U.S. DEPARTMENT OF THE INTERIOR

U.S. GEOLOGICAL SURVEY

PRELIMINARY DETERMINATION OF EPICENTERS MONTHLY LISTING

APRIL-JUNE 1998

NATIONAL EARTHQUAKE INFORMATION CENTER

Open-File Report

98-600-B

1999

U.S. Department of the Interior
U.S. Geological Survey

USGS
science for a changing world

Preliminary Determination of Epicenters

Monthly Listing

National Earthquake Information Center

APRIL 1998

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	12	12.4*	61.381	N	172.781	E	16	D	4.3		1.0	19	EASTERN SIBERIA, RUSSIA
01	00	39	01.2*	5.719	S	152.032	E	33	N	3.7		0.8	9	NEW BRITAIN REGION, P.N.G.
01	00	44	24.0&	38.332	N	28.086	E	10	G				7	TURKEY. <ISK>. MD 3.2 (ISK).
01	01	12	36.6*	17.839	S	178.715	W	600	G	4.2		0.8	21	FIJI ISLANDS REGION
01	01	13	13.6	35.902	N	27.321	E	33	N	4.1		1.3	85	DODECANESE ISLANDS. MD 4.0 (ISK).
01	02	11	04.2&	44.200	N	7.200	E	2					14	NORTHERN ITALY. <LDG>. ML 2.1 (GEN), 1.7 (LDG).
01	03	00	16.7&	34.333	S	72.094	W	36					10	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.3 (GUC).
01	04	07	13.8&	18.720	N	67.340	W	18					6	MONA PASSAGE. <MPR>. MD 2.9 (MPR).
01	06	11	25.6*	36.979	N	142.398	E	33	N			0.6	5	OFF EAST COAST OF HONSHU, JAPAN
01	06	14	32.1&	18.150	N	67.340	W	0					9	MONA PASSAGE. <MPR>. MD 3.1 (MPR).
01	06	15	28.8&	19.870	N	64.480	W	54					6	VIRGIN ISLANDS. <MPR>. MD 3.0 (MPR).
01	07	08	53.2?	51.30	N	177.23	W	33	N	3.8		1.1	8	ANDREANOF ISLANDS, ALEUTIAN IS.
01	08	59	31.0&	18.704	N	104.120	W	8					8	NEAR COAST OF JALISCO, MEXICO. <UNM>. MD 4.0 (UNM).
01	09	13	33.8	27.702	S	68.836	W	126	D	4.2		1.2	30	CHILE-ARGENTINA BORDER REGION
01	09	26	33.9*	10.838	S	122.207	E	33	N	3.2		0.8	8	SAVU SEA
01	09	28	35.0&	58.457	N	152.774	W	48					62	KODIAK ISLAND REGION. <AEIC>. ML 2.8 (AEIC).
01	09	32	58.6	6.509	S	146.893	E	17		3.8		1.0	14	EASTERN NEW GUINEA REG., P.N.G.
01	09	53	10.7	30.804	N	49.929	E	33	N	4.2		1.0	23	WESTERN IRAN
01	10	12	34.3*	62.953	S	147.928	E	10	G	4.1		0.4	10	SOUTH OF AUSTRALIA
01	11	01	33.7*	15.810	N	120.018	E	33	N	3.7		0.9	8	LUZON, PHILIPPINE ISLANDS
01	11	13	20.1?	43.83	N	77.87	E	33	N	3.8		1.1	6	LAKE ISSYK-KUL REGION
01	11	48	03.5&	38.455	N	30.444	E	6					4	TURKEY. <ISK>. MD 2.8 (ISK).
01	12	58	34.3&	53.244	N	163.933	W	14		3.7			16	UNIMAK ISLAND REGION. <AEIC>. ML 3.4 (AEIC).
01	12	59	57.4*	44.258	N	149.021	E	33	N	3.5		1.0	9	KURIL ISLANDS
01	13	36	10.8	31.258	S	68.152	W	109	D	4.4		0.9	41	SAN JUAN PROVINCE, ARGENTINA. MD 4.5 (GUC).
01	13	41	17.5*	31.221	S	68.781	W	100	G	4.1		0.7	8	SAN JUAN PROVINCE, ARGENTINA
01	13	49	53.0	30.295	N	138.434	E	440	*	4.2		0.9	33	SOUTH OF HONSHU, JAPAN
01	14	00	44.9&	40.472	N	29.220	E	10	G				5	TURKEY. <ISK>. MD 2.7 (ISK).
01	14	02	09.0?	28.67	N	139.63	E	451	?	3.9		0.4	9	BONIN ISLANDS REGION
01	14	07	53.5	42.234	N	23.888	E	10	G			1.2	8	BULGARIA
01	14	48	15.5&	43.440	N	5.470	E	1					9	NEAR SOUTH COAST OF FRANCE. <STR>. ML 2.9 (STR). Mining induced event in the Gardanne area.
01	15	11	26.3&	39.951	N	28.705	E	10	G				4	TURKEY. <ISK>. MD 2.6 (ISK).
01	15	21	08.4&	32.746	S	71.705	W	33					13	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.6 (GUC). Felt (III) at Concon, Quilpue, Quintero, Vina del Mar and Zapallar; (II) at Limache, Nogales, Olmue, Quillota and Villa Alemana.
01	15	24	04.3&	32.682	S	71.740	W	28					14	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.3 (GUC).
01	15	40	03.1&	43.900	N	7.900	E	2					5	NEAR SOUTH COAST OF FRANCE. <LDG>. ML 2.0 (LDG).
01	15	48	46.0&	40.267	N	28.779	E	10	G				6	TURKEY. <ISK>. MD 2.6 (ISK).
01	16	44	04.3&	32.799	S	70.188	W	118					12	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.0 (GUC).
01	16	55	59.2?	32.72	S	179.50	W	200	G	4.3		0.8	12	SOUTH OF KERMADEC ISLANDS
01	17	56	23.3	0.544	S	99.261	E	56		6.2	6.9	0.9	506	SOUTHERN SUMATERA, INDONESIA. Mw 7.0 (HRV), 6.9 (GS). Me 6.5 (GS). Ms 6.6 (BRK). Felt strongly at Padang. Felt in Singapore and in the Kuala Lumpur area, Malaysia. Broadband Source Parameters (GS): Dep 32; NP1: Strike=125, Dip=75, Slip=60; NP2: Strike=11, Dip=33, Slip=152; Radiated energy 1.4*10**14 Nm. Two events about 2 seconds apart. Depth based on the second and larger event. Moment Tensor (GS): Dep 35; Principal axes (scale 10**19 Nm): (T) Val=2.65, Plg=61, Azm=35; (N) Val=0.23, Plg=14, Azm=278; (P) Val=-2.88, Plg=25, Azm=182; Best double couple: Mo=2.8*10**19 Nm; NP1: Strike=245, Dip=24, Slip=54; NP2: Strike=103, Dip=71, Slip=104. Centroid, Moment Tensor (HRV): Centroid origin time 17:56:31.8; Lat 0.78 S; Lon 98.84 E; Dep 41.9; Half-duration 7.8 sec; Principal axes (scale 10**19 Nm): (T) Val=3.30, Plg=65, Azm=25; (N) Val=0.04, Plg=5, Azm=126; (P) Val=-3.35, Plg=24, Azm=218; Best double couple: Mo=3.3*10**19 Nm; NP1: Strike=320, Dip=21, Slip=105; NP2: Strike=124, Dip=69, Slip=84. Scalar Moment (PPT): Mo=1.0*10**19 Nm.

01	18	10	42.4*	54.162	N	172.352	E	33	N	4.6		0.7	9	NEAR ISLANDS, ALEUTIAN ISLANDS
01	18	15	43.2?	6.92	S	104.62	E	33	N	4.6		1.4	20	SUNDA STRAIT
01	18	24	54.6&	35.375	S	71.591	W	93					11	CENTRAL CHILE. <GUC>. MD 4.1 (GUC).
01	18	49	48.9*	12.274	S	166.756	E	250	G	3.8		1.0	22	SANTA CRUZ ISLANDS
01	19	08	23.4	44.444	N	10.777	E	10	G			1.3	59	NORTHERN ITALY. ML 3.8 (GRF), 3.7 (STR), 3.3 (VIE), 3.3 (LDG).
01	19	24	26.5*	7.396	N	71.864	W	33	N	4.5		1.4	20	VENEZUELA
01	19	38	48.4&	40.559	S	174.908	E	5	G			0.3	11	COOK STRAIT, NEW ZEALAND. ML 3.8 (WEL).
01	20	06	37.4&	46.000	N	7.000	E	2					14	SWITZERLAND. <LDG>. ML 2.3 (LDG).
01	20	27	36.2&	44.161	N	120.924	W	0					21	OREGON. <SEA-P>. MD 3.1 (SEA).
01	21	01	56.2*	58.952	S	25.516	W	33	N	4.3		0.8	15	SOUTH SANDWICH ISLANDS REGION
01	21	08	15.8	15.283	S	173.444	W	33	N	4.7	5.2	0.9	83	TONGA ISLANDS
01	21	37	50.1	35.377	N	35.787	W	10	G	5.0	5.0	0.9	136	NORTHERN MID-ATLANTIC RIDGE. Mw 5.8 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 21:37:59.9; Lat 35.48 N; Lon 35.92 W; Dep 15.0 Fix; Half-duration 2.2 sec; Principal axes (scale 10**17 Nm): (T) Val=5.56, Plg=0, Azm=142; (N) Val=-0.06, Plg=90, Azm=180; (P) Val=-5.51, Plg=0, Azm=52; Best double couple: Mo=5.5*10**17 Nm; NP1: Strike=187, Dip=90, Slip=-180; NP2: Strike=277, Dip=90, Slip=0.
01	22	21	05.3*	35.306	N	35.843	W	10	G	4.7		1.2	18	NORTHERN MID-ATLANTIC RIDGE
01	22	27	27.9*	3.078	S	139.030	E	33	N	3.9		1.5	11	IRIAN JAYA, INDONESIA
01	22	27	45.4&	44.500	N	10.800	E	2					11	NORTHERN ITALY. <LDG>. ML 2.4 (LDG).
01	22	42	56.9	40.316	S	74.874	W	9	G	6.2	6.0	1.1	315	OFF COAST OF SOUTHERN CHILE. Mw 6.7 (HRV), 6.6 (GS). Me 6.5 (GS). MD 6.4 (GUC). Felt (V) at Futrono, Panguipulli and Valdivia; (IV) at Castro, Osorno, Puerto Montt and Ranco; (III) at Corral and Temuco. Broadband Source Parameters (GS): Dep 9; NP1: Strike=350, Dip=65, Slip=-90; NP2: Strike=170, Dip=25, Slip=-90; Radiated energy 1.1*10**14 Nm. Moment Tensor (GS): Dep 7; Principal axes (scale 10**18 Nm): (T) Val=7.90, Plg=2, Azm=292; (N) Val=0.62, Plg=3, Azm=202; (P) Val=-8.53, Plg=86, Azm=54; Best double couple: Mo=8.2*10**18 Nm; NP1: Strike=26, Dip=43, Slip=-85; NP2: Strike=199, Dip=47, Slip=-95. Centroid, Moment Tensor (HRV): Centroid origin time 22:43:05.9; Lat 40.64 S; Lon 75.37 W; Dep 15.0 Bdy; Half-duration 4.5 sec; Principal axes (scale 10**19 Nm): (T) Val=1.22, Plg=1, Azm=108; (N) Val=-0.04, Plg=1, Azm=18; (P) Val=-1.18, Plg=89, Azm=227; Best double couple: Mo=1.2*10**19 Nm; NP1: Strike=199, Dip=44, Slip=-88; NP2: Strike=17, Dip=46, Slip=-92.
01	23	44	05.6&	62.675	N	149.890	W	16					62	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC), 3.0 (PMR).
02	00	16	16.9?	40.56	S	75.18	W	33	N			1.1	7	OFF COAST OF SOUTHERN CHILE
02	00	36	16.6&	41.443	N	31.840	E	11					10	TURKEY. <ISK>. MD 3.5 (ISK).
02	00	42	53.2	51.356	N	179.303	E	33	N	4.6		0.9	70	RAT ISLANDS, ALEUTIAN ISLANDS. ML 5.1 (PMR).
02	01	09	10.6	33.297	S	178.441	W	33	N	5.1	5.7	1.2	84	SOUTH OF KERMADEC ISLANDS. Mw 5.8 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 01:09:14.2; Lat 31.79 S; Lon 178.21 W; Dep 51.5; Half-duration 1.7 sec; Principal axes (scale 10**17 Nm): (T) Val=6.74, Plg=59, Azm=273; (N) Val=-0.47, Plg=1, Azm=181; (P) Val=-6.27, Plg=31, Azm=91; Best double couple: Mo=6.5*10**17 Nm; NP1: Strike=177, Dip=14, Slip=86; NP2: Strike=1, Dip=76, Slip=91.
02	01	19	32.3&	48.400	N	3.400	W	5					7	FRANCE. <LDG>. ML 2.4 (LDG).
02	01	19	34.8?	32.61	S	178.80	W	33	N	4.3		0.2	8	SOUTH OF KERMADEC ISLANDS
02	01	29	45.2?	7.63	S	119.87	E	150	G	3.2		0.4	7	FLORES SEA
02	01	52	27.9	23.121	S	66.622	W	200	G	4.6		1.0	25	JUJUY PROVINCE, ARGENTINA
02	01	59	01.2*	35.768	N	27.261	E	33	N			1.0	15	DODECANESE ISLANDS
02	02	26	08.4?	33.22	S	178.54	W	33	N	4.4		1.0	13	SOUTH OF KERMADEC ISLANDS
02	03	59	36.9&	37.188	S	71.476	W	114					10	S. CHILE-ARGENTINA BORDER REGION. <GUC>. MD 4.1 (GUC).
02	04	29	43.1&	43.930	N	5.310	E	5	G				6	NEAR SOUTH COAST OF FRANCE. <STR>. ML 2.9 (STR). Mining induced event in the Gardanne area.
02	04	37	46.1*	3.659	N	126.225	E	74	?	4.2		1.1	18	TALAUD ISLANDS, INDONESIA
02	04	39	21.0*	56.673	N	163.974	E	33	N	4.4		1.0	20	NEAR EAST COAST OF KAMCHATKA
02	04	59	08.5	51.306	N	179.262	E	33	N	4.6		1.1	50	RAT ISLANDS, ALEUTIAN ISLANDS. ML 4.7 (PMR).
02	05	15	14.7&	58.340	N	150.880	W	15					41	GULF OF ALASKA. <AEIC>. ML 2.5 (AEIC).
02	05	37	49.2?	52.85	N	174.06	W	200	G			1.2	7	ANDREANOF ISLANDS, ALEUTIAN IS.
02	06	22	27.6&	39.558	N	29.517	E	10	G				4	TURKEY. <ISK>. MD 2.5 (ISK).
02	06	59	04.7	38.165	S	176.345	E	5	G			0.6	15	NORTH ISLAND, NEW ZEALAND. ML 4.7 (WEL).
02	07	18	23.4*	6.299	S	104.011	E	33	N	4.4		0.6	16	SUNDA STRAIT
02	07	25	40.4?	14.45	S	176.74	W	33	N	3.6		1.3	7	FIJI ISLANDS REGION
02	07	59	55.9*	2.870	S	127.123	E	33	N	4.5		0.8	17	CERAM SEA
02	08	06	09.8&	38.516	N	27.167	E	10	G				5	TURKEY. <ISK>. MD 2.9 (ISK).
02	09	23	07.7*	7.394	S	128.844	E	100	G	4.5		1.0	14	BANDA SEA
02	09	33	43.4&	44.999	N	149.739	E	33	N			0.5	6	KURIL ISLANDS
02	09	50	48.7&	37.920	N	6.280	W	0	G				8	SPAIN. <MDD>. mbLg 2.8 (MDD).
02	10	14	50.8&	44.467	N	7.101	E	10					5	NORTHERN ITALY. <GEN>. ML 1.6 (GEN).
02	10	16	55.4&	33.617	S	70.888	W	70					10	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.2 (GUC).
02	10	22	54.3&	44.412	N	7.240	E	12					9	NORTHERN ITALY. <GEN>. ML 2.1 (GEN).
02	10	29	54.8&	62.542	N	151.405	W	101					40	CENTRAL ALASKA. <AEIC>.
02	10	33	45.0&	16.841	N	99.696	W	41					4	NEAR COAST OF GUERRERO, MEXICO. <UNM>. MD 3.8 (UNM).
02	11	20	42.5?	51.37	N	176.55	W	33				1.4	6	ANDREANOF ISLANDS, ALEUTIAN IS.
02	11	53	10.3	27.988	S	66.563	W	176	*	4.3		1.1	31	CATAMARCA PROVINCE, ARGENTINA. MD 4.4 (GUC).
02	12	07	43.6&	39.633	N	29.456	E	9					6	TURKEY. <ISK>. MD 2.7 (ISK).
02	12	27	02.0	4.474	S	144.019	E	117		4.0		1.1	19	NEAR N COAST OF NEW GUINEA, PNG.
02	12	27	21.1&	62.159	N	149.385	W	45					86	CENTRAL ALASKA. <AEIC>. ML 3.8 (AEIC), 3.8 (PMR).
02	12	54	28.2&	20.123	N	99.319	W	23					13	CENTRAL MEXICO. <UNM>. MD 3.3 (UNM).
02	13	19	42.5&	61.587	N	150.621	W	51					38	SOUTHERN ALASKA. <AEIC>. ML 2.9 (AEIC).
02	13	30	16.1&	40.615	N	29.077	E	5					6	TURKEY. <ISK>. MD 2.7 (ISK).
02	13	41	37.8&	17.000	N	99.143	W	16					4	GUERRERO, MEXICO. <UNM>. MD 3.7 (UNM).
02	14	07	34.1*	21.620	N	143.289	E	300	G	3.2		0.8	12	MARIANA ISLANDS REGION
02	14	20	53.9&	33.520	S	70.455	W	94					13	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.9 (GUC).

02	14	56	36.9*	33.537	S	178.685	W	33	N	4.3	1.2	16	SOUTH OF KERMADEC ISLANDS
02	15	25	32.8	35.835	N	3.502	E	10	G		0.8	40	NORTHERN ALGERIA. mbLg 3.1 (MDD).
02	15	37	46.2&	17.900	N	67.040	W	13				5	MONA PASSAGE. <MPR>. MD 2.3 (MPR).
02	15	44	03.6%	22.640	S	68.038	W	158	?		0.4	6	NORTHERN CHILE
02	15	58	50.0	46.662	N	15.213	E	10	G		0.6	9	NORTHWESTERN BALKAN REGION. ML 2.5 (VIE), 2.2 (LJU).
02	16	20	24.9*	20.848	S	178.618	W	550	G	3.9	0.8	14	FIJI ISLANDS REGION
02	16	34	11.0&	20.211	N	99.485	W	20				10	CENTRAL MEXICO. <UNM>. MD 3.1 (UNM).
02	16	38	21.5&	19.455	N	104.041	W	89				9	NEAR COAST OF JALISCO, MEXICO. <UNM>. MD 4.1 (UNM).
02	16	48	42.2	40.086	S	74.863	W	10	G	4.8	1.0	39	OFF COAST OF SOUTHERN CHILE
02	17	00	37.0?	6.89	S	152.77	E	33	N	3.3	1.5	5	NEW BRITAIN REGION, P.N.G.
02	17	09	44.9?	58.70	S	25.18	W	33	N		1.0	11	SOUTH SANDWICH ISLANDS REGION
02	17	10	44.9&	43.879	N	7.831	E	5				16	NEAR SOUTH COAST OF FRANCE. <GEN>. ML 2.2 (GEN), 2.1 (LDG).
02	17	30	24.6&	30.680	S	71.927	W	8				14	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.3 (GUC).
02	17	40	56.3&	34.124	S	70.074	W	6				9	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.3 (GUC).
02	17	56	16.7%	1.083	S	98.724	E	33	N		1.3	18	SOUTHERN SUMATERA, INDONESIA
02	17	57	14.7*	53.665	N	160.566	E	50	*	4.4	1.0	29	NEAR EAST COAST OF KAMCHATKA
02	18	22	09.6*	10.747	S	162.582	E	33	N	4.1	1.5	22	SOLOMON ISLANDS
02	18	30	54.5*	4.706	S	152.827	E	83	*	3.7	0.9	14	NEW BRITAIN REGION, P.N.G.
02	18	45	00.8*	51.969	N	157.251	E	100	G	4.4	0.4	10	NEAR EAST COAST OF KAMCHATKA
02	18	59	19.2*	19.002	N	145.589	E	250	G	4.0	0.9	20	MARIANA ISLANDS
02	18	59	21.7&	62.843	N	151.071	W	104				37	CENTRAL ALASKA. <AEIC>.
02	19	20	16.0&	37.180	N	116.600	W	9				14	SOUTHERN NEVADA. <REN-P>. MD 3.4 (REN).
02	19	40	07.9&	45.016	N	6.545	E	4				12	FRANCE. <GEN>. ML 1.9 (GEN), 1.5 (LDG).
02	19	40	31.8	46.512	N	149.670	E	163	D	4.9	0.7	257	KURIL ISLANDS. Mw 5.1 (HRV).
													Centroid, Moment Tensor (HRV): Centroid origin time 19:40:37.5; Lat 46.51 N Fix; Lon 149.67 E Fix; Dep 174.5; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=5.40, Plg=26, Azm=113; (N) Val=0.36, Plg=8, Azm=19; (P) Val=-5.76, Plg=63, Azm=273; Best double couple: Mo=5.6*10**16 Nm; NP1: Strike=222, Dip=20, Slip=-66; NP2: Strike=16, Dip=71, Slip=-99.
02	21	34	14.8*	33.233	S	178.334	W	33	N	4.6	1.2	24	SOUTH OF KERMADEC ISLANDS
02	22	05	31.9?	33.19	S	178.43	W	33	N	4.5	1.3	15	SOUTH OF KERMADEC ISLANDS
02	23	01	01.5?	32.40	S	178.44	W	33	N	4.3	1.4	12	SOUTH OF KERMADEC ISLANDS
02	23	26	40.2&	32.852	S	70.169	W	115				11	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.6 (GUC).
02	23	39	07.3*	17.653	S	178.550	W	550	G	4.3	0.4	12	FIJI ISLANDS REGION
03	02	05	25.5	1.267	N	127.194	E	100	G	4.1	1.0	16	HALMAHERA, INDONESIA
03	02	37	37.8	42.824	N	13.026	E	10	G	3.5	1.4	35	CENTRAL ITALY. ML 3.3 (VIE), 3.0 (LDG).
03	02	52	41.9&	41.000	N	121.579	W	6				9	NORTHERN CALIFORNIA. <GM-P>. MD 2.9 (GM).
03	03	19	57.8	10.528	S	161.546	E	100	G	4.8	0.8	42	SOLOMON ISLANDS
03	03	30	36.8?	51.54	N	167.38	W	33	N		0.7	7	FOX ISLANDS, ALEUTIAN ISLANDS
03	04	13	18.5&	41.001	N	121.586	W	4				6	NORTHERN CALIFORNIA. <GM-P>. MD 2.6 (GM).
03	04	34	28.0*	32.732	S	178.602	W	33	N	4.8	1.4	30	SOUTH OF KERMADEC ISLANDS
03	05	23	46.8	7.194	S	129.655	E	33	N	5.1	0.9	129	BANDA SEA
03	06	40	53.4&	15.447	N	96.109	W	16				5	NEAR COAST OF OAXACA, MEXICO. <UNM>. MD 4.2 (UNM).
03	06	57	05.4	0.611	S	99.251	E	68		4.8	0.9	55	SOUTHERN SUMATERA, INDONESIA
03	07	26	36.6&	43.164	N	12.701	E	10		5.1 4.8		368	CENTRAL ITALY. <ROM>. Mw 5.2 (HRV). ML 5.3 (VIE), 5.2 (FUR), 5.1 (STR), 5.0 (LDG). Five people slightly injured and 300 houses damaged or destroyed in the Gualdo Tadino-Nocera Umbra area. Additional damage to a castle at Foligno. Felt strongly at Assisi. Felt as far south as Rome. Also felt (IV) at Koper, Slovenia.
													Centroid, Moment Tensor (HRV): Centroid origin time 07:26:42.8; Lat 42.86 N; Lon 12.77 E; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=6.02, Plg=23, Azm=54; (N) Val=0.05, Plg=4, Azm=322; (P) Val=-6.07, Plg=67, Azm=224; Best double couple: Mo=6.1*10**16 Nm; NP1: Strike=152, Dip=23, Slip=-80; NP2: Strike=321, Dip=68, Slip=-94.
03	07	31	54.3&	57.737	N	151.240	W	20				16	KODIAK ISLAND REGION. <AEIC>. ML 2.9 (AEIC).
03	07	59	53.1&	43.228	N	12.671	E	10	G	4.2		152	CENTRAL ITALY. <ROM>. ML 4.4 (STR), 4.3 (VIE), 4.2 (FUR), 4.0 (LDG). MD 3.8 (ROM).
03	08	19	20.0&	47.840	N	8.030	E	1				11	SWITZERLAND. <FBB>. ML 2.5 (LDG), 2.1 (FBB).
03	08	20	42.2&	43.206	N	12.768	E	10		3.6		75	CENTRAL ITALY. <ROM>. ML 4.0 (VIE), 3.8 (LDG). MD 3.5 (ROM).
03	08	42	33.3	43.262	N	126.306	W	10	G	3.5	1.1	47	OFF COAST OF OREGON
03	09	09	40.8&	59.766	N	153.482	W	126		2.7		68	SOUTHERN ALASKA. <AEIC>.
03	09	13	12.7	19.482	S	176.258	W	250	G	4.6	0.9	55	FIJI ISLANDS REGION
03	09	19	30.0&	18.490	N	68.200	W	105				9	MONA PASSAGE. <MPR>. MD 3.4 (MPR).
03	10	16	49.9?	42.92	N	127.17	W	10	G		0.4	21	OFF COAST OF OREGON
03	11	09	07.4	13.730	N	144.826	E	111	D	4.8	1.1	53	MARIANA ISLANDS. Felt (IV) on Guam.
03	11	15	32.8*	20.052	N	121.873	E	33	N	3.7	0.2	7	PHILIPPINE ISLANDS REGION
03	11	22	25.0?	14.88	S	173.77	W	33	N	3.9	0.5	12	SAMOA ISLANDS REGION
03	11	43	11.4?	42.89	N	12.97	E	10	G		1.5	7	CENTRAL ITALY. ML 3.5 (LDG), 3.1 (VIE).
03	11	51	44.2&	29.403	S	71.521	W	33	N			14	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.6 (GUC).
03	12	56	41.2	34.516	N	70.674	E	73	*	5.0	0.9	69	AFGHANISTAN
03	13	25	50.0%	26.329	N	125.305	E	250	G		0.6	5	NORTHEAST OF TAIWAN
03	13	31	52.6	42.112	N	24.044	E	10	G		0.7	10	BULGARIA
03	13	51	30.2?	31.42	S	117.71	E	10	G		0.2	4	WESTERN AUSTRALIA
03	13	51	38.9*	52.297	N	173.673	W	33	N	4.1	0.7	10	ANDREANOF ISLANDS, ALEUTIAN IS.
03	14	10	30.8&	48.400	N	3.600	W	2				7	FRANCE. <LDG>. ML 2.8 (LDG).
03	14	25	56.6*	18.301	S	166.892	E	33	N	4.0	0.7	10	VANUATU ISLANDS REGION
03	14	51	26.8*	24.180	N	124.928	E	33	N	3.9	1.3	19	SOUTHWESTERN RYUKYU ISLANDS
03	14	57	12.9&	39.219	N	27.448	E	9				5	TURKEY. <ISK>. MD 2.8 (ISK).
03	15	22	05.0&	40.297	N	124.481	W	17				12	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 3.2 (GM). ML 3.4 (BRK).
03	15	22	48.8	25.627	S	69.689	E	10	G	5.0 5.5	1.2	113	SOUTH INDIAN OCEAN. Mw 5.6 (HRV).
													Centroid, Moment Tensor (HRV): Centroid origin time 15:22:54.9; Lat 25.34 S; Lon 69.66 E; Dep 15.0 Fix; Half-duration 1.5 sec; Principal axes (scale 10**17 Nm): (T) Val=3.03, Plg=10, Azm=178; (N) Val=0.11, Plg=78, Azm=25; (P) Val=-3.14, Plg=5, Azm=269; Best double couple: Mo=3.1*10**17 Nm; NP1: Strike=314, Dip=79, Slip=4; NP2: Strike=223, Dip=86, Slip=169.

03	16	20	03.1*	16.166	S	174.067	W	33	N	4.5	0.8	28	TONGA ISLANDS
03	16	40	11.2	37.448	N	138.275	E	45		4.8	0.9	88	NEAR WEST COAST OF HONSHU, JAPAN. Felt (III JMA) in northern Ishikawa and southern Niigata; (II JMA) in western Fukushima, central Nagano and northern Niigata; (I JMA) in central Fukushima, western Yamagata and parts of Gumma, Tochigi and Toyama Prefectures.
03	17	46	20.0&	37.520	N	117.230	W	6				18	CALIFORNIA-NEVADA BORDER REGION. <REN-P>. MD 3.1 (REN). ML 3.1 (GS).
03	17	52	50.1	6.825	S	11.660	W	10	G	4.7	1.0	23	ASCENSION ISLAND REGION
03	17	55	13.6*	42.963	N	12.863	E	10	G		0.6	12	CENTRAL ITALY. ML 3.2 (LDG), 3.0 (TRI).
03	18	01	07.1*	16.002	N	147.566	E	33	N	3.6	1.1	11	MARIANA ISLANDS REGION
03	18	08	48.4&	60.383	N	151.473	W	59				18	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.7 (AEIC).
03	18	55	09.1*	25.799	S	137.709	E	10	G	3.8	0.6	5	NORTHERN TERRITORY, AUSTRALIA
03	19	00	35.3*	15.132	S	173.714	W	33	N	4.5	1.1	25	TONGA ISLANDS
03	19	10	00.6	19.560	N	105.200	W	57	*	4.4	1.2	52	NEAR COAST OF JALISCO, MEXICO. MD 4.7 (UNM).
03	19	13	34.0	43.170	N	12.730	E	10	G		0.8	20	CENTRAL ITALY. ML 3.4 (VIE), 3.3 (LDG), 3.1 (TRI).
03	19	31	24.2&	44.338	N	6.899	E	9				7	FRANCE. <GEN>. ML 1.9 (GEN).
03	20	05	59.8*	6.813	N	125.953	E	33	N	4.1	0.8	13	MINDANAO, PHILIPPINE ISLANDS
03	20	06	46.4	6.835	N	125.888	E	33	N	4.5	0.9	35	MINDANAO, PHILIPPINE ISLANDS
03	20	57	57.6*	43.306	N	12.665	E	10	G		0.7	14	CENTRAL ITALY. ML 3.1 (LDG).
03	21	02	11.9?	20.33	S	177.71	W	500	G	3.9	1.1	11	FIJI ISLANDS REGION
03	21	57	35.7	6.338	S	150.869	E	67	*	4.3	0.9	21	NEW BRITAIN REGION, P.N.G.
03	22	01	48.2	8.148	S	74.238	W	165	D	6.1 5.6	0.8	248	PERU-BRAZIL BORDER REGION. Mw 6.6 (GS), 6.6 (HRV). Me 6.4 (GS). mb 6.2 (BRK). Felt (II) at Lima, Peru. Also felt in many parts of northern Peru. Broadband Source Parameters (GS): Dep 160; NP1: Strike=170, Dip=80, Slip=90; NP2: Strike=350, Dip=10, Slip=90; Radiated energy 9.0*10**13 Nm. Two events about 2 seconds apart. Depth based on second event. Moment Tensor (GS): Dep 145; Principal axes (scale 10**19 Nm): (T) Val=1.03, Plg=45, Azm=60; (N) Val=-0.03, Plg=22, Azm=174; (P) Val=-0.99, Plg=37, Azm=282; Best double couple: Mo=1.0*10**19 Nm; NP1: Strike=73, Dip=22, Slip=170; NP2: Strike=172, Dip=86, Slip=68. Centroid, Moment Tensor (HRV): Centroid origin time 22:01:56.5; Lat 7.96 S; Lon 74.48 W; Dep 153.7; Half-duration 4.9 sec; Principal axes (scale 10**18 Nm): (T) Val=9.67, Plg=47, Azm=68; (N) Val=-0.32, Plg=13, Azm=172; (P) Val=-9.35, Plg=40, Azm=273; Best double couple: Mo=9.5*10**18 Nm; NP1: Strike=68, Dip=13, Slip=166; NP2: Strike=172, Dip=87, Slip=77. Scalar Moment (PPT): Mo=1.5*10**19 Nm.
03	22	11	34.6*	43.237	N	12.609	E	10	G		1.3	21	CENTRAL ITALY. ML 3.3 (VIE), 3.2 (LDG), 3.1 (TRI).
03	22	27	33.0*	11.694	S	166.524	E	150	G	4.2	0.6	13	SANTA CRUZ ISLANDS
03	23	02	09.3&	47.692	N	120.066	W	3				32	WASHINGTON. <SEA-P>. MD 2.6 (SEA).
03	23	07	43.7&	60.073	N	153.384	W	134		2.6		19	SOUTHERN ALASKA. <AEIC>.
03	23	40	41.9?	54.86	N	168.68	E	33	N	3.2	1.5	9	KOMANDORSKY ISLANDS REGION
04	01	24	18.5*	3.112	S	140.780	E	33	N	3.7	0.6	6	IRIAN JAYA, INDONESIA
04	01	45	23.9&	40.741	N	29.885	E	10	G			8	TURKEY. <ISK>. MD 3.1 (ISK).
04	02	10	00.9&	29.450	N	15.930	W	17				5	CANARY ISLANDS REGION. <MDD>. mbLg 2.9 (MDD).
04	02	46	33.4*	36.645	N	49.427	E	33	N	4.5	0.9	21	WESTERN IRAN
04	02	57	30.2&	36.965	N	31.597	E	12				18	TURKEY. <ISK>. MD 3.6 (ISK).
04	03	30	56.0&	37.510	N	117.230	W	0				15	CALIFORNIA-NEVADA BORDER REGION. <REN-P>. MD 2.7 (REN). ML 2.9 (GS).
04	04	49	21.5	39.746	S	74.895	W	10	G	4.7	1.0	30	OFF COAST OF CENTRAL CHILE
04	05	58	26.6*	1.913	S	100.383	E	51	D	4.1	1.3	20	SOUTHERN SUMATERA, INDONESIA
04	06	18	35.9&	60.864	N	151.555	W	73		2.6		57	KENAI PENINSULA, ALASKA. <AEIC>.
04	07	11	40.8*	62.980	S	147.728	E	10	G	4.3	1.3	23	SOUTH OF AUSTRALIA
04	07	19	33.3*	8.118	S	74.384	W	157	D	4.5	1.1	32	PERU-BRAZIL BORDER REGION
04	07	33	29.0	6.549	S	153.014	E	33	N	4.7	0.9	55	NEW BRITAIN REGION, P.N.G.
04	07	43	21.7	39.833	S	74.871	W	10	G	4.7	0.9	24	OFF COAST OF CENTRAL CHILE
04	08	01	25.0&	37.510	N	117.230	W	1				31	CALIFORNIA-NEVADA BORDER REGION. <REN-P>. MD 3.9 (REN). ML 3.8 (GS).
04	08	04	44.8&	39.702	N	29.790	E	10	G			4	TURKEY. <ISK>. MD 2.6 (ISK).
04	09	38	57.4&	62.480	N	151.648	W	91				8	CENTRAL ALASKA. <AEIC>.
04	10	13	01.5?	57.00	S	26.72	W	33	N	4.9	1.1	12	SOUTH SANDWICH ISLANDS REGION. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 10:13:04.7; Lat 56.31 S; Lon 25.59 W; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=7.38, Plg=55, Azm=229; (N) Val=-0.89, Plg=4, Azm=325; (P) Val=-6.49, Plg=35, Azm=57; Best double couple: Mo=6.9*10**16 Nm; NP1: Strike=164, Dip=11, Slip=110; NP2: Strike=324, Dip=80, Slip=86.
04	10	21	37.0?	33.16	S	178.24	W	33	N	4.4	1.5	14	SOUTH OF KERMADEC ISLANDS
04	10	51	42.1&	41.326	N	28.950	E	10	G			5	TURKEY. <ISK>. MD 2.8 (ISK).
04	11	32	59.6?	8.48	N	125.50	E	100	G	4.1	1.1	14	MINDANAO, PHILIPPINE ISLANDS
04	11	34	46.7*	8.399	N	126.351	E	100	G	4.3	1.2	17	MINDANAO, PHILIPPINE ISLANDS
04	13	19	29.2*	8.453	N	126.559	E	100	G	4.2	1.2	18	MINDANAO, PHILIPPINE ISLANDS
04	14	13	34.1*	46.911	N	152.396	E	100	G	4.1	0.9	13	KURIL ISLANDS
04	14	42	52.5	3.716	S	77.388	W	114	D	4.9	1.0	121	PERU-ECUADOR BORDER REGION. Mw 5.1 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 14:42:57.2; Lat 3.76 S; Lon 77.10 W; Dep 117.4; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=7.10, Plg=12, Azm=245; (N) Val=-3.28, Plg=0, Azm=155; (P) Val=-3.82, Plg=78, Azm=65; Best double couple: Mo=5.5*10**16 Nm; NP1: Strike=335, Dip=33, Slip=-90; NP2: Strike=155, Dip=57, Slip=-90.
04	14	57	15.0&	37.520	N	117.230	W	7				17	CALIFORNIA-NEVADA BORDER REGION. <REN-P>. MD 3.0 (REN). ML 3.1 (GS).
04	15	20	10.9*	52.549	S	26.208	E	10	G	4.5 4.5	1.5	21	SOUTH OF AFRICA
04	15	28	16.0*	9.896	S	75.615	W	33	N	4.2	1.5	15	CENTRAL PERU
04	16	07	26.5	9.857	N	125.984	E	100	G	5.0	1.2	95	MINDANAO, PHILIPPINE ISLANDS. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time

16:07:25.2; Lat 9.65 N; Lon 126.42 E; Dep 48.6; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=1.35, Plg=65, Azm=344; (N) Val=0.00, Plg=23, Azm=192; (P) Val=-1.36, Plg=11, Azm=98; Best double couple: Mo=1.4*10**17 Nm; NP1: Strike=162, Dip=40, Slip=53; NP2: Strike=26, Dip=59, Slip=117.

04	16	16	47.0	38.102	N	30.157	E	10	G	5.1 4.6	1.1	228	TURKEY. Mw 5.3 (HRV). MD 4.6 (ISK). Minor damage in the Afyon area. Felt at Dinar.
													Centroid, Moment Tensor (HRV): Centroid origin time 16:16:52.9; Lat 38.10 N Fix; Lon 30.16 E Fix; Dep 15.0 Fix; Half-duration 1.4 sec; Principal axes (scale 10**16 Nm): (T) Val=7.99, Plg=0, Azm=233; (N) Val=1.18, Plg=11, Azm=323; (P) Val=-9.16, Plg=79, Azm=143; Best double couple: Mo=8.6*10**16 Nm; NP1: Strike=313, Dip=46, Slip=-105; NP2: Strike=154, Dip=46, Slip=-75.
04	16	32	08.3*	3.616	N	125.602	E	150	G	3.9	0.9	12	TALAUD ISLANDS, INDONESIA
04	16	52	24.9&	33.777	S	70.606	W	88				12	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.3 (GUC).
04	17	13	40.0*	1.044	S	98.615	E	33	N	3.8	0.9	11	SOUTHERN SUMATERA, INDONESIA
04	18	03	21.4*	1.855	N	97.289	E	33	N		0.9	10	NORTHERN SUMATERA, INDONESIA
04	18	25	56.5&	36.072	N	117.625	W	1				13	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 2.8 (PAS).
04	18	34	05.1&	33.541	S	71.345	W	57				12	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 2.7 (GUC).
04	18	35	32.0&	38.030	N	29.973	E	10				4	TURKEY. <ISK>. MD 3.0 (ISK).
04	18	38	22.4*	13.747	S	166.943	E	33	N	3.9	0.9	10	VANUATU ISLANDS
04	18	46	46.5&	61.708	N	151.609	W	93				94	SOUTHERN ALASKA. <AEIC>.
04	18	50	10.4*	2.546	N	127.002	E	33	N	3.6	1.5	10	NORTHERN MOLUCCA SEA
04	19	13	53.0*	17.939	S	178.562	W	600	G	4.3	0.9	29	FIJI ISLANDS REGION
04	19	28	52.4*	3.366	S	143.126	E	33	N	3.2	1.0	8	NEAR N COAST OF NEW GUINEA, PNG.
04	21	18	16.3*	39.918	N	76.603	E	33	N	4.1	1.5	19	SOUTHERN XINJIANG, CHINA
04	21	22	00.7&	36.072	N	117.626	W	0				38	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 3.5 (PAS), 3.6 (BRK).
04	21	29	32.8&	36.480	N	3.160	W	0	G			25	STRAIT OF GIBRALTAR. <MDD>. mbLg 3.3 (MDD). Felt (III) at Adra, Spain. Also felt at Albunol, Spain.
04	21	35	57.0&	36.490	N	3.140	W	0	G			10	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.7 (MDD).
04	22	10	38.3*	63.023	S	148.236	E	10	G	4.2	1.5	15	BALLENY ISLANDS REGION
04	22	52	35.3	50.669	N	171.134	W	33	N	4.8	0.9	62	SOUTH OF ALEUTIAN ISLANDS. ML 4.5 (PMR).
04	23	16	24.2&	44.119	N	7.120	E	10				14	NORTHERN ITALY. <GEN>. ML 2.0 (GEN), 1.8 (LDG).
04	23	19	08.5&	39.130	N	2.020	W	0	G			7	SPAIN. <MDD>. mbLg 1.9 (MDD).
04	23	25	48.5*	40.911	N	22.784	E	10	G		1.2	8	GREECE
05	00	18	34.4*	47.134	N	150.775	E	33	N		1.1	6	KURIL ISLANDS
05	00	33	05.9*	1.709	S	142.609	E	33	N	3.7	1.3	8	NINIGO ISLANDS REGION, P.N.G.
05	00	45	38.7*	24.972	N	125.358	E	33	N	3.8	1.3	14	SOUTHWESTERN RYUKYU ISLANDS. Felt (I JMA) on Miyako-shima.
05	01	14	24.5*	23.827	N	122.631	E	33	N	4.2	1.2	13	TAIWAN REGION
05	01	16	08.5&	17.910	N	66.620	W	7				8	PUERTO RICO REGION. <MPR>. MD 2.6 (MPR).
05	01	53	57.3	35.435	N	138.154	E	33	N	4.5	1.1	38	EASTERN HONSHU, JAPAN. Felt (II JMA) in parts of Nagano and Yamanashi; (I JMA) in western Kanagawa, northern Mie and parts of Aichi, Gifu, Shiga, Shizuoka and Tochigi Prefectures.
05	01	56	16.6&	33.214	S	70.211	W	103				9	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.3 (GUC).
05	03	15	35.8	14.834	S	167.299	E	150	G	4.6	1.1	89	VANUATU ISLANDS
05	03	32	47.3*	4.241	S	141.810	E	84	?	3.8	0.4	9	NEW GUINEA, PAPUA NEW GUINEA
05	04	00	06.2*	23.223	S	170.121	E	33	N	4.3	1.3	26	LOYALTY ISLANDS REGION
05	04	20	54.5&	19.250	N	67.390	W	39				8	MONA PASSAGE. <MPR>. MD 3.1 (MPR).
05	04	40	28.7&	37.310	N	1.260	W	2				12	SPAIN. <MDD>. mbLg 2.4 (MDD).
05	04	52	42.1&	33.071	S	70.391	W	109				10	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.1 (GUC).
05	06	54	45.2	54.296	N	161.418	E	100	G	4.3	0.9	29	NEAR EAST COAST OF KAMCHATKA
05	07	28	26.0&	16.666	N	99.038	W	7				6	NEAR COAST OF GUERRERO, MEXICO. <UNM>. MD 3.7 (UNM).
05	08	17	27.5&	63.034	N	148.690	W	76		3.5		26	CENTRAL ALASKA. <AEIC>. Felt as far as Fairbanks.
05	08	52	27.0&	60.124	N	152.934	W	101		3.3		31	SOUTHERN ALASKA. <AEIC>.
05	10	17	16.6	52.006	N	175.028	E	33	N	4.8	1.0	83	RAT ISLANDS, ALEUTIAN ISLANDS. ML 5.3 (PMR). Felt on Shemya.
05	11	07	11.8*	55.089	N	163.276	E	33	N	4.0	0.6	11	OFF EAST COAST OF KAMCHATKA
05	11	37	36.2*	42.870	N	12.845	E	10	G		1.4	25	CENTRAL ITALY. ML 3.3 (LDG), 3.3 (TRI), 3.3 (VIE).
05	13	08	47.5&	59.502	N	151.840	W	52				18	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.6 (AEIC).
05	14	33	31.3&	43.000	N	0.000	E	2				6	FRANCE. <LDG>. ML 2.5 (LDG).
05	15	00	05.7&	36.075	N	117.625	W	1				17	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 2.8 (PAS).
05	15	11	44.7?	39.44	S	173.34	E	33	N		0.5	9	OFF W. COAST OF N. ISLAND, N.Z. ML 4.2 (WEL).
05	15	12	34.3*	63.026	S	144.553	E	10	G	4.4	1.3	11	SOUTH OF AUSTRALIA
05	15	52	20.0	43.185	N	12.719	E	10	G	4.7 4.4	1.2	263	CENTRAL ITALY. ML 5.3 (VIE), 5.1 (STR), 5.0 (FUR), 5.0 (TRI), 4.8 (LDG), 4.6 (FBB). Further damage to buildings in the Gualdo Tadino-Nocera Umbra area. Felt strongly in the Marche and Umbria regions.
05	16	04	29.1*	43.230	N	12.510	E	10	G		0.7	16	CENTRAL ITALY. ML 3.0 (LDG).
05	16	17	12.1*	8.061	S	74.440	W	156	D	3.6	0.8	14	PERU-BRAZIL BORDER REGION
05	17	51	30.2&	32.555	S	68.924	W	8				9	MENDOZA PROVINCE, ARGENTINA. <GUC>. MD 2.9 (GUC).
05	17	56	14.1&	30.725	S	71.567	W	47				13	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.2 (GUC).
05	18	23	27.0&	44.240	N	110.780	W	1				20	YELLOWSTONE REGION, WYOMING. <SLC-P>. ML 3.2 (GS).
05	18	28	22.3	1.918	N	98.257	E	100	G	4.3	1.1	33	NORTHERN SUMATERA, INDONESIA
05	18	45	38.3*	39.433	S	174.695	E	150	G		0.2	8	NORTH ISLAND, NEW ZEALAND
05	18	57	02.9*	85.364	N	88.301	E	10	G	3.7	0.7	8	NORTH OF SEVERNAYA ZEMLYA
05	19	26	04.0&	40.882	N	28.756	E	9				4	TURKEY. <ISK>. MD 2.7 (ISK).
05	20	02	45.9?	39.47	S	174.60	E	200	G		0.1	7	NORTH ISLAND, NEW ZEALAND
05	20	14	54.9	37.954	N	112.538	W	5	G		0.6	26	UTAH. ML 3.4 (GS).
05	21	50	08.7	40.480	S	174.498	E	33	N		0.3	7	COOK STRAIT, NEW ZEALAND. ML 3.7 (WEL).
05	23	00	57.3&	33.909	S	70.912	W	71				9	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.5 (GUC).
05	23	52	26.9&	41.065	N	124.042	W	20				10	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 3.3 (GM). ML 3.5 (BRK), 3.4 (GS).
06	00	09	20.2	51.584	N	16.063	E	5	G		0.6	29	POLAND. ML 4.0 (GRF), 3.7 (FUR), 3.6 (VIE), 3.6 (WAR).
06	00	11	15.6&	36.990	N	1.670	W	0	G	3.6		37	WESTERN MEDITERRANEAN SEA. <MDD>. mbLg 3.4 (MDD). Felt (IV) at Aguilas, Carboneras, Garrucha, Mojacar, Palomares, Turre and Vera.
06	00	19	23.0&	63.094	N	150.922	W	120		2.4		61	CENTRAL ALASKA. <AEIC>.
06	00	38	29.4&	41.500	N	27.575	E	5		3.4		29	TURKEY. <ISK>. MD 3.6 (ISK).
06	01	13	24.2*	6.217	S	151.787	E	46	D	4.2	0.8	18	NEW BRITAIN REGION, P.N.G.
06	01	15	53.0&	63.767	N	149.805	W	131				9	CENTRAL ALASKA. <AEIC>.

06	01	53	28.5&	38.928	N	25.812	E	10	G			4	AEGEAN SEA. <ISK>. MD 3.1 (ISK).
06	02	03	46.8&	43.000	N	0.200	E	2				7	FRANCE. <LDG>. ML 2.5 (LDG).
06	02	12	05.2*	25.100	S	69.838	W	80	D	4.3	0.9	20	NORTHERN CHILE
06	02	34	36.3	53.189	N	160.278	E	57	D	4.1	0.6	19	NEAR EAST COAST OF KAMCHATKA
06	02	35	27.6	54.666	N	161.433	E	40	D	4.8	0.7	89	NEAR EAST COAST OF KAMCHATKA
06	03	53	21.6?	62.88	S	150.44	E	10	G	3.9	1.0	7	BALLENY ISLANDS REGION
06	04	53	32.9*	15.899	S	174.003	W	33	N	4.0	0.7	12	TONGA ISLANDS
06	05	28	52.7	27.929	N	143.529	E	36	D	5.0	0.7	105	BONIN ISLANDS REGION
06	05	44	25.5&	60.289	N	153.454	W	170		4.2		120	SOUTHERN ALASKA. <AEIC>.
06	07	11	45.7*	14.765	S	73.060	W	33	N	4.5	1.4	21	CENTRAL PERU
06	07	20	10.4*	50.163	N	5.970	E	5	G		0.6	11	BELGIUM. ML 2.8 (LDG).
06	07	20	30.5*	10.623	S	117.447	E	33	N	4.4	1.4	5	SOUTH OF SUMBAWA, INDONESIA
06	07	28	35.6	4.608	S	143.340	E	107		4.9	0.8	120	NEW GUINEA, PAPUA NEW GUINEA. Mw 5.1 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 07:28:41.7; Lat 4.53 S; Lon 143.40 E; Dep 83.6; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=5.29, Plg=14, Azm=238; (N) Val=-0.80, Plg=13, Azm=145; (P) Val=-4.49, Plg=70, Azm=13; Best double couple: Mo=4.9*10**16 Nm; NP1: Strike=347, Dip=33, Slip=-65; NP2: Strike=137, Dip=61, Slip=-105.
06	07	33	23.1	35.087	N	33.872	E	50	G		0.8	20	CYPRUS REGION. MD 3.4 (ISK).
06	07	39	02.3?	10.40	S	117.90	E	33	N	3.6	0.9	6	SOUTH OF SUMBAWA, INDONESIA
06	07	45	08.1	27.962	N	143.563	E	10	G	4.1	1.2	29	BONIN ISLANDS REGION
06	07	47	00.8*	16.835	S	74.325	W	33	N	4.0	0.9	12	NEAR COAST OF PERU
06	07	49	17.3*	25.695	N	125.515	E	62	*	4.1	0.6	8	SOUTHWESTERN RYUKYU ISLANDS
06	07	59	48.0&	60.094	N	153.063	W	111				51	SOUTHERN ALASKA. <AEIC>.
06	08	02	47.1	35.098	N	33.968	E	33	N		0.6	10	CYPRUS REGION. MD 3.2 (ISK). ML 2.6 (GII).
06	08	17	48.2*	42.104	N	13.705	E	10	G		1.0	8	CENTRAL ITALY
06	08	20	38.7*	25.760	N	125.484	E	65	*	4.1	1.0	10	SOUTHWESTERN RYUKYU ISLANDS
06	08	56	53.3*	44.868	S	167.897	E	80	*	3.8	1.1	8	SOUTH ISLAND, NEW ZEALAND. Felt at Dunedin and Te Anau.
06	09	21	43.8*	28.719	N	142.388	E	33	N		0.7	8	BONIN ISLANDS REGION
06	09	43	53.4&	35.646	S	71.222	W	131				11	CENTRAL CHILE. <GUC>. MD 3.5 (GUC).
06	09	50	11.0&	38.882	N	26.860	E	5				6	AEGEAN SEA. <ISK>. MD 3.1 (ISK).
06	11	20	13.2*	43.297	N	12.288	E	10	G		1.2	14	CENTRAL ITALY. ML 3.1 (LDG), 3.1 (VIE).
06	11	21	54.6&	32.725	S	71.717	W	15				12	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.9 (GUC).
06	11	40	39.3	32.623	S	68.789	W	23			0.7	14	MENDOZA PROVINCE, ARGENTINA. MD 4.5 (GUC).
06	12	33	25.7&	32.710	S	71.729	W	29				12	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.1 (GUC).
06	12	48	12.3	19.807	S	176.182	W	285	?	4.3	1.0	60	FIJI ISLANDS REGION
06	13	03	55.6*	62.145	N	173.123	E	10	G	4.2	0.9	14	EASTERN SIBERIA, RUSSIA
06	13	07	06.4	41.189	S	174.205	E	59		3.6	0.5	11	COOK STRAIT, NEW ZEALAND. Felt at Picton on the South Island.
06	13	10	54.5	24.355	S	66.873	W	167	?	4.2	0.9	36	SALTA PROVINCE, ARGENTINA
06	14	25	04.3&	61.823	N	151.092	W	65				83	SOUTHERN ALASKA. <AEIC>. ML 3.7 (AEIC), 3.8 (PMR).
06	14	28	46.4*	19.858	S	67.767	W	268	*	3.8	0.8	11	SOUTHERN BOLIVIA
06	17	14	49.8*	7.079	S	129.579	E	150	G	3.8	1.1	7	BANDA SEA
06	18	49	46.1&	32.801	S	69.178	W	10				13	MENDOZA PROVINCE, ARGENTINA. <GUC>. MD 4.1 (GUC).
06	18	55	24.2*	14.910	S	173.744	W	33	N	4.5	1.3	59	SAMOA ISLANDS REGION
06	19	08	54.7&	32.077	S	70.263	W	124				14	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.7 (GUC).
06	19	35	19.2&	18.680	N	67.200	W	14				8	MONA PASSAGE. <MPR>. MD 2.7 (MPR).
06	20	11	47.2&	34.604	S	71.119	W	89				12	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.5 (GUC).
06	22	19	28.8&	62.218	N	150.927	W	76				54	CENTRAL ALASKA. <AEIC>.
06	23	14	55.6&	43.200	N	5.100	E	2				10	NEAR SOUTH COAST OF FRANCE. <LDG>. ML 2.6 (LDG).
06	23	22	42.2*	3.039	S	128.092	E	33	N	4.2	0.7	11	SERAM, INDONESIA
06	23	55	17.7	30.857	S	71.372	W	64	D	4.4	0.8	37	NEAR COAST OF CENTRAL CHILE. MD 4.7 (GUC). Felt (V) at Punitaqui; (IV) at Monte Patria and Ovalle; (III) at La Serena and Salamanca; (II) at Illapel, La Ligua, Papudo, Petorca, Quilpue, Santiago and Zapallar.
07	00	12	26.6*	50.331	N	178.399	E	33	N	3.9	1.1	18	RAT ISLANDS, ALEUTIAN ISLANDS. ML 3.5 (PMR).
07	00	27	06.0	34.385	N	141.467	E	33	N	4.9 4.5	0.9	90	OFF EAST COAST OF HONSHU, JAPAN
07	00	51	33.7?	45.94	N	12.34	E	10	G		0.8	8	NORTHERN ITALY. ML 2.7 (VIE).
07	00	59	28.7*	51.506	N	15.964	E	5	G		0.3	8	POLAND. ML 3.5 (GRF), 2.9 (WAR).
07	01	35	39.4*	27.942	N	143.465	E	33	N	4.2	1.1	16	BONIN ISLANDS REGION
07	02	43	33.2	4.953	N	122.724	E	624		4.7	1.0	45	CELEBES SEA
07	02	53	38.9*	27.450	N	53.415	E	33	N	4.4	1.2	28	SOUTHERN IRAN
07	03	43	37.2&	38.689	N	26.384	E	10	G			11	AEGEAN SEA. <ISK>. MD 3.5 (ISK).
07	03	56	10.9*	4.579	N	125.481	E	200	G	4.2	1.3	17	TALAUD ISLANDS, INDONESIA
07	04	06	22.1&	36.870	N	3.010	W	0	G			6	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.2 (MDD).
07	04	38	53.5	5.599	S	147.261	E	135		4.6	0.7	26	EASTERN NEW GUINEA REG., P.N.G.
07	05	11	43.6	64.770	N	137.618	W	10	G	4.2	0.9	91	SOUTHERN YUKON TERRITORY, CANADA. ML 4.5 (AEIC), 4.3 (PGC).
07	05	19	07.1&	34.487	S	71.398	W	38				11	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.5 (GUC).
07	06	20	10.4&	45.700	N	3.800	E	2				14	FRANCE. <LDG>. ML 2.5 (LDG).
07	06	53	24.6*	54.026	N	34.899	W	10	G	4.5	1.3	11	NORTH ATLANTIC OCEAN
07	07	12	21.9&	38.101	N	29.949	E	10	G			5	TURKEY. <ISK>. MD 3.1 (ISK).
07	07	45	19.3	35.524	N	0.097	W	10	G		1.0	43	NORTHERN ALGERIA. mbLg 3.2 (MDD).
07	07	47	01.3	0.695	N	130.533	E	33	N	4.6	1.3	33	IRIAN JAYA REGION, INDONESIA
07	08	31	48.1&	36.520	N	3.140	W	0	G			7	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.1 (MDD).
07	08	48	30.4*	23.614	S	179.986	W	500	G	4.1	1.3	19	SOUTH OF FIJI ISLANDS
07	09	13	36.6&	32.839	S	70.274	W	105				12	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.0 (GUC).
07	09	32	44.9	6.296	S	147.293	E	86		4.7	0.9	41	EASTERN NEW GUINEA REG., P.N.G.
07	09	34	07.9&	44.900	N	2.900	E	2				31	FRANCE. <LDG>. ML 3.4 (LDG).
07	10	18	57.8*	5.391	N	124.743	E	405	?	4.4	1.1	30	MINDANAO, PHILIPPINE ISLANDS
07	12	20	07.2	2.294	S	138.923	E	33	N	4.1	1.2	20	IRIAN JAYA, INDONESIA
07	12	47	41.4&	44.855	N	6.653	E	12				6	FRANCE. <GEN>. ML 2.0 (GEN).
07	13	12	42.6	14.277	N	91.620	W	68	D	5.0	1.1	153	GUATEMALA. Mw 5.6 (HRV). MD 5.1 (UNM). Centroid, Moment Tensor (HRV): Centroid origin time 13:12:44.0; Lat 14.15 N; Lon 92.02 W; Dep 52.3; Half-duration 1.5 sec; Principal axes (scale 10**17 Nm): (T) Val=2.73, Plg=23, Azm=58; (N) Val=0.01, Plg=21, Azm=319; (P) Val=-2.74, Plg=58, Azm=192; Best double couple: Mo=2.7*10**17 Nm; NP1: Strike=183, Dip=28, Slip=-42; NP2: Strike=312, Dip=71, Slip=-112.
07	13	38	49.2	37.259	N	72.127	E	231	D	4.2	0.9	28	TAJIKISTAN
07	13	51	35.7*	17.694	S	179.004	W	583	?	4.3	0.7	28	FIJI ISLANDS REGION
07	14	28	24.9*	17.477	S	178.947	W	600	G	4.2	1.0	20	FIJI ISLANDS REGION

07	15	11	19.8&	37.810	N	6.670	W	9				6	SPAIN. <MDD>. mbLg 2.0 (MDD).
07	15	14	50.5*	20.324	S	177.466	W	350	G	4.3	1.1	30	FIJI ISLANDS REGION
07	15	18	44.6	58.992	S	25.971	W	100	G	4.5	0.7	30	SOUTH SANDWICH ISLANDS REGION
07	15	34	19.4*	50.502	N	155.482	E	137	D	4.5	1.1	12	KURIL ISLANDS
07	15	49	54.2?	6.88	S	128.91	E	33	N	4.2	1.1	8	BANDA SEA
07	17	23	18.2?	38.56	S	176.16	E	150	G		0.3	9	NORTH ISLAND, NEW ZEALAND
07	17	28	44.4&	46.300	N	0.800	E	2				7	FRANCE. <LDG>. ML 2.2 (LDG).
07	17	28	52.9	5.415	S	149.973	E	246		4.1	0.6	23	NEW BRITAIN REGION, P.N.G.
07	17	52	04.6*	42.952	N	142.387	E	124	*	3.7	1.3	10	HOKKAIDO, JAPAN REGION
07	19	13	18.4*	51.491	N	16.180	E	5	G		0.9	5	POLAND. ML 2.6 (WAR), 2.4 (CLL).
07	19	17	47.1&	37.910	N	27.757	E	6				12	TURKEY. <ISK>. MD 3.6 (ISK).
07	19	47	35.8*	51.691	N	178.646	W	33	N	4.0	0.9	17	ANDREANOF ISLANDS, ALEUTIAN IS.
07	20	03	04.4*	31.629	S	69.118	W	122	*	4.3	0.9	16	SAN JUAN PROVINCE, ARGENTINA
07	21	04	56.5*	3.613	N	31.704	W	10	G	4.1	0.9	15	CENTRAL MID-ATLANTIC RIDGE
07	21	10	15.8?	7.63	S	129.24	E	33	N	3.9	1.6	5	BANDA SEA
07	21	36	54.7&	41.111	N	15.810	E	10	G			99	SOUTHERN ITALY. <ROM>. MD 3.8 (ROM).
07	22	21	36.6	4.007	S	152.418	E	184		4.5	0.8	53	NEW BRITAIN REGION, P.N.G.
07	22	35	11.7*	45.065	N	150.359	E	33	N	4.0	0.6	12	KURIL ISLANDS
07	23	05	23.5*	28.537	N	143.476	E	43	D	4.1	1.4	15	BONIN ISLANDS REGION
07	23	09	15.9	11.114	S	74.263	W	33	N	4.9	1.0	74	CENTRAL PERU
07	23	25	58.7?	13.25	N	89.86	W	150	G	4.4	1.3	19	EL SALVADOR
07	23	53	49.3*	21.234	N	119.998	E	33	N	3.9	0.7	11	TAIWAN REGION
08	00	19	59.2&	38.148	N	30.072	E	10	G			4	TURKEY. <ISK>. MD 3.1 (ISK).
08	00	46	28.4?	5.81	S	153.03	E	33	N	3.7	0.6	8	NEW IRELAND REGION, P.N.G.
08	01	14	50.1%	38.800	S	176.580	E	150	G		1.1	14	NORTH ISLAND, NEW ZEALAND
08	01	51	02.4	53.393	N	35.213	W	10	G	4.5	1.0	51	NORTH ATLANTIC OCEAN
08	01	57	37.2	41.519	N	141.971	E	73	D	4.7	0.9	68	HOKKAIDO, JAPAN REGION. Felt (II JMA) in eastern Aomori Prefecture, Honshu. Also felt (I JMA) in southern Hokkaido.
08	02	20	32.0	46.438	N	15.217	E	10	G		0.4	6	NORTHWESTERN BALKAN REGION. ML 2.1 (VIE), 1.4 (LJU).
08	02	44	06.3%	40.622	S	174.158	E	10	G		0.5	9	COOK STRAIT, NEW ZEALAND. ML 3.7 (WEL).
08	04	02	33.1	15.986	N	95.654	W	33	N	5.0 4.3	1.2	133	NEAR COAST OF OAXACA, MEXICO. Mw 5.0 (HRV). MD 4.8 (UNM). Centroid, Moment Tensor (HRV): Centroid origin time 04:02:32.6; Lat 15.93 N; Lon 95.68 W; Dep 24.4; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=3.51, Plg=15, Azm=213; (N) Val=1.16, Plg=13, Azm=306; (P) Val=-4.67, Plg=69, Azm=75; Best double couple: Mo=4.1*10**16 Nm; NP1: Strike=284, Dip=32, Slip=-116; NP2: Strike=134, Dip=62, Slip=-75.
08	04	33	03.5&	21.499	N	99.369	W	20				10	CENTRAL MEXICO. <UNM>. MD 3.3 (UNM).
08	04	34	22.7&	21.085	N	99.241	W	35				6	CENTRAL MEXICO. <UNM>. MD 3.7 (UNM).
08	04	50	36.5&	63.337	N	149.596	W	103		2.7		81	CENTRAL ALASKA. <AEIC>.
08	04	50	47.3%	40.708	S	175.477	E	31			0.2	10	NORTH ISLAND, NEW ZEALAND. ML 3.7 (WEL).
08	04	59	52.8&	54.216	N	162.508	W	2		3.1		20	ALASKA PENINSULA. <AEIC>. ML 3.7 (AEIC).
08	05	05	40.1&	38.781	N	122.760	W	4				13	NORTHERN CALIFORNIA. <GM-P>. ML 2.9 (GM), 3.0 (BRK).
08	05	10	50.2?	27.90	N	143.89	E	33	N	3.5	0.1	5	BONIN ISLANDS REGION
08	05	32	56.4	3.454	S	145.959	E	33	N	4.8	1.3	35	NEAR N COAST OF NEW GUINEA, PNG.
08	05	43	53.2&	63.268	N	149.750	W	16				48	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC), 3.1 (PMR).
08	06	38	30.3&	37.144	N	28.081	E	10				5	TURKEY. <ISK>. MD 3.3 (ISK).
08	07	32	34.7*	6.508	S	131.437	E	33	N	4.8	1.1	10	TANIMBAR ISLANDS REG., INDONESIA
08	07	34	42.7?	28.01	N	143.53	E	33	N	3.9	1.0	9	BONIN ISLANDS REGION
08	08	01	13.8?	8.57	S	156.94	E	33	N	3.9	1.1	7	SOLOMON ISLANDS
08	08	43	43.2&	45.400	N	1.800	E	2				10	FRANCE. <LDG>. ML 2.5 (LDG).
08	08	52	29.7*	27.955	N	143.597	E	33	N	3.8	1.2	16	BONIN ISLANDS REGION
08	09	18	29.7?	39.01	S	174.92	E	200	G		0.3	8	NORTH ISLAND, NEW ZEALAND
08	09	20	41.9?	50.06	S	119.56	E	10	G		0.9	8	SOUTH OF AUSTRALIA
08	09	36	25.4%	44.625	N	6.788	E	10	G		0.9	12	FRANCE
08	10	07	49.8&	45.700	N	2.600	E	2				10	FRANCE. <LDG>. ML 2.5 (LDG).
08	10	50	05.1*	28.061	N	143.571	E	33	N	4.0	1.0	7	BONIN ISLANDS REGION
08	12	00	07.5&	18.236	N	95.301	W	46				16	VERACRUZ, MEXICO. <UNM>. MD 4.1 (UNM).
08	12	44	51.8&	43.382	N	8.314	E	13				9	CORSICA. <GEN>. ML 2.2 (GEN).
08	12	51	25.1%	29.666	N	67.941	E	33	N		0.4	8	PAKISTAN
08	12	58	09.9	20.972	S	178.702	W	550	G	4.6	1.0	62	FIJI ISLANDS REGION
08	14	23	03.4*	35.323	N	87.857	E	33	N	3.2	1.4	12	XIZANG
08	15	04	30.7&	38.582	N	27.936	E	10	G			4	TURKEY. <ISK>. MD 3.1 (ISK).
08	15	14	43.1*	42.484	N	142.245	E	132	*	4.2	1.1	18	HOKKAIDO, JAPAN REGION. Felt (I JMA) in east-central Hokkaido.
08	15	16	45.9?	43.14	N	144.34	E	133	?	4.4	1.0	13	HOKKAIDO, JAPAN REGION
08	15	18	23.3&	47.370	N	6.180	E	1	G			5	FRANCE. <STR>. ML 1.9 (STR).
08	15	52	47.8*	11.045	S	165.209	E	27	D	4.2	1.0	19	SANTA CRUZ ISLANDS
08	16	04	40.1*	25.455	N	127.266	E	33	N	4.1	1.0	13	RYUKYU ISLANDS
08	16	07	41.1*	0.524	S	124.355	E	33	N	4.4	1.4	14	SOUTHERN MOLUCCA SEA
08	17	02	25.5&	45.900	N	0.900	E	2				6	FRANCE. <LDG>. ML 2.2 (LDG).
08	17	18	02.4?	12.95	N	119.88	E	100	G	4.4	1.2	9	PHILIPPINE ISLANDS REGION
08	17	25	53.1*	5.395	S	146.377	E	33	N	3.8	0.9	11	EASTERN NEW GUINEA REG., P.N.G.
08	17	44	35.3	36.959	N	140.752	E	89	D	4.9	0.9	162	NEAR EAST COAST OF HONSHU, JAPAN. Mw 5.1 (HRV). Felt (III JMA) in eastern Fukushima Prefecture. Felt in many parts of eastern Honshu from Kanagawa to Miyagi Prefectures. Centroid, Moment Tensor (HRV): Centroid origin time 17:44:37.7; Lat 37.13 N; Lon 141.32 E; Dep 116.6; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=3.75, Plg=23, Azm=258; (N) Val=1.30, Plg=0, Azm=168; (P) Val=-5.05, Plg=67, Azm=78; Best double couple: Mo=4.4*10**16 Nm; NP1: Strike=348, Dip=22, Slip=-90; NP2: Strike=168, Dip=68, Slip=-90.
08	18	16	49.0&	36.940	N	89.020	W	14				15	NEW MADRID, MISSOURI REGION. <TEIC>. mbLg 3.2 (GS). Felt at Arlington and Wickliffe, Kentucky.
08	18	48	37.1*	35.579	N	79.973	E	33	N	3.2	1.2	10	KASHMIR-XIZANG BORDER REGION
08	19	43	43.9	41.277	N	22.699	E	10	G		1.2	16	NORTHWESTERN BALKAN REGION
08	20	06	16.5	53.586	N	35.300	W	10	G	4.8 4.6	0.8	123	NORTH ATLANTIC OCEAN
08	20	12	58.0	53.566	N	35.290	W	10	G	4.8	0.7	161	NORTH ATLANTIC OCEAN
08	20	14	16.5?	5.27	S	150.88	E	33	N	3.9	0.9	6	NEW BRITAIN REGION, P.N.G.
08	20	24	57.2&	43.400	N	0.600	W	3				5	PYRENEES. <LDG>. ML 2.3 (LDG).
08	20	43	05.5&	36.870	N	4.590	W	0	G			9	STRAIT OF GIBRALTAR. <MDD>. mbLg 1.9 (MDD).

08	20	48	29.1	53.570	N	35.331	W	10	G	4.3	0.6	28	NORTH ATLANTIC OCEAN
08	21	55	27.3&	48.670	N	6.320	E	2				17	FRANCE. <STR>. ML 2.4 (LDG), 1.9 (STR).
08	21	58	38.1*	30.827	N	142.024	E	33	N	4.0	1.0	22	SOUTH OF HONSHU, JAPAN
08	22	20	06.8*	30.859	N	142.790	E	33	N	4.3	1.3	17	SOUTH OF HONSHU, JAPAN
08	22	36	57.1&	18.360	N	66.200	W	58				7	PUERTO RICO REGION. <MPR>. MD 2.8 (MPR).
08	22	53	35.8%	38.655	S	176.759	E	100	G		0.9	12	NORTH ISLAND, NEW ZEALAND
09	00	22	44.1&	47.600	N	7.400	E	2				15	SWITZERLAND. <LDG>. ML 2.4 (LDG).
09	00	29	28.4&	47.650	N	7.380	E	2	G			14	SWITZERLAND. <STR>. ML 2.1 (LDG), 1.4 (STR).
09	00	39	01.0	6.363	S	153.728	E	33	N	4.2	1.0	26	NEW BRITAIN REGION, P.N.G.
09	00	50	57.7&	49.340	N	6.960	E	2	G			4	GERMANY. <STR>. ML 1.4 (STR).
09	01	18	24.0*	63.660	S	148.292	E	10	G	4.1	1.5	13	BALLENY ISLANDS REGION
09	01	27	51.6?	17.53	S	178.97	W	500	G	4.2	1.0	14	FIJI ISLANDS REGION
09	02	31	51.9*	43.388	N	12.309	E	10	G		0.9	12	CENTRAL ITALY. ML 3.0 (LDG).
09	02	41	31.8&	44.088	N	7.373	E	4				6	NORTHERN ITALY. <GEN>. ML 1.8 (GEN).
09	03	15	29.8*	15.516	N	104.086	W	100	G	4.1	0.8	24	OFF COAST OF MICHOACAN, MEXICO
09	03	15	31.0&	40.380	N	124.440	W	20				5	NEAR COAST OF NORTHERN CALIF. <GM-P>. ML 3.0 (GM), 3.1 (BRK).
09	03	51	28.6*	10.079	S	121.042	E	68	*	4.5	0.9	12	SAVU SEA
09	05	13	41.0&	36.400	N	89.500	W	7				15	NEW MADRID, MISSOURI REGION. <TEIC>. mbLg 2.7 (GS). Felt in the Tiptonville, Tennessee area.
09	05	29	29.9	42.810	N	144.943	E	40	D	5.0 4.4	0.9	123	HOKKAIDO, JAPAN REGION. Mw 5.1 (HRV). Felt (II) at Yuzhno-Kurilsk, Kunashir. Centroid, Moment Tensor (HRV): Centroid origin time 05:29:29.3; Lat 42.95 N; Lon 144.70 E; Dep 90.7; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=5.04, Plg=26, Azm=208; (N) Val=-0.33, Plg=1, Azm=118; (P) Val=-4.71, Plg=64, Azm=26; Best double couple: Mo=4.9*10**16 Nm; NP1: Strike=300, Dip=19, Slip=-87; NP2: Strike=117, Dip=71, Slip=-91.
09	05	34	00.8*	14.564	N	96.188	W	33	N	4.8	1.4	19	OFF COAST OF OAXACA, MEXICO
09	07	44	00.3&	43.800	N	7.600	E	2				6	NEAR SOUTH COAST OF FRANCE. <LDG>. ML 2.3 (LDG).
09	07	54	09.5&	19.280	N	67.160	W	30				6	MONA PASSAGE. <MPR>. MD 3.0 (MPR).
09	08	45	40.9	36.920	N	140.824	E	111		5.3	0.7	242	NEAR EAST COAST OF HONSHU, JAPAN. Mw 5.5 (GS), 5.5 (HRV). Felt (IV JMA) at Imaichi, Mito and Namie. Felt (III JMA) in much of Ibaraki and parts of Fukushima, Miyagi and Tochigi Prefectures. Felt in much of eastern Honshu from Iwate to Shizuoka Prefectures. Also felt on Hachijo-jima, Miyake-jima and in southern Hokkaido. Moment Tensor (GS): Dep 83; Principal axes (scale 10**17 Nm): (T) Val=2.05, Plg=20, Azm=338; (N) Val=0.01, Plg=17, Azm=241; (P) Val=-2.06, Plg=63, Azm=113; Best double couple: Mo=2.1*10**17 Nm; NP1: Strike=95, Dip=29, Slip=-53; NP2: Strike=234, Dip=67, Slip=-109. Centroid, Moment Tensor (HRV): Centroid origin time 08:45:39.5; Lat 36.95 N; Lon 141.06 E; Dep 88.9; Half-duration 1.5 sec; Principal axes (scale 10**17 Nm): (T) Val=2.09, Plg=14, Azm=348; (N) Val=0.13, Plg=28, Azm=250; (P) Val=-2.22, Plg=58, Azm=102; Best double couple: Mo=2.2*10**17 Nm; NP1: Strike=111, Dip=39, Slip=-42; NP2: Strike=236, Dip=65, Slip=-121.
09	09	24	51.1*	15.993	S	174.264	W	100	G	4.2	0.3	14	TONGA ISLANDS
09	10	15	50.3	10.515	S	75.382	W	33	N	4.3	0.6	15	CENTRAL PERU
09	10	29	31.0&	44.600	N	110.040	W	7				23	YELLOWSTONE REGION, WYOMING. <SLC-P>. ML 3.4 (GS).
09	11	43	20.9	28.511	S	179.401	W	400	G	4.3	1.4	45	KERMADEC ISLANDS REGION
09	12	24	11.4&	37.160	N	3.680	W	0	G			13	SPAIN. <MDD>. mbLg 2.3 (MDD).
09	13	11	48.9?	17.83	S	178.39	W	600	G	4.1	1.2	14	FIJI ISLANDS REGION
09	16	01	20.2*	2.426	S	133.416	E	33	N	4.0	1.1	13	IRIAN JAYA REGION, INDONESIA
09	17	02	01.3&	63.821	N	152.690	W	12				8	CENTRAL ALASKA. <AEIC>. ML 2.4 (AEIC), 2.9 (PMR).
09	17	45	24.7?	41.52	S	42.23	E	10	G		0.9	6	PRINCE EDWARD ISLANDS REGION
09	18	00	13.6	71.028	N	6.027	W	10	G	4.3	1.3	31	JAN MAYEN ISLAND REGION
09	18	03	44.6	2.534	S	135.024	E	33	N	4.5	0.9	24	IRIAN JAYA REGION, INDONESIA
09	21	39	33.6	38.452	N	113.021	W	5	G		0.7	13	UTAH. ML 3.3 (SLC). Felt at Milford.
09	21	40	58.2	38.449	N	113.015	W	5	G		0.7	8	UTAH. ML 3.3 (SLC). Felt at Milford.
09	22	28	20.8	36.595	N	21.340	E	33	N	4.2	1.0	81	SOUTHERN GREECE
09	22	37	53.7?	22.50	S	176.17	W	200	G	3.9	1.4	10	SOUTH OF FIJI ISLANDS
09	23	26	52.6	12.245	S	67.846	E	10	G	5.5 5.4	1.0	220	MID-INDIAN RIDGE. Mw 5.8 (HRV), 5.7 (GS). Me 6.6 (GS). Broadband Source Parameters (GS): Dep 6; NP1: Strike=45, Dip=85, Slip=180; NP2: Strike=315, Dip=90, Slip=-5; Radiated energy 1.7*10**14 Nm. Moment Tensor (GS): Dep 14; Principal axes (scale 10**17 Nm): (T) Val=3.94, Plg=8, Azm=5; (N) Val=-0.31, Plg=80, Azm=149; (P) Val=-3.63, Plg=6, Azm=275; Best double couple: Mo=3.8*10**17 Nm; NP1: Strike=50, Dip=80, Slip=178; NP2: Strike=140, Dip=88, Slip=10. Centroid, Moment Tensor (HRV): Centroid origin time 23:26:56.9; Lat 12.22 S; Lon 67.79 E; Dep 15.0 Fix; Half-duration 1.8 sec; Principal axes (scale 10**17 Nm): (T) Val=5.05, Plg=2, Azm=359; (N) Val=0.27, Plg=81, Azm=257; (P) Val=-5.33, Plg=9, Azm=90; Best double couple: Mo=5.2*10**17 Nm; NP1: Strike=134, Dip=82, Slip=-5; NP2: Strike=225, Dip=85, Slip=-172.
10	01	04	50.2&	59.975	N	150.827	W	39				34	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.5 (AEIC).
10	01	16	19.3?	31.22	S	68.89	W	100	G		1.0	13	SAN JUAN PROVINCE, ARGENTINA. MD 3.5 (GUC).
10	01	45	27.7*	3.172	S	147.837	E	33	N	4.1	1.1	13	BISMARCK SEA
10	02	02	54.4*	23.154	S	170.683	E	33	N	4.2	1.0	22	LOYALTY ISLANDS REGION
10	02	15	02.8?	11.40	N	86.24	W	33	N	3.9	1.0	8	NEAR COAST OF NICARAGUA
10	03	46	40.2%	32.416	S	122.513	E	10	G	4.0	0.7	12	WESTERN AUSTRALIA
10	03	47	20.4&	58.780	N	152.465	W	55				81	KODIAK ISLAND REGION. <AEIC>. ML 3.7 (AEIC), 3.9 (PMR).
10	04	59	29.5?	25.16	N	95.25	E	100	G	3.9	1.0	11	MYANMAR-INDIA BORDER REGION
10	05	03	41.3&	39.383	N	27.917	E	5				5	TURKEY. <ISK>. MD 3.0 (ISK).
10	05	22	08.4&	61.171	N	150.067	W	42				63	SOUTHERN ALASKA. <AEIC>. ML 3.0 (AEIC), 2.9 (PMR).
10	06	02	04.0&	17.740	N	68.320	W	66				7	MONA PASSAGE. <MPR>. MD 3.2 (MPR).
10	06	26	59.5&	43.100	N	0.400	W	2				13	PYRENEES. <LDG>. ML 2.8 (LDG). mbLg 2.3 (MDD). Felt (III) at Asson, France.

10	06	52	16.4	38.268	N	108.827	W	5	G		0.6	13	COLORADO. ML 3.0 (GS). Felt at Bedrock.
10	06	59	38.7*	30.415	S	177.004	W	33	N	4.4	1.3	19	KERMADEC ISLANDS, NEW ZEALAND
10	07	33	31.7	9.807	S	160.212	E	33	N	5.1 4.4	0.8	74	SOLOMON ISLANDS. Mw 5.1 (HRV).
													Centroid, Moment Tensor (HRV): Centroid origin time 07:33:30.6; Lat 10.34 S; Lon 160.47 E; Dep 43.3; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=5.31, Plg=54, Azm=292; (N) Val=1.25, Plg=33, Azm=85; (P) Val=-6.56, Plg=13, Azm=183; Best double couple: Mo=5.9*10**16 Nm; NP1: Strike=308, Dip=43, Slip=142; NP2: Strike=68, Dip=66, Slip=54.
10	09	29	29.5*	30.717	N	141.886	E	33	N	4.1	1.1	16	SOUTH OF HONSHU, JAPAN
10	09	41	02.9&	18.560	N	66.760	W	16				5	PUERTO RICO REGION. <MPR>. MD 2.4 (MPR).
10	09	47	44.7*	4.102	S	129.497	E	152	*	4.1	0.6	14	BANDA SEA
10	10	01	35.8*	37.324	S	51.968	E	10	G	4.5	1.2	22	SOUTH INDIAN OCEAN
10	10	03	20.1	21.209	S	69.637	W	63	D	5.0	1.1	97	NORTHERN CHILE. Mw 5.5 (HRV). Felt (IV) at Huara, Iquique, Pica and Pozo Almonte; (III) at Calama, Maria Elena and San Pedro de Atacama; (II) at Pisagua. Also felt at Arica and Putre.
													Centroid, Moment Tensor (HRV): Centroid origin time 10:03:25.6; Lat 21.41 S; Lon 70.19 W; Dep 83.8; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=1.98, Plg=9, Azm=31; (N) Val=-0.36, Plg=81, Azm=221; (P) Val=-1.62, Plg=2, Azm=121; Best double couple: Mo=1.8*10**17 Nm; NP1: Strike=167, Dip=82, Slip=5; NP2: Strike=76, Dip=85, Slip=172.
10	10	04	17.1?	6.61	S	129.64	E	33	N	4.1	1.2	8	BANDA SEA
10	10	10	41.9*	62.885	S	149.450	E	10	G	4.1	0.7	13	BALLENY ISLANDS REGION
10	12	06	15.5&	33.235	S	72.269	W	15				10	OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.7 (GUC).
10	12	31	38.4&	18.150	N	66.850	W	16				9	PUERTO RICO REGION. <MPR>. MD 3.0 (MPR).
10	12	31	49.1&	18.070	N	66.880	W	0				6	PUERTO RICO REGION. <MPR>. MD 2.5 (MPR).
10	12	33	36.0&	18.150	N	66.850	W	22				6	PUERTO RICO REGION. <MPR>. MD 2.3 (MPR).
10	12	50	50.0&	61.496	N	146.612	W	17				81	SOUTHERN ALASKA. <AEIC>. ML 3.7 (AEIC), 3.7 (PMR). Felt at Valdez.
10	13	35	31.7	0.193	S	124.424	E	66	*	4.3	1.1	36	SOUTHERN MOLUCCA SEA
10	14	47	09.7?	30.29	N	57.57	E	33	N		1.3	9	NORTHERN IRAN
10	15	00	53.1	32.457	N	59.976	E	33	N	5.3 5.7	1.5	227	NORTHERN IRAN. Mw 5.8 (HRV), 5.7 (GS). At least 12 people killed, 10 injured and more than 600 homes severely damaged in the Birjand-Gonabad area.
													Moment Tensor (GS): Dep 14; Principal axes (scale 10**17 Nm): (T) Val=3.70, Plg=9, Azm=134; (N) Val=1.02, Plg=80, Azm=293; (P) Val=-4.72, Plg=3, Azm=43; Best double couple: Mo=4.2*10**17 Nm; NP1: Strike=178, Dip=81, Slip=176; NP2: Strike=269, Dip=86, Slip=9.
													Centroid, Moment Tensor (HRV): Centroid origin time 15:00:54.5; Lat 32.35 N; Lon 60.10 E; Dep 33.0 Fix; Half-duration 1.9 sec; Principal axes (scale 10**17 Nm): (T) Val=5.20, Plg=15, Azm=126; (N) Val=-0.37, Plg=75, Azm=317; (P) Val=-4.83, Plg=3, Azm=217; Best double couple: Mo=5.0*10**17 Nm; NP1: Strike=263, Dip=77, Slip=9; NP2: Strike=171, Dip=81, Slip=167.
10	15	43	15.5*	44.659	N	150.360	E	49	D	4.6	1.3	40	EAST OF KURIL ISLANDS
10	15	50	03.7*	45.076	N	150.284	E	50	D	4.8	1.1	30	KURIL ISLANDS
10	16	11	48.6*	17.028	S	173.035	W	33	N	4.3	1.3	22	TONGA ISLANDS
10	16	40	38.5	1.322	S	15.651	W	10	G	5.4 5.9	1.4	194	NORTH OF ASCENSION ISLAND. Mw 6.2 (GS), 6.2 (HRV). Me 6.2 (GS).
													Broadband Source Parameters (GS): Dep 5; NP1: Strike=250, Dip=80, Slip=-175; NP2: Strike=159, Dip=85, Slip=-10; Radiated energy 3.8*10**13 Nm.
													Moment Tensor (GS): Dep 13; Principal axes (scale 10**18 Nm): (T) Val=1.97, Plg=6, Azm=207; (N) Val=0.01, Plg=77, Azm=325; (P) Val=-1.98, Plg=11, Azm=116; Best double couple: Mo=2.0*10**18 Nm; NP1: Strike=252, Dip=78, Slip=-176; NP2: Strike=161, Dip=86, Slip=-12.
													Centroid, Moment Tensor (HRV): Centroid origin time 16:40:45.1; Lat 1.18 S; Lon 15.37 W; Dep 15.0 Fix; Half-duration 2.9 sec; Principal axes (scale 10**18 Nm): (T) Val=1.97, Plg=3, Azm=213; (N) Val=0.22, Plg=67, Azm=309; (P) Val=-2.18, Plg=23, Azm=122; Best double couple: Mo=2.1*10**18 Nm; NP1: Strike=260, Dip=72, Slip=-165; NP2: Strike=165, Dip=76, Slip=-19.
10	16	42	26.8*	24.164	S	176.617	W	150	G		1.0	13	SOUTH OF FIJI ISLANDS
10	16	43	41.3	33.546	S	179.543	W	46	D	5.9 5.9	1.1	358	SOUTH OF KERMADEC ISLANDS. Mw 5.9 (GS), 5.9 (HRV). Me 5.8 (GS).
													Broadband Source Parameters (GS): Dep 24; NP1: Strike=180, Dip=45, Slip=-60; NP2: Strike=321, Dip=52, Slip=-117; Radiated energy 1.2*10**13 Nm.
													Moment Tensor (GS): Dep 27; Principal axes (scale 10**18 Nm): (T) Val=1.01, Plg=7, Azm=260; (N) Val=-0.19, Plg=23, Azm=353; (P) Val=-0.82, Plg=66, Azm=155; Best double couple: Mo=9.1*10**17 Nm; NP1: Strike=326, Dip=44, Slip=-125; NP2: Strike=190, Dip=56, Slip=-61.
													Centroid, Moment Tensor (HRV): Centroid origin time 16:43:42.0; Lat 33.65 S; Lon 179.16 W; Dep 42.4; Half-duration 2.2 sec; Principal axes (scale 10**17 Nm): (T) Val=9.27, Plg=12, Azm=273; (N) Val=0.05, Plg=17, Azm=6; (P) Val=-9.32, Plg=69, Azm=149; Best double couple: Mo=9.3*10**17 Nm; NP1: Strike=342, Dip=36, Slip=-119; NP2: Strike=197, Dip=59, Slip=-70.
10	17	09	18.1*	24.837	S	70.074	W	33	N		0.7	16	NEAR COAST OF NORTHERN CHILE
10	17	28	01.7*	33.617	S	179.431	W	33	N	4.6	1.2	25	SOUTH OF KERMADEC ISLANDS
10	18	18	47.1?	20.69	S	175.47	W	33	N	3.9	1.2	8	TONGA ISLANDS
10	19	21	15.7*	43.243	N	12.556	E	10	G		1.0	20	CENTRAL ITALY. ML 3.3 (VIE), 3.2 (LDG).
10	20	06	26.0&	34.843	S	71.130	W	94				11	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.3 (GUC).

10	20	07	16.0&	38.419	N	113.000	W	5				43	UTAH. <SLC-P>. ML 3.9 (SLC). Felt at Milford.
10	20	34	48.6	3.290	S	142.495	E	33	N	5.0	4.8 1.1	79	NEAR N COAST OF NEW GUINEA, PNG. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 20:34:46.3; Lat 3.52 S; Lon 142.60 E; Dep 27.8; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=1.23, Plg=48, Azm=296; (N) Val=0.12, Plg=40, Azm=139; (P) Val=-1.35, Plg=12, Azm=39; Best double couple: Mo=1.3*10**17 Nm; NP1: Strike=91, Dip=48, Slip=31; NP2: Strike=339, Dip=68, Slip=134.
10	21	23	37.4?	38.02	S	178.32	E	80	?	4.2	1.1	22	OFF E. COAST OF N. ISLAND, N.Z.
10	21	40	35.2&	18.150	N	67.380	W	76				5	MONA PASSAGE. <MPR>. MD 2.6 (MPR).
10	22	13	09.7?	36.22	N	70.34	E	182	?	3.1	1.3	6	HINDU KUSH REGION, AFGHANISTAN
10	22	45	33.9&	15.627	N	96.855	W	16				13	NEAR COAST OF OAXACA, MEXICO. <UNM>. MD 4.3 (UNM).
10	23	43	35.0?	24.27	S	179.64	W	500	G	4.4	0.9	20	SOUTH OF FIJI ISLANDS
10	23	45	26.2?	39.13	S	175.61	E	100	G		1.0	8	NORTH ISLAND, NEW ZEALAND
10	23	49	59.4&	33.854	S	70.078	W	5				10	CHILE-ARGENTINA BORDER REGION. <GUC>.
10	23	54	33.1&	35.980	N	4.060	W	1				12	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.4 (MDD).
11	00	44	35.7	23.635	S	176.111	W	33	N	5.7	6.1 0.9	251	SOUTH OF FIJI ISLANDS. Mw 6.2 (HRV), 6.1 (GS). Me 5.9 (GS). Ms 6.1 (BRK). Broadband Source Parameters (GS): Dep 14.5; NP1: Strike=40, Dip=75, Slip=100; NP2: Strike=186, Dip=18, Slip=57; Radiated energy 1.5*10**13 Nm. Moment Tensor (GS): Dep 15; Principal axes (scale 10**18 Nm): (T) Val=1.57, Plg=66, Azm=307; (N) Val=-0.09, Plg=11, Azm=190; (P) Val=-1.48, Plg=21, Azm=96; Best double couple: Mo=1.5*10**18 Nm; NP1: Strike=167, Dip=26, Slip=64; NP2: Strike=15, Dip=67, Slip=102. Centroid, Moment Tensor (HRV): Centroid origin time 00:44:40.7; Lat 23.85 S; Lon 175.46 W; Dep 18.0 Bdy; Half-duration 3.1 sec; Principal axes (scale 10**18 Nm): (T) Val=2.23, Plg=68, Azm=298; (N) Val=0.10, Plg=3, Azm=201; (P) Val=-2.34, Plg=21, Azm=110; Best double couple: Mo=2.3*10**18 Nm; NP1: Strike=195, Dip=24, Slip=83; NP2: Strike=22, Dip=66, Slip=93.
11	01	10	51.6	23.726	S	176.004	W	33	N	5.2	5.5 0.9	102	SOUTH OF FIJI ISLANDS. Mw 5.5 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 01:10:54.8; Lat 24.24 S; Lon 175.41 W; Dep 41.3; Half-duration 1.4 sec; Principal axes (scale 10**17 Nm): (T) Val=2.55, Plg=71, Azm=334; (N) Val=-0.73, Plg=10, Azm=212; (P) Val=-1.82, Plg=16, Azm=119; Best double couple: Mo=2.2*10**17 Nm; NP1: Strike=194, Dip=31, Slip=70; NP2: Strike=37, Dip=62, Slip=102.
11	01	19	19.3&	36.430	N	3.890	W	18				10	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.3 (MDD).
11	01	20	09.4*	23.590	S	176.094	W	33	N	4.1	1.0	21	SOUTH OF FIJI ISLANDS
11	01	21	15.4*	23.701	S	176.010	W	33	N	4.3	1.2	20	SOUTH OF FIJI ISLANDS
11	02	17	12.2&	38.790	N	0.810	W	0	G			7	SPAIN. <MDD>. mbLg 1.7 (MDD).
11	03	15	09.6	30.260	N	57.501	E	33	N	4.3	1.1	26	NORTHERN IRAN
11	03	35	28.4*	30.076	N	57.469	E	33	N	3.6	1.0	12	NORTHERN IRAN
11	04	02	16.2*	31.209	N	133.680	E	33	N	3.7	1.1	13	SOUTHEAST OF SHIKOKU, JAPAN
11	04	07	51.8	38.402	N	113.047	W	5	G		0.9	12	UTAH. ML 2.9 (GS).
11	04	15	34.0*	44.299	N	148.222	E	33	N	4.0	1.3	18	KURIL ISLANDS
11	04	26	25.6?	21.20	N	121.42	E	100	G	3.5	1.5	11	TAIWAN REGION
11	04	53	45.9*	23.644	S	175.979	W	33	N	4.5	1.0	31	TONGA ISLANDS REGION
11	05	37	18.7*	25.208	N	125.185	E	105	*	4.1	0.9	16	SOUTHWESTERN RYUKYU ISLANDS
11	06	57	28.6&	33.642	S	70.891	W	71				10	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 1.9 (GUC).
11	08	01	11.8&	38.806	N	122.810	W	2				12	NORTHERN CALIFORNIA. <GM-P>. MD 3.1 (GM).
11	08	12	07.5	15.956	N	60.538	W	33	N	4.0	0.9	13	LEEWARD ISLANDS
11	08	51	25.0&	39.440	N	29.078	E	12				7	TURKEY. <ISK>. MD 3.0 (ISK).
11	09	15	04.7&	61.630	N	151.949	W	115				20	SOUTHERN ALASKA. <AEIC>.
11	09	29	11.4	39.895	N	23.938	E	10	G	4.6	1.1	97	AEGEAN SEA. ML 4.5 (ROM).
11	09	58	48.4	3.440	N	128.071	E	184	*	4.6	0.9	62	NORTH OF HALMAHERA, INDONESIA
11	10	07	42.7	36.342	N	140.607	E	72	*	4.5	0.9	41	NEAR EAST COAST OF HONSHU, JAPAN
11	11	05	01.3&	44.668	N	7.182	E	13				95	NORTHERN ITALY. <GEN>. ML 4.1 (GEN), 4.0 (LDG), 3.9 (STR).
11	11	20	08.1*	51.462	N	16.178	E	5	G		0.7	7	POLAND. ML 3.0 (VIE), 2.8 (WAR), 2.5 (CLL).
11	11	23	10.4&	44.663	N	7.167	E	11				9	NORTHERN ITALY. <GEN>. ML 2.1 (GEN).
11	11	36	44.1&	44.658	N	7.166	E	11				9	NORTHERN ITALY. <GEN>. ML 2.0 (GEN).
11	11	46	29.0*	33.117	N	132.156	E	33	N	4.4	1.2	12	SHIKOKU, JAPAN
11	12	19	04.1*	23.528	S	176.028	W	33	N	4.3	1.1	17	SOUTH OF FIJI ISLANDS
11	12	31	01.5*	13.047	N	92.969	E	10	G	4.6	4.0 1.3	26	ANDAMAN ISLANDS, INDIA
11	13	07	38.8*	0.374	N	124.046	E	150	G	3.7	0.3	8	MINAHASSA PENINSULA, SULAWESI
11	13	12	20.8&	44.677	N	7.181	E	15				6	NORTHERN ITALY. <GEN>. ML 1.8 (GEN).
11	13	30	07.1&	59.704	N	150.219	W	12				28	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.3 (AEIC), 3.5 (PMR).
11	13	34	17.7*	36.431	N	70.757	E	206	*	3.1	0.7	8	HINDU KUSH REGION, AFGHANISTAN
11	14	09	30.6*	37.342	N	106.305	E	33	N	3.8	1.3	10	WESTERN NEI MONGOL, CHINA. ML 4.4 (BJI).
11	14	44	13.1	1.602	N	126.494	E	159	?	4.1	1.0	25	NORTHERN MOLUCCA SEA
11	15	09	55.4&	39.608	N	27.202	E	11				6	TURKEY. <ISK>. MD 2.9 (ISK).
11	17	58	17.5?	24.00	S	176.19	W	33	N	4.0	1.4	15	SOUTH OF FIJI ISLANDS
11	18	20	14.1*	0.912	S	17.131	W	10	G		1.3	10	NORTH OF ASCENSION ISLAND
11	18	21	15.6?	17.61	N	146.24	E	300	G	3.4	1.3	12	MARIANA ISLANDS
11	18	58	01.2&	44.673	N	7.171	E	13				6	NORTHERN ITALY. <GEN>. ML 1.9 (GEN).
11	19	29	15.2*	2.440	N	128.085	E	33	N	3.7	0.8	9	HALMAHERA, INDONESIA
11	19	31	18.4&	44.663	N	7.166	E	10				7	NORTHERN ITALY. <GEN>. ML 2.0 (GEN).
11	20	05	18.7*	12.427	N	126.363	E	33	N	4.0	1.1	15	PHILIPPINE ISLANDS REGION
11	20	15	14.0	34.948	N	24.497	E	33	N	4.2	1.5	70	CRETE
11	21	27	20.8*	1.099	N	126.300	E	33	N	4.4	1.1	21	NORTHERN MOLUCCA SEA
11	21	34	15.5&	37.180	N	4.260	W	4				6	SPAIN. <MDD>. mbLg 1.8 (MDD).
11	21	50	28.2&	44.666	N	7.166	E	10				17	NORTHERN ITALY. <GEN>. ML 2.3 (GEN), 2.0 (LDG).
11	21	50	36.4&	37.240	N	4.160	W	0	G			10	SPAIN. <MDD>. mbLg 1.9 (MDD).
11	22	06	12.2&	37.200	N	4.230	W	2				10	SPAIN. <MDD>. mbLg 2.0 (MDD).
11	22	28	03.2&	16.215	N	99.445	W	16				24	NEAR COAST OF GUERRERO, MEXICO. <UNM>. MD 4.3 (UNM).
11	22	37	42.4&	37.180	N	4.270	W	9				7	SPAIN. <MDD>. mbLg 1.5 (MDD).
11	22	40	38.0*	12.027	N	88.165	W	150	G	4.4	1.1	20	OFF COAST OF CENTRAL AMERICA
11	22	49	34.6&	37.210	N	4.210	W	4				9	SPAIN. <MDD>. mbLg 2.0 (MDD).

11	22	59	20.4&	37.160	N	4.250	W	6				9	SPAIN. <MDD>. mbLg 1.6 (MDD).
11	23	18	14.3	5.508	S	147.285	E	197		4.7	0.8	26	EASTERN NEW GUINEA REG., P.N.G.
11	23	28	17.2*	10.352	N	126.134	E	150	G	3.8	1.3	13	PHILIPPINE ISLANDS REGION
11	23	45	53.8&	37.180	N	4.230	W	8				5	SPAIN. <MDD>. mbLg 1.6 (MDD).
11	23	49	14.5&	42.900	N	2.500	E	2				9	PYRENEES. <LDG>. ML 2.4 (LDG).
11	23	49	59.4*	1.398	N	127.803	E	33	N	4.3	1.2	14	HALMAHERA, INDONESIA
11	23	52	25.2?	22.36	N	121.57	E	33	N	3.5	0.8	6	TAIWAN REGION
11	23	57	32.9&	37.180	N	4.220	W	9				12	SPAIN. <MDD>. mbLg 2.1 (MDD).
11	23	58	58.1&	37.200	N	4.260	W	1				17	SPAIN. <MDD>. mbLg 3.0 (MDD).
12	00	19	37.2	6.119	S	150.785	E	33	N	4.7 4.4	1.0	73	NEW BRITAIN REGION, P.N.G.
12	00	36	36.0&	37.170	N	4.240	W	0	G			7	SPAIN. <MDD>. mbLg 1.7 (MDD).
12	01	04	16.2&	18.530	N	68.680	W	146				10	MONA PASSAGE. <MPR>. MD 3.4 (MPR).
12	01	05	39.5	17.630	S	178.689	W	600	G	4.3	0.8	37	FIJI ISLANDS REGION
12	01	14	17.8*	23.634	S	176.018	W	100	G	4.4	1.1	29	SOUTH OF FIJI ISLANDS
12	01	16	11.0	23.579	S	176.098	W	100	G	4.5	0.8	32	SOUTH OF FIJI ISLANDS
12	01	18	20.4&	37.170	N	4.210	W	8				6	SPAIN. <MDD>. mbLg 1.9 (MDD).
12	01	35	20.6&	44.553	N	7.128	E	11				7	NORTHERN ITALY. <GEN>. ML 1.8 (GEN).
12	01	56	09.1*	38.198	S	179.309	E	10	G		1.4	17	OFF E. COAST OF N. ISLAND, N.Z. ML 4.6 (WEL).
12	02	01	20.3&	17.341	N	100.701	W	16				18	GUERRERO, MEXICO. <UNM>. MD 4.0 (UNM).
12	02	09	34.3&	60.478	N	150.432	W	18				37	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.5 (AEIC).
12	02	11	59.3*	4.046	S	142.648	E	150	G	4.1	1.3	19	NEW GUINEA, PAPUA NEW GUINEA
12	02	50	12.7&	37.220	N	4.190	W	0	G			13	SPAIN. <MDD>. mbLg 1.9 (MDD).
12	02	56	06.6	24.458	N	141.278	E	151	D	5.0	1.0	125	VOLCANO ISLANDS REGION. Mw 5.4 (HRV).
													Centroid, Moment Tensor (HRV): Centroid origin time 02:56:10.0; Lat 24.45 N; Lon 141.21 E; Dep 162.5; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=1.35, Plg=41, Azm=243; (N) Val=0.12, Plg=49, Azm=69; (P) Val=-1.47, Plg=3, Azm=336; Best double couple: Mo=1.4*10**17 Nm; NP1: Strike=27, Dip=60, Slip=29; NP2: Strike=282, Dip=65, Slip=147.
12	03	01	51.8&	40.382	N	26.189	E	5				6	TURKEY. <ISK>. MD 3.0 (ISK).
12	03	37	59.4&	37.220	N	4.180	W	0				12	SPAIN. <MDD>. mbLg 2.1 (MDD).
12	03	52	06.2&	59.201	N	151.854	W	52				58	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.8 (AEIC).
12	04	08	44.7*	24.135	N	127.006	E	33	N	4.5	1.5	19	SOUTHEAST OF RYUKYU ISLANDS
12	04	09	29.2	4.801	N	47.732	W	10	G	5.4 4.8	0.7	278	NORTH ATLANTIC OCEAN. Mw 5.3 (HRV).
													Centroid, Moment Tensor (HRV): Centroid origin time 04:09:29.8; Lat 4.57 N; Lon 47.62 W; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**17 Nm): (T) Val=1.02, Plg=78, Azm=323; (N) Val=-0.24, Plg=1, Azm=226; (P) Val=-0.78, Plg=12, Azm=135; Best double couple: Mo=9.0*10**16 Nm; NP1: Strike=224, Dip=33, Slip=87; NP2: Strike=47, Dip=57, Slip=92.
12	04	17	53.3&	37.240	N	4.190	W	0	G			13	SPAIN. <MDD>. mbLg 2.3 (MDD).
12	04	48	06.7&	62.158	N	152.100	W	117		2.6		73	CENTRAL ALASKA. <AEIC>.
12	04	52	58.3&	37.200	N	4.210	W	4				35	SPAIN. <MDD>. mbLg 3.6 (MDD).
12	05	00	38.5	27.971	N	139.623	E	506	*	4.3	1.0	67	BONIN ISLANDS REGION
12	05	05	02.2&	37.250	N	4.110	W	0	G			22	SPAIN. <MDD>. mbLg 3.1 (MDD).
12	05	14	29.4*	37.676	N	143.293	E	33	N	3.7	1.0	17	OFF EAST COAST OF HONSHU, JAPAN
12	05	14	49.8&	37.200	N	4.220	W	0	G			8	SPAIN. <MDD>. mbLg 2.1 (MDD).
12	05	20	08.0&	37.180	N	4.260	W	7				11	SPAIN. <MDD>. mbLg 2.0 (MDD).
12	05	25	46.2&	37.160	N	4.300	W	8				7	SPAIN. <MDD>. mbLg 1.8 (MDD).
12	05	38	30.2&	37.220	N	4.220	W	3				22	SPAIN. <MDD>. mbLg 2.9 (MDD).
12	05	39	11.8&	37.220	N	4.200	W	0				14	SPAIN. <MDD>. mbLg 2.8 (MDD).
12	05	49	59.7&	44.312	N	7.236	E	7				7	NORTHERN ITALY. <GEN>. ML 1.9 (GEN).
12	05	51	34.3&	37.100	N	4.220	W	13				6	SPAIN. <MDD>. mbLg 1.6 (MDD).
12	06	05	28.6&	37.160	N	4.250	W	9				11	SPAIN. <MDD>. mbLg 2.3 (MDD).
12	06	08	10.7&	37.220	N	4.180	W	0	G			9	SPAIN. <MDD>. mbLg 1.9 (MDD).
12	06	13	46.5&	37.190	N	4.270	W	10				9	SPAIN. <MDD>. mbLg 2.0 (MDD).
12	06	17	57.9&	37.170	N	4.240	W	4				6	SPAIN. <MDD>. mbLg 1.7 (MDD).
12	06	22	37.3&	37.160	N	4.140	W	0				14	SPAIN. <MDD>. mbLg 2.1 (MDD).
12	06	43	51.7&	37.170	N	4.330	W	0	G			9	SPAIN. <MDD>. mbLg 1.9 (MDD).
12	06	47	46.9&	37.170	N	4.330	W	0	G			7	SPAIN. <MDD>. mbLg 1.9 (MDD).
12	07	28	38.2&	37.300	N	4.240	W	2				6	SPAIN. <MDD>. mbLg 1.8 (MDD).
12	07	42	40.3&	37.200	N	4.200	W	5				25	SPAIN. <MDD>. mbLg 3.3 (MDD).
12	07	52	12.9&	37.120	N	4.400	W	0	G			9	SPAIN. <MDD>. mbLg 2.0 (MDD).
12	08	09	17.7&	37.210	N	4.190	W	2				20	SPAIN. <MDD>. mbLg 2.8 (MDD).
12	08	19	21.5&	37.180	N	4.030	W	0	G			9	SPAIN. <MDD>. mbLg 1.9 (MDD).
12	08	20	45.9&	37.230	N	4.150	W	0	G			11	SPAIN. <MDD>. mbLg 1.8 (MDD).
12	08	20	51.3&	44.346	N	7.282	E	10				5	NORTHERN ITALY. <GEN>. ML 1.7 (GEN).
12	08	27	44.2&	37.190	N	4.280	W	0	G			10	SPAIN. <MDD>. mbLg 2.0 (MDD).
12	08	34	54.7&	37.250	N	4.360	W	0	G			12	SPAIN. <MDD>. mbLg 2.2 (MDD).
12	08	38	25.9&	37.200	N	4.270	W	0	G			11	SPAIN. <MDD>. mbLg 2.0 (MDD).
12	08	47	40.7	33.181	N	87.462	E	33	N	3.8	1.2	20	XIZANG
12	08	55	51.9&	37.050	N	4.120	W	0	G			12	SPAIN. <MDD>. mbLg 2.1 (MDD).
12	09	47	33.0*	71.807	N	0.299	W	10	G	3.2	1.1	6	JAN MAYEN ISLAND REGION
12	09	51	57.8&	37.270	N	4.130	W	0	G			14	SPAIN. <MDD>. mbLg 2.4 (MDD).
12	10	16	17.0&	37.170	N	4.310	W	0	G			11	SPAIN. <MDD>. mbLg 2.4 (MDD).
12	10	18	49.1*	42.934	N	142.510	E	100	G	3.3	1.1	7	HOKKAIDO, JAPAN REGION
12	10	20	06.4&	37.210	N	4.200	W	0	G			11	SPAIN. <MDD>. mbLg 2.2 (MDD).
12	10	24	28.7&	37.220	N	4.140	W	0	G			8	SPAIN. <MDD>. mbLg 2.9 (MDD).
12	10	27	41.0*	24.386	S	176.643	W	33	N	4.6	1.1	36	SOUTH OF FIJI ISLANDS
12	10	48	57.2*	12.423	S	25.495	E	10	G	4.7 4.5	1.1	18	ZAMBIA
12	10	55	32.5	46.245	N	13.652	E	10	G	5.3 5.7	1.2	411	AUSTRIA. Mw 6.0 (CSEM), 5.7 (GS), 5.7 (HRV). ML 5.9 (LDG), 5.6 (CLL), 5.6 (STR), 5.6 (VIE), 5.5 (LJU). One person died of a heart attack at Bovec, Slovenia. Maximum intensity (VIII) in the Bovec-Kobarid area, Slovenia, where damage to buildings and landslides left 700 people homeless. Minor damage at Arnoldstein, Austria. Felt strongly throughout Slovenia and northeastern Italy. Felt throughout Austria and in parts of Croatia, Germany and Hungary.
													Moment Tensor (GS): Dep 5; Principal axes (scale 10**17 Nm): (T) Val=3.53, Plg=7, Azm=78; (N) Val=0.21, Plg=70, Azm=329; (P) Val=-3.74, Plg=19, Azm=171; Best double couple:

													Mo=3.6*10**17 Nm; NP1: Strike=213, Dip=72, Slip=-9; NP2: Strike=306, Dip=81, Slip=-161.
													Centroid, Moment Tensor (HRV): Centroid origin time 10:55:37.7; Lat 46.39 N; Lon 13.50 E; Dep 15.0 Bdy; Half-duration 1.7 sec; Principal axes (scale 10**17 Nm): (T) Val=3.17, Plg=14, Azm=81; (N) Val=0.66, Plg=66, Azm=317; (P) Val=-3.83, Plg=19, Azm=176; Best double couple: Mo=3.5*10**17 Nm; NP1: Strike=218, Dip=67, Slip=-4; NP2: Strike=309, Dip=87, Slip=-157.
													Moment Tensor (CSEM): Dep 10; Principal axes: (T) Plg=7, Azm=268; (N) Plg=82, Azm=57; (P) Plg=4, Azm=178; Best double couple: Mo=1.1*10**18 Nm; NP1: Strike=43, Dip=88, Slip=8; NP2: Strike=313, Dip=82, Slip=178.
12	10	55	40.1&	37.200	N	4.180	W	0	G			8	SPAIN. <MDD>. mbLg 2.0 (MDD).
12	10	55	46.3&	36.598	N	32.044	E	10	G			6	TURKEY. <ISK>. MD 3.2 (ISK).
12	11	03	36.1	48.046	N	145.544	E	500	G	4.3	0.9	53	SEA OF OKHOTSK
12	11	07	00.2	46.241	N	13.622	E	10	G		0.6	7	AUSTRIA. ML 2.2 (LJU).
12	11	09	02.8&	37.230	N	4.200	W	0	G			13	SPAIN. <MDD>. mbLg 2.6 (MDD).
12	11	09	48.7*	46.218	N	13.618	E	10	G		1.4	8	AUSTRIA. ML 2.8 (VIE), 2.2 (LJU).
12	11	10	58.3*	46.291	N	13.634	E	10	G		0.6	6	AUSTRIA. ML 2.2 (LJU).
12	11	13	27.9	46.222	N	13.597	E	10	G		1.3	17	AUSTRIA. ML 2.7 (LJU).
12	11	16	53.0&	15.743	N	60.916	W	22				4	LEEWARD ISLANDS. <FDF>. MG 2.6 (FDF).
12	11	17	27.4*	46.180	N	13.698	E	10	G		0.7	6	AUSTRIA. ML 1.9 (LJU).
12	11	19	50.2	23.702	S	176.052	W	100	G	4.8	1.1	83	SOUTH OF FIJI ISLANDS
12	11	20	39.8	46.245	N	13.590	E	10	G		0.8	6	AUSTRIA. ML 2.9 (VIE), 2.3 (LJU).
12	11	30	10.6*	46.264	N	13.606	E	10	G		0.5	5	AUSTRIA. ML 2.5 (VIE), 1.8 (LJU).
12	11	45	13.0*	52.636	N	169.900	W	33	N	4.4	0.8	29	FOX ISLANDS, ALEUTIAN ISLANDS
12	11	45	27.6	9.735	N	85.041	W	33	N	4.4	1.1	38	OFF COAST OF COSTA RICA
12	11	50	03.8	46.253	N	13.670	E	10	G		1.0	18	AUSTRIA. ML 3.1 (VIE), 2.8 (FUR), 2.7 (LJU).
12	11	51	23.1	46.213	N	13.718	E	10	G		1.1	9	AUSTRIA. ML 2.1 (LJU).
12	12	19	21.5&	37.210	N	4.160	W	0	G			8	SPAIN. <MDD>. mbLg 2.1 (MDD).
12	12	28	11.0&	37.230	N	4.200	W	0	G			14	SPAIN. <MDD>. mbLg 2.8 (MDD).
12	12	29	28.8	46.234	N	13.699	E	10	G		1.2	17	AUSTRIA. ML 3.4 (GRF), 3.2 (VIE), 3.1 (FUR).
12	12	33	11.7&	44.328	N	7.273	E	13				8	NORTHERN ITALY. <GEN>. ML 2.0 (GEN).
12	12	33	45.1	39.496	N	26.353	E	10	G	3.7	1.0	16	TURKEY. MD 3.9 (ISK).
12	12	34	56.6&	37.230	N	4.140	W	0	G			12	SPAIN. <MDD>. mbLg 2.1 (MDD).
12	12	36	03.1&	37.210	N	4.140	W	0	G			13	SPAIN. <MDD>. mbLg 2.8 (MDD).
12	12	41	06.2	46.286	N	13.546	E	10	G		0.6	8	AUSTRIA. ML 2.9 (VIE), 2.4 (LJU).
12	12	43	47.1&	37.230	N	4.160	W	0	G			8	SPAIN. <MDD>. mbLg 2.0 (MDD).
12	12	43	55.2	46.242	N	13.598	E	10	G		1.1	32	AUSTRIA. ML 3.6 (GRF), 3.2 (LDG), 3.2 (VIE), 3.1 (FUR).
12	12	52	41.0&	37.240	N	4.190	W	0	G			21	SPAIN. <MDD>. mbLg 3.0 (MDD).
12	12	56	50.2&	37.230	N	4.170	W	0	G			20	SPAIN. <MDD>. mbLg 2.7 (MDD).
12	13	03	26.4&	37.250	N	4.140	W	0	G			13	SPAIN. <MDD>. mbLg 2.6 (MDD).
12	13	07	05.5	9.715	N	85.000	W	33	N	4.7	4.7 1.2	96	OFF COAST OF COSTA RICA. Mw 5.3 (HRV).
													Centroid, Moment Tensor (HRV): Centroid origin time 13:07:09.1; Lat 9.48 N; Lon 84.83 W; Dep 15.0 Fix; Half-duration 1.1 sec; Principal axes (scale 10**16 Nm): (T) Val=8.93, Plg=11, Azm=178; (N) Val=-0.58, Plg=39, Azm=277; (P) Val=-8.35, Plg=49, Azm=75; Best double couple: Mo=8.6*10**16 Nm; NP1: Strike=231, Dip=48, Slip=-148; NP2: Strike=118, Dip=66, Slip=-47.
12	13	07	46.2&	37.180	N	4.260	W	0	G			11	SPAIN. <MDD>. mbLg 2.8 (MDD).
12	13	08	57.7&	37.190	N	4.240	W	0	G			7	SPAIN. <MDD>. mbLg 2.3 (MDD).
12	13	10	38.3&	37.230	N	4.230	W	0	G			24	SPAIN. <MDD>. mbLg 3.4 (MDD).
12	13	16	36.6&	37.260	N	4.200	W	0	G			16	SPAIN. <MDD>. mbLg 2.4 (MDD).
12	13	16	38.9*	46.162	N	13.575	E	10	G		0.7	6	AUSTRIA. ML 1.9 (LJU).
12	13	22	57.9&	37.230	N	4.200	W	0	G			14	SPAIN. <MDD>. mbLg 2.5 (MDD).
12	13	25	25.9&	37.220	N	4.110	W	0	G			10	SPAIN. <MDD>. mbLg 2.2 (MDD).
12	13	35	08.5&	37.250	N	4.180	W	0	G			12	SPAIN. <MDD>. mbLg 2.1 (MDD).
12	13	35	26.5	46.160	N	13.461	E	10	G		1.2	53	AUSTRIA. ML 3.9 (GRF), 3.6 (VIE), 3.5 (CLL), 3.3 (FUR), 3.3 (LDG), 3.3 (LJU).
12	13	40	07.8&	37.230	N	4.170	W	0	G			12	SPAIN. <MDD>. mbLg 2.6 (MDD).
12	13	42	24.2&	37.230	N	4.210	W	0	G			13	SPAIN. <MDD>. mbLg 2.5 (MDD).
12	14	02	41.4&	37.230	N	4.200	W	0	G			14	SPAIN. <MDD>. mbLg 2.4 (MDD).
12	14	07	53.7&	37.230	N	4.160	W	0	G			12	SPAIN. <MDD>. mbLg 2.5 (MDD).
12	14	14	06.8&	37.230	N	4.150	W	0	G			13	SPAIN. <MDD>. mbLg 2.7 (MDD).
12	14	21	35.9&	37.240	N	4.100	W	0	G			7	SPAIN. <MDD>. mbLg 2.2 (MDD).
12	14	24	08.8	46.222	N	13.636	E	10	G		1.3	28	AUSTRIA. ML 3.1 (VIE), 3.1 (LDG), 3.0 (FUR).
12	14	50	35.9&	37.220	N	4.180	W	0	G			14	SPAIN. <MDD>. mbLg 2.2 (MDD).
12	14	53	29.4&	37.200	N	4.240	W	1				11	SPAIN. <MDD>. mbLg 1.8 (MDD).
12	15	00	09.8*	57.355	N	157.936	W	87	*	2.7	1.4	8	ALASKA PENINSULA
12	15	05	01.4*	35.950	N	139.937	E	100	G	4.1	0.8	13	NEAR S. COAST OF HONSHU, JAPAN
12	15	24	04.5	46.280	N	13.536	E	10	G		0.9	7	AUSTRIA. ML 2.6 (VIE), 2.0 (LJU).
12	15	27	43.0*	17.744	N	120.358	E	33	N	3.7	1.3	9	LUZON, PHILIPPINE ISLANDS
12	15	28	56.1*	24.885	S	179.733	W	500	G	4.2	1.1	28	SOUTH OF FIJI ISLANDS
12	16	13	31.2&	44.202	N	7.169	E	5				9	NORTHERN ITALY. <GEN>. ML 2.1 (GEN).
12	16	15	39.8	46.215	N	13.548	E	10	G		1.3	58	AUSTRIA. ML 3.8 (GRF), 3.7 (VIE), 3.4 (STR), 3.4 (FUR), 3.3 (LDG).
12	16	27	23.7&	37.210	N	4.210	W	0	G			9	SPAIN. <MDD>. mbLg 1.7 (MDD).
12	16	35	28.4	23.811	S	176.020	W	33	N	4.9	5.1 1.0	65	SOUTH OF FIJI ISLANDS. Mw 5.3 (HRV).
													Centroid, Moment Tensor (HRV): Centroid origin time 16:35:32.9; Lat 24.00 S; Lon 175.48 W; Dep 32.2; Half-duration 1.0 sec; Principal axes (scale 10**17 Nm): (T) Val=1.01, Plg=66, Azm=308; (N) Val=-0.02, Plg=7, Azm=202; (P) Val=-0.99, Plg=23, Azm=109; Best double couple: Mo=1.0*10**17 Nm; NP1: Strike=185, Dip=23, Slip=72; NP2: Strike=25, Dip=68, Slip=97.
12	16	51	40.6?	9.63	N	84.90	W	33	N	3.9	1.4	10	COSTA RICA
12	17	54	19.9	52.690	N	168.069	W	33	N	4.5	0.8	25	FOX ISLANDS, ALEUTIAN ISLANDS
12	18	07	49.4*	37.680	N	77.515	E	33	N	3.3	1.4	9	SOUTHERN XINJIANG, CHINA
12	18	21	26.0&	37.210	N	4.140	W	0	G			16	SPAIN. <MDD>. mbLg 2.8 (MDD).
12	18	24	21.9&	37.210	N	4.180	W	4				15	SPAIN. <MDD>. mbLg 2.0 (MDD).
12	18	35	09.0	23.718	S	176.041	W	33	N	5.1	5.3 1.0	92	SOUTH OF FIJI ISLANDS. Mw 5.5 (HRV).

													Centroid, Moment Tensor (HRV): Centroid origin time 18:35:14.0; Lat 24.03 S; Lon 175.46 W; Dep 17.0 Bdy; Half-duration 1.4 sec; Principal axes (scale 10**17 Nm): (T) Val=1.81, Plg=68, Azm=321; (N) Val=0.15, Plg=11, Azm=201; (P) Val=-1.96, Plg=19, Azm=107; Best double couple: Mo=1.9*10**17 Nm; NP1: Strike=179, Dip=28, Slip=65; NP2: Strike=27, Dip=65, Slip=103.
12	18	47	12.1&	37.132	N	28.732	E	8				5	TURKEY. <ISK>. MD 3.0 (ISK).
12	20	04	14.2&	37.230	N	4.160	W	4				17	SPAIN. <MDD>. mbLg 2.4 (MDD).
12	20	08	34.3&	37.210	N	4.160	W	5	G			7	SPAIN. <MDD>. mbLg 2.0 (MDD).
12	20	13	40.3&	37.220	N	4.170	W	0				6	SPAIN. <MDD>. mbLg 1.6 (MDD).
12	20	18	59.6&	37.200	N	4.170	W	5				9	SPAIN. <MDD>. mbLg 1.9 (MDD).
12	20	52	47.7*	4.318	S	102.228	E	33	N	4.3	0.6	15	SOUTHERN SUMATERA, INDONESIA
12	20	54	01.4	46.257	N	13.595	E	10	G		1.3	40	AUSTRIA. ML 3.7 (GRF), 3.6 (VIE), 3.2 (CLL), 3.1 (LDG), 3.1 (FUR).
12	21	10	02.1&	37.240	N	4.150	W	1				13	SPAIN. <MDD>. mbLg 1.9 (MDD).
12	21	20	03.7&	37.200	N	4.220	W	3				10	SPAIN. <MDD>. mbLg 2.0 (MDD).
12	21	20	39.8	46.238	N	13.573	E	10	G		0.9	10	AUSTRIA. ML 3.1 (VIE), 2.4 (LJU).
12	21	22	08.1&	37.220	N	4.200	W	5				14	SPAIN. <MDD>. mbLg 2.3 (MDD).
12	21	23	48.9&	59.857	N	153.681	W	132				52	SOUTHERN ALASKA. <AEIC>.
12	21	33	47.4	56.116	S	26.768	W	100	G	4.7	0.8	55	SOUTH SANDWICH ISLANDS REGION
12	21	48	09.1&	37.230	N	4.150	W	0	G			14	SPAIN. <MDD>. mbLg 1.9 (MDD).
12	21	54	57.4&	37.240	N	4.170	W	2				19	SPAIN. <MDD>. mbLg 2.8 (MDD).
12	22	06	34.5	37.537	N	20.797	E	33	N	4.2	1.2	36	IONIAN SEA
12	22	10	10.6&	37.210	N	4.180	W	2				15	SPAIN. <MDD>. mbLg 2.3 (MDD).
12	22	13	48.4	46.267	N	13.590	E	10	G		1.3	101	AUSTRIA. ML 4.1 (GRF), 3.9 (VIE), 3.9 (STR), 3.7 (FUR), 3.6 (CLL), 3.5 (LDG). MD 3.6 (ROM).
12	22	14	08.9&	37.220	N	4.190	W	0	G			16	SPAIN. <MDD>. mbLg 2.4 (MDD).
12	22	35	37.8&	37.210	N	4.210	W	9				14	SPAIN. <MDD>. mbLg 2.3 (MDD).
12	23	23	22.0&	37.230	N	4.170	W	0				14	SPAIN. <MDD>. mbLg 1.7 (MDD).
12	23	23	52.2&	37.200	N	4.180	W	9				8	SPAIN. <MDD>. mbLg 2.3 (MDD).
12	23	28	06.6&	37.190	N	4.220	W	4				9	SPAIN. <MDD>. mbLg 1.8 (MDD).
12	23	44	54.5&	37.170	N	4.270	W	0				10	SPAIN. <MDD>. mbLg 2.0 (MDD).
12	23	49	35.3	15.525	S	71.821	W	33	N	5.6 5.4	1.1	111	SOUTHERN PERU. Mw 5.8 (GS), 5.8 (HRV). Moment Tensor (GS): Dep 3; Principal axes (scale 10**17 Nm): (T) Val=4.66, Plg=33, Azm=184; (N) Val=0.22, Plg=14, Azm=85; (P) Val=-4.88, Plg=53, Azm=335; Best double couple: Mo=4.8*10**17 Nm; NP1: Strike=318, Dip=18, Slip=-36; NP2: Strike=82, Dip=80, Slip=-104. Centroid, Moment Tensor (HRV): Centroid origin time 23:49:35.9; Lat 15.76 S; Lon 71.91 W; Dep 41.1; Half-duration 1.8 sec; Principal axes (scale 10**17 Nm): (T) Val=5.95, Plg=9, Azm=194; (N) Val=-1.89, Plg=28, Azm=100; (P) Val=-4.05, Plg=60, Azm=300; Best double couple: Mo=5.0*10**17 Nm; NP1: Strike=313, Dip=44, Slip=-47; NP2: Strike=81, Dip=60, Slip=-123.
12	23	53	39.7	40.153	N	21.126	E	33	N	4.2	1.4	68	GREECE
13	00	02	56.1&	37.180	N	4.190	W	11				4	SPAIN. <MDD>. mbLg 1.8 (MDD).
13	00	13	28.4?	19.74	N	145.29	E	250	G	3.0	0.8	9	MARIANA ISLANDS
13	00	18	13.6&	37.200	N	4.140	W	1				8	SPAIN. <MDD>. mbLg 2.2 (MDD).
13	00	24	49.5&	37.230	N	4.180	W	0	G			15	SPAIN. <MDD>. mbLg 2.8 (MDD).
13	00	26	46.8&	37.220	N	4.200	W	2				14	SPAIN. <MDD>. mbLg 2.3 (MDD).
13	00	28	58.4&	37.190	N	4.230	W	8				11	SPAIN. <MDD>. mbLg 2.0 (MDD).
13	00	29	24.2&	37.180	N	4.230	W	3				4	SPAIN. <MDD>. mbLg 1.8 (MDD).
13	00	31	46.3*	15.427	S	70.665	W	5	G	3.7	0.6	6	SOUTHERN PERU
13	00	35	20.6*	36.486	N	71.004	E	176	?	3.5	0.6	13	AFGHANISTAN-TAJIKISTAN BORD REG.
13	00	37	57.7&	37.200	N	4.130	W	5				7	SPAIN. <MDD>. mbLg 1.6 (MDD).
13	00	38	42.0&	37.200	N	4.140	W	3				8	SPAIN. <MDD>. mbLg 1.7 (MDD).
13	00	42	12.3	46.159	N	13.826	E	10	G		1.0	8	AUSTRIA. ML 2.9 (VIE), 2.7 (FUR).
13	00	42	53.9&	37.170	N	4.360	W	0	G			7	SPAIN. <MDD>. mbLg 1.5 (MDD).
13	00	48	41.3&	37.180	N	4.210	W	3				10	SPAIN. <MDD>. mbLg 2.1 (MDD).
13	00	54	07.3&	37.210	N	4.240	W	3				12	SPAIN. <MDD>. mbLg 2.1 (MDD).
13	01	04	37.9*	30.297	N	143.069	E	33	N	3.4	1.0	10	SOUTH OF HONSHU, JAPAN
13	01	17	46.9&	37.230	N	4.160	W	0	G			13	SPAIN. <MDD>. mbLg 2.1 (MDD).
13	01	19	25.7&	62.414	N	151.779	W	99		2.5		22	CENTRAL ALASKA. <AEIC>.
13	01	39	48.1&	37.210	N	4.250	W	0	G			15	SPAIN. <MDD>. mbLg 2.3 (MDD).
13	01	46	43.6	23.793	S	176.024	W	33	N	5.1 5.0	1.0	85	SOUTH OF FIJI ISLANDS. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 01:46:47.5; Lat 24.33 S; Lon 175.63 W; Dep 15.0 Fix; Half-duration 1.1 sec; Principal axes (scale 10**17 Nm): (T) Val=1.16, Plg=74, Azm=317; (N) Val=0.25, Plg=6, Azm=206; (P) Val=-1.41, Plg=15, Azm=114; Best double couple: Mo=1.3*10**17 Nm; NP1: Strike=196, Dip=31, Slip=78; NP2: Strike=29, Dip=60, Slip=97.
13	01	49	10.2&	37.220	N	4.220	W	4				17	SPAIN. <MDD>. mbLg 2.5 (MDD).
13	01	50	10.8&	37.210	N	4.210	W	5				14	SPAIN. <MDD>. mbLg 2.6 (MDD).
13	01	53	50.8&	37.240	N	4.180	W	0	G			12	SPAIN. <MDD>. mbLg 2.9 (MDD).
13	01	54	02.4&	36.990	N	4.510	W	4				26	STRAIT OF GIBRALTAR. <MDD>. mbLg 3.6 (MDD).
13	01	55	52.1*	15.598	S	71.907	W	71	*	3.6	0.9	6	SOUTHERN PERU
13	01	58	09.8&	37.190	N	4.170	W	7				11	SPAIN. <MDD>. mbLg 2.0 (MDD).
13	02	01	02.5&	37.210	N	4.120	W	7				11	SPAIN. <MDD>. mbLg 1.9 (MDD).
13	02	05	46.3&	37.230	N	4.210	W	4				12	SPAIN. <MDD>. mbLg 2.0 (MDD).
13	02	17	34.9&	37.210	N	4.190	W	6				12	SPAIN. <MDD>. mbLg 1.9 (MDD).
13	02	28	49.4*	23.560	S	179.683	W	500	G	4.2	1.0	24	SOUTH OF FIJI ISLANDS
13	02	39	03.9&	37.220	N	4.220	W	0	G			8	SPAIN. <MDD>. mbLg 1.6 (MDD).
13	02	42	15.6&	37.160	N	4.270	W	0	G			7	SPAIN. <MDD>. mbLg 1.8 (MDD).
13	02	45	32.9&	63.023	N	149.611	W	84				9	CENTRAL ALASKA. <AEIC>.
13	02	48	14.3*	16.510	S	71.733	W	10	G	3.6	1.0	5	SOUTHERN PERU
13	02	56	24.9&	37.170	N	4.260	W	0	G			9	SPAIN. <MDD>. mbLg 1.9 (MDD).
13	03	02	28.6&	37.190	N	4.300	W	0	G			20	SPAIN. <MDD>. mbLg 2.8 (MDD).
13	03	10	19.1&	37.210	N	4.210	W	0	G			10	SPAIN. <MDD>. mbLg 2.0 (MDD).
13	03	13	31.8&	37.210	N	4.200	W	0	G			19	SPAIN. <MDD>. mbLg 2.8 (MDD).
13	03	15	06.7&	37.180	N	4.260	W	0	G			13	SPAIN. <MDD>. mbLg 2.6 (MDD).

13	03	15	59.2&	37.220	N	4.240	W	0	G			10	SPAIN. <MDD>. mbLg 2.3 (MDD).
13	03	16	57.7&	37.230	N	4.230	W	2				8	SPAIN. <MDD>. mbLg 1.5 (MDD).
13	03	17	21.6&	37.210	N	4.230	W	0	G			10	SPAIN. <MDD>. mbLg 2.0 (MDD).
13	03	21	50.0&	37.150	N	4.150	W	0	G			7	SPAIN. <MDD>. mbLg 1.7 (MDD).
13	03	23	26.9	46.209	N	13.530	E	10	G		1.1	44	AUSTRIA. ML 3.6 (GRF), 3.2 (VIE), 3.1 (FUR), 3.1 (LDG).
13	03	24	00.2&	37.220	N	3.990	W	0	G			5	SPAIN. <MDD>. mbLg 2.3 (MDD).
13	03	28	29.5&	48.700	N	5.700	E	2				7	FRANCE. <LDG>. ML 2.1 (LDG).
13	03	37	57.8&	37.240	N	4.170	W	0	G			13	SPAIN. <MDD>. mbLg 2.7 (MDD).
13	03	39	03.1&	37.180	N	4.210	W	10	G			5	SPAIN. <MDD>. mbLg 2.2 (MDD).
13	03	50	09.7&	37.250	N	4.180	W	0	G			12	SPAIN. <MDD>. mbLg 2.7 (MDD).
13	03	54	27.9&	37.190	N	4.210	W	7				14	SPAIN. <MDD>. mbLg 2.2 (MDD).
13	03	55	32.7&	37.210	N	4.220	W	2				23	SPAIN. <MDD>. mbLg 2.8 (MDD).
13	04	01	40.5?	46.27	N	13.58	E	10	G		1.1	9	AUSTRIA. ML 2.2 (LJU).
13	04	02	25.0&	37.190	N	4.210	W	0	G			14	SPAIN. <MDD>. mbLg 1.9 (MDD).
13	04	15	22.0&	37.110	N	4.300	W	0	G			12	SPAIN. <MDD>. mbLg 2.0 (MDD).
13	04	23	54.8&	37.240	N	4.150	W	0	G			14	SPAIN. <MDD>. mbLg 2.1 (MDD).
13	04	26	02.6&	37.230	N	4.590	W	0	G			11	SPAIN. <MDD>. mbLg 2.0 (MDD).
13	04	28	22.6&	37.250	N	4.220	W	0	G			15	SPAIN. <MDD>. mbLg 2.4 (MDD).
13	04	32	58.9	20.041	S	133.880	E	10	G		1.2	5	NORTHERN TERRITORY, AUSTRALIA
13	04	44	58.8&	37.240	N	4.170	W	0	G			13	SPAIN. <MDD>. mbLg 2.6 (MDD).
13	04	47	57.6&	37.220	N	4.210	W	1				10	SPAIN. <MDD>. mbLg 1.9 (MDD).
13	04	50	45.7&	37.210	N	4.210	W	0	G			11	SPAIN. <MDD>. mbLg 1.9 (MDD).
13	04	58	00.5&	37.210	N	4.120	W	0	G			8	SPAIN. <MDD>. mbLg 1.8 (MDD).
13	04	58	42.5	46.235	N	13.594	E	10	G		1.2	26	AUSTRIA. ML 3.4 (GRF), 3.2 (VIE), 2.9 (FUR), 2.8 (LDG), 2.8 (LJU).
13	04	58	59.7&	37.220	N	4.150	W	1				12	SPAIN. <MDD>. mbLg 2.0 (MDD).
13	05	05	19.7&	37.200	N	4.140	W	2				9	SPAIN. <MDD>. mbLg 1.8 (MDD).
13	05	10	00.6&	37.230	N	4.180	W	1				10	SPAIN. <MDD>. mbLg 2.2 (MDD).
13	05	33	34.3&	37.190	N	4.230	W	7				12	SPAIN. <MDD>. mbLg 2.2 (MDD).
13	05	49	26.8&	37.230	N	4.190	W	0	G			14	SPAIN. <MDD>. mbLg 2.3 (MDD).
13	05	55	42.6&	37.230	N	4.200	W	3				37	SPAIN. <MDD>. mbLg 3.8 (MDD).
13	05	58	53.3&	37.180	N	4.310	W	5				13	SPAIN. <MDD>. mbLg 2.2 (MDD).
13	06	07	25.1&	37.200	N	4.130	W	0	G			10	SPAIN. <MDD>. mbLg 2.2 (MDD).
13	06	15	04.8*	0.189	N	99.238	E	33	N	3.8	0.4	9	NORTHERN SUMATERA, INDONESIA
13	06	16	09.6&	60.552	N	150.853	W	14				25	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.6 (AEIC).
13	06	19	00.3&	37.170	N	4.050	W	9				9	SPAIN. <MDD>. mbLg 1.8 (MDD).
13	06	25	24.1&	37.210	N	4.190	W	4				9	SPAIN. <MDD>. mbLg 1.9 (MDD).
13	06	42	21.8&	37.220	N	4.160	W	0	G			13	SPAIN. <MDD>. mbLg 2.4 (MDD).
13	07	24	17.4?	27.76	N	140.15	E	33	N	3.5	0.4	5	BONIN ISLANDS REGION
13	07	32	03.9&	37.220	N	4.170	W	1				22	SPAIN. <MDD>. mbLg 3.1 (MDD).
13	07	45	20.1&	37.230	N	4.220	W	0	G			19	SPAIN. <MDD>. mbLg 2.9 (MDD).
13	07	45	53.8&	37.190	N	4.350	W	0				15	SPAIN. <MDD>. mbLg 2.8 (MDD).
13	07	52	41.2&	37.250	N	4.180	W	0	G			21	SPAIN. <MDD>. mbLg 2.9 (MDD).
13	08	02	56.3&	37.210	N	4.170	W	4				17	SPAIN. <MDD>. mbLg 2.6 (MDD).
13	08	19	24.3	4.674	N	123.019	E	585		4.7	1.1	58	CELEBES SEA
13	08	40	18.6	0.080	S	17.355	W	10	G	4.8 4.4	1.1	60	NORTH OF ASCENSION ISLAND
13	09	01	47.5&	37.210	N	4.190	W	0	G			9	SPAIN. <MDD>. mbLg 2.3 (MDD).
13	09	05	03.5&	37.220	N	4.220	W	0	G			8	SPAIN. <MDD>. mbLg 2.2 (MDD).
13	09	28	06.4*	30.637	S	179.089	W	200	*	4.7	1.3	36	KERMADEC ISLANDS REGION
13	09	56	11.3	34.610	N	80.466	W	5	G	3.5	1.1	24	SOUTH CAROLINA. mbLg 3.9 (GS). Felt (V) at Hartsville, Kershaw, Liberty Hill and Westville; (IV) at Cassatt, Elgin, Florence, Heath Springs, Jefferson, Lancaster, Lugoff, Mount Croghan, Newberry, Pageland, Ruby and York; (III) at McBee; (II) at Chester, Laurens and Marion. Also felt (IV) at Monroe and Wingate, (III) at Marshville and (I) at Albemarle, North Carolina.
13	10	15	32.1&	61.451	N	146.647	W	25				13	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
13	10	58	45.1&	37.240	N	4.200	W	0	G			10	SPAIN. <MDD>. mbLg 2.1 (MDD).
13	11	43	31.2	36.948	N	69.893	E	77	*	4.4	0.9	30	HINDU KUSH REGION, AFGHANISTAN
13	12	00	53.1&	37.240	N	4.190	W	0	G			11	SPAIN. <MDD>. mbLg 2.1 (MDD).
13	13	40	35.2*	46.253	N	13.528	E	10	G		1.4	10	AUSTRIA. ML 2.8 (VIE), 2.1 (LJU).
13	13	50	54.1&	37.250	N	4.180	W	0	G			23	SPAIN. <MDD>. mbLg 3.6 (MDD).
13	13	52	56.7?	86.15	N	75.44	E	10	G	3.8	1.0	9	NORTH OF SEVERNAYA ZEMLYA
13	13	53	50.6*	15.136	N	94.086	W	127	*	3.8	0.9	13	NEAR COAST OF OAXACA, MEXICO
13	13	59	28.1?	85.92	N	82.46	E	10	G	3.8	1.3	9	NORTH OF SEVERNAYA ZEMLYA
13	14	01	25.1*	85.753	N	82.931	E	10	G	4.3	1.1	17	NORTH OF SEVERNAYA ZEMLYA
13	14	04	35.8&	37.230	N	4.180	W	0	G			8	SPAIN. <MDD>. mbLg 2.2 (MDD).
13	14	22	47.8*	19.945	S	176.384	W	250	G	4.0	0.8	20	FIJI ISLANDS REGION
13	14	26	17.4&	37.230	N	4.160	W	0	G			9	SPAIN. <MDD>. mbLg 2.4 (MDD).
13	14	36	54.3&	37.220	N	4.220	W	0	G			9	SPAIN. <MDD>. mbLg 2.4 (MDD).
13	14	40	00.7*	6.400	S	128.311	E	380	*	3.8	1.0	11	BANDA SEA
13	14	42	20.1?	46.20	N	13.55	E	10	G		1.3	5	AUSTRIA. ML 2.5 (VIE). MD 2.2 (LJU).
13	14	48	07.2&	37.230	N	4.190	W	0	G			8	SPAIN. <MDD>. mbLg 2.1 (MDD).
13	15	01	10.5*	21.746	S	176.887	W	300	G	3.4	0.8	15	FIJI ISLANDS REGION
13	15	14	33.5	39.238	N	41.055	E	33	N	4.8 4.8	1.0	139	TURKEY. Mw 5.3 (HRV). MD 5.0 (ISK). Eleven people injured and several buildings damaged or destroyed at Karliova. Centroid, Moment Tensor (HRV): Centroid origin time 15:14:34.2; Lat 39.18 N; Lon 41.10 E; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=9.58, Plg=8, Azm=228; (N) Val=-0.85, Plg=74, Azm=345; (P) Val=-8.73, Plg=14, Azm=136; Best double couple: Mo=9.2*10**16 Nm; NP1: Strike=272, Dip=75, Slip=-175; NP2: Strike=181, Dip=85, Slip=-15.
13	15	25	06.5&	37.250	N	4.200	W	0	G			14	SPAIN. <MDD>. mbLg 2.8 (MDD).
13	15	47	46.9&	37.230	N	4.180	W	0	G			12	SPAIN. <MDD>. mbLg 2.5 (MDD).
13	15	50	27.5&	37.210	N	4.200	W	0	G			9	SPAIN. <MDD>. mbLg 2.2 (MDD).
13	15	53	03.3	52.954	N	170.899	E	27	D	4.5	0.9	47	NEAR ISLANDS, ALEUTIAN ISLANDS
13	15	57	31.0&	37.220	N	4.210	W	0	G			9	SPAIN. <MDD>. mbLg 2.3 (MDD).
13	15	59	04.9&	37.240	N	4.190	W	0	G			25	SPAIN. <MDD>. mbLg 3.4 (MDD).
13	16	41	49.4&	37.200	N	4.230	W	0	G			11	SPAIN. <MDD>. mbLg 2.2 (MDD).
13	16	59	44.0&	37.240	N	4.180	W	0	G			19	SPAIN. <MDD>. mbLg 2.9 (MDD).
13	17	11	52.8&	37.220	N	4.190	W	5				29	SPAIN. <MDD>. mbLg 3.4 (MDD).
13	17	18	17.4*	16.512	N	121.312	E	33	N	3.9	1.0	14	LUZON, PHILIPPINE ISLANDS

13	17	29	51.0?	6.85	S	127.47	E	421	?	4.1	0.9	9	BANDA SEA
13	17	39	50.2&	37.210	N	4.200	W	0	G			12	SPAIN. <MDD>. mbLg 2.3 (MDD).
13	17	59	39.6&	37.220	N	4.190	W	2				14	SPAIN. <MDD>. mbLg 2.4 (MDD).
13	18	04	16.6&	47.900	N	7.800	E	2				10	SWITZERLAND. <LDG>. ML 1.8 (LDG), 1.4 (STR).
13	18	08	27.1*	20.692	S	68.372	W	128	?	3.9	0.4	8	CHILE-BOLIVIA BORDER REGION
13	18	19	42.3&	37.210	N	4.180	W	7				12	SPAIN. <MDD>. mbLg 2.1 (MDD).
13	18	32	52.9&	37.220	N	4.180	W	1				13	SPAIN. <MDD>. mbLg 2.2 (MDD).
13	18	38	34.1&	37.200	N	4.230	W	0	G			12	SPAIN. <MDD>. mbLg 2.6 (MDD).
13	18	44	19.3&	37.230	N	4.180	W	0	G			19	SPAIN. <MDD>. mbLg 2.8 (MDD).
13	19	07	27.2&	37.230	N	4.190	W	3				12	SPAIN. <MDD>. mbLg 1.9 (MDD).
13	19	09	56.4&	37.200	N	4.140	W	5				7	SPAIN. <MDD>. mbLg 1.7 (MDD).
13	19	10	23.3&	45.896	N	119.319	W	0				29	WASHINGTON-OREGON BORDER REGION. <SEA-P>. MD 2.6 (SEA).
13	19	11	49.8&	37.240	N	4.200	W	4				15	SPAIN. <MDD>. mbLg 2.2 (MDD).
13	19	15	07.2&	37.200	N	4.080	W	1				7	SPAIN. <MDD>. mbLg 1.6 (MDD).
13	19	22	05.9&	37.200	N	4.080	W	3				5	SPAIN. <MDD>. mbLg 1.4 (MDD).
13	19	24	12.8&	37.210	N	4.170	W	4				9	SPAIN. <MDD>. mbLg 1.7 (MDD).
13	19	24	50.7&	37.190	N	4.160	W	7				9	SPAIN. <MDD>. mbLg 2.0 (MDD).
13	19	24	58.8&	37.230	N	4.180	W	4				4	SPAIN. <MDD>. mbLg 1.9 (MDD).
13	19	31	12.2&	37.220	N	4.160	W	3				8	SPAIN. <MDD>. mbLg 1.5 (MDD).
13	19	36	13.1&	37.210	N	4.210	W	7				13	SPAIN. <MDD>. mbLg 2.2 (MDD).
13	19	56	29.8*	39.847	N	42.048	E	33	N	4.1	1.1	22	TURKEY. MD 4.4 (ISK).
13	20	52	28.0&	37.230	N	4.190	W	4				23	SPAIN. <MDD>. mbLg 3.2 (MDD).
13	20	56	16.6*	20.304	S	69.006	W	106	?	4.3	1.2	11	NORTHERN CHILE
13	21	05	23.0&	37.240	N	4.160	W	0	G			10	SPAIN. <MDD>. mbLg 2.5 (MDD).
13	21	09	04.4&	37.140	N	4.330	W	5				8	SPAIN. <MDD>. mbLg 1.8 (MDD).
13	21	15	08.9&	36.085	N	117.598	W	1				11	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 3.1 (PAS).
13	21	16	31.7&	37.200	N	4.110	W	0	G			10	SPAIN. <MDD>. mbLg 1.8 (MDD).
13	22	17	05.3	46.190	N	13.785	E	10	G		0.7	9	AUSTRIA. ML 2.5 (VIE), 2.0 (LJU).
13	22	55	13.7&	37.210	N	4.180	W	8				27	SPAIN. <MDD>. mbLg 3.4 (MDD).
13	22	56	32.4&	63.294	N	150.411	W	124				5	CENTRAL ALASKA. <AEIC>.
13	23	06	35.0	46.225	N	13.589	E	10	G		1.2	10	AUSTRIA. ML 2.4 (VIE), 2.0 (LJU).
13	23	14	32.4?	41.99	N	85.80	E	33	N	4.0	0.6	6	SOUTHERN XINJIANG, CHINA
13	23	16	41.8*	4.886	S	144.691	E	98	*	3.2	1.1	8	NEAR N COAST OF NEW GUINEA, PNG.
13	23	38	37.5*	30.785	S	72.503	W	33	N	4.4	0.9	7	OFF COAST OF CENTRAL CHILE
14	00	04	48.3&	37.140	N	4.270	W	3				9	SPAIN. <MDD>. mbLg 2.1 (MDD).
14	00	16	01.7&	37.210	N	4.210	W	0	G			9	SPAIN. <MDD>. mbLg 2.0 (MDD).
14	00	18	35.9*	46.237	N	13.599	E	10	G		1.5	8	AUSTRIA. ML 2.5 (VIE). MD 2.3 (LJU).
14	00	44	26.6&	37.230	N	4.180	W	0	G			10	SPAIN. <MDD>. mbLg 2.1 (MDD).
14	01	03	51.5	45.708	N	26.525	E	150	G	3.5	1.0	24	ROMANIA
14	01	05	50.2&	44.553	N	7.235	E	12				7	NORTHERN ITALY. <GEN>. ML 2.0 (GEN).
14	01	17	21.9&	15.788	N	98.316	W	20				15	OFF COAST OF GUERRERO, MEXICO. <UNM>. MD 4.1 (UNM).
14	01	40	54.1&	37.240	N	4.200	W	0	G			19	SPAIN. <MDD>. mbLg 2.7 (MDD).
14	01	42	10.7&	37.200	N	4.290	W	2				10	SPAIN. <MDD>. mbLg 2.5 (MDD).
14	01	43	00.3&	37.210	N	4.220	W	0	G			15	SPAIN. <MDD>. mbLg 2.4 (MDD).
14	02	08	50.8&	37.180	N	4.230	W	6				9	SPAIN. <MDD>. mbLg 1.5 (MDD).
14	02	09	45.4	37.369	N	142.911	E	54	*	4.5	1.1	35	OFF EAST COAST OF HONSHU, JAPAN
14	02	09	47.9&	37.190	N	4.200	W	4	G			9	SPAIN. <MDD>. mbLg 1.7 (MDD).
14	02	13	03.9&	37.220	N	4.210	W	0	G			29	SPAIN. <MDD>. mbLg 3.6 (MDD).
14	02	14	37.9	23.974	S	66.548	W	200	G	4.0	0.6	16	JUJUY PROVINCE, ARGENTINA
14	02	22	05.9&	37.200	N	4.210	W	0	G			8	SPAIN. <MDD>. mbLg 2.2 (MDD).
14	02	32	22.1&	37.220	N	4.180	W	0	G			9	SPAIN. <MDD>. mbLg 2.1 (MDD).
14	02	44	08.1	27.590	S	63.252	W	568		4.9	0.8	123	SANTIAGO DEL ESTERO PROV., ARG.
14	02	47	54.3	39.692	N	118.649	E	33	N	4.6	1.4	29	NORTHEASTERN CHINA. ML 4.6 (BJI). Some buildings damaged at Tangshan. Felt at Beijing.
14	02	48	08.2&	37.180	N	4.320	W	0	G			9	SPAIN. <MDD>. mbLg 2.3 (MDD).
14	02	49	34.0	16.260	N	98.260	W	33	N	4.4	1.2	53	NEAR COAST OF GUERRERO, MEXICO. MD 4.6 (UNM).
14	02	51	31.9	30.941	S	71.306	W	63	D	4.7	1.1	40	NEAR COAST OF CENTRAL CHILE. Felt (IV) at Andacollo; (III) at Canela, Illapel, La Ligua, La Serena, Los Vilos, Ovalle, Papudo, Salamanca and Zapallar; (II) at Concon, Quilpue and Quintero.
14	02	57	28.7&	37.240	N	4.170	W	0	G			10	SPAIN. <MDD>. mbLg 1.7 (MDD).
14	02	58	13.2*	54.795	N	161.407	E	39	D	4.5	1.0	31	NEAR EAST COAST OF KAMCHATKA
14	03	01	32.0&	17.134	N	99.735	W	6				9	GUERRERO, MEXICO. <UNM>. MD 3.8 (UNM).
14	03	15	49.0*	15.663	S	71.802	W	77	?	4.4	1.5	13	SOUTHERN PERU
14	03	20	45.1?	19.01	S	177.36	W	400	G	3.9	0.6	13	FIJI ISLANDS REGION
14	03	33	48.9&	37.210	N	4.200	W	0	G			8	SPAIN. <MDD>. mbLg 2.0 (MDD).
14	03	41	22.3	23.821	S	179.871	W	499	D	5.5	0.9	320	SOUTH OF FIJI ISLANDS. Mw 6.1 (GS), 6.1 (HRV). Me 5.6 (GS). mb 5.6 (BRK). Broadband Source Parameters (GS): Dep 495; NP1: Strike=330, Dip=75, Slip=-90; NP2: Strike=150, Dip=15, Slip=-90; Radiated energy 5.4*10**12 Nm. Moment Tensor (GS): Dep 502; Principal axes (scale 10**18 Nm): (T) Val=1.52, Plg=37, Azm=79; (N) Val=0.16, Plg=15, Azm=338; (P) Val=-1.68, Plg=49, Azm=230; Best double couple: Mo=1.6*10**18 Nm; NP1: Strike=224, Dip=16, Slip=-23; NP2: Strike=336, Dip=84, Slip=-105. Centroid, Moment Tensor (HRV): Centroid origin time 03:41:28.1; Lat 23.73 S; Lon 179.81 W; Dep 509.6; Half-duration 2.7 sec; Principal axes (scale 10**18 Nm): (T) Val=1.50, Plg=37, Azm=65; (N) Val=0.09, Plg=5, Azm=332; (P) Val=-1.59, Plg=53, Azm=236; Best double couple: Mo=1.5*10**18 Nm; NP1: Strike=183, Dip=9, Slip=-59; NP2: Strike=331, Dip=82, Slip=-95.
14	03	41	28.0&	37.240	N	4.190	W	2				15	SPAIN. <MDD>. mbLg 2.6 (MDD).
14	03	54	55.9&	37.060	N	4.270	W	0	G			12	SPAIN. <MDD>. mbLg 2.1 (MDD).
14	03	58	28.8&	37.210	N	4.200	W	0	G			9	SPAIN. <MDD>. mbLg 1.9 (MDD).
14	04	08	06.0&	37.210	N	4.170	W	0	G			8	SPAIN. <MDD>. mbLg 2.3 (MDD).
14	04	09	11.5&	37.210	N	4.230	W	0	G			8	SPAIN. <MDD>. mbLg 2.1 (MDD).
14	05	51	36.0&	40.710	N	27.429	E	15				5	TURKEY. <ISK>. MD 2.6 (ISK).
14	06	16	15.4&	41.471	N	29.165	E	8				4	TURKEY. <ISK>. MD 2.7 (ISK).
14	06	46	17.1&	37.230	N	4.170	W	0	G			11	SPAIN. <MDD>. mbLg 2.8 (MDD).
14	07	00	23.3&	64.070	N	148.347	W	108				34	CENTRAL ALASKA. <AEIC>.
14	07	05	32.5&	37.230	N	4.160	W	0	G			21	SPAIN. <MDD>. mbLg 3.1 (MDD).

14	07	15	30.0&	37.220	N	4.240	W	0	G			8	SPAIN. <MDD>. mbLg 2.4 (MDD).
14	07	16	49.3&	37.250	N	4.180	W	0	G			11	SPAIN. <MDD>. mbLg 2.3 (MDD).
14	07	32	15.6*	55.837	S	27.359	W	33	N	4.6	1.3	19	SOUTH SANDWICH ISLANDS REGION
14	07	41	17.1&	48.900	N	0.700	W	2				5	FRANCE. <LDG>. ML 2.3 (LDG).
14	07	45	49.7&	48.900	N	0.700	W	2				4	FRANCE. <LDG>. ML 2.3 (LDG).
14	07	46	10.4	43.938	N	139.895	E	227		4.7	0.9	130	EASTERN SEA OF JAPAN
14	08	26	58.9&	37.240	N	4.160	W	0	G			11	SPAIN. <MDD>. mbLg 2.6 (MDD).
14	08	30	17.5&	38.512	N	30.255	E	10	G			5	TURKEY. <ISK>. MD 3.1 (ISK).
14	08	36	01.8&	37.240	N	4.190	W	0	G			10	SPAIN. <MDD>. mbLg 2.1 (MDD).
14	08	42	04.9	24.987	N	95.018	E	33	N	4.1	0.6	15	MYANMAR
14	08	46	51.6&	59.828	N	150.994	W	39				67	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.2 (AEIC), 3.5 (PMR).
14	08	58	59.9&	59.772	N	153.020	W	104		2.5		24	SOUTHERN ALASKA. <AEIC>.
14	09	04	06.4&	44.403	N	7.236	E	9				5	NORTHERN ITALY. <GEN>. ML 1.7 (GEN).
14	09	04	31.0&	44.412	N	7.251	E	11				4	NORTHERN ITALY. <GEN>. ML 1.6 (GEN).
14	09	08	59.4*	27.773	N	142.322	E	33	N	3.9	1.1	13	BONIN ISLANDS REGION
14	09	15	25.9*	17.547	S	178.931	W	550	G	4.1	0.7	19	FIJI ISLANDS REGION
14	09	18	01.1	24.103	S	66.763	W	192	D	4.5	0.8	53	SALTA PROVINCE, ARGENTINA
14	09	33	44.5*	22.315	S	169.483	E	33	N	4.2	1.2	21	LOYALTY ISLANDS REGION
14	09	35	35.0	15.654	S	74.097	W	50	D	4.6	0.8	45	NEAR COAST OF PERU
14	10	11	48.8&	37.220	N	4.200	W	0	G			16	SPAIN. <MDD>. mbLg 2.6 (MDD).
14	10	33	21.0&	37.130	N	4.280	W	0	G			7	SPAIN. <MDD>. mbLg 2.4 (MDD).
14	10	50	14.9&	37.220	N	4.180	W	0	G			19	SPAIN. <MDD>. mbLg 3.0 (MDD).
14	11	13	26.9&	47.100	N	5.500	E	2				8	FRANCE. <LDG>. ML 2.3 (LDG).
14	11	36	01.6	2.937	N	126.855	E	100	G	4.6	1.0	38	NORTHERN MOLUCCA SEA
14	11	38	40.6&	39.839	N	29.281	E	10	G			4	TURKEY. <ISK>. MD 2.6 (ISK).
14	11	52	53.3&	39.692	N	29.381	E	10	G			5	TURKEY. <ISK>. MD 2.7 (ISK).
14	11	54	56.9	4.338	N	94.996	E	33	N	4.4	1.0	31	OFF W COAST OF NORTHERN SUMATERA
14	11	57	28.4&	34.386	N	116.460	W	4				26	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 3.0 (GS).
14	12	04	02.9&	39.652	N	29.427	E	10	G			4	TURKEY. <ISK>. MD 2.7 (ISK).
14	12	31	43.1&	41.020	N	29.345	E	10	G			4	TURKEY. <ISK>. MD 2.6 (ISK).
14	12	32	36.8&	44.400	N	3.400	E	2				4	FRANCE. <LDG>. ML 2.2 (LDG).
14	12	33	27.0&	59.610	N	152.543	W	74		2.6		61	SOUTHERN ALASKA. <AEIC>.
14	12	52	06.0?	28.14	N	129.51	E	79	?		1.1	7	RYUKYU ISLANDS. Felt (II JMA) on Amami O-shima.
14	13	13	01.7&	37.200	N	4.190	W	2				11	SPAIN. <MDD>. mbLg 2.4 (MDD).
14	13	18	09.4&	63.526	N	150.873	W	14				39	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC), 3.1 (PMR).
14	13	21	01.7*	16.261	N	119.671	E	70	G	4.3	0.7	14	LUZON, PHILIPPINE ISLANDS
14	13	24	58.3	46.437	N	10.890	E	10	G		0.5	10	NORTHERN ITALY. ML 2.4 (VIE).
14	13	25	04.7	17.588	N	120.703	E	33	N	4.2	0.9	27	LUZON, PHILIPPINE ISLANDS
14	13	59	04.7&	44.364	N	7.348	E	8				7	NORTHERN ITALY. <GEN>. ML 1.9 (GEN).
14	14	02	12.0&	37.860	N	118.220	W	6				29	CALIFORNIA-NEVADA BORDER REGION. <REN-P>. Mw 3.6 (BRK). MD 3.2 (REN). ML 3.7 (GS), 3.6 (BRK). Moment Tensor (BRK): Dep 11; Principal axes (scale 10**14 Nm): (T) Val=2.62, Plg=28, Azm=298; (N) Val=0.00, Plg=61, Azm=100; (P) Val=-2.62, Plg=7, Azm=204; Best double couple: Mo=2.6*10**14 Nm; NP1: Strike=74, Dip=76, Slip=26; NP2: Strike=337, Dip=65, Slip=164.
14	14	04	10.5	16.238	N	119.770	E	33	N	4.3	1.0	26	LUZON, PHILIPPINE ISLANDS
14	14	07	11.4	15.392	S	167.513	E	128	D	4.7	1.1	102	VANUATU ISLANDS
14	14	27	27.8	82.048	N	80.208	W	10	G	4.3	0.9	47	QUEEN ELIZABETH ISLANDS, CANADA
14	15	08	07.3&	37.230	N	4.220	W	0	G			9	SPAIN. <MDD>. mbLg 2.1 (MDD).
14	15	41	25.2*	6.796	N	126.294	E	33	N	4.2	1.1	12	MINDANAO, PHILIPPINE ISLANDS
14	16	30	48.1&	37.230	N	4.140	W	0	G			9	SPAIN. <MDD>. mbLg 2.3 (MDD).
14	16	33	14.6	19.144	S	174.705	W	33	N	4.6	0.8	39	TONGA ISLANDS
14	17	17	35.8*	46.165	N	13.536	E	10	G		0.9	9	AUSTRIA. ML 2.4 (VIE), 1.8 (LJU).
14	17	51	55.1*	10.144	N	84.492	W	150	G	4.3	1.0	41	COSTA RICA
14	19	23	09.9&	37.220	N	4.230	W	0	G			10	SPAIN. <MDD>. mbLg 2.0 (MDD).
14	19	23	52.8	38.010	N	0.643	W	10	G		1.3	41	SPAIN. ML 3.3 (LDG). mbLg 3.1 (MDD). Felt (III) in the epicentral area.
14	19	24	51.0*	46.211	N	13.594	E	10	G		1.0	8	AUSTRIA. ML 2.4 (VIE).
14	19	31	05.5*	46.201	N	13.717	E	10	G		0.3	5	AUSTRIA. ML 2.3 (VIE), 1.7 (LJU).
14	19	37	15.1&	37.240	N	4.190	W	0	G			30	SPAIN. <MDD>. mbLg 3.5 (MDD).
14	19	42	17.7&	37.240	N	4.190	W	0	G			20	SPAIN. <MDD>. mbLg 2.9 (MDD).
14	19	42	59.4&	37.180	N	4.300	W	0	G			8	SPAIN. <MDD>. mbLg 2.5 (MDD).
14	19	48	49.3&	37.230	N	4.210	W	0	G			16	SPAIN. <MDD>. mbLg 2.5 (MDD).
14	20	17	06.0	51.590	N	158.258	E	52	D	4.6	0.9	77	NEAR EAST COAST OF KAMCHATKA. Felt (II) at Petropavlovsk-Kamchatskiy.
14	21	03	16.6*	20.675	N	146.467	E	33	N	3.8	1.5	13	MARIANA ISLANDS REGION
14	21	13	06.4&	45.480	N	119.539	W	0				23	WASHINGTON-OREGON BORDER REGION. <SEA-P>. MD 2.6 (SEA).
14	21	30	48.2&	37.190	N	3.630	W	0	G			8	SPAIN. <MDD>. mbLg 1.6 (MDD).
14	22	18	24.8?	45.84	N	149.99	E	150	G	4.2	1.2	19	KURIL ISLANDS
14	23	17	15.4*	46.203	N	13.561	E	10	G		1.2	9	AUSTRIA. ML 2.5 (VIE), 1.9 (LJU).
14	23	47	30.0&	37.210	N	4.260	W	0	G			13	SPAIN. <MDD>. mbLg 2.3 (MDD).
15	00	24	07.1&	34.310	S	70.545	W	99				10	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.3 (GUC).
15	00	39	07.3&	37.220	N	4.210	W	7				10	SPAIN. <MDD>. mbLg 1.8 (MDD).
15	00	39	22.8&	37.230	N	4.210	W	5				21	SPAIN. <MDD>. mbLg 2.7 (MDD).
15	00	42	46.9&	31.725	N	116.141	W	19				2	BAJA CALIFORNIA, MEXICO. <ECX>. MD 3.8 (ECX). ML 3.6 (PAS).
15	00	49	33.6	6.752	S	130.359	E	98	D	4.1	1.2	26	BANDA SEA
15	00	59	48.2&	37.200	N	4.230	W	0	G			8	SPAIN. <MDD>. mbLg 1.6 (MDD).
15	01	08	42.4&	37.220	N	4.200	W	4				11	SPAIN. <MDD>. mbLg 1.8 (MDD).
15	01	33	57.9?	16.24	N	120.17	E	33	N	3.7	0.7	9	LUZON, PHILIPPINE ISLANDS
15	01	43	45.1&	48.100	N	6.600	E	2				6	FRANCE. <LDG>. ML 1.7 (LDG).
15	01	43	46.1&	37.210	N	4.190	W	3				8	SPAIN. <MDD>. mbLg 1.5 (MDD).
15	01	59	26.3&	37.200	N	4.230	W	0	G			9	SPAIN. <MDD>. mbLg 2.0 (MDD).
15	02	02	01.1&	34.933	S	70.516	W	149				12	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.0 (GUC).
15	02	06	21.8&	37.230	N	4.190	W	0	G			10	SPAIN. <MDD>. mbLg 1.8 (MDD).
15	02	28	35.4&	48.008	N	113.748	W	4				68	MONTANA. <BUT-P>. MD 4.1 (BUT). ML 3.8 (GS). Felt in the eastern Kalispell Valley and in the Swan Lake area.
15	02	38	15.2	46.250	N	13.678	E	10	G		0.9	9	AUSTRIA. ML 2.3 (VIE), 1.7 (LJU).
15	02	41	19.0?	37.59	N	140.78	E	33	N		1.5	8	EASTERN HONSHU, JAPAN. Felt (II JMA) in eastern Fukushima Prefecture.
15	02	45	36.8*	41.707	N	24.003	E	10	G		1.3	6	GREECE-BULGARIA BORDER REGION
15	02	46	17.0&	43.700	N	8.100	E	2				9	CORSICA. <LDG>. ML 2.1 (LDG).
15	03	48	43.7	2.011	N	126.485	E	33	N	4.8	1.0	62	NORTHERN MOLUCCA SEA

15	03	54	20.5	19.687	N	121.450	E	33	N	4.6		0.8	34	PHILIPPINE ISLANDS REGION
15	04	11	20.1&	37.170	N	4.330	W	3					9	SPAIN. <MDD>. mbLg 2.3 (MDD).
15	04	11	59.9&	37.220	N	4.190	W	4					18	SPAIN. <MDD>. mbLg 2.9 (MDD).
15	04	53	05.0&	42.900	N	0.100	E	2					4	PYRENEES. <LDG>. ML 1.8 (LDG).
15	05	21	27.4&	37.160	N	4.280	W	8					9	SPAIN. <MDD>. mbLg 2.0 (MDD).
15	06	39	41.4&	18.180	N	64.200	W	25					6	VIRGIN ISLANDS. <MPR>. MD 3.5 (MPR).
15	06	49	13.3&	37.240	N	4.250	W	0	G				15	SPAIN. <MDD>. mbLg 2.9 (MDD).
15	07	21	13.9&	37.230	N	4.160	W	6					12	SPAIN. <MDD>. mbLg 2.5 (MDD).
15	09	12	57.2&	37.240	N	4.180	W	0	G				8	SPAIN. <MDD>. mbLg 1.8 (MDD).
15	09	15	41.9&	37.220	N	4.220	W	0	G				9	SPAIN. <MDD>. mbLg 2.4 (MDD).
15	09	19	32.9&	37.210	N	4.190	W	0	G				9	SPAIN. <MDD>. mbLg 2.3 (MDD).
15	09	31	59.9&	37.210	N	4.210	W	0	G				8	SPAIN. <MDD>. mbLg 2.1 (MDD).
15	09	35	36.8&	37.210	N	4.190	W	0	G				8	SPAIN. <MDD>. mbLg 2.2 (MDD).
15	10	00	16.2	23.862	S	179.957	W	500	G	4.3		0.9	47	SOUTH OF FIJI ISLANDS
15	10	19	46.1	44.521	N	114.103	W	5	G			0.7	30	WESTERN IDAHO. ML 3.5 (GS), 3.8 (BUT).
15	10	23	55.5*	9.753	N	84.985	W	33	N	4.3		1.2	30	COSTA RICA
15	10	25	24.0*	53.443	N	164.388	W	33	N	3.4		1.0	10	UNIMAK ISLAND REGION
15	10	33	42.4*	30.188	N	103.303	W	10	G			1.2	5	WESTERN TEXAS. mbLg 3.6 (GS). Felt in the Alpine area.
15	11	07	45.2&	37.210	N	4.180	W	0	G				8	SPAIN. <MDD>. mbLg 2.2 (MDD).
15	11	12	52.6&	48.006	N	113.742	W	4					17	MONTANA. <BUT-P>. MD 3.0 (BUT).
15	12	05	46.9	14.559	N	90.262	W	248	D	4.5		1.1	50	GUATEMALA
15	12	23	03.9&	33.732	S	70.381	W	105					12	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.1 (GUC).
15	13	28	02.2&	37.220	N	4.150	W	0	G				9	SPAIN. <MDD>. mbLg 2.2 (MDD).
15	13	28	34.3&	62.351	N	151.078	W	77					46	CENTRAL ALASKA. <AEIC>.
15	13	50	34.0*	23.649	S	176.005	W	33	N	4.5		0.9	22	SOUTH OF FIJI ISLANDS
15	14	05	48.1*	32.139	N	97.778	E	33	N	3.7		1.2	13	XIZANG
15	14	31	34.3&	44.506	N	7.073	E	9					9	NORTHERN ITALY. <GEN>. ML 2.1 (GEN).
15	14	43	36.6	30.507	S	71.804	W	33	N	4.2		1.2	24	NEAR COAST OF CENTRAL CHILE. MD 4.7 (GUC).
15	15	23	06.9	58.502	N	164.450	E	33	N	5.6	5.5	1.0	340	KAMCHATKA. Mw 6.1 (OBN), 5.9 (GS), 5.9 (HRV). Me 5.6 (GS). Broadband Source Parameters (GS): Dep 14; NP1: Strike=75, Dip=50, Slip=15; NP2: Strike=335, Dip=79, Slip=139; Radiated energy 5.6*10**12 Nm. Two events about 1.5 seconds apart. Depth based on the second and larger event. Moment Tensor (GS): Dep 6; Principal axes (scale 10**17 Nm): (T) Val=7.23, Plg=56, Azm=280; (N) Val=0.09, Plg=10, Azm=25; (P) Val=-7.32, Plg=32, Azm=122; Best double couple: Mo=7.3*10**17 Nm; NP1: Strike=244, Dip=16, Slip=130; NP2: Strike=23, Dip=78, Slip=80. Centroid, Moment Tensor (HRV): Centroid origin time 15:23:09.9; Lat 58.64 N; Lon 165.05 E; Dep 30.3 Fix; Half-duration 2.0 sec; Principal axes (scale 10**17 Nm): (T) Val=6.06, Plg=76, Azm=293; (N) Val=1.46, Plg=6, Azm=50; (P) Val=-7.52, Plg=12, Azm=141; Best double couple: Mo=6.8*10**17 Nm; NP1: Strike=239, Dip=33, Slip=101; NP2: Strike=46, Dip=57, Slip=83. Scalar Moment (PPT): Mo=1.2*10**18 Nm. Scalar Moment (OBN): Mo=1.5*10**18 Nm.
15	15	27	22.5	20.705	S	178.521	W	550	G	4.4		0.9	57	FIJI ISLANDS REGION
15	15	33	56.4	46.288	N	13.575	E	10	G			0.8	11	AUSTRIA. ML 2.0 (LJU).
15	15	38	04.9*	58.866	N	164.070	E	33	N	3.8		1.2	10	KAMCHATKA
15	16	03	27.0&	31.037	S	68.291	W	210					11	SAN JUAN PROVINCE, ARGENTINA. <GUC>. MD 3.8 (GUC).
15	16	05	35.6&	40.625	N	29.175	E	10	G				7	TURKEY. <ISK>. MD 3.0 (ISK).
15	16	07	31.6	46.218	N	13.794	E	10	G			1.2	13	AUSTRIA. ML 2.6 (VIE), 2.2 (LJU).
15	16	11	18.0	46.254	N	13.693	E	10	G			1.0	13	AUSTRIA. ML 2.7 (VIE), 2.3 (LJU).
15	16	13	27.1&	34.665	S	71.193	W	83					13	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.6 (GUC).
15	16	14	54.8&	16.199	N	99.027	W	2					8	NEAR COAST OF GUERRERO, MEXICO. <UNM>. MD 3.9 (UNM).
15	16	29	03.2*	3.568	S	145.735	E	33	N	4.0		1.0	10	NEAR N COAST OF NEW GUINEA, PNG.
15	16	36	22.3&	44.125	N	7.135	E	7					5	NORTHERN ITALY. <GEN>. ML 1.7 (GEN).
15	16	54	52.5&	37.240	N	4.190	W	0	G				22	SPAIN. <MDD>. ML 3.6 (LDG). mbLg 3.2 (MDD).
15	17	33	14.6&	17.920	N	65.540	W	2		3.5			14	PUERTO RICO REGION. <MPR>. MD 3.8 (MPR).
15	18	23	21.7	46.169	N	13.610	E	10	G			0.5	8	AUSTRIA. ML 2.7 (VIE).
15	18	36	16.2&	44.380	N	6.390	E	2					34	FRANCE. <STR>. ML 2.8 (GEN), 2.5 (LDG), 2.3 (STR).
15	18	36	40.8	25.341	N	96.680	E	33	N	3.8		0.9	13	MYANMAR
15	18	46	18.5*	25.163	N	96.617	E	33	N	4.0		0.9	9	MYANMAR
15	18	48	36.5?	6.44	S	149.04	E	93	*	3.9		1.1	12	NEW BRITAIN REGION, P.N.G.
15	19	26	22.5*	0.340	N	123.917	E	33	N	4.2		1.3	14	MINAHASSA PENINSULA, SULAWESI
15	19	40	30.6&	46.234	N	13.669	E	10					108	AUSTRIA. <ROM>. ML 4.3 (GRF), 3.9 (VIE), 3.8 (CLL), 3.7 (FUR), 3.7 (LDG). MD 3.6 (ROM). Felt (V) in western Slovenia.
15	19	52	48.1&	36.530	N	3.140	W	0	G				8	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.5 (MDD).
15	20	06	46.1	49.139	N	156.188	E	33	N	4.9	4.5	0.9	119	KURIL ISLANDS
15	20	13	21.6&	34.102	N	118.259	W	9					28	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS). Felt at Burbank, Glendale, Hollywood and Pasadena.
15	20	47	41.3&	37.230	N	4.370	W	0	G				9	SPAIN. <MDD>. mbLg 2.2 (MDD).
15	20	48	36.5&	37.250	N	4.220	W	0	G				8	SPAIN. <MDD>. mbLg 1.9 (MDD).
15	21	35	59.6*	6.539	S	130.505	E	33	N	3.9		1.1	8	BANDA SEA
15	21	36	18.4	16.773	N	145.783	E	250	G	4.2		0.7	26	MARIANA ISLANDS
15	21	50	56.3&	44.340	N	6.830	E	2					28	FRANCE. <STR>. ML 2.7 (GEN), 2.4 (LDG), 2.1 (STR).
15	22	16	25.1&	37.160	N	4.260	W	0					6	SPAIN. <MDD>. mbLg 1.6 (MDD).
15	22	21	38.3	46.204	N	13.721	E	10	G			0.8	11	AUSTRIA. ML 2.7 (VIE), 2.1 (LJU).
15	22	42	10.2&	46.275	N	13.632	E	10					90	AUSTRIA. <ROM>. ML 4.2 (GRF), 3.9 (STR), 3.9 (CLL), 3.7 (FUR), 3.7 (VIE), 3.6 (LDG). MD 3.6 (ROM). Felt (V) in western Slovenia.
15	23	15	12.5&	37.200	N	4.240	W	0	G				8	SPAIN. <MDD>. mbLg 1.7 (MDD).
15	23	30	43.0	44.042	N	16.352	E	10	G			1.2	38	NORTHWESTERN BALKAN REGION. ML 3.7 (LDG), 3.6 (VIE).
15	23	51	53.2&	37.240	N	4.200	W	1					21	SPAIN. <MDD>. mbLg 3.2 (MDD). ML 3.2 (LDG).
16	00	13	08.9&	59.812	N	152.179	W	63					77	SOUTHERN ALASKA. <AEIC>. ML 3.5 (AEIC), 3.5 (PMR).
16	00	27	51.5&	39.915	N	28.662	E	10	G				4	TURKEY. <ISK>. MD 2.7 (ISK).
16	00	32	03.0*	1.271	N	128.060	E	150	G	4.1		1.1	20	HALMAHERA, INDONESIA
16	01	38	39.0&	37.230	N	4.220	W	0	G				14	SPAIN. <MDD>. mbLg 2.5 (MDD).
16	01	51	19.5&	44.300	N	7.300	E	2					5	NORTHERN ITALY. <LDG>. ML 2.2 (LDG).
16	02	30	12.7&	33.616	S	71.014	W	67					11	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 2.8 (GUC).
16	02	47	20.7&	37.190	N	4.250	W	0	G				8	SPAIN. <MDD>. mbLg 1.7 (MDD).

16	03	03	39.1&	37.170	N	4.170	W	15				7	SPAIN. <MDD>. mbLg 1.4 (MDD).
16	03	13	28.4	25.032	N	107.968	E	33	N	4.6	1.3	22	SOUTHEASTERN CHINA. ML 5.0 (BJI). Felt at Guilin and Nanning.
16	03	20	00.8*	36.456	N	70.240	E	214	?	3.6	0.8	13	HINDU KUSH REGION, AFGHANISTAN
16	03	51	07.7&	37.210	N	4.220	W	0	G			10	SPAIN. <MDD>. mbLg 2.3 (MDD).
16	04	00	41.1?	46.48	N	13.64	E	10	G		1.6	4	AUSTRIA. ML 2.3 (VIE).
16	04	13	56.2&	33.868	S	72.116	W	22				12	OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.7 (GUC).
16	05	06	06.8&	37.210	N	4.260	W	0	G			8	SPAIN. <MDD>. mbLg 2.5 (MDD).
16	05	16	45.1&	38.652	N	26.538	E	10	G			7	AEGEAN SEA. <ISK>. MD 3.3 (ISK).
16	05	23	41.8*	44.357	N	80.880	E	33	N	3.8	1.1	12	KAZAKHSTAN-XINJIANG BORDER REG.
16	06	02	33.0?	7.93	S	123.63	E	100	G	4.2	0.8	11	BANDA SEA
16	06	31	15.6	30.864	S	71.335	W	56	D	4.4	1.0	51	NEAR COAST OF CENTRAL CHILE. MD 4.9 (GUC). Felt (IV) at Combarbala, Monte Patria, Ovalle and Punitaqui; (III) at Coquimbo and La Serena.
16	06	47	21.0&	18.370	N	66.550	W	99				5	PUERTO RICO REGION. <MPR>. MD 2.6 (MPR).
16	06	49	59.5?	12.42	N	86.89	W	33	N	3.8	1.5	9	NICARAGUA
16	07	11	43.5*	46.213	N	13.682	E	10	G		1.3	6	AUSTRIA. ML 2.5 (VIE).
16	07	46	23.5?	5.43	S	129.47	E	200	G	4.5	0.6	10	BANDA SEA
16	07	47	09.9	29.852	N	57.567	E	33	N	4.6	1.0	29	SOUTHERN IRAN
16	07	56	19.2&	62.103	N	147.243	W	39		3.8		84	CENTRAL ALASKA. <AEIC>. ML 3.9 (AEIC), 4.0 (PMR).
16	08	09	19.0*	24.051	S	179.930	W	500	G	4.3	0.8	28	SOUTH OF FIJI ISLANDS
16	09	36	12.5*	31.053	S	71.430	W	150	G		0.7	13	NEAR COAST OF CENTRAL CHILE. MD 4.5 (GUC). Felt (III) at Combarbala, Monte Patria, Ovalle and Punitaqui.
16	10	13	37.3&	37.240	N	4.150	W	0	G			11	SPAIN. <MDD>. mbLg 2.3 (MDD).
16	10	14	17.5?	48.43	N	152.80	E	200	G		1.1	9	KURIL ISLANDS
16	10	14	56.3&	37.210	N	4.210	W	0	G			10	SPAIN. <MDD>. mbLg 2.7 (MDD).
16	10	29	18.7?	8.49	S	129.05	E	33	N	4.1	1.2	8	TIMOR SEA
16	10	34	10.1?	22.57	S	175.23	W	33	N	4.2	1.0	14	TONGA ISLANDS REGION
16	11	15	41.8*	62.832	S	145.041	E	10	G	4.4	0.9	22	SOUTH OF AUSTRALIA
16	11	31	19.7*	29.893	N	139.217	E	400	G	3.5	1.0	14	SOUTH OF HONSHU, JAPAN
16	12	15	58.4&	41.067	N	28.958	E	10	G			6	TURKEY. <ISK>. MD 2.8 (ISK).
16	12	35	51.9&	45.900	N	6.100	E	2				40	FRANCE. <LDG>. ML 3.1 (LDG), 2.9 (STR).
16	12	49	04.3	31.771	N	131.729	E	33	N	4.0	1.1	14	KYUSHU, JAPAN
16	13	03	35.0&	18.190	N	67.310	W	17				9	MONA PASSAGE. <MPR>. MD 3.0 (MPR).
16	13	03	56.8?	39.33	N	11.13	W	10	G		0.6	9	NORTH ATLANTIC OCEAN. mbLg 2.3 (MDD).
16	13	12	58.1*	46.266	N	13.564	E	5	G		0.9	5	AUSTRIA. ML 2.3 (VIE). MD 2.2 (LJU).
16	13	30	36.7?	39.17	S	174.79	E	250	G		0.1	8	NORTH ISLAND, NEW ZEALAND
16	13	35	49.0*	24.933	N	122.973	E	166	*	3.5	1.5	12	TAIWAN REGION
16	14	27	38.2*	24.275	S	175.445	W	33	N	4.3	0.9	21	SOUTH OF TONGA ISLANDS
16	14	48	37.9&	44.100	N	7.100	E	12				22	NORTHERN ITALY. <LDG>. ML 2.7 (LDG), 2.6 (GEN).
16	14	54	03.8&	32.671	S	71.678	W	35				9	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.8 (GUC).
16	15	40	23.7&	40.354	N	29.122	E	10	G			5	TURKEY. <ISK>. MD 2.7 (ISK).
16	16	42	58.7	30.260	N	141.720	E	33	N	4.7	0.9	57	SOUTH OF HONSHU, JAPAN
16	17	21	43.8&	46.280	N	13.680	E	17				34	AUSTRIA. <LJU>. ML 3.2 (VIE), 3.1 (LDG), 2.9 (LJU). Felt (V) in western Slovenia.
16	18	04	45.8*	25.110	N	107.811	E	33	N	4.3	1.2	10	SOUTHEASTERN CHINA. ML 4.3 (BJI).
16	18	07	37.5*	22.116	S	176.206	W	33	N	4.4	1.0	23	SOUTH OF FIJI ISLANDS
16	18	49	27.0&	17.990	N	65.670	W	0				10	PUERTO RICO REGION. <MPR>. MD 3.6 (MPR).
16	18	59	38.0&	17.780	N	65.610	W	2				6	PUERTO RICO REGION. <MPR>. MD 3.1 (MPR).
16	20	28	51.0&	18.020	N	65.630	W	0				10	PUERTO RICO REGION. <MPR>. MD 3.6 (MPR).
16	20	50	53.9&	46.310	N	13.640	E	16				17	AUSTRIA. <LJU>. ML 2.9 (FUR), 2.8 (VIE).
16	21	58	04.0&	35.807	N	121.312	W	4				22	CENTRAL CALIFORNIA. <BRK>. ML 3.5 (BRK). MD 3.5 (GM).
16	22	10	59.0&	18.070	N	65.540	W	1				4	PUERTO RICO REGION. <MPR>. MD 3.0 (MPR).
16	22	47	33.0&	49.140	N	6.880	E	1	G			15	GERMANY. <FBB>. ML 2.4 (FBB), 2.2 (UCC). Mining induced event in the Lorraine region, France.
16	23	17	26.8*	20.616	S	174.115	W	33	N	4.5	1.0	33	TONGA ISLANDS
17	00	15	30.9*	15.861	N	95.002	W	33	N	3.9	0.9	15	NEAR COAST OF OAXACA, MEXICO. MD 4.3 (UNM).
17	02	00	04.2*	36.289	N	70.992	E	150	G	3.5	0.7	10	HINDU KUSH REGION, AFGHANISTAN
17	02	30	22.0	43.035	N	12.813	E	10	G		0.8	26	CENTRAL ITALY. ML 3.3 (LDG).
17	03	05	01.8*	18.472	S	68.991	W	152	*	4.0	0.1	7	CHILE-BOLIVIA BORDER REGION
17	03	06	44.3&	46.320	N	13.650	E	5				9	AUSTRIA. <LJU>. ML 2.3 (VIE), 1.7 (LJU).
17	03	21	16.7	51.535	N	15.944	E	5	G	4.1	0.9	54	POLAND. ML 4.6 (GRF), 4.2 (FUR), 4.1 (VIE), 3.9 (WAR).
17	03	32	28.1*	25.250	N	125.390	E	87	D	4.2	1.2	25	SOUTHWESTERN RYUKYU ISLANDS
17	04	54	20.1&	46.190	N	16.090	E	3				5	NORTHWESTERN BALKAN REGION. <LJU>. ML 2.3 (VIE), 1.9 (LJU).
17	05	11	20.4	43.388	N	146.238	E	81	D	4.6	0.9	35	KURIL ISLANDS. Felt (II) at Yuzhno-Kurilsk.
17	05	38	19.3&	40.185	N	28.867	E	9				8	TURKEY. <ISK>. MD 3.0 (ISK).
17	05	39	03.1*	55.032	N	165.490	E	33	N	3.9	0.5	11	KOMANDORSKY ISLANDS REGION
17	05	43	31.2&	63.230	N	149.732	W	17				7	CENTRAL ALASKA. <AEIC>. ML 2.3 (AEIC), 2.9 (PMR).
17	05	50	42.1&	33.159	S	71.862	W	15				11	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.5 (GUC).
17	06	23	18.0&	19.080	N	67.360	W	22				9	MONA PASSAGE. <MPR>. MD 3.1 (MPR).
17	07	27	49.1&	37.058	N	30.276	E	10	G			5	TURKEY. <ISK>. MD 3.4 (ISK).
17	07	31	23.8&	37.044	N	30.308	E	10	G			5	TURKEY. <ISK>. MD 3.2 (ISK).
17	07	40	35.3*	18.011	S	174.471	W	33	N	4.2	0.7	15	TONGA ISLANDS
17	08	21	18.9*	54.998	N	165.523	E	33	N	4.0	0.7	16	KOMANDORSKY ISLANDS REGION
17	08	45	46.2	5.062	S	152.371	E	94	D	4.9	0.9	55	NEW BRITAIN REGION, P.N.G.
17	08	52	37.0&	19.020	N	67.260	W	25				9	MONA PASSAGE. <MPR>. MD 3.2 (MPR).
17	09	00	33.9	43.310	N	126.992	W	10	G	2.6	0.5	82	OFF COAST OF OREGON
17	09	43	22.7&	37.230	N	4.170	W	0	G			12	SPAIN. <MDD>. mbLg 2.7 (MDD).
17	10	19	53.8&	32.680	S	71.807	W	24				12	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.8 (GUC).
17	10	20	51.7&	32.660	S	71.754	W	25				14	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.0 (GUC).
17	10	30	28.5&	31.039	S	71.671	W	17				11	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.2 (GUC).
17	10	36	18.8&	37.836	N	30.515	E	5				7	TURKEY. <ISK>. MD 3.4 (ISK).
17	10	38	30.7&	37.834	N	30.474	E	5				5	TURKEY. <ISK>. MD 3.1 (ISK).
17	11	07	26.3?	43.00	N	12.88	E	10	G		1.4	9	CENTRAL ITALY. ML 3.2 (LDG), 3.1 (VIE).
17	12	00	56.7?	29.25	N	142.00	E	33	N	3.6	1.5	7	SOUTH OF HONSHU, JAPAN
17	12	15	38.1&	39.567	N	29.457	E	10	G			5	TURKEY. <ISK>. MD 2.6 (ISK).
17	12	39	36.8&	32.305	S	71.688	W	18				12	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.1 (GUC).
17	12	54	20.1?	43.85	N	146.48	E	33	N	4.0	0.8	8	KURIL ISLANDS
17	13	29	12.9&	40.238	N	29.014	E	10	G			5	TURKEY. <ISK>. MD 2.7 (ISK).
17	14	15	20.8	26.871	N	54.789	E	33	N	4.2	1.1	31	SOUTHERN IRAN
17	15	02	05.4&	34.609	N	116.629	W	9				33	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.6 (PAS), 3.5 (GS).
17	15	35	27.1*	7.260	S	12.497	W	10	G	4.5	1.0	8	ASCENSION ISLAND REGION
17	15	42	11.8*	15.391	N	95.355	W	33	N		1.0	12	NEAR COAST OF OAXACA, MEXICO. MD 4.4 (UNM).
17	16	16	49.5&	37.879	N	30.528	E	6				5	TURKEY. <ISK>. MD 3.4 (ISK).

17	16	24	57.1&	37.866	N	30.634	E	5					6	TURKEY. <ISK>. MD 3.4 (ISK).
17	16	31	34.4*	81.961	N	4.240	W	28	D	3.8	1.3		15	NORTH OF SVALBARD
17	16	50	03.1&	37.220	N	4.200	W	2					12	SPAIN. <MDD>. mbLg 2.5 (MDD).
17	17	37	57.8	58.920	S	25.251	W	33	N		0.6		18	SOUTH SANDWICH ISLANDS REGION
17	18	06	57.9&	38.090	N	27.170	E	5					5	TURKEY. <ISK>. MD 3.0 (ISK).
17	18	13	16.0&	18.170	N	67.250	W	30					5	MONA PASSAGE. <MPR>. MD 2.3 (MPR).
17	18	25	56.4?	16.54	S	173.90	E	33	N	4.1	0.9		8	FIJI ISLANDS REGION
17	18	27	49.9&	48.200	N	7.690	E	9					33	FRANCE. <STR>. ML 2.5 (LDG), 2.1 (FBB), 2.0 (STR).
17	18	37	07.1&	37.147	N	30.846	E	10	G				7	TURKEY. <ISK>. MD 3.6 (ISK).
17	18	54	48.9*	18.131	N	68.194	W	100	G	3.7	0.9		15	MONA PASSAGE. MD 4.0 (MPR).
17	19	03	55.0?	3.26	S	135.07	E	33	N	3.7	0.8		5	IRIAN JAYA REGION, INDONESIA
17	19	06	46.8&	48.190	N	7.680	E	8					27	FRANCE. <STR>. ML 2.5 (LDG), 2.2 (FBB), 2.1 (STR).
17	19	08	38.2&	37.150	N	4.240	W	6					9	SPAIN. <MDD>. mbLg 2.1 (MDD).
17	19	32	18.4	29.935	N	132.252	E	27	D	4.4	1.2		25	SOUTHEAST OF SHIKOKU, JAPAN
17	19	41	16.3&	37.210	N	4.230	W	0					8	SPAIN. <MDD>. mbLg 1.7 (MDD).
17	19	48	51.6	32.658	S	71.535	W	33	N	4.8	4.5 1.2		52	NEAR COAST OF CENTRAL CHILE. MD 5.0 (GUC). Felt (V) at Cabildo, La Ligua, Llay-Llay, Los Andes, Panquehue, Papudo, Petorca, Puchuncavi, Quintero, San Felipe and Santa Maria; (IV) at Santiago, Valparaiso, Villa Alemana and Vina del Mar; (III) at Algarrobo, Cartagena, Casablanca, El Quisco and San Antonio; (II) at Salamanca.
17	19	56	20.6&	37.210	N	4.170	W	1					22	SPAIN. <MDD>. mbLg 2.8 (MDD).
17	20	06	02.4?	45.24	N	148.18	E	161	?	3.2	0.8		7	KURIL ISLANDS
17	20	24	03.5&	37.250	N	4.180	W	0	G				14	SPAIN. <MDD>. mbLg 2.4 (MDD).
17	20	29	56.5&	37.220	N	4.170	W	0	G				14	SPAIN. <MDD>. mbLg 2.3 (MDD).
17	20	30	43.9&	32.781	S	71.479	W	31					13	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.7 (GUC).
17	20	37	26.9&	37.190	N	4.200	W	9					14	SPAIN. <MDD>. mbLg 2.4 (MDD).
17	20	40	35.7	51.303	N	179.466	E	33	N	4.1	1.2		23	RAT ISLANDS, ALEUTIAN ISLANDS
17	21	01	52.7&	46.260	N	13.640	E	5					8	AUSTRIA. <LJU>. ML 1.8 (LJU).
17	21	20	02.0&	61.502	N	151.437	W	75		3.2			57	SOUTHERN ALASKA. <AEIC>. Felt at Tyonek.
17	21	30	32.0*	29.081	N	139.457	E	422	*	3.7	0.4		13	SOUTH OF HONSHU, JAPAN
17	21	59	31.5&	46.320	N	13.590	E	6					17	AUSTRIA. <LJU>. ML 2.9 (VIE), 2.4 (LJU). Felt at Magozd, Slovenia.
17	22	35	33.6&	34.556	S	72.268	W	26					10	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.7 (GUC).
17	23	17	16.3&	32.407	S	71.715	W	12					9	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.4 (GUC).
17	23	20	20.0&	19.310	N	66.590	W	50					5	PUERTO RICO REGION. <MPR>. MD 3.1 (MPR).
17	23	32	26.1&	37.190	N	4.230	W	0					9	SPAIN. <MDD>. mbLg 2.0 (MDD).
17	23	47	19.2&	44.456	N	7.191	E	14					4	NORTHERN ITALY. <GEN>. ML 1.7 (GEN).
17	23	59	43.9&	32.776	S	71.521	W	28					12	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.8 (GUC).
18	00	02	35.8&	37.180	N	4.220	W	3					7	SPAIN. <MDD>. mbLg 1.7 (MDD).
18	00	05	55.0&	44.446	N	7.292	E	8					7	NORTHERN ITALY. <GEN>. ML 2.0 (GEN).
18	00	37	06.4&	44.800	N	6.600	E	2					15	FRANCE. <LDG>. ML 2.1 (LDG), 2.0 (GEN).
18	00	46	08.7	8.899	S	123.947	E	100	G	5.1	1.0		62	FLORES REGION, INDONESIA. Mw 5.0 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 00:46:09.7; Lat 9.34 S; Lon 124.46 E; Dep 107.2; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=4.24, Plg=62, Azm=327; (N) Val=-1.23, Plg=28, Azm=133; (P) Val=-3.01, Plg=6, Azm=226; Best double couple: Mo=3.6*10**16 Nm; NP1: Strike=343, Dip=46, Slip=130; NP2: Strike=113, Dip=57, Slip=56.
18	00	54	20.9	34.265	N	32.281	E	33	N	4.3	1.1		46	CYPRUS REGION
18	01	33	14.2&	37.200	N	4.210	W	3					10	SPAIN. <MDD>. mbLg 2.3 (MDD).
18	02	19	02.5*	16.980	S	179.045	W	500	G	4.1	0.5		15	FIJI ISLANDS REGION
18	02	23	41.5&	18.225	N	76.603	W	10					8	JAMAICA REGION. <HOJ>.
18	02	23	46.0&	37.180	N	4.210	W	6					11	SPAIN. <MDD>. mbLg 2.1 (MDD).
18	02	27	26.3&	37.160	N	4.220	W	4					8	SPAIN. <MDD>. mbLg 1.9 (MDD).
18	02	35	02.5&	37.210	N	4.210	W	2					12	SPAIN. <MDD>. mbLg 2.0 (MDD).
18	02	41	15.1&	44.522	N	7.205	E	12					8	NORTHERN ITALY. <GEN>. ML 2.0 (GEN).
18	02	59	13.3&	32.495	S	71.904	W	20					14	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.7 (GUC).
18	03	11	47.1&	37.130	N	4.330	W	2					11	SPAIN. <MDD>. mbLg 1.9 (MDD).
18	03	23	55.0&	34.177	S	70.308	W	115					11	CHILE-ARGENTINA BORDER REGION. <GUC>.
18	03	35	22.9&	60.305	N	140.809	W	10					14	SOUTHEASTERN ALASKA. <AEIC>. ML 2.5 (AEIC).
18	03	48	29.1&	37.140	N	4.320	W	0	G				17	SPAIN. <MDD>. mbLg 2.3 (MDD).
18	04	09	06.5*	23.540	S	176.034	W	33	N	4.4	1.4		17	SOUTH OF FIJI ISLANDS
18	04	16	00.0&	37.200	N	4.200	W	6					10	SPAIN. <MDD>. mbLg 2.2 (MDD).
18	04	17	38.1&	37.220	N	4.250	W	0	G				13	SPAIN. <MDD>. mbLg 2.4 (MDD).
18	04	32	25.6&	37.190	N	4.180	W	0	G				7	SPAIN. <MDD>. mbLg 1.7 (MDD).
18	04	38	34.1?	21.98	N	143.09	E	300	G	3.6	0.8		10	MARIANA ISLANDS REGION
18	05	07	38.8&	37.230	N	4.210	W	0	G				9	SPAIN. <MDD>. mbLg 2.1 (MDD).
18	05	08	13.1*	46.202	N	13.516	E	10	G		0.6		7	AUSTRIA. ML 2.5 (VIE).
18	05	27	42.0&	34.226	S	70.823	W	83					10	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.1 (GUC).
18	05	43	26.3&	44.129	N	7.148	E	9					4	NORTHERN ITALY. <GEN>. ML 1.9 (GEN).
18	05	45	07.8&	37.190	N	4.220	W	0					9	SPAIN. <MDD>. mbLg 2.2 (MDD).
18	06	09	42.4&	37.180	N	4.250	W	0	G				9	SPAIN. <MDD>. mbLg 2.3 (MDD).
18	06	29	49.0	5.570	S	147.991	E	200	G	4.5	1.1		39	EASTERN NEW GUINEA REG., P.N.G.
18	06	46	11.9&	31.947	S	71.425	W	25					10	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.6 (GUC).
18	06	47	33.7&	60.129	N	147.886	W	14					49	SOUTHERN ALASKA. <AEIC>. ML 2.8 (AEIC).
18	06	49	03.1?	59.91	S	25.88	W	100	G		1.4		6	SOUTH SANDWICH ISLANDS REGION
18	07	07	31.2&	37.190	N	4.290	W	0	G				11	SPAIN. <MDD>. mbLg 2.3 (MDD).
18	07	53	23.6	23.913	S	179.870	E	528	D	4.6	0.9		107	SOUTH OF FIJI ISLANDS
18	08	21	15.6&	37.230	N	4.180	W	0	G				11	SPAIN. <MDD>. mbLg 2.2 (MDD).
18	08	57	36.1&	37.240	N	4.200	W	0	G				24	SPAIN. <MDD>. mbLg 3.1 (MDD).
18	09	02	43.2	52.572	N	174.733	E	91		4.4	0.9		24	NEAR ISLANDS, ALEUTIAN ISLANDS
18	09	15	35.0&	37.663	N	27.264	E	10	G				9	TURKEY. <ISK>. MD 3.5 (ISK).
18	09	16	08.8*	13.198	N	50.955	E	33	N	4.1	1.3		10	EASTERN GULF OF ADEN
18	09	37	12.9*	6.246	S	146.103	E	128	*	3.5	1.3		10	EASTERN NEW GUINEA REG., P.N.G.
18	09	45	34.5&	18.650	N	67.490	W	2					11	MONA PASSAGE. <MPR>. MD 3.6 (MPR).
18	09	46	13.6*	50.747	N	129.784	W	10	G	3.5	0.9		34	VANCOUVER ISLAND REGION
18	10	04	21.7	63.470	S	147.673	E	10	G	5.1	5.3 0.9		63	SOUTH OF AUSTRALIA. Mw 5.5 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 10:04:27.9; Lat 63.38 S; Lon 147.25 E; Dep 15.0 Fix; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=1.91, Plg=0, Azm=309; (N) Val=0.05, Plg=82, Azm=217;

(P) Val=-1.96, Plg=8, Azm=39; Best double couple: Mo=1.9*10**17 Nm; NP1: Strike=83, Dip=84, Slip=-6; NP2: Strike=174, Dip=84, Slip=-174.

18	10	15	41.0	46.198	N	13.626	E	10	G			1.3	33	AUSTRIA. ML 3.6 (GRF), 3.2 (VIE), 3.0 (LDG), 2.9 (FUR). Felt (IV) at Nova Gorica, Slovenia.
18	10	57	15.3*	39.859	N	41.158	E	33	N	3.3		1.0	9	TURKEY. MD 3.9 (ISK).
18	11	02	57.6&	62.454	N	149.264	W	64					35	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
18	11	27	26.7	17.323	N	84.776	W	10	G	4.6		1.0	93	CARIBBEAN SEA
18	13	01	42.3	11.497	S	116.806	E	33	N	4.1		1.4	18	SOUTH OF SUMBAWA, INDONESIA
18	14	24	08.7	6.680	N	73.306	W	33	N	4.1		1.0	26	NORTHERN COLOMBIA
18	14	43	33.7&	34.419	S	70.588	W	106					10	CHILE-ARGENTINA BORDER REGION. <GUC>.
18	15	28	49.5&	37.200	N	4.260	W	0	G				8	SPAIN. <MDD>. mbLg 1.8 (MDD).
18	15	38	15.3&	37.230	N	4.190	W	3					10	SPAIN. <MDD>. mbLg 2.2 (MDD).
18	15	39	57.7&	40.733	N	29.869	E	13					11	TURKEY. <ISK>. MD 3.2 (ISK).
18	16	22	52.0&	45.570	N	74.990	W	18	G				10	SOUTHERN ONTARIO, CANADA. <OTT-P>. mbLg 4.1 (OTT), 3.7 (GS). Felt at Clarence Creek, Hawksbury and Orleans.
18	16	55	45.9?	31.08	S	69.57	W	100	G			0.7	11	SAN JUAN PROVINCE, ARGENTINA. MD 3.2 (GUC).
18	17	01	30.9&	33.916	S	70.449	W	14					11	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.9 (GUC).
18	17	06	18.7&	62.086	N	147.228	W	37					54	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC), 3.2 (PMR).
18	17	12	05.4?	12.72	N	144.80	E	33	N	3.8		1.3	9	SOUTH OF MARIANA ISLANDS
18	18	05	59.1	4.006	N	127.889	E	33	N	4.6		0.9	36	TALAUD ISLANDS, INDONESIA
18	18	16	05.3	27.762	N	127.496	E	146	*	4.3		1.3	42	RYUKYU ISLANDS
18	18	57	58.3*	23.647	S	66.734	W	230	?	4.0		0.9	8	JUJUY PROVINCE, ARGENTINA
18	19	19	47.9	18.738	S	175.019	W	133	D	4.5		1.0	49	TONGA ISLANDS
18	19	36	56.9&	32.505	S	71.761	W	32					11	NEAR COAST OF CENTRAL CHILE. <GUC>.
18	19	47	00.1	40.973	N	49.848	E	33	N	4.5		0.9	58	EASTERN CAUCASUS
18	19	59	53.0	42.205	N	24.151	E	8				1.0	12	BULGARIA
18	20	03	15.9&	32.511	S	71.763	W	31					8	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.5 (GUC).
18	20	19	57.1	46.217	N	13.733	E	10	G			1.1	16	AUSTRIA. ML 3.2 (GRF), 2.9 (VIE).
18	20	58	05.2*	38.019	N	73.909	E	200	G	3.5		0.9	9	TAJIKISTAN-XINJIANG BORDER REG.
18	21	15	27.8&	37.210	N	4.170	W	2					10	SPAIN. <MDD>. mbLg 2.1 (MDD).
18	21	18	22.4*	3.425	S	146.101	E	33	N	3.8		1.5	11	BISMARCK SEA
18	21	24	20.8&	44.477	N	7.188	E	5					4	NORTHERN ITALY. <GEN>. ML 2.0 (GEN).
18	22	06	07.6&	44.619	N	7.235	E	13					14	NORTHERN ITALY. <GEN>. ML 2.2 (GEN), 1.8 (LDG).
18	22	13	39.8*	26.026	S	179.674	E	500	G	4.2		1.2	27	SOUTH OF FIJI ISLANDS
18	22	45	43.1&	39.100	N	105.100	W	5	G				10	COLORADO. <MACRO>. ML 2.7 (GS). Felt at Cascade.
18	22	48	43.1&	37.180	N	4.220	W	6					12	SPAIN. <MDD>. mbLg 2.0 (MDD).
18	23	17	51.1	46.211	N	13.752	E	10	G			1.1	16	AUSTRIA. ML 2.9 (VIE), 2.4 (LJU).
18	23	20	42.4&	42.500	N	1.300	E	2					6	PYRENEES. <LDG>. ML 2.4 (LDG).
18	23	24	54.4	51.578	N	177.225	W	43	D	4.6		1.1	63	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.3 (PMR).
19	00	00	52.2&	35.810	N	121.335	W	5	G				13	CENTRAL CALIFORNIA. <BRK>. ML 3.0 (BRK).
19	00	21	59.4&	44.420	N	7.284	E	4					5	NORTHERN ITALY. <GEN>. ML 1.6 (GEN).
19	01	19	48.9&	53.166	N	164.228	W	36					5	UNIMAK ISLAND REGION. <AEIC>. ML 2.9 (AEIC).
19	01	54	40.9&	34.213	S	70.739	W	98					10	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.2 (GUC).
19	02	31	15.6*	62.935	S	147.749	E	10	G	4.4		1.2	24	SOUTH OF AUSTRALIA
19	02	53	54.3?	37.52	N	25.33	W	10	G			0.3	8	AZORES ISLANDS. MD 2.4 (RUVS).
19	03	20	42.9*	39.539	N	77.425	E	33	N	4.3		1.5	17	SOUTHERN XINJIANG, CHINA
19	03	49	16.8	56.822	N	154.162	W	33	N	4.6		1.1	103	KODIAK ISLAND REGION. ML 4.7 (PMR), 4.4 (AEIC).
19	03	51	05.8&	34.606	N	116.626	W	9					26	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
19	04	05	16.0	8.659	S	121.474	E	150	G	4.1		0.4	11	FLORES REGION, INDONESIA
19	04	17	52.7&	32.687	S	71.408	W	42					12	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.5 (GUC).
19	04	27	49.1&	20.154	N	99.003	W	2					4	CENTRAL MEXICO. <UNM>. MD 2.9 (UNM).
19	04	51	27.0&	37.960	N	112.500	W	6		3.0			24	UTAH. <SLC-P>. ML 3.1 (SLC).
19	05	41	12.2&	44.793	N	111.495	W	10					14	HEBGEN LAKE REGION. <BUT-P>. ML 2.6 (BUT). Felt at the Wade Lake Lodge.
19	06	12	30.8&	37.200	N	3.610	W	0	G				8	SPAIN. <MDD>. mbLg 2.0 (MDD). Felt (II) at Albolote.
19	06	23	15.4*	6.898	N	126.907	E	33	N	4.4		1.1	12	MINDANAO, PHILIPPINE ISLANDS
19	06	48	23.2*	6.944	N	127.352	E	33	N	4.1		1.5	9	PHILIPPINE ISLANDS REGION
19	07	17	57.7*	51.621	N	6.716	E	10	G			1.0	11	GERMANY. ML 2.8 (LDG), 2.6 (UCC).
19	08	13	10.3&	33.737	S	71.862	W	36					10	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.2 (GUC).
19	08	32	39.7*	6.872	N	127.256	E	48	D	4.0		1.2	10	PHILIPPINE ISLANDS REGION
19	09	13	27.4	37.014	N	2.369	W	5	G			0.9	33	SPAIN. mbLg 3.5 (MDD). Felt (III) at Almeria and (II) at Nijar.
19	09	27	06.2*	22.944	S	71.207	W	33	N	4.3		0.8	16	OFF COAST OF NORTHERN CHILE
19	09	40	32.2	39.828	N	138.540	E	33	N	4.9		0.7	122	EASTERN SEA OF JAPAN. Felt (I JMA) in western Akita and western Yamagata Prefectures, Honshu.
19	10	06	37.5*	24.273	N	122.141	E	150	G	3.7		1.2	10	TAIWAN REGION
19	10	10	10.1*	8.528	N	82.727	W	33	N	4.0		1.2	22	PANAMA-COSTA RICA BORDER REGION. MD 4.6 (UPA).
19	11	18	06.1	37.689	N	15.770	W	10	G	3.8		1.2	55	NORTH ATLANTIC OCEAN. mbLg 3.6 (MDD).
19	11	27	42.0	42.880	N	12.889	E	10	G	3.6		1.4	67	CENTRAL ITALY. ML 3.8 (VIE), 3.5 (LDG).
19	12	21	09.5	24.411	N	125.654	E	33	N	4.8	4.5	1.1	61	SOUTHWESTERN RYUKYU ISLANDS. Felt (I JMA) on Miyako-shima.
19	12	47	46.1	5.936	S	147.305	E	100	G	4.4		1.0	31	EASTERN NEW GUINEA REG., P.N.G.
19	13	51	50.3?	28.18	N	126.49	E	300	G	4.1		1.4	17	NORTHWEST OF RYUKYU ISLANDS
19	14	37	26.7*	42.349	N	126.832	W	10	G	3.0		0.7	17	OFF COAST OF OREGON
19	14	53	17.6*	42.502	N	126.191	W	10	G			0.9	28	OFF COAST OF OREGON
19	15	00	37.2*	18.840	S	168.718	E	33	N	4.0		1.2	24	VANUATU ISLANDS
19	15	14	00.9*	62.979	S	149.891	E	10	G	4.3		1.1	8	BALLENY ISLANDS REGION
19	15	45	15.0	42.501	N	126.879	W	10	G	3.7		1.1	41	OFF COAST OF OREGON
19	15	50	59.3&	63.135	N	150.371	W	117					15	CENTRAL ALASKA. <AEIC>.
19	15	51	32.2	42.461	N	126.686	W	10	G	4.6	4.4	0.8	151	OFF COAST OF OREGON
19	16	25	13.9	42.463	N	126.666	W	10	G	4.6	4.4	1.0	124	OFF COAST OF OREGON
19	16	33	32.3*	33.106	S	68.643	W	10	G			0.9	15	MENDOZA PROVINCE, ARGENTINA. MD 4.3 (GUC).
19	17	40	48.5	13.345	N	89.148	W	60	D	4.5		1.2	46	EL SALVADOR
19	17	47	35.1?	1.48	S	77.34	W	158	?	3.7		1.1	10	ECUADOR
19	17	59	08.7	6.879	N	127.035	E	54	*	4.6		1.3	44	PHILIPPINE ISLANDS REGION
19	18	20	08.2	46.210	N	13.711	E	10	G			1.0	13	AUSTRIA. ML 2.6 (VIE), 2.0 (LJU).
19	18	22	52.4*	42.407	N	126.172	W	10	G	3.3		0.9	17	OFF COAST OF OREGON
19	18	49	58.8&	60.274	N	153.532	W	179		2.7			17	SOUTHERN ALASKA. <AEIC>.
19	18	56	35.3*	51.557	N	175.982	W	49	*	4.2		1.1	14	ANDREANOF ISLANDS, ALEUTIAN IS.
19	19	04	58.7&	32.800	S	71.515	W	22					12	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.7 (GUC).
19	19	18	25.1&	37.230	N	4.190	W	2					23	SPAIN. <MDD>. mbLg 2.7 (MDD).
19	19	48	29.0*	12.181	N	144.223	E	51	D	4.4		1.1	33	SOUTH OF MARIANA ISLANDS
19	19	56	01.7	46.274	N	13.655	E	10	G			1.2	17	AUSTRIA. ML 2.7 (VIE), 2.2 (LJU).

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19  19 57 22.9  25.042 N   63.292 E   33 N  4.7          0.9   52  SOUTHWESTERN PAKISTAN
19  20 13 15.0* 18.869 S  168.652 E   33 N  4.1          0.9   25  VANUATU ISLANDS
19  20 32 46.8   3.871 S  126.401 E   33 N  5.1          1.1   55  BURU, INDONESIA
19  20 34 41.8& 37.210 N    4.190 W    0                        19  SPAIN. <MDD>. mbLg 2.7 (MDD).
19  20 36 17.6& 37.110 N    4.150 W   16                         5  SPAIN. <MDD>. mbLg 1.7 (MDD).
19  20 46 22.2& 37.200 N    4.180 W    0                        9  SPAIN. <MDD>. mbLg 1.6 (MDD).
19  20 50 44.1& 37.190 N    4.180 W    4                       11  SPAIN. <MDD>. mbLg 1.8 (MDD).
19  20 52 25.5& 37.160 N    3.980 W    0 G                      5  SPAIN. <MDD>. mbLg 1.3 (MDD).
19  21 03 09.7& 37.200 N    4.210 W    0 G                     10  SPAIN. <MDD>. mbLg 1.8 (MDD).
19  21 07 43.0& 37.200 N    4.170 W    1                       11  SPAIN. <MDD>. mbLg 1.8 (MDD).
19  21 21 21.5& 37.180 N    4.170 W    7                        9  SPAIN. <MDD>. mbLg 1.7 (MDD).
19  21 31 43.0& 47.854 N    7.294 E    5                        5  SWITZERLAND. <LDG>. ML 1.7 (LDG).
19  21 37 56.1   8.342 N  103.277 W   33 N  4.6 4.5    0.9   42  OFF COAST OF MEXICO
19  21 51 14.6? 33.98  N  137.53  E  100 G  3.8          1.4   12  NEAR S. COAST OF HONSHU, JAPAN
19  22 11 22.3   2.232 N  127.017 E  100 G  4.9          0.9   34  NORTHERN MOLUCCA SEA
19  22 15 18.5& 37.240 N    4.280 W    0 G                     16  SPAIN. <MDD>. mbLg 2.1 (MDD).
19  22 21 25.9& 37.170 N    4.040 W    2                        6  SPAIN. <MDD>. mbLg 1.6 (MDD).
19  22 55 44.9& 37.190 N    4.210 W    3                        8  SPAIN. <MDD>. mbLg 1.7 (MDD).
19  23 14 27.0& 37.180 N    4.280 W    0 G                      9  SPAIN. <MDD>. mbLg 1.6 (MDD).
19  23 19 48.8* 24.252 S   66.988 W  168 *  4.3          0.7   14  SALTA PROVINCE, ARGENTINA
19  23 21 59.7& 37.190 N    4.160 W    8                       14  SPAIN. <MDD>. mbLg 2.2 (MDD).
20  00 01 04.3& 37.200 N    4.160 W    3                       12  SPAIN. <MDD>. mbLg 2.0 (MDD).
20  00 01 56.8   0.532 S   99.331 E   63     4.8          0.9   67  SOUTHERN SUMATERA, INDONESIA
20  00 15 42.2& 40.550 N    0.980 E    0 G                     13  SPAIN. <MDD>. ML 2.4 (LDG). mbLg 2.2 (MDD).
20  00 32 50.5& 37.170 N    4.220 W    2                        9  SPAIN. <MDD>. mbLg 1.6 (MDD).
20  00 48 31.8& 37.180 N    4.180 W    4                       10  SPAIN. <MDD>. mbLg 1.8 (MDD).
20  00 50 56.1*  5.410 S  152.954 E   33 N  3.6          0.9    6  NEW BRITAIN REGION, P.N.G.
20  01 14 37.0* 23.707 S  175.855 W   33 N  4.4          1.0   19  TONGA ISLANDS REGION
20  01 49 56.6* 31.837 N  130.215 E   33 N  4.1          1.4   17  KYUSHU, JAPAN. Felt (III JMA) in northern Kagoshima; (II
                                                                   JMA) in southern Kumamoto; (I JMA) in northern Kumamoto and
                                                                   parts of Miyazaki Prefectures.
20  02 08 12.2* 11.231 N  125.188 E  100 G  4.2          0.8   12  SAMAR, PHILIPPINE ISLANDS
20  02 10 35.8& 34.451 S   72.175 W   33                        11  NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.9 (GUC).
20  02 27 08.1& 37.230 N    4.200 W    1                       13  SPAIN. <MDD>. mbLg 2.0 (MDD).
20  04 16 01.0& 31.890 S   70.335 W  123                        10  CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.5 (GUC).
20  04 29 47.3* 42.707 N   13.000 E   10 G          1.1   29  CENTRAL ITALY. ML 3.3 (VIE), 3.2 (LDG).
20  04 36 13.6& 37.150 N    4.250 W    8                       13  SPAIN. <MDD>. mbLg 2.3 (MDD).
20  04 54 39.3& 37.220 N    4.170 W    0                       18  SPAIN. <MDD>. mbLg 2.9 (MDD).
20  05 06 11.4& 37.230 N    4.220 W    0                       18  SPAIN. <MDD>. mbLg 2.7 (MDD).
20  05 17 16.5& 37.210 N    4.150 W    0 G                      8  SPAIN. <MDD>. mbLg 1.9 (MDD).
20  06 05 38.2  23.435 S   68.592 W  100 D  4.3          1.0   23  NORTHERN CHILE
20  06 23 33.7   3.869 S  126.431 E   33 N  4.7          1.0   25  BURU, INDONESIA
20  06 46 41.9& 37.190 N    4.190 W    0 G                      5  SPAIN. <MDD>. mbLg 1.7 (MDD).
20  06 48 49.8* 44.442 N  129.049 W   10 G  3.6          1.0   19  OFF COAST OF OREGON
20  07 05 19.8& 38.671 N   26.321 E   10 G                0.5   10  AEGEAN SEA. MD 3.2 (ISK).
20  07 59 19.1* 53.030 S   21.030 E   10 G  4.5          1.0   35  SOUTH OF AFRICA
20  08 02 33.4& 37.200 N    4.190 W    0 G                      7  SPAIN. <MDD>. mbLg 2.2 (MDD).
20  08 29 52.1& 37.200 N    4.160 W    0 G                     10  SPAIN. <MDD>. mbLg 2.4 (MDD).
20  09 37 53.6* 52.637 S   21.459 E   10 G  4.5          1.1   17  SOUTH OF AFRICA
20  09 39 51.7*  3.761 S  126.318 E   33 N  4.2          1.5   11  BURU, INDONESIA
20  09 53 17.4  42.432 N  142.920 E   54 D  4.3          1.1   24  HOKKAIDO, JAPAN  REGION. Felt (II JMA) in southern Hokkaido.
20  10 05 44.4& 49.010 N    8.680 E    6                        5  GERMANY. <STR>. ML 1.7 (STR).
20  10 22 25.4& 37.150 N    4.220 W    0 G                      9  SPAIN. <MDD>. mbLg 2.2 (MDD).
20  10 36 24.5& 15.760 N   98.334 W   15                       35  OFF COAST OF GUERRERO, MEXICO. <UNM>. MD 4.4 (UNM).
20  10 54 09.9  17.858 S  173.191 W   33 N  4.9 5.2    1.1   90  TONGA ISLANDS. Mw 5.6 (HRV).
                                                                   Centroid, Moment Tensor (HRV): Centroid origin time
                                                                   10:54:15.5; Lat 17.87 S; Lon 172.57 W; Dep 16.0 Bdy; Half-
                                                                   duration 1.5 sec; Principal axes (scale 10**17 Nm): (T)
                                                                   Val=2.41, Plg=76, Azm=256; (N) Val=0.48, Plg=6, Azm=11; (P)
                                                                   Val=-2.90, Plg=12, Azm=102; Best double couple:
                                                                   Mo=2.7*10**17 Nm; NP1: Strike=200, Dip=33, Slip=101; NP2:
                                                                   Strike=7, Dip=58, Slip=83.
20  11 16 53.1   7.300 N   82.176 W   10 G  4.8          1.0  140  SOUTH OF PANAMA
20  11 27 41.3& 43.320 N    1.560 W    0 G                      5  PYRENEES. <MDD>. ML 1.6 (STR). mbLg 1.8 (MDD).
20  11 59 55.2  20.676 S   68.932 W  112 D  4.3          1.1   36  CHILE-BOLIVIA BORDER REGION
20  12 44 00.6* 14.352 S  175.550 W   33 N  3.7          0.8   10  SAMOA ISLANDS REGION
20  13 04 23.9& 16.905 N  100.516 W    5                        6  NEAR COAST OF GUERRERO, MEXICO. <UNM>. MD 3.6 (UNM).
20  14 26 18.9* 34.602 N   32.277 E   33 N                1.1    9  CYPRUS REGION
20  15 06 42.9& 20.038 N   99.196 W    1                       11  CENTRAL MEXICO. <UNM>. MD 3.3 (UNM).
20  15 14 24.2& 18.670 N   66.720 W   79                       10  PUERTO RICO REGION. <MPR>. MD 3.4 (MPR).
20  17 27 19.2& 32.792 S   71.458 W   35                       15  NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.3 (GUC). Felt (II)
                                                                   at Limache, Olmue, Quillota, Quilpue, Quintero, Valparaiso
                                                                   and Vina del Mar.
20  17 41 32.5& 32.758 S   71.477 W   33                       14  NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.1 (GUC). Felt (II)
                                                                   at Concon, Quillota, Quilpue, Quintero and San Felipe.
20  18 27 31.0* 46.259 N   13.478 E   10 G                0.8    7  AUSTRIA. ML 2.4 (VIE).
20  19 00 20.1& 44.500 N    6.400 E    2                        8  FRANCE. <LDG>. ML 1.9 (LDG).
20  19 04 22.6& 37.985 N   31.154 E   10 G                      4  TURKEY. <ISK>. MD 3.3 (ISK).
20  19 23 33.8* 21.512 N  121.450 E  104 ?  3.8          1.0   13  TAIWAN REGION
20  19 29 45.7& 32.924 S   70.180 W   98                        9  CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.5 (GUC).
20  19 44 50.3& 34.346 S   70.700 W  100                       10  CHILE-ARGENTINA BORDER REGION. <GUC>.
20  19 53 56.3& 33.380 S   71.940 W   37                       11  NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.4 (GUC).
20  20 02 28.5*  7.088 S  129.340 E  129 ?  4.4          0.4    6  BANDA SEA
20  21 13 26.3  46.242 N   13.751 E   10 G                1.3   19  AUSTRIA. ML 2.9 (VIE), 2.3 (LJU).
20  21 19 09.1& 59.890 N  153.700 W  137                       63  SOUTHERN ALASKA. <AEIC>.
20  21 23 55.1& 15.914 N   98.504 W   17                       32  OFF COAST OF GUERRERO, MEXICO. <UNM>. MD 4.5 (UNM).
20  21 43 41.0& 18.410 N   66.150 W  112     3.9            14  PUERTO RICO REGION. <MPR>. MD 4.0 (MPR).
20  21 48 09.0& 15.176 N   61.096 W  131                        4  LEEWARD ISLANDS. <FDF>. MG 2.7 (FDF).
20  22 25 25.2* 24.412 S  179.979 W  550 G  4.1          0.8   18  SOUTH OF FIJI ISLANDS
20  22 59 14.7  18.525 N  101.203 W   67 D  5.9          1.0  432  GUERRERO, MEXICO. Mw 6.0 (GS), 6.0 (HRV). Me 5.6 (GS). Felt
                                                                   strongly at Mexico City.
                                                                   Broadband Source Parameters (GS): Dep 58; NP1: Strike=300,
                                                                   Dip=70, Slip=-90; NP2: Strike=120, Dip=20, Slip=-90;
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													Radiated energy 6.0*10**12 Nm.
													Moment Tensor (GS): Dep 66; Principal axes (scale 10**18 Nm): (T) Val=1.12, Plg=23, Azm=18; (N) Val=-0.11, Plg=4, Azm=110; (P) Val=-1.01, Plg=67, Azm=208; Best double couple: Mo=1.1*10**18 Nm; NP1: Strike=101, Dip=22, Slip=-100; NP2: Strike=291, Dip=68, Slip=-86.
													Centroid, Moment Tensor (HRV): Centroid origin time 22:59:21.7; Lat 18.76 N Fix; Lon 100.94 W Fix; Dep 59.6; Half-duration 2.4 sec; Principal axes (scale 10**18 Nm): (T) Val=1.03, Plg=15, Azm=17; (N) Val=-0.04, Plg=4, Azm=108; (P) Val=-0.99, Plg=74, Azm=212; Best double couple: Mo=1.0*10**18 Nm; NP1: Strike=101, Dip=30, Slip=-98; NP2: Strike=290, Dip=61, Slip=-86.
													Scalar Moment (PPT): Mo=6.6*10**17 Nm.
20	23	03	55.6&	37.220	N	4.180	W	0	G			22	SPAIN. <MDD>. mbLg 2.8 (MDD).
20	23	31	36.3&	18.760	N	99.127	W	4				6	GUERRERO, MEXICO. <UNM>. MD 3.4 (UNM).
20	23	34	15.9	39.041	S	175.115	E	251	D	5.1	1.0	108	NORTH ISLAND, NEW ZEALAND. Slight damage in the epicentral area. Felt from Christchurch on the South Island to Taranaki and Hawke's Bay on the North Island.
20	23	41	54.3&	44.348	N	7.316	E	10				6	NORTHERN ITALY. <GEN>. ML 1.7 (GEN).
20	23	44	24.9&	18.367	N	101.129	W	55				16	GUERRERO, MEXICO. <UNM>. MD 4.0 (UNM).
21	00	38	14.9*	38.140	N	73.134	E	150	G	3.9	0.9	14	TAJIKISTAN-XINJIANG BORDER REG.
21	00	44	11.2*	25.042	N	143.156	E	33	N	3.8	1.1	9	VOLCANO ISLANDS REGION
21	00	48	39.2&	33.464	S	70.974	W	67				14	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.1 (GUC).
21	00	55	32.4&	36.710	N	7.580	W	15				14	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.3 (MDD).
21	01	03	49.1*	30.300	N	138.695	E	427	*	3.3	0.2	11	SOUTH OF HONSHU, JAPAN
21	02	03	51.2*	10.937	N	125.276	E	100	G	4.0	1.3	13	LEYTE, PHILIPPINE ISLANDS
21	02	07	00.8&	37.190	N	4.170	W	1				9	SPAIN. <MDD>. mbLg 1.5 (MDD).
21	02	07	51.4&	33.395	S	70.876	W	68				12	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.2 (GUC).
21	02	30	55.4	47.206	N	9.296	E	10	G		1.3	100	GERMANY. ML 3.9 (GRF), 3.8 (FBB), 3.7 (LDG), 3.6 (VIE), 3.6 (FUR), 3.5 (STR).
21	02	37	44.7	6.357	S	148.096	E	65		4.7	0.9	35	NEW BRITAIN REGION, P.N.G.
21	03	12	34.2	41.815	N	19.612	E	10	G		1.0	35	ALBANIA. ML 3.7 (LDG), 3.4 (ROM).
21	03	18	37.8	17.939	S	178.542	W	500	G	4.5	0.9	48	FIJI ISLANDS REGION
21	03	57	08.8&	37.170	N	4.140	W	4				11	SPAIN. <MDD>. mbLg 2.1 (MDD).
21	04	20	24.9?	11.54	N	141.01	E	33	N	3.8	1.2	7	WESTERN CAROLINE ISLANDS
21	04	57	52.4	37.352	N	141.148	E	62	D	4.5	1.0	56	NEAR EAST COAST OF HONSHU, JAPAN
21	05	26	06.3	25.751	N	125.842	E	93	D	4.4	0.9	29	SOUTHWESTERN RYUKYU ISLANDS
21	05	32	01.0&	17.880	N	67.150	W	18				4	MONA PASSAGE. <MPR>. MD 2.2 (MPR).
21	05	35	23.4	34.752	N	32.934	E	33	N	4.3	1.1	102	CYPRUS REGION. ML 4.3 (GII). MD 4.2 (ISK). Felt by people in high-rise buildings on Cyprus.
21	05	37	29.5*	34.935	N	33.070	E	33	N	4.0	1.4	19	CYPRUS REGION
21	06	06	01.5	44.987	N	6.680	E	10	G		0.7	38	FRANCE. ML 2.8 (GEN), 2.5 (LDG), 2.3 (STR).
21	06	33	14.1?	20.26	S	177.90	W	487	D	4.1	1.1	15	FIJI ISLANDS REGION
21	07	27	51.3&	17.980	N	66.850	W	17				5	PUERTO RICO REGION. <MPR>. MD 2.0 (MPR).
21	08	45	19.7&	66.309	N	146.894	W	33				19	NORTHERN ALASKA. <AEIC>. ML 2.7 (AEIC).
21	08	49	52.8&	32.775	S	71.681	W	30				11	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.3 (GUC).
21	08	53	00.1	8.126	S	117.890	E	33	N	3.1	0.8	12	SUMBAWA REGION, INDONESIA
21	09	00	47.9&	44.492	N	6.909	E	7				7	FRANCE. <GEN>. ML 2.1 (GEN).
21	10	27	52.5*	34.782	N	139.071	E	33	N	3.7	1.2	11	NEAR S. COAST OF HONSHU, JAPAN. Felt (III JMA) in eastern Shizuoka and (I JMA) in southern Chiba and eastern Kanagawa Prefectures.
21	10	35	53.2&	38.889	N	27.580	E	10	G			5	TURKEY. <ISK>. MD 2.8 (ISK).
21	10	50	38.3	46.200	N	13.541	E	10	G		1.2	36	AUSTRIA. ML 3.2 (VIE), 3.1 (FUR), 3.1 (LDG), 2.6 (LJU).
21	11	00	16.0&	17.024	N	94.751	W	82		3.1		7	CHIAPAS, MEXICO. <UNM>.
21	11	05	47.3&	44.447	N	7.181	E	18				8	NORTHERN ITALY. <GEN>. ML 1.9 (GEN).
21	11	16	39.5&	33.863	S	70.478	W	14				8	CHILE-ARGENTINA BORDER REGION. <GUC>.
21	11	19	47.4&	34.261	S	70.483	W	104				10	CHILE-ARGENTINA BORDER REGION. <GUC>.
21	11	45	39.7*	34.794	N	139.056	E	33	N	3.2	0.9	6	NEAR S. COAST OF HONSHU, JAPAN. Felt (II JMA) in eastern Shizuoka Prefecture.
21	12	34	36.0*	36.241	N	69.957	E	150	G	3.8	1.0	16	HINDU KUSH REGION, AFGHANISTAN
21	12	43	10.1&	54.972	N	161.226	W	58				13	ALASKA PENINSULA. <AEIC>. ML 2.5 (AEIC).
21	13	03	50.2*	12.853	N	88.330	W	54	D	4.4	1.0	34	OFF COAST OF CENTRAL AMERICA
21	13	23	47.4&	34.711	S	71.966	W	48				10	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.5 (GUC).
21	13	28	13.3&	63.121	N	150.678	W	123				9	CENTRAL ALASKA. <AEIC>.
21	13	52	12.7*	28.490	N	66.547	E	33	N	4.0	0.9	14	PAKISTAN
21	13	55	16.5	14.460	S	167.112	E	233	D	4.9	1.2	147	VANUATU ISLANDS
21	14	03	13.2*	43.182	N	19.446	E	10	G		1.0	11	NORTHWESTERN BALKAN REGION
21	15	12	02.0*	46.228	N	15.897	E	10	G		0.8	8	NORTHWESTERN BALKAN REGION. ML 2.8 (VIE).
21	15	12	08.8	7.201	S	131.491	E	33	N	4.4	1.2	18	TANIMBAR ISLANDS REG., INDONESIA
21	16	04	28.1&	44.800	N	3.200	E	2				21	FRANCE. <LDG>. ML 2.9 (STR), 2.5 (LDG).
21	16	07	02.2&	19.046	N	98.597	W	0				11	CENTRAL MEXICO. <UNM>. MD 4.1 (UNM).
21	16	22	18.3	12.134	N	143.714	E	33	N	4.9 4.8	1.0	65	SOUTH OF MARIANA ISLANDS. Mw 5.0 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 16:22:20.3; Lat 12.13 N Fix; Lon 143.71 E Fix; Dep 32.8; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=3.85, Plg=3, Azm=253; (N) Val=0.48, Plg=36, Azm=345; (P) Val=-4.34, Plg=54, Azm=160; Best double couple: Mo=4.1*10**16 Nm; NP1: Strike=312, Dip=53, Slip=-137; NP2: Strike=193, Dip=57, Slip=-46.
21	16	44	15.5	8.149	S	119.845	E	200	G	5.1	1.2	90	FLORES REGION, INDONESIA
21	17	27	08.8	51.690	N	16.162	E	5	G	3.4	0.7	24	POLAND. ML 4.0 (GRF), 3.6 (VIE), 3.5 (WAR).
21	18	14	38.3	11.473	N	140.730	E	33	N	4.7 4.3	1.0	55	WESTERN CAROLINE ISLANDS
21	18	16	22.2	22.424	N	118.672	E	33	N	4.0	0.8	12	TAIWAN REGION
21	18	21	00.0	51.288	N	15.761	E	5	G		0.8	14	POLAND. ML 3.3 (GRF), 3.2 (VIE), 3.0 (WAR), 2.7 (CLL).
21	18	38	27.1	44.572	N	129.191	W	10	G	3.8	0.9	83	OFF COAST OF OREGON
21	18	59	04.6&	47.730	N	120.086	W	5				40	WASHINGTON. <SEA-P>. MD 2.6 (SEA).
21	19	14	08.2&	37.200	N	3.710	W	0	G			14	SPAIN. <MDD>. mbLg 2.2 (MDD).
21	19	41	50.2*	34.794	N	139.223	E	33	N	3.8	1.0	10	NEAR S. COAST OF HONSHU, JAPAN
21	19	42	40.6&	45.100	N	7.400	E	2				14	NORTHERN ITALY. <LDG>. ML 2.1 (GEN), 1.7 (LDG).
21	20	00	24.2&	30.231	S	70.969	W	149				13	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.5 (GUC).
21	20	06	26.1*	33.172	N	141.194	E	33	N	4.0	0.3	7	OFF EAST COAST OF HONSHU, JAPAN
21	20	19	51.5&	58.856	N	152.823	W	71				43	KODIAK ISLAND REGION. <AEIC>.

21	20	58	06.8*	51.125	N	15.791	E	33	N		0.7	6	POLAND. ML 2.6 (WAR).
21	21	06	29.5*	6.703	N	82.269	W	33	N	4.2	1.1	19	SOUTH OF PANAMA. MD 4.3 (UPA).
21	21	10	56.2&	37.136	N	28.420	E	10	G			6	TURKEY. <ISK>. MD 3.5 (ISK).
21	21	15	50.3	46.215	N	13.779	E	10	G		1.0	15	AUSTRIA. ML 2.6 (VIE), 2.0 (LJU).
21	21	55	09.3*	31.956	N	131.814	E	52	D	4.1	1.3	12	KYUSHU, JAPAN
21	21	55	10.9&	46.667	N	120.772	W	12				63	WASHINGTON. <SEA-P>. MD 2.6 (SEA).
21	22	04	57.0&	40.370	N	124.480	W	30				10	NEAR COAST OF NORTHERN CALIF. <GM-P>. ML 3.0 (GM), 3.2 (BRK).
21	22	07	15.5&	44.653	N	7.036	E	5				4	NORTHERN ITALY. <GEN>. ML 1.9 (GEN).
21	23	28	26.2&	38.172	N	78.566	W	8				8	VIRGINIA. <BLA-P>. MD 2.6 (BLA). mbLg 2.5 (GS). Felt in Albemarle County and at Charlottesville.
21	23	47	35.3*	2.673	S	138.532	E	33	N	3.9	1.2	12	IRIAN JAYA, INDONESIA
22	00	09	28.7*	11.524	N	141.098	E	33	N	3.9	1.1	11	WESTERN CAROLINE ISLANDS
22	00	32	07.7&	31.873	S	71.688	W	18				9	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.6 (GUC).
22	00	57	33.0*	3.256	N	74.369	W	69	*	4.0	1.2	15	COLOMBIA
22	01	21	44.4&	55.135	N	160.877	W	57				12	ALASKA PENINSULA. <AEIC>. ML 2.7 (AEIC).
22	01	27	22.7?	4.96	S	139.25	E	94	*	3.4	0.9	9	IRIAN JAYA, INDONESIA
22	01	36	16.6*	11.561	N	85.878	W	154	D	4.3	1.4	23	NICARAGUA
22	01	40	38.5&	46.600	N	0.200	W	5				7	FRANCE. <LDG>. ML 2.0 (LDG).
22	01	40	55.4	34.933	N	139.467	E	33	N	3.7	0.9	15	NEAR S. COAST OF HONSHU, JAPAN
22	01	55	53.6&	18.000	N	65.580	W	4				4	PUERTO RICO REGION. <MPR>. MD 2.8 (MPR).
22	02	12	53.1*	39.440	S	178.167	E	33	N	4.2	1.3	18	OFF E. COAST OF N. ISLAND, N.Z. ML 4.6 (WEL).
22	03	05	05.4*	55.403	S	135.465	W	10	G	4.6	0.8	14	PACIFIC-ANTARCTIC RIDGE
22	04	02	16.2	42.762	N	13.038	E	10	G		0.8	23	CENTRAL ITALY. ML 3.2 (VIE), 3.1 (LDG).
22	04	10	19.3&	39.176	N	28.843	E	5				4	TURKEY. <ISK>. MD 2.7 (ISK).
22	04	24	46.5&	18.000	N	67.150	W	14				5	MONA PASSAGE. <MPR>. MD 2.2 (MPR).
22	05	05	30.7&	32.900	S	69.613	W	148				13	MENDOZA PROVINCE, ARGENTINA. <GUC>. MD 2.7 (GUC).
22	05	08	46.5*	38.686	N	9.536	W	10	G		1.4	21	PORTUGAL. mbLg 2.5 (MDD).
22	05	25	22.6	5.567	S	149.736	E	172		4.7	0.6	14	NEW BRITAIN REGION, P.N.G.
22	05	34	20.9*	5.807	N	127.064	E	250	G	3.8	1.2	11	PHILIPPINE ISLANDS REGION
22	06	02	48.9*	46.221	N	13.626	E	10	G		1.4	7	AUSTRIA. ML 2.6 (VIE).
22	06	40	47.9&	34.000	S	70.350	W	102				11	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.8 (GUC).
22	06	56	29.3	46.200	N	13.730	E	10	G		1.1	46	AUSTRIA. ML 3.7 (VIE), 3.4 (LDG), 3.2 (CLL). Felt (IV) in the Bovec area, Slovenia.
22	07	17	54.5&	35.296	S	71.020	W	103				9	CENTRAL CHILE. <GUC>.
22	07	59	30.6&	32.509	S	70.306	W	106				15	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.3 (GUC).
22	08	32	22.3	0.021	S	123.721	E	128	*	5.1	1.1	85	MINAHASSA PENINSULA, SULAWESI
22	08	43	18.1&	39.627	N	29.443	E	10	G			5	TURKEY. <ISK>. MD 2.6 (ISK).
22	08	49	58.1*	34.849	N	139.187	E	33	N	3.6	1.2	13	NEAR S. COAST OF HONSHU, JAPAN
22	09	14	33.0*	15.882	N	60.375	W	76	*	4.0	0.5	12	LEEWARD ISLANDS
22	09	40	42.5&	60.234	N	152.590	W	98		3.2		112	SOUTHERN ALASKA. <AEIC>.
22	09	42	15.1&	40.761	N	29.269	E	7				5	TURKEY. <ISK>. MD 2.6 (ISK).
22	09	43	38.9&	37.160	N	4.240	W	0	G			7	SPAIN. <MDD>. mbLg 2.0 (MDD).
22	10	52	06.9	36.363	N	136.999	E	268		4.4	1.0	50	NEAR WEST COAST OF HONSHU, JAPAN
22	11	28	52.3*	35.130	N	136.534	E	52	*		0.9	10	WESTERN HONSHU, JAPAN
22	11	32	50.4	35.153	N	136.420	E	33	N	5.3 4.7	0.9	237	WESTERN HONSHU, JAPAN. Mw 5.2 (HRV). Felt (IV JMA) in southern Gifu; (III JMA) in Fukui, Shiga, western Aichi, northern Hyogo, northern Mie and central Nagano; (II JMA) in Kyoto, Osaka, southern Hyogo, southern Ishikawa, southern Mie, southern Nagano, northern Nara, southern Okayama, eastern Shimane, southwestern Shizuoka, eastern Tottori and parts of Toyama; (I JMA) in northern Gifu, northern Ishikawa and parts of Yamanashi Prefectures. Centroid, Moment Tensor (HRV): Centroid origin time 11:32:55.4; Lat 35.25 N; Lon 136.44 E; Dep 46.8; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=7.34, Plg=87, Azm=147; (N) Val=0.84, Plg=2, Azm=3; (P) Val=-8.18, Plg=2, Azm=273; Best double couple: Mo=7.8*10**16 Nm; NP1: Strike=1, Dip=43, Slip=87; NP2: Strike=185, Dip=47, Slip=93.
22	11	48	58.7	0.281	S	120.092	E	33	N	4.6	0.9	25	MINAHASSA PENINSULA, SULAWESI
22	12	09	29.8&	36.520	N	2.880	W	0	G			6	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.4 (MDD).
22	12	19	07.2&	59.783	N	153.575	W	125				66	SOUTHERN ALASKA. <AEIC>.
22	12	38	24.3&	32.774	S	70.387	W	105				13	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.8 (GUC).
22	12	38	44.2?	34.58	S	102.24	W	10	G	4.3	1.3	11	WEST CHILE RISE
22	12	48	19.9&	44.610	N	7.230	E	3				27	NORTHERN ITALY. <STR>. ML 2.8 (GEN), 2.6 (LDG), 2.3 (STR).
22	12	53	58.7*	35.965	S	103.082	W	10	G	4.7	1.2	29	SOUTHERN PACIFIC OCEAN
22	12	56	58.5&	38.510	N	22.511	E	0	G			14	GREECE. <THE>.
22	13	04	34.6&	39.599	N	29.702	E	10	G			4	TURKEY. <ISK>. MD 2.6 (ISK).
22	13	11	25.2&	60.449	N	145.086	W	14		2.9		36	SOUTHERN ALASKA. <AEIC>. ML 3.0 (AEIC).
22	14	20	39.0&	37.860	N	118.160	W	7				55	CALIFORNIA-NEVADA BORDER REGION. <REN>. Mw 3.8 (BRK). MD 3.8 (REN). ML 3.9 (GS), 3.9 (BRK). Moment Tensor (BRK): Dep 5; Principal axes (scale 10**14 Nm): (T) Val=6.16, Plg=18, Azm=293; (N) Val=0.00, Plg=64, Azm=65; (P) Val=-6.16, Plg=18, Azm=197; Best double couple: Mo=6.2*10**14 Nm; NP1: Strike=65, Dip=90, Slip=26; NP2: Strike=335, Dip=64, Slip=180.
22	15	01	08.4*	12.869	N	144.927	E	33	N	3.8	1.3	14	SOUTH OF MARIANA ISLANDS
22	15	13	06.9&	37.240	N	4.170	W	1				17	SPAIN. <MDD>. mbLg 2.4 (MDD).
22	15	42	13.0	43.449	N	147.038	E	43	D	5.4 4.8	0.7	291	KURIL ISLANDS. Mw 5.3 (HRV). Felt (IV) at Yuzhno-Kurilsk, Kunashir and (III) on Shikotan. Also felt (I JMA) in eastern Hokkaido. Centroid, Moment Tensor (HRV): Centroid origin time 15:42:19.0; Lat 43.33 N; Lon 146.71 E; Dep 42.3; Half-duration 1.1 sec; Principal axes (scale 10**17 Nm): (T) Val=0.97, Plg=60, Azm=9; (N) Val=0.08, Plg=30, Azm=191; (P) Val=-1.04, Plg=1, Azm=101; Best double couple: Mo=1.0*10**17 Nm; NP1: Strike=164, Dip=51, Slip=51; NP2: Strike=36, Dip=53, Slip=128.
22	16	35	23.5&	41.022	N	28.422	E	10	G			6	TURKEY. <ISK>. MD 2.7 (ISK).
22	16	47	00.4&	53.507	N	167.087	W	2				7	FOX ISLANDS, ALEUTIAN ISLANDS. <AEIC>. ML 3.1 (AEIC).
22	17	13	56.4*	4.519	S	151.099	E	295	*	4.0	0.7	15	NEW BRITAIN REGION, P.N.G.
22	17	39	22.3&	43.821	N	8.578	E	6				9	CORSICA. <GEN>. ML 2.4 (GEN).
22	17	52	54.3&	59.575	N	153.997	W	139				66	SOUTHERN ALASKA. <AEIC>.

22	18	54	52.2	1.111	S	134.140	E	47	*	4.6		1.2	31	IRIAN JAYA REGION, INDONESIA
22	19	04	29.8*	5.692	N	125.862	E	33	N	3.9		0.8	12	MINDANAO, PHILIPPINE ISLANDS
22	19	13	34.1*	11.891	N	125.518	E	33	N	3.0		0.8	9	SAMAR, PHILIPPINE ISLANDS
22	19	41	31.7	31.894	S	69.205	W	120		4.3		0.8	43	SAN JUAN PROVINCE, ARGENTINA. MD 4.6 (GUC). Felt (II) at Santiago, Chile.
22	20	28	55.9*	34.896	N	139.350	E	33	N	3.5		0.9	9	NEAR S. COAST OF HONSHU, JAPAN
22	21	06	53.7&	44.373	N	7.272	E	11					6	NORTHERN ITALY. <GEN>. ML 1.7 (GEN).
22	21	07	15.7&	44.178	N	6.877	E	23					8	FRANCE. <GEN>. ML 2.0 (GEN).
22	21	08	59.0	37.816	S	73.514	W	24	D	4.7	4.6	1.0	44	NEAR COAST OF CENTRAL CHILE. MD 4.8 (GUC). Felt (IV) at Puerto Saavedra and Valdivia; (III) at Arauco, Canete, Carahue, Concepcion, Lebu, Pitrufquen and Tirua; (II) at Temuco.
22	21	18	31.0*	53.025	N	159.803	E	33	N	3.9		1.0	10	NEAR EAST COAST OF KAMCHATKA
22	21	40	49.9&	37.744	N	27.462	E	10	G				7	TURKEY. <ISK>. MD 3.3 (ISK).
22	22	28	32.0&	37.477	N	118.853	W	3					38	CALIFORNIA-NEVADA BORDER REGION. <BRK>. ML 3.3 (BRK).
22	23	03	25.5%	39.401	S	176.382	E	33	N			0.4	8	NORTH ISLAND, NEW ZEALAND. ML 3.5 (WEL).
22	23	44	19.2	46.201	N	13.723	E	10	G			1.2	12	AUSTRIA. ML 2.5 (VIE), 2.1 (LJU).
23	00	11	47.3?	54.70	N	161.19	E	33	N	4.2		1.3	9	NEAR EAST COAST OF KAMCHATKA
23	00	47	36.5?	5.34	S	150.35	E	180	?	4.2		0.5	8	NEW BRITAIN REGION, P.N.G.
23	01	09	48.9%	41.124	S	174.483	E	33	N			0.2	9	COOK STRAIT, NEW ZEALAND. ML 3.4 (WEL).
23	01	54	49.6	4.216	S	131.831	E	33	N	4.7	4.3	1.2	45	BANDA SEA
23	02	03	27.7*	35.106	N	140.109	E	33	N			0.9	8	NEAR EAST COAST OF HONSHU, JAPAN
23	02	07	52.7&	14.876	N	60.424	W	36					6	WINDWARD ISLANDS. <FDF>. MG 2.8 (FDF).
23	02	16	10.7	37.914	N	20.284	E	33	N	4.5		1.2	60	IONIAN SEA. ML 4.2 (PDG).
23	02	22	03.0&	49.380	N	6.880	E	1	G				9	GERMANY. <FBB>. ML 1.9 (FBB).
23	02	27	17.7*	46.918	N	116.995	W	5	G			1.4	8	WESTERN IDAHO. MD 2.8 (SEA).
23	02	31	02.0	43.730	N	17.288	E	5	G			1.2	44	NORTHWESTERN BALKAN REGION. ML 3.6 (VIE), 3.3 (PDG).
23	02	54	42.7&	40.115	N	28.299	E	9					5	TURKEY. <ISK>. MD 2.8 (ISK).
23	03	00	30.7	51.591	N	16.142	E	5	G			0.8	29	POLAND. ML 4.0 (GRF), 3.6 (VIE), 3.5 (WAR).
23	03	02	44.8&	18.560	N	68.460	W	142					10	MONA PASSAGE. <MPR>. MD 3.8 (MPR).
23	03	11	16.5*	35.357	N	77.902	E	100	G	3.4		0.7	11	EASTERN KASHMIR
23	03	36	55.9	79.568	N	3.654	E	10	G	4.7	4.7	0.9	83	GREENLAND SEA. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 03:37:01.8; Lat 79.46 N; Lon 2.59 E; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=7.98, Plg=5, Azm=108; (N) Val=0.38, Plg=18, Azm=16; (P) Val=-8.36, Plg=71, Azm=213; Best double couple: Mo=8.2*10**16 Nm; NP1: Strike=217, Dip=43, Slip=-63; NP2: Strike=1, Dip=53, Slip=-113.
23	04	58	35.7	4.471	S	129.120	E	33	N	4.7		1.0	26	BANDA SEA
23	05	04	12.9	12.786	S	169.545	E	650	G	4.5		0.9	105	SANTA CRUZ ISLANDS REGION
23	05	09	39.7?	18.30	S	168.12	E	33	N	3.9		1.3	11	VANUATU ISLANDS
23	05	43	35.1&	16.033	N	98.405	W	1					23	NEAR COAST OF GUERRERO, MEXICO. <UNM>. MD 4.3 (UNM).
23	05	50	03.4&	37.837	N	27.568	E	9					5	TURKEY. <ISK>. MD 3.1 (ISK).
23	05	54	03.7*	1.625	S	99.388	E	33	N			0.7	9	SOUTHERN SUMATERA, INDONESIA
23	06	00	00.1*	38.118	N	22.478	E	33	N	3.8		0.7	16	GREECE
23	06	03	43.2&	42.336	N	19.462	E	18					4	NORTHWESTERN BALKAN REGION. <PDG>. ML 1.4 (PDG).
23	06	14	52.7&	33.016	S	70.326	W	110					11	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.6 (GUC).
23	06	16	50.3?	12.62	S	169.60	E	650	G	4.2		0.4	9	SANTA CRUZ ISLANDS REGION
23	06	37	08.5*	45.695	N	26.585	E	102	*			0.8	18	ROMANIA
23	06	48	00.8&	33.067	S	70.645	W	87					14	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.4 (GUC).
23	06	59	59.1	43.142	N	12.681	E	10	G			1.2	23	CENTRAL ITALY. ML 3.2 (LDG).
23	07	04	41.9?	51.65	N	178.60	E	57	?	3.4		0.9	6	RAT ISLANDS, ALEUTIAN ISLANDS
23	07	17	32.0?	4.06	N	126.94	E	33	N	4.4		0.8	9	TALAUD ISLANDS, INDONESIA
23	08	14	34.6?	20.74	N	146.62	E	100	G	3.5		1.0	7	MARIANA ISLANDS REGION
23	08	53	12.6	17.690	S	173.299	W	33	N	5.2	4.9	1.0	120	TONGA ISLANDS. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 08:53:18.4; Lat 17.87 S; Lon 172.82 W; Dep 16.0 Bdy; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=1.29, Plg=66, Azm=307; (N) Val=0.12, Plg=1, Azm=215; (P) Val=-1.41, Plg=24, Azm=125; Best double couple: Mo=1.3*10**17 Nm; NP1: Strike=213, Dip=21, Slip=88; NP2: Strike=35, Dip=69, Slip=91.
23	09	12	59.6&	61.449	N	147.779	W	34					68	SOUTHERN ALASKA. <AEIC>. ML 2.7 (AEIC), 2.8 (PMR).
23	09	21	38.4&	34.070	S	70.164	W	8					11	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 4.0 (GUC).
23	09	34	40.5*	5.445	S	130.143	E	33	N	4.1		0.9	8	BANDA SEA
23	09	49	55.6&	44.476	N	7.269	E	13					9	NORTHERN ITALY. <GEN>. ML 2.2 (GEN).
23	11	03	45.5	28.679	N	139.197	E	466	*	4.5		1.1	82	BONIN ISLANDS REGION
23	11	39	34.0&	37.210	N	4.180	W	1					10	SPAIN. <MDD>. mbLg 1.9 (MDD).
23	11	59	24.3*	5.374	S	151.706	E	33	N	4.3		1.2	16	NEW BRITAIN REGION, P.N.G.
23	12	03	31.6	38.341	N	20.335	E	5	G	4.2		1.0	65	GREECE. ML 4.2 (PDG), 4.0 (THE).
23	12	11	18.7&	19.060	N	65.160	W	70					6	PUERTO RICO REGION. <MPR>. MD 3.6 (MPR).
23	12	39	59.3?	38.55	S	175.69	E	200	G			0.2	10	NORTH ISLAND, NEW ZEALAND
23	12	58	11.4&	33.319	S	70.195	W	117					14	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.9 (GUC).
23	13	20	58.9*	49.923	N	153.449	E	250	G	4.3		0.9	27	KURIL ISLANDS
23	14	12	49.5*	36.473	N	71.185	E	214	*	3.4		0.9	9	AFGHANISTAN-TAJIKISTAN BORD REG.
23	14	19	51.2&	30.724	S	71.698	W	115					13	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.4 (GUC).
23	15	34	30.8%	39.318	S	175.309	E	5	G			0.4	10	NORTH ISLAND, NEW ZEALAND. ML 3.8 (WEL).
23	15	34	52.6*	33.742	N	90.539	E	33	N	3.8		1.0	8	QINGHAI, CHINA
23	15	43	36.1*	23.769	S	179.954	W	550	G	4.3		0.9	23	SOUTH OF FIJI ISLANDS
23	16	11	08.5	43.128	N	12.733	E	10	G			1.0	45	CENTRAL ITALY. ML 3.6 (VIE), 3.4 (LDG).
23	16	20	54.5	4.315	S	141.159	E	33	N	4.4		0.3	8	NEW GUINEA, PAPUA NEW GUINEA
23	16	23	20.6*	54.239	N	160.832	E	33	N	4.2		1.3	17	NEAR EAST COAST OF KAMCHATKA
23	16	30	50.9&	59.331	N	153.030	W	103					58	SOUTHERN ALASKA. <AEIC>.
23	17	54	35.7&	32.797	S	71.536	W	18					9	NEAR COAST OF CENTRAL CHILE. <GUC>.
23	18	26	05.5&	37.220	N	4.180	W	5					16	SPAIN. <MDD>. mbLg 2.1 (MDD).
23	18	28	29.2*	3.413	S	149.598	E	10	G	4.0		1.0	12	BISMARCK SEA
23	18	31	52.7?	24.43	S	179.85	E	550	G	3.7		1.1	12	SOUTH OF FIJI ISLANDS
23	18	46	32.7*	28.446	S	63.173	W	596	*	4.2		0.9	14	SANTIAGO DEL ESTERO PROV., ARG.
23	19	07	36.1*	42.980	N	143.946	E	111	*	3.7		0.4	11	HOKKAIDO, JAPAN REGION
23	19	48	11.4&	37.220	N	4.220	W	5					15	SPAIN. <MDD>. mbLg 2.3 (MDD).
23	20	08	23.5%	39.119	N	27.433	E	10	G			0.6	5	TURKEY
23	20	29	34.5&	9.568	N	78.279	W	26					7	PANAMA. <UPA>. MD 3.6 (UPA).

23	20	36	32.1*	48.853	N	156.141	E	33	N	4.5	1.3	19	EAST OF KURIL ISLANDS
23	20	39	51.5&	32.554	S	71.684	W	23				11	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.5 (GUC).
23	20	41	28.0&	33.229	S	70.153	W	12				12	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 4.0 (GUC).
23	20	45	53.7*	34.843	N	139.370	E	33	N	3.6	0.8	10	NEAR S. COAST OF HONSHU, JAPAN
23	21	03	46.2	36.361	N	71.252	E	127	*	4.8	0.8	103	AFGHANISTAN-TAJIKISTAN BORD REG.
23	21	19	17.8&	32.760	S	71.685	W	31				13	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.6 (GUC).
23	21	37	57.9*	25.064	N	94.777	E	33	N	3.7	1.3	13	MYANMAR-INDIA BORDER REGION
23	21	47	45.9	14.905	S	166.981	E	33	N	5.2 5.5	1.2	163	VANUATU ISLANDS. Mw 5.7 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 21:47:52.7; Lat 14.91 S; Lon 166.70 E; Dep 41.4; Half-duration 1.7 sec; Principal axes (scale 10**17 Nm): (T) Val=4.76, Plg=82, Azm=343; (N) Val=-0.15, Plg=8, Azm=172; (P) Val=-4.61, Plg=1, Azm=82; Best double couple: Mo=4.7*10**17 Nm; NP1: Strike=164, Dip=44, Slip=78; NP2: Strike=0, Dip=47, Slip=101.
23	22	08	42.5&	55.943	N	160.330	W	152				10	ALASKA PENINSULA. <AEIC>.
23	22	14	50.2&	34.958	N	116.668	W	6	G			25	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS).
23	22	38	55.3&	43.200	N	5.100	E	3				8	NEAR SOUTH COAST OF FRANCE. <LDG>. ML 2.1 (LDG).
23	22	55	14.6?	17.65	N	119.69	E	10	G	3.7	1.2	7	PHILIPPINE ISLANDS REGION
23	23	14	06.1&	62.056	N	149.818	W	43				8	CENTRAL ALASKA. <AEIC>. ML 2.3 (AEIC), 2.8 (PMR).
23	23	23	42.2	46.244	N	13.764	E	10	G		1.1	14	AUSTRIA. ML 2.5 (VIE), 2.0 (LJU).
23	23	49	55.2*	2.475	S	138.323	E	33	N	3.5	1.2	10	IRIAN JAYA, INDONESIA
24	00	30	41.9&	31.956	S	71.500	W	25				9	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.5 (GUC).
24	01	43	15.4&	38.783	N	122.775	W	2				7	NORTHERN CALIFORNIA. <GM-P>. MD 2.9 (GM).
24	01	50	31.6*	11.757	N	44.077	E	10	G	4.6	1.3	29	WESTERN GULF OF ADEN
24	01	58	25.3&	55.910	N	160.770	W	144				12	ALASKA PENINSULA. <AEIC>.
24	02	28	33.7	46.433	N	15.204	E	10	G		0.5	6	NORTHWESTERN BALKAN REGION. ML 2.0 (VIE).
24	02	40	28.6	45.943	N	143.223	E	332		4.3	0.9	64	HOKKAIDO, JAPAN REGION
24	03	40	27.7	34.776	N	23.709	E	33	N	3.6	1.1	16	CRETE
24	03	48	50.1*	28.732	S	71.415	W	10	G		1.1	19	NEAR COAST OF CENTRAL CHILE. MD 4.5 (GUC). Felt (III) at Alto del Carmen, Huasco, La Higuera and Vallenar; (II) at Freirina.
24	04	12	40.8&	42.809	N	17.855	E	6				8	ADRIATIC SEA. <PDG>. ML 2.1 (PDG).
24	04	28	31.4	23.941	S	66.666	W	185	*	4.6	0.9	26	JUJUY PROVINCE, ARGENTINA
24	05	05	13.7	38.667	N	70.254	E	33	N	4.7	1.0	65	AFGHANISTAN-TAJIKISTAN BORD REG.
24	05	05	49.0&	41.850	N	112.330	W	8				43	UTAH. <SLC-P>. ML 3.3 (SLC), 3.5 (GS).
24	05	23	33.3&	37.888	N	30.557	E	10	G			6	TURKEY. <ISK>. MD 3.3 (ISK).
24	05	23	36.3?	19.18	S	172.85	W	33	N	4.0	0.8	8	TONGA ISLANDS REGION
24	05	27	03.4&	33.868	S	69.405	W	6				16	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 4.2 (GUC).
24	05	34	41.8*	14.966	N	119.109	E	34	D	4.4	1.0	26	LUZON, PHILIPPINE ISLANDS
24	06	29	17.1*	20.997	S	178.736	W	550	G	4.0	0.8	17	FIJI ISLANDS REGION
24	06	31	10.2&	18.530	N	65.020	W	80				5	PUERTO RICO REGION. <MPR>. MD 3.1 (MPR).
24	06	41	21.0	17.922	S	69.195	W	147		4.5	0.9	26	PERU-BOLIVIA BORDER REGION
24	07	13	10.7	2.530	N	128.276	E	188	D	5.2	1.1	85	HALMAHERA, INDONESIA
24	07	22	45.6&	42.780	N	7.230	W	9				6	SPAIN. <MDD>. mbLg 2.5 (MDD).
24	07	58	17.6&	59.810	N	153.574	W	121				52	SOUTHERN ALASKA. <AEIC>.
24	09	06	40.8?	20.16	N	145.03	E	224	?		0.9	8	MARIANA ISLANDS
24	09	38	36.3?	28.01	N	140.41	E	409	*	3.3	0.5	10	BONIN ISLANDS REGION
24	09	39	06.3*	42.426	N	126.658	W	10	G	3.5	0.6	15	OFF COAST OF OREGON
24	10	37	17.4&	39.605	N	29.540	E	10	G			4	TURKEY. <ISK>. MD 2.6 (ISK).
24	11	01	54.3&	18.000	N	65.530	W	0				5	PUERTO RICO REGION. <MPR>. MD 2.7 (MPR).
24	11	19	37.4	59.814	S	26.578	W	33	N	4.7	0.9	31	SOUTH SANDWICH ISLANDS REGION
24	11	27	31.8*	15.075	N	60.519	W	95		4.0	0.4	17	LEEWARD ISLANDS
24	11	33	06.2&	63.525	N	151.134	W	11				48	CENTRAL ALASKA. <AEIC>. ML 2.9 (AEIC), 3.1 (PMR).
24	12	04	04.5&	56.211	N	158.128	W	63				75	ALASKA PENINSULA. <AEIC>. ML 3.5 (AEIC).
24	13	33	18.5?	39.07	S	173.53	E	5	G		0.7	9	OFF W. COAST OF N. ISLAND, N.Z. ML 3.7 (WEL).
24	13	36	04.4	2.715	N	128.729	E	250	G	4.3	0.6	19	HALMAHERA, INDONESIA
24	13	37	37.0&	61.898	N	154.607	W	8				39	SOUTHERN ALASKA. <AEIC>. ML 2.7 (AEIC), 3.0 (PMR).
24	14	28	22.3*	38.700	N	15.405	E	252	*	3.8	0.9	21	SICILY
24	14	47	00.8?	51.41	N	179.19	E	33	N	3.7	1.2	7	RAT ISLANDS, ALEUTIAN ISLANDS
24	14	53	22.6	46.742	N	10.264	E	10	G		0.2	8	NORTHERN ITALY. ML 2.2 (VIE).
24	14	55	23.8&	53.931	N	164.411	W	33				13	UNIMAK ISLAND REGION. <AEIC>. ML 3.4 (AEIC).
24	15	05	21.6	6.447	S	130.682	E	55	*	4.4	0.8	32	BANDA SEA
24	15	15	16.4*	38.303	N	12.464	E	10	G	3.4	1.1	15	SICILY. ML 3.4 (LDG).
24	16	05	31.7&	42.790	N	7.230	W	0	G			24	SPAIN. <MDD>. mbLg 3.2 (MDD). ML 3.1 (LDG). Felt (III) at Becerrea and Sarria.
24	16	06	10.6	17.860	S	178.712	W	600	G	4.5	1.0	44	FIJI ISLANDS REGION
24	16	16	57.7&	38.250	N	1.270	W	2				20	SPAIN. <MDD>. mbLg 3.0 (MDD).
24	16	17	27.0&	38.470	N	118.410	W	7		4.2		65	CALIFORNIA-NEVADA BORDER REGION. <REN-P>. MD 4.4 (REN). ML 4.5 (BRK), 4.3 (GS). Felt at Carson City, Fallon, Hawthorne, Mina and Reno, Nevada.
24	16	24	20.7?	21.50	S	68.55	W	150	G	3.9	1.3	11	CHILE-BOLIVIA BORDER REGION
24	16	35	48.4&	38.190	N	1.040	W	23				7	SPAIN. <MDD>. mbLg 2.2 (MDD).
24	16	53	53.7*	7.495	S	156.842	E	400	G	3.8	1.3	11	SOLOMON ISLANDS
24	16	55	41.0	51.629	N	176.963	W	40	D	4.6	1.0	83	ANDREANOF ISLANDS, ALEUTIAN IS. Felt on Adak.
24	17	03	34.2&	34.263	N	117.644	W	11				4	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
24	17	22	35.3	6.436	N	123.865	E	554	*	4.4	0.9	30	MINDANAC, PHILIPPINE ISLANDS
24	17	25	33.0&	38.470	N	118.420	W	12				12	CALIFORNIA-NEVADA BORDER REGION. <REN-P>. ML 3.3 (GS).
24	18	02	15.5&	38.250	N	1.260	W	2				7	SPAIN. <MDD>. mbLg 2.2 (MDD).
24	18	30	00.3&	38.250	N	1.250	W	4				24	SPAIN. <MDD>. mbLg 3.0 (MDD).
24	19	42	27.0	17.684	S	173.336	W	33	N	4.8 5.0	1.1	89	TONGA ISLANDS. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 19:42:31.2; Lat 17.95 S; Lon 172.68 W; Dep 15.0 Fix; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=1.52, Plg=75, Azm=289; (N) Val=0.25, Plg=4, Azm=183; (P) Val=-1.77, Plg=15, Azm=92; Best double couple: Mo=1.6*10**17 Nm; NP1: Strike=176, Dip=30, Slip=81; NP2: Strike=6, Dip=60, Slip=95.
24	20	00	08.6	44.992	N	14.776	E	10	G		0.8	11	ADRIATIC SEA. ML 2.5 (ZAG).
24	20	10	59.7	15.531	N	147.116	E	33	N	4.6	1.0	40	MARIANA ISLANDS REGION
24	20	55	29.6?	5.53	S	152.74	E	33	N	3.6	0.8	6	NEW BRITAIN REGION, P.N.G.
24	21	03	28.6&	45.700	N	2.100	E	2				4	FRANCE. <LDG>. ML 1.7 (LDG).
24	21	17	20.8*	11.701	N	43.966	E	10	G		0.8	10	ETHIOPIA. ML 3.7 (ARO).

24	21	56	46.9&	49.360	N	6.910	E	1	G			9	GERMANY. <STR>. ML 1.7 (STR).
24	23	20	29.3&	15.000	N	60.449	W	29				4	LEEWARD ISLANDS. <FDF>. MG 2.6 (FDF).
24	23	30	02.4&	18.030	N	67.930	W	108				6	MONA PASSAGE. <MPR>. MD 3.1 (MPR).
25	01	29	30.0&	29.608	N	34.246	E	10				12	EGYPT. <GII>. ML 4.1 (GII).
25	01	43	49.0&	34.351	S	70.208	W	11				8	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.1 (GUC).
25	01	45	46.8&	63.031	N	150.344	W	96		2.5		23	CENTRAL ALASKA. <AEIC>.
25	01	52	30.1*	11.017	S	122.220	E	33	N	3.5	1.3	7	SOUTH OF TIMOR, INDONESIA
25	01	55	29.6&	37.862	N	36.347	E	9				4	TURKEY. <ISK>. MD 3.6 (ISK).
25	03	10	09.1&	39.386	N	27.739	E	10	G			4	TURKEY. <ISK>. MD 2.7 (ISK).
25	03	12	20.1	45.972	N	15.596	E	10	G		0.7	6	NORTHWESTERN BALKAN REGION. ML 1.6 (LJU), 1.1 (ZAG).
25	04	17	20.4&	47.740	N	7.790	E	8				63	SWITZERLAND. <STR>. ML 3.0 (LDG), 3.0 (FBB), 2.8 (STR).
25	04	35	05.1	43.121	N	146.773	E	33	N	4.7	0.9	70	KURIL ISLANDS
25	05	17	38.5	4.257	N	124.647	E	326		5.2	0.9	154	CELEBES SEA. Mw 5.3 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 05:17:43.0; Lat 4.51 N; Lon 124.75 E; Dep 311.4; Half-duration 1.0 sec; Principal axes (scale 10**17 Nm): (T) Val=1.00, Plg=9, Azm=90; (N) Val=0.18, Plg=32, Azm=185; (P) Val=-1.17, Plg=57, Azm=347; Best double couple: Mo=1.1*10**17 Nm; NP1: Strike=148, Dip=46, Slip=-137; NP2: Strike=25, Dip=61, Slip=-53.
25	05	21	11.6&	33.746	S	70.416	W	99				11	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.6 (GUC).
25	05	22	38.1&	19.000	N	67.490	W	25				10	MONA PASSAGE. <MPR>. MD 3.3 (MPR).
25	05	34	29.5?	6.47	S	30.08	E	10	G	4.2	0.4	7	LAKE TANGANYIKA REGION
25	05	56	48.0?	38.39	S	176.04	E	200	G		0.2	7	NORTH ISLAND, NEW ZEALAND
25	06	07	23.4*	35.266	S	17.326	W	10	G	5.5 5.5	1.1	20	SOUTHERN MID-ATLANTIC RIDGE. Mw 6.3 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 06:07:37.3; Lat 35.46 S; Lon 16.93 W; Dep 15.0 Fix; Half-duration 2.9 sec; Principal axes (scale 10**18 Nm): (T) Val=3.19, Plg=2, Azm=121; (N) Val=0.17, Plg=78, Azm=21; (P) Val=-3.35, Plg=11, Azm=212; Best double couple: Mo=3.3*10**18 Nm; NP1: Strike=256, Dip=80, Slip=-7; NP2: Strike=347, Dip=83, Slip=-170.
25	06	58	22.1&	45.900	N	2.900	E	3				13	FRANCE. <LDG>. ML 2.2 (LDG), 2.1 (STR).
25	07	07	02.8&	32.987	N	117.760	W	6	G			3	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.0 (PAS). MD 3.2 (ECX).
25	07	17	58.7&	43.287	N	14.101	E	10	G			5	ADRIATIC SEA. <ROM>. ML 3.0 (ROM).
25	08	50	54.9?	0.21	N	16.73	W	10	G	4.1	1.4	14	NORTH OF ASCENSION ISLAND
25	09	17	18.0&	63.011	N	150.780	W	119		3.5		38	CENTRAL ALASKA. <AEIC>.
25	09	25	25.7*	6.485	S	146.503	E	115	*	3.7	1.2	11	EASTERN NEW GUINEA REG., P.N.G.
25	09	34	11.1*	34.757	N	138.852	E	33	N	3.6	1.2	15	NEAR S. COAST OF HONSHU, JAPAN. Felt (II JMA) in western Kanagawa and (I JMA) in southern Chiba, eastern Kanagawa and eastern Shizuoka Prefectures.
25	10	37	18.4*	1.488	N	122.002	E	500	G	4.3	0.9	20	MINAHASSA PENINSULA, SULAWESI
25	10	39	41.8&	39.610	N	29.500	E	8				4	TURKEY. <ISK>. MD 2.6 (ISK).
25	11	00	48.2*	45.033	N	137.238	E	307	?	3.9	1.3	22	NEAR SOUTHEAST COAST OF RUSSIA
25	11	03	29.0&	61.358	N	150.911	W	58				20	SOUTHERN ALASKA. <AEIC>. ML 2.7 (AEIC).
25	11	13	00.2&	45.960	N	2.840	E	2				9	FRANCE. <STR>. ML 1.9 (LDG), 1.4 (STR).
25	11	19	36.6	17.675	N	94.186	W	59	D	4.9	1.0	221	CHIAPAS, MEXICO. Mw 5.2 (HRV). MD 5.0 (UNM). Centroid, Moment Tensor (HRV): Centroid origin time 11:19:42.1; Lat 17.77 N; Lon 94.17 W; Dep 75.3; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=6.72, Plg=62, Azm=219; (N) Val=0.95, Plg=27, Azm=29; (P) Val=-7.66, Plg=4, Azm=121; Best double couple: Mo=7.2*10**16 Nm; NP1: Strike=237, Dip=48, Slip=128; NP2: Strike=8, Dip=55, Slip=56.
25	11	25	22.2*	30.970	N	131.099	E	33	N		1.0	7	KYUSHU, JAPAN
25	11	33	00.3	39.020	N	27.695	E	5	G		0.6	9	TURKEY. MD 2.9 (ISK).
25	11	35	27.9?	39.59	N	73.53	E	33	N		1.1	9	TAJIKISTAN-XINJIANG BORDER REG.
25	11	58	00.8*	5.621	S	152.469	E	33	N	3.7	1.4	9	NEW BRITAIN REGION, P.N.G.
25	13	44	08.7&	34.363	S	70.214	W	11				14	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 4.0 (GUC).
25	14	05	12.1	2.311	S	139.147	E	33	N	3.9	1.0	13	NEAR NORTH COAST OF IRIAN JAYA
25	14	06	10.8*	2.659	S	138.257	E	33	N	4.5	0.9	11	IRIAN JAYA, INDONESIA
25	14	25	51.3	0.545	S	126.685	E	61	D	4.4	1.2	20	SOUTHERN MOLUCCA SEA
25	14	35	10.7&	61.741	N	151.885	W	103				23	SOUTHERN ALASKA. <AEIC>.
25	15	00	29.8&	59.919	N	141.134	W	5				17	SOUTHEASTERN ALASKA. <AEIC>. ML 2.5 (AEIC).
25	15	33	30.2	7.703	N	126.731	E	69	*	4.9	1.2	66	MINDANAO, PHILIPPINE ISLANDS
25	15	37	00.3&	39.272	N	26.212	E	10	G			8	TURKEY. <ISK>. MD 3.3 (ISK).
25	15	43	13.9	18.937	S	174.086	W	33	N	4.8 4.5	0.8	80	TONGA ISLANDS
25	15	47	38.4	45.732	N	15.709	E	10	G		0.3	6	NORTHWESTERN BALKAN REGION. ML 1.7 (LJU).
25	16	08	17.1*	38.522	N	142.734	E	58	?		1.0	10	NEAR EAST COAST OF HONSHU, JAPAN
25	16	08	51.7&	32.886	S	70.389	W	95				15	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.9 (GUC).
25	16	29	21.9&	44.534	N	6.825	E	5				24	FRANCE. <GEN>. ML 2.3 (GEN), 2.0 (LDG).
25	16	39	38.4	42.190	N	25.229	E	10	G		1.0	8	BULGARIA
25	16	52	21.9&	33.708	N	118.746	W	6	G			24	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
25	17	36	00.5*	0.109	N	16.607	W	10	G	4.6	1.2	30	NORTH OF ASCENSION ISLAND
25	18	52	02.4*	38.623	N	139.434	E	100	G	4.0	1.5	11	NEAR WEST COAST OF HONSHU, JAPAN
25	20	12	44.2&	47.760	N	7.800	E	6				6	SWITZERLAND. <STR>. ML 1.1 (STR).
25	20	13	57.5&	32.904	S	70.378	W	96				12	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.3 (GUC).
25	20	26	13.7	6.458	S	130.219	E	106		4.8	1.0	55	BANDA SEA
25	21	07	39.4&	18.583	N	101.102	W	17				17	GUERRERO, MEXICO. <UNM>. MD 3.9 (UNM).
25	22	37	38.3	34.918	N	139.084	E	33	N	4.8 4.5	1.3	59	NEAR S. COAST OF HONSHU, JAPAN. Felt (IV JMA) at Atami and Ito. Also felt in the Tokyo area.
25	22	43	58.0&	34.352	S	70.207	W	11				8	CHILE-ARGENTINA BORDER REGION. <GUC>.
25	22	50	58.3	28.945	N	95.343	E	33	N	4.2	1.0	21	EASTERN XIZANG-INDIA BORDER REG.
25	22	51	48.5	38.453	N	12.643	E	10	G		1.4	24	SICILY. ML 3.1 (LDG).
25	23	36	13.7&	19.110	N	66.450	W	36		3.4		11	PUERTO RICO REGION. <MPR>. MD 4.0 (MPR).
25	23	42	25.2&	19.110	N	66.430	W	37				10	PUERTO RICO REGION. <MPR>. MD 3.8 (MPR).
26	00	05	00.7&	60.422	N	151.438	W	55				35	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.5 (AEIC).
26	00	10	00.0&	46.100	N	6.600	E	2				18	SWITZERLAND. <LDG>. ML 2.0 (LDG).
26	00	30	58.8&	37.220	N	4.200	W	0	G			12	SPAIN. <MDD>. mbLg 1.9 (MDD).
26	00	38	24.6?	18.10	S	178.42	W	600	G	4.0	1.1	9	FIJI ISLANDS REGION
26	00	50	23.2*	25.986	S	27.987	E	5	G	4.5	1.2	13	REPUBLIC OF SOUTH AFRICA
26	00	51	10.6&	37.200	N	4.200	W	0	G			11	SPAIN. <MDD>. mbLg 1.5 (MDD).

26	01	20	12.0	31.321	S	179.490	W	174	D	5.1	0.9	190	KERMADEC ISLANDS REGION. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 01:20:16.7; Lat 31.44 S; Lon 179.49 W; Dep 177.6; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=1.40, Plg=32, Azm=117; (N) Val=0.05, Plg=0, Azm=27; (P) Val=-1.45, Plg=58, Azm=296; Best double couple: Mo=1.4*10**17 Nm; NP1: Strike=208, Dip=13, Slip=-88; NP2: Strike=27, Dip=77, Slip=-90.
26	01	32	39.1&	34.075	N	118.107	W	7				39	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.8 (PAS). Felt (IV) at Altadena, Arcadia, Hawthorne, Los Alamitos, Los Angeles, Lynwood, North Gardena, Rosemead, Sun Valley and Verdugo City; (III) at Covina, Downey, La Palma and Lakewood. Also felt at Alhambra, Baldwin Park, Burbank, La Habra, Monrovia and Pasadena.
26	01	43	10.1*	36.432	N	70.302	E	300	G	3.6	0.8	10	HINDU KUSH REGION, AFGHANISTAN
26	02	07	59.0&	34.356	S	70.222	W	12				14	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 4.6 (GUC).
26	02	53	06.8&	37.230	N	4.170	W	0	G			10	SPAIN. <MDD>. mbLg 1.9 (MDD).
26	02	56	02.5&	34.080	N	118.107	W	8				3	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS).
26	03	21	45.4	34.510	N	140.062	E	104	D	4.9	0.8	157	NEAR EAST COAST OF HONSHU, JAPAN. Felt in the Tokyo area.
26	03	49	02.7&	37.051	N	27.959	E	10	G			4	TURKEY. <ISK>. MD 3.0 (ISK).
26	04	38	16.6&	40.112	N	28.922	E	5				4	TURKEY. <ISK>. MD 2.6 (ISK).
26	04	40	42.8	30.748	N	141.838	E	33	N	4.7	0.9	43	SOUTH OF HONSHU, JAPAN
26	05	38	06.5	40.837	N	15.644	E	10	G		1.5	28	SOUTHERN ITALY. ML 3.6 (PDG).
26	06	03	47.7	34.872	N	139.122	E	33	N	4.4	1.2	44	NEAR S. COAST OF HONSHU, JAPAN
26	06	05	08.9*	80.912	N	3.415	W	10	G	3.7	1.2	15	NORTH OF SVALBARD
26	06	08	07.5&	34.364	S	70.212	W	12				12	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.5 (GUC).
26	06	21	34.4*	36.474	N	70.515	E	250	G	4.1	1.1	24	HINDU KUSH REGION, AFGHANISTAN
26	06	31	40.5&	40.640	N	29.146	E	5				5	TURKEY. <ISK>. MD 2.7 (ISK).
26	06	45	39.1	6.023	S	146.535	E	64		4.6	1.3	41	EASTERN NEW GUINEA REG., P.N.G.
26	06	47	48.1*	32.995	N	141.198	E	33	N	4.3	1.0	8	SOUTH OF HONSHU, JAPAN
26	07	18	14.8*	17.648	S	178.972	W	550	G	4.3	0.8	23	FIJI ISLANDS REGION
26	07	18	20.7&	40.636	N	29.116	E	7				6	TURKEY. <ISK>. MD 2.8 (ISK).
26	07	18	26.2*	39.186	S	175.000	E	200	G		0.1	10	NORTH ISLAND, NEW ZEALAND
26	07	43	18.9&	34.354	S	70.213	W	12				8	CHILE-ARGENTINA BORDER REGION. <GUC>.
26	07	54	41.4*	13.114	S	167.040	E	188	*	4.3	0.8	28	VANUATU ISLANDS
26	07	59	04.0*	80.917	N	4.486	W	10	G	4.5	1.4	16	NORTH OF SVALBARD
26	08	30	07.5*	17.665	S	178.817	W	550	G	4.7	1.0	36	FIJI ISLANDS REGION
26	09	00	58.3*	34.893	N	139.037	E	33	N	3.8	0.9	12	NEAR S. COAST OF HONSHU, JAPAN
26	09	35	50.3&	34.383	S	70.533	W	107				9	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.3 (GUC).
26	09	35	54.3&	59.883	N	153.478	W	134				66	SOUTHERN ALASKA. <AEIC>.
26	09	40	29.4&	34.468	S	70.443	W	7				12	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.2 (GUC).
26	09	58	50.8*	15.107	S	173.643	W	33	N	4.5 4.5	1.1	44	TONGA ISLANDS
26	10	15	36.8*	8.293	S	74.122	W	155	?	3.9	0.5	15	PERU-BRAZIL BORDER REGION
26	10	16	34.5&	61.388	N	151.420	W	69				35	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
26	10	21	49.1*	22.439	S	179.683	W	600	G	4.2	0.9	23	SOUTH OF FIJI ISLANDS
26	10	27	02.5&	18.220	N	67.090	W	20				10	MONA PASSAGE. <MPR>. MD 3.6 (MPR).
26	11	25	50.5?	13.15	N	90.50	W	33	N	4.2	1.5	13	NEAR COAST OF GUATEMALA
26	11	48	11.8&	48.190	N	7.580	E	1				13	FRANCE. <STR>. ML 1.9 (LDG), 1.2 (STR).
26	12	04	01.1*	49.667	S	122.662	E	10	G	4.1	1.2	11	SOUTH OF AUSTRALIA
26	12	12	02.9&	37.799	N	30.471	E	10	G			5	TURKEY. <ISK>. MD 3.1 (ISK).
26	13	02	56.2*	34.764	N	139.358	E	10	G	3.7	0.4	8	NEAR S. COAST OF HONSHU, JAPAN. Felt (III JMA) in eastern Shizuoka and (I JMA) in southern Chiba and eastern Kanagawa Prefectures.
26	13	05	13.9&	34.366	S	70.179	W	15				9	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.3 (GUC).
26	13	43	36.2&	32.373	S	71.799	W	24				11	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.1 (GUC).
26	13	50	29.6&	37.636	N	118.887	W	9				15	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM). ML 3.1 (GS), 3.0 (BRK).
26	14	12	17.2&	34.363	S	70.250	W	9				13	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 4.0 (GUC).
26	14	16	52.2	0.855	N	17.342	E	10	G	5.5 4.7	0.8	340	CONGO. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 14:16:58.3; Lat 0.64 N; Lon 17.40 E; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=8.46, Plg=60, Azm=184; (N) Val=-0.94, Plg=17, Azm=306; (P) Val=-7.52, Plg=24, Azm=44; Best double couple: Mo=8.0*10**16 Nm; NP1: Strike=165, Dip=26, Slip=132; NP2: Strike=300, Dip=71, Slip=72.
26	14	34	30.7&	19.070	N	66.410	W	31				7	PUERTO RICO REGION. <MPR>. MD 3.3 (MPR).
26	15	20	11.8*	28.985	N	139.541	E	452	*	3.7	1.2	24	BONIN ISLANDS REGION
26	17	09	55.5*	42.869	N	78.486	E	33	N	3.6	1.0	8	LAKE ISSYK-KUL REGION
26	17	10	15.8	51.530	N	16.337	E	5	G		0.6	16	POLAND. ML 3.6 (GRF), 3.6 (VIE), 3.3 (WAR), 2.9 (CLL).
26	18	46	34.7*	15.157	S	70.205	W	214	*		0.5	10	SOUTHERN PERU
26	19	08	04.7&	37.641	N	118.885	W	8				17	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.1 (GM). ML 3.0 (BRK).
26	19	18	11.9*	6.983	S	129.404	E	153	?	3.9	1.0	13	BANDA SEA
26	20	12	40.0&	31.930	S	70.148	W	140				9	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.6 (GUC).
26	20	46	44.7&	19.090	N	66.440	W	38				8	PUERTO RICO REGION. <MPR>. MD 3.2 (MPR).
26	20	58	04.7	19.110	N	66.442	W	33	N		0.9	17	PUERTO RICO REGION. MD 4.0 (MPR).
26	21	02	17.4&	18.890	N	66.530	W	70				6	PUERTO RICO REGION. <MPR>. MD 3.4 (MPR).
26	21	02	40.7	46.277	N	13.694	E	10	G		1.4	19	AUSTRIA. ML 2.9 (VIE), 2.2 (LJU).
26	21	09	23.2	34.899	N	139.085	E	33	N	4.5 4.2	1.1	37	NEAR S. COAST OF HONSHU, JAPAN
26	22	06	42.7*	35.990	N	139.655	E	82	*	3.9	0.7	17	NEAR S. COAST OF HONSHU, JAPAN
26	22	50	12.7&	38.869	N	26.601	E	10	G			7	AEGEAN SEA. <ISK>. MD 3.2 (ISK).
27	01	15	28.4&	8.509	N	82.430	W	8				9	PANAMA-COSTA RICA BORDER REGION. <UPA>. MD 3.9 (UPA).
27	01	27	32.5&	34.549	S	72.408	W	26				11	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.5 (GUC).
27	02	22	51.7?	21.44	S	177.24	W	300	G	3.8	1.1	11	FIJI ISLANDS REGION
27	02	26	11.1&	46.800	N	2.900	E	7				10	FRANCE. <LDG>. ML 2.0 (LDG).
27	02	49	25.6&	39.834	N	40.601	E	13		3.9		18	TURKEY. <ISK>. MD 3.8 (ISK).
27	03	36	32.0&	41.490	N	112.450	W	2		2.5		28	UTAH. <SLC-P>. ML 3.0 (SLC).
27	03	52	09.2?	49.94	N	177.76	W	33	N		1.1	8	SOUTH OF ALEUTIAN ISLANDS
27	04	28	10.6	61.246	N	133.736	W	33	N		1.2	10	SOUTHERN YUKON TERRITORY, CANADA. ML 3.6 (PGC).
27	05	16	03.8*	12.587	S	34.489	E	10	G	3.8	0.7	11	MALAWI
27	05	32	52.9&	34.056	S	70.144	W	8				10	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.7 (GUC).
27	05	47	07.5&	44.500	N	2.700	E	2				9	FRANCE. <LDG>. ML 2.6 (STR), 2.4 (LDG).

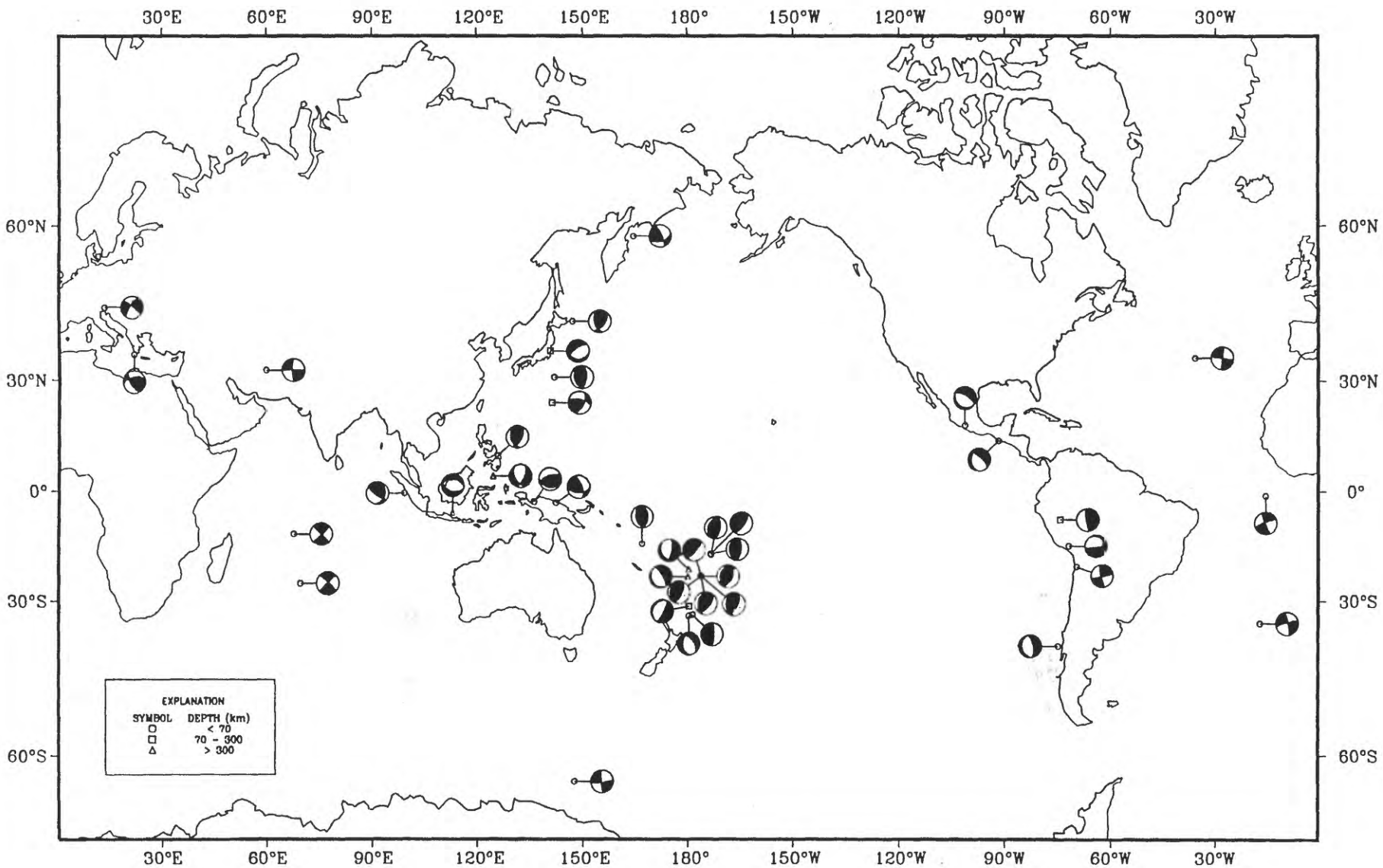
27	06	57	27.8	25.413	S	179.770	E	500	G	4.6	1.0	45	SOUTH OF FIJI ISLANDS
27	07	00	16.0&	48.700	N	123.150	W	60		3.2		50	VANCOUVER ISLAND REGION. <PGC-P>. MD 3.0 (SEA). Felt in the Victoria area.
27	07	00	32.3*	26.009	N	127.739	E	33	N	3.8	1.1	10	RYUKYU ISLANDS
27	08	41	25.8	46.268	N	13.795	E	5	G		0.6	6	AUSTRIA. ML 2.5 (VIE), 1.8 (LJU).
27	10	25	10.5&	40.687	N	29.948	E	12				4	TURKEY. <ISK>. MD 2.7 (ISK).
27	10	26	57.7&	29.844	S	72.035	W	17				14	OFF COAST OF CENTRAL CHILE. <GUC>. MD 4.6 (GUC). Felt (II) at Coquimbo, La Serena and Vicuna.
27	10	56	06.5&	60.164	N	152.299	W	87				18	SOUTHERN ALASKA. <AEIC>.
27	11	34	29.0&	53.357	N	167.104	W	0				6	FOX ISLANDS, ALEUTIAN ISLANDS. <AEIC>. ML 3.0 (AEIC).
27	11	39	06.7?	34.99	N	139.54	E	10	G		0.2	5	NEAR S. COAST OF HONSHU, JAPAN
27	11	53	16.7	51.112	N	169.503	W	33	N	5.0	1.2	124	FOX ISLANDS, ALEUTIAN ISLANDS. ML 4.9 (PMR), 4.5 (AEIC).
27	13	50	35.1&	39.708	N	28.802	E	6				6	TURKEY. <ISK>. MD 2.7 (ISK).
27	13	53	18.4*	9.500	S	112.735	E	33	N	4.3	1.2	14	SOUTH OF JAWA, INDONESIA
27	14	33	39.9&	52.834	N	166.585	W	0				4	FOX ISLANDS, ALEUTIAN ISLANDS. <AEIC>. ML 2.6 (AEIC).
27	15	22	46.2	35.453	N	102.383	W	5	G		0.3	7	TEXAS PANHANDLE REGION. mbLg 3.2 (GS).
27	15	31	29.9&	19.043	N	98.510	W	1				7	CENTRAL MEXICO. <UNM>. MD 4.0 (UNM).
27	15	53	27.5&	31.571	S	70.018	W	141				10	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.1 (GUC).
27	16	12	05.1*	43.669	N	147.373	E	76	*	4.4	0.6	13	KURIL ISLANDS
27	16	31	53.7	55.948	S	27.705	W	145	*	4.8	0.8	39	SOUTH SANDWICH ISLANDS REGION
27	16	37	19.5&	37.150	N	4.200	W	5				10	SPAIN. <MDD>. mbLg 2.3 (MDD).
27	16	59	46.1*	22.371	S	179.036	W	350	G	3.5	0.9	15	SOUTH OF FIJI ISLANDS
27	17	01	14.0&	14.156	N	61.081	W	19				6	WINDWARD ISLANDS. <FDF>. MG 2.3 (FDF).
27	17	26	43.6&	38.843	N	25.861	E	10	G			7	AEGEAN SEA. <ISK>. MD 3.2 (ISK).
27	17	47	11.5&	43.000	N	0.200	E	13				4	FRANCE. <LDG>. ML 2.1 (LDG).
27	18	19	19.4*	18.989	N	145.459	E	250	G	3.8	0.9	12	MARIANA ISLANDS
27	18	39	49.6	2.975	S	136.277	E	33	N	4.5	1.0	35	IRIAN JAYA REGION, INDONESIA
27	18	40	38.5	2.995	S	136.282	E	53	D	5.5	1.1	155	IRIAN JAYA REGION, INDONESIA. Mw 6.2 (GS), 6.1 (HRV). Me 5.5 (GS). Felt in parts of Irian Jaya. Broadband Source Parameters (GS): Dep 24; NP1: Strike=250, Dip=65, Slip=75; NP2: Strike=102, Dip=29, Slip=119; Radiated energy 4.4*10**12 Nm. Complex earthquake, with at least two events occurring about 1.5 seconds apart. Depth based on first event. Moment Tensor (GS): Dep 11; Principal axes (scale 10**18 Nm): (T) Val=2.17, Plg=64, Azm=157; (N) Val=-0.07, Plg=3, Azm=61; (P) Val=-2.10, Plg=26, Azm=330; Best double couple: Mo=2.1*10**18 Nm; NP1: Strike=53, Dip=19, Slip=81; NP2: Strike=242, Dip=71, Slip=93. Centroid, Moment Tensor (HRV): Centroid origin time 18:40:43.3; Lat 2.82 S; Lon 136.02 E; Dep 29.1; Half-duration 3.2 sec; Principal axes (scale 10**18 Nm): (T) Val=1.69, Plg=68, Azm=193; (N) Val=0.23, Plg=13, Azm=70; (P) Val=-1.92, Plg=18, Azm=336; Best double couple: Mo=1.8*10**18 Nm; NP1: Strike=47, Dip=29, Slip=63; NP2: Strike=256, Dip=64, Slip=104.
27	18	59	43.6	28.202	S	70.690	W	55	D	4.7	1.1	46	CENTRAL CHILE. MD 4.9 (GUC). Felt (III) at Alto del Carmen, Copiapo, Freirina, Huasco, Tierra Amarilla and Vallenar.
27	19	58	12.7?	20.39	S	178.18	W	33	N	3.6	0.9	11	FIJI ISLANDS REGION
27	20	00	40.2&	30.824	S	71.681	W	51		4.1		24	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.6 (GUC). Felt (IV) at Limari and (III) at Choapa.
27	20	08	01.7?	19.95	S	177.21	W	200	G	3.9	1.0	13	FIJI ISLANDS REGION
27	20	38	42.6&	44.500	N	2.700	E	2				23	FRANCE. <LDG>. ML 3.1 (STR), 2.6 (LDG).
27	21	18	00.8&	41.833	N	20.148	E	9				11	ALBANIA. <PDG>. ML 2.7 (PDG).
27	21	19	59.6	28.799	N	130.174	E	24	D	3.9	0.9	13	RYUKYU ISLANDS
27	21	59	53.8&	43.900	N	7.700	E	2				4	NEAR SOUTH COAST OF FRANCE. <LDG>. ML 1.9 (LDG).
27	22	08	40.8&	47.500	N	0.900	W	5				33	FRANCE. <LDG>. ML 3.1 (LDG), 3.0 (STR).
27	22	16	59.5	9.792	S	116.645	E	33	N	4.1	0.8	9	SUMBAWA REGION, INDONESIA
27	22	34	24.9&	37.760	N	3.080	W	3				32	SPAIN. <MDD>. mbLg 3.6 (MDD), ML 3.6 (LDG). Felt (IV) at Huesa and (III) at Quesada.
27	23	12	18.5&	37.710	N	3.040	W	0	G			14	SPAIN. <MDD>. mbLg 2.3 (MDD).
27	23	51	35.7	6.082	S	113.097	E	591	D	5.5	1.0	235	JAWA, INDONESIA. Mw 5.7 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 23:51:41.0; Lat 6.02 S; Lon 113.11 E; Dep 595.5; Half-duration 1.8 sec; Principal axes (scale 10**17 Nm): (T) Val=4.46, Plg=1, Azm=12; (N) Val=-0.31, Plg=6, Azm=282; (P) Val=-4.15, Plg=84, Azm=108; Best double couple: Mo=4.3*10**17 Nm; NP1: Strike=108, Dip=45, Slip=-82; NP2: Strike=276, Dip=46, Slip=-98.
27	23	52	47.8&	33.654	S	70.754	W	79				13	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.6 (GUC).
27	23	57	07.6&	18.070	N	67.520	W	25				10	MONA PASSAGE. <MPR>. MD 3.3 (MPR).
28	00	12	18.6&	34.297	N	118.459	W	5				2	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.4 (PAS). Multiple event. Felt in the San Fernando Valley.
28	01	42	23.8&	39.135	N	29.118	E	8				6	TURKEY. <ISK>. MD 2.8 (ISK).
28	02	32	11.5&	54.230	N	164.272	W	0				16	UNIMAK ISLAND REGION. <AEIC>. ML 3.0 (AEIC).
28	03	15	29.0?	51.27	N	177.69	W	61	D	3.2	1.5	10	ANDREANOF ISLANDS, ALEUTIAN IS.
28	03	51	55.3&	38.640	N	40.427	E	10	G			6	TURKEY. <ISK>. MD 4.3 (ISK).
28	04	04	28.5?	36.94	N	72.03	E	200	G	3.2	0.8	8	AFGHANISTAN-TAJIKISTAN BORD REG.
28	05	36	24.8	9.863	S	117.854	E	100	G	3.2	1.2	11	SUMBAWA REGION, INDONESIA
28	06	22	23.4&	58.364	N	155.943	W	154				44	ALASKA PENINSULA. <AEIC>.
28	06	45	27.5&	31.565	S	70.487	W	139				14	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.3 (GUC).
28	06	49	35.8*	60.850	S	152.128	E	10	G	4.2 4.6	1.2	10	WEST OF MACQUARIE ISLAND
28	06	56	06.6?	17.70	S	178.91	W	634	?	4.1	0.4	16	FIJI ISLANDS REGION
28	07	05	46.0*	43.630	N	146.441	E	100	G	4.2	1.3	17	KURIL ISLANDS
28	07	09	00.1*	23.835	N	121.906	E	33	N	3.7	1.2	9	TAIWAN
28	07	38	47.3*	36.270	N	71.351	E	114	D	4.2	1.1	15	AFGHANISTAN-TAJIKISTAN BORD REG.
28	07	42	04.6&	55.800	N	159.026	W	74		2.7		33	ALASKA PENINSULA. <AEIC>. Felt at Perryville.
28	08	05	33.8	10.285	S	78.225	W	55	D	4.4	0.9	28	NEAR COAST OF PERU
28	08	40	08.7	6.535	S	80.727	W	49	D	4.5	0.9	40	NEAR COAST OF NORTHERN PERU
28	09	24	38.9&	48.700	N	2.900	W	2				30	FRANCE. <LDG>. ML 3.1 (LDG), 3.0 (STR).
28	09	30	17.1	18.907	N	145.042	E	626		4.3	0.9	65	MARIANA ISLANDS
28	09	45	35.3&	65.246	N	149.054	W	16				25	NORTHERN ALASKA. <AEIC>. ML 2.6 (AEIC), 3.1 (PMR).
28	09	51	04.9&	39.670	N	29.478	E	10	G			5	TURKEY. <ISK>. MD 2.8 (ISK).

28	10	36	21.0&	40.878	N	29.493	E	6					8	TURKEY. <ISK>. MD 2.7 (ISK).
28	11	19	48.9*	50.866	N	16.053	E	10	G			0.5	6	POLAND. ML 3.3 (VIE), 2.8 (WAR).
28	12	40	34.1&	44.366	N	7.258	E	7					7	NORTHERN ITALY. <GEN>. ML 2.1 (GEN).
28	13	03	38.0&	39.104	N	27.604	E	11					7	TURKEY. <ISK>. MD 2.8 (ISK).
28	13	15	35.2&	7.370	N	82.366	W	5					7	SOUTH OF PANAMA. <UPA>. MD 3.7 (UPA).
28	13	50	52.1&	33.686	S	70.800	W	75					14	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.6 (GUC).
28	13	51	58.7&	17.579	N	99.353	W	93					5	GUERRERO, MEXICO. <UNM>. MD 3.4 (UNM).
28	14	13	01.6	34.782	N	98.416	W	5	G	3.9		0.6	12	OKLAHOMA. mbLg 4.2 (GS), 4.2 (TUL). Slight damage (VI) at Medicine Park. Felt (V) at Cache, Chattanooga, Elgin, Fletcher, Geronimo, Gotebo and Snyder; (IV) at Apache, Blair, Carnegie, Faxon, Headrick and Washita; (III) at Chikasha, Clinton, Cyril, Fort Sill, Hollister, Lawton, Mangum, Manitou, Mountain View, Randlett, Sterling, Temple and Tipton. Felt at Billings, Dougherty, Hennessey, Norman and Oklahoma City. Also felt at Wichita Falls and by people in a three-story apartment building near Dallas, Texas.
28	15	44	06.0	21.971	S	179.606	W	608	D	5.3		1.0	333	FIJI ISLANDS REGION. Mw 5.7 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 15:44:11.1; Lat 21.88 S; Lon 179.49 W; Dep 618.4; Half-duration 1.7 sec; Principal axes (scale 10**17 Nm): (T) Val=4.21, Plg=24, Azm=87; (N) Val=0.21, Plg=15, Azm=184; (P) Val=-4.41, Plg=61, Azm=304; Best double couple: Mo=4.3*10**17 Nm; NP1: Strike=148, Dip=25, Slip=-128; NP2: Strike=10, Dip=71, Slip=-74.
28	15	55	36.7*	67.429	N	163.268	W	10	G	3.6		0.8	9	NORTHERN ALASKA
28	16	24	53.6&	58.414	N	154.063	W	80		3.5			80	ALASKA PENINSULA. <AEIC>.
28	17	19	40.6&	33.144	S	70.257	W	107					14	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.4 (GUC).
28	17	44	49.2&	45.259	N	120.281	W	8					19	WASHINGTON-OREGON BORDER REGION. <SEA-P>. MD 2.7 (SEA).
28	17	50	04.3	43.921	N	147.553	E	33	N	4.9	3.9	1.0	96	KURIL ISLANDS
28	18	28	37.6*	51.622	N	174.621	W	33	N	4.0		0.9	19	ANDREANOF ISLANDS, ALEUTIAN IS.
28	18	55	36.2&	32.547	S	70.265	W	107					14	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.2 (GUC).
28	19	26	36.8&	61.878	N	149.872	W	37					51	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
28	20	21	26.7&	35.150	S	71.203	W	94					13	CENTRAL CHILE. <GUC>. MD 3.4 (GUC).
28	20	28	25.3*	39.539	N	42.611	E	10	G	4.2		1.1	19	TURKEY. MD 4.3 (ISK).
28	20	55	43.9&	44.200	N	2.500	W	2					4	BAY OF BISCAY. <LDG>. ML 2.2 (LDG).
28	21	04	36.3&	59.830	N	153.321	W	123					51	SOUTHERN ALASKA. <AEIC>.
28	21	18	29.9*	38.874	S	175.770	E	150	G			0.3	14	NORTH ISLAND, NEW ZEALAND
28	22	25	24.8&	33.136	S	70.319	W	104					13	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.8 (GUC).
28	23	15	10.9&	33.860	S	71.321	W	56					9	NEAR COAST OF CENTRAL CHILE. <GUC>.
28	23	20	51.0	12.987	N	125.999	E	34	D	4.8		1.1	48	SAMAR, PHILIPPINE ISLANDS
28	23	25	16.9&	54.246	N	163.152	W	52					16	UNIMAK ISLAND REGION. <AEIC>. ML 3.2 (AEIC).
29	00	49	56.8*	18.095	N	61.570	W	10	G	3.5		0.8	7	LEEWARD ISLANDS
29	01	31	10.5&	18.570	N	67.030	W	16					11	MONA PASSAGE. <MPR>. MD 2.9 (MPR).
29	02	31	47.6*	65.332	S	178.477	E	10	G	4.6		1.0	14	BALLENY ISLANDS REGION
29	02	39	10.5	41.086	S	174.820	E	70	*			0.9	13	COOK STRAIT, NEW ZEALAND. Felt at Lower Hutt on the North Island.
29	03	30	39.3	36.138	N	21.940	E	33	N	5.3	5.3	1.2	354	SOUTHERN GREECE. Mw 5.5 (HRV). ML 5.1 (THE). Felt throughout southern Greece. Centroid, Moment Tensor (HRV): Centroid origin time 03:30:42.3; Lat 36.03 N; Lon 22.01 E; Dep 40.3; Half-duration 1.4 sec; Principal axes (scale 10**17 Nm): (T) Val=1.74, Plg=49, Azm=110; (N) Val=0.50, Plg=41, Azm=300; (P) Val=-2.24, Plg=5, Azm=206; Best double couple: Mo=2.0*10**17 Nm; NP1: Strike=260, Dip=53, Slip=36; NP2: Strike=147, Dip=62, Slip=137.
29	03	40	19.0	46.751	N	10.302	E	10	G			0.9	16	NORTHERN ITALY. ML 2.5 (VIE), 2.5 (LDG).
29	03	45	27.8&	36.076	N	117.837	W	2					8	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 3.0 (PAS).
29	05	11	52.6*	36.070	N	22.249	E	33	N	3.8		1.1	12	SOUTHERN GREECE
29	05	33	58.2?	19.72	S	177.80	W	550	G	4.0		0.5	12	FIJI ISLANDS REGION
29	05	54	46.9&	63.189	N	151.333	W	15					56	CENTRAL ALASKA. <AEIC>. ML 2.8 (AEIC), 3.3 (PMR).
29	05	59	38.1&	32.368	S	70.274	W	104					11	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.8 (GUC).
29	06	23	00.0	36.026	N	22.146	E	33	N	3.8		1.1	22	SOUTHERN GREECE
29	07	27	53.7	34.203	N	137.167	E	339		3.8		0.9	25	NEAR S. COAST OF HONSHU, JAPAN
29	07	34	07.9&	40.829	N	27.839	E	9					8	TURKEY. <ISK>. MD 2.8 (ISK).
29	07	39	42.3&	44.580	N	7.200	E	2					17	NORTHERN ITALY. <STR>. ML 2.3 (GEN), 1.8 (STR).
29	08	21	01.8*	29.959	S	175.983	W	33	N	4.4		1.3	30	KERMADEC ISLANDS REGION
29	08	31	16.1*	34.444	N	141.513	E	33	N	3.6		1.2	9	OFF EAST COAST OF HONSHU, JAPAN
29	08	48	33.2&	54.274	N	162.694	W	20					11	ALASKA PENINSULA. <AEIC>. ML 2.6 (AEIC).
29	09	35	19.6&	31.999	S	71.496	W	28					12	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.8 (GUC).
29	09	58	53.9	2.409	S	121.096	E	33	N	4.5		0.6	16	SULAWESI, INDONESIA
29	10	04	50.1*	70.926	N	14.520	W	10	G	3.6		0.9	12	JAN MAYEN ISLAND REGION
29	10	12	02.6	2.384	S	121.007	E	33	N	4.3		1.1	23	SULAWESI, INDONESIA
29	10	29	13.6*	36.736	N	21.450	E	33	N	4.2		1.1	8	SOUTHERN GREECE
29	10	34	06.5	31.152	S	117.587	E	10	G			0.9	9	WESTERN AUSTRALIA
29	11	05	51.3*	26.443	S	71.742	E	10	G	4.5		0.9	15	MID-INDIAN RIDGE
29	11	58	08.1&	35.219	S	71.585	W	76					9	CENTRAL CHILE. <GUC>.
29	12	03	21.9*	50.341	N	7.391	E	10	G			0.8	5	GERMANY. ML 2.0 (STR), 1.9 (UCC).
29	12	53	28.8&	39.718	N	29.244	E	8					5	TURKEY. <ISK>. MD 2.6 (ISK).
29	13	36	10.7	40.369	S	174.626	E	64		4.0		1.2	24	COOK STRAIT, NEW ZEALAND
29	14	23	20.5	5.487	S	147.208	E	186		4.3		0.8	20	EASTERN NEW GUINEA REG., P.N.G.
29	14	53	51.5*	5.397	S	128.244	E	300	G	4.1		0.8	9	BANDA SEA
29	15	05	31.3*	18.160	N	65.874	W	87	*	3.6		0.2	12	PUERTO RICO REGION. MD 3.8 (MPR). Felt at Caguas, Carolina, Rio Piedras and San Lorenzo.
29	16	01	11.2&	40.904	N	30.413	E	10	G				4	TURKEY. <ISK>. MD 2.7 (ISK).
29	16	22	48.4&	41.701	N	19.867	E	11					9	ALBANIA. <PDG>. ML 2.2 (PDG).
29	16	31	13.7	36.630	N	69.469	E	33	N	4.7		0.9	52	HINDU KUSH REGION, AFGHANISTAN
29	16	56	47.7&	44.838	N	6.574	E	9					6	FRANCE. <GEN>. ML 2.2 (GEN).
29	17	39	57.5	29.943	N	68.140	E	33	N	4.5		0.7	25	PAKISTAN
29	18	06	52.9*	5.079	S	153.063	E	33	N	3.8		1.2	8	NEW IRELAND REGION, P.N.G.
29	18	10	53.5	47.256	N	8.582	E	10	G			1.0	14	SWITZERLAND. ML 2.0 (STR).
29	18	19	22.8*	43.247	N	12.767	E	10	G			1.1	22	CENTRAL ITALY. ML 3.3 (LDG), 3.3 (VIE).
29	18	48	44.7	46.198	N	13.690	E	10	G			0.5	7	AUSTRIA. ML 2.2 (VIE), 1.6 (LJU).
29	19	33	47.8&	61.589	N	150.058	W	43					44	SOUTHERN ALASKA. <AEIC>. ML 4.2 (AEIC), 4.1 (PMR). Felt at

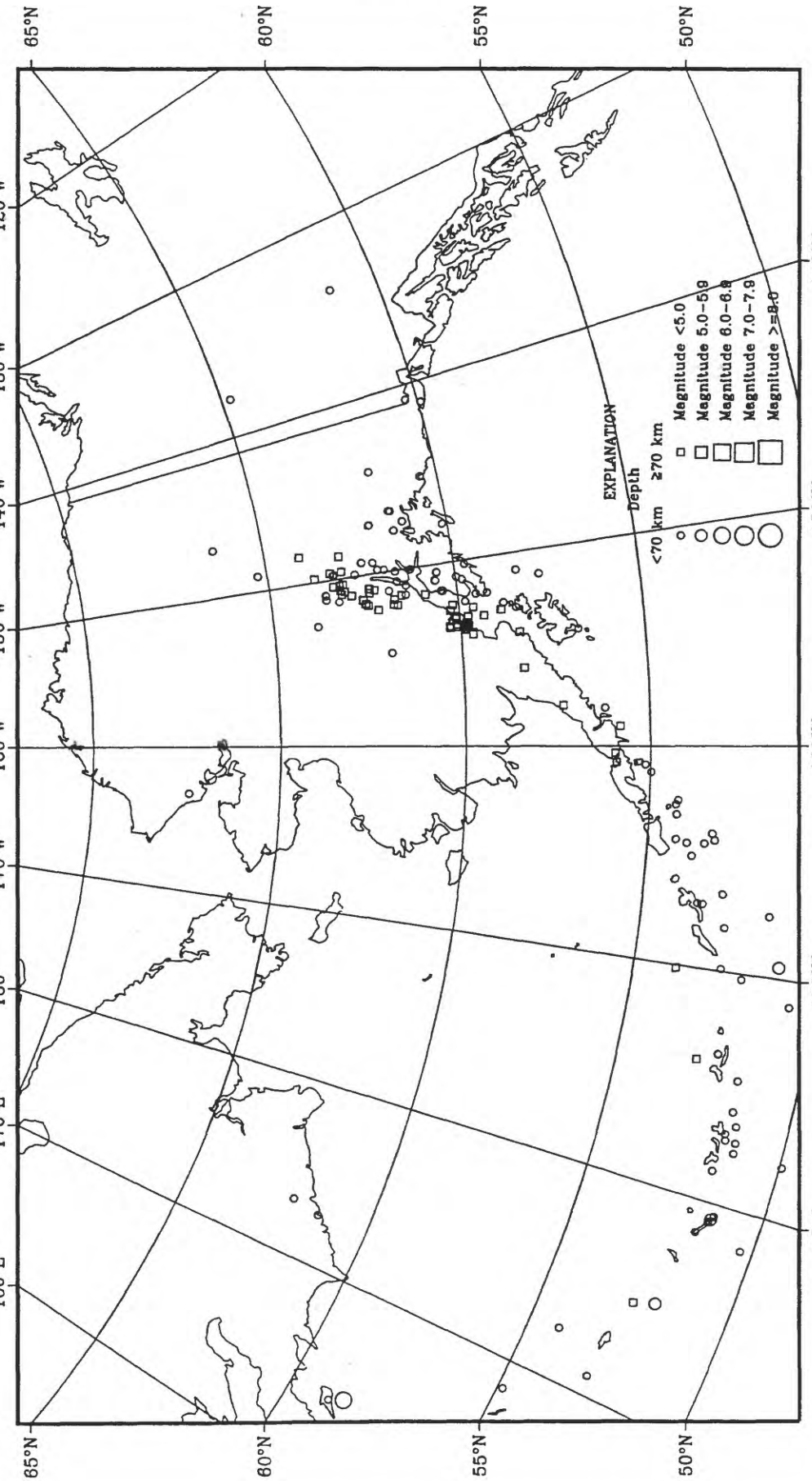
													Anchorage, Butte, Palmer and Wasilla.
29	20	13	23.1*	34.853	N	139.240	E	33	N		1.0	9	NEAR S. COAST OF HONSHU, JAPAN
29	20	19	03.3?	61.78	N	144.21	W	33	N	4.5	1.1	7	SOUTHERN ALASKA
29	21	03	12.9	46.227	N	13.602	E	10	G		0.7	9	AUSTRIA. ML 2.2 (VIE), 1.7 (LJU).
29	22	47	17.8&	32.065	S	70.892	W	89				15	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.9 (GUC).
29	22	48	30.3*	49.919	N	155.259	E	127	D	4.4	0.9	34	KURIL ISLANDS
29	23	32	40.6	30.781	N	141.963	E	33	N	5.5 5.5	0.8	245	SOUTH OF HONSHU, JAPAN. Mw 5.6 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 23:32:43.0; Lat 30.90 N; Lon 142.13 E; Dep 15.0 Bdy; Half-duration 1.5 sec; Principal axes (scale 10**17 Nm): (T) Val=2.82, Plg=72, Azm=309; (N) Val=0.08, Plg=11, Azm=179; (P) Val=-2.90, Plg=13, Azm=87; Best double couple: Mo=2.9*10**17 Nm; NP1: Strike=162, Dip=33, Slip=69; NP2: Strike=6, Dip=59, Slip=103.
30	00	25	24.7&	17.820	N	67.390	W	8				7	MONA PASSAGE. <MPR>. MD 2.7 (MPR).
30	00	35	19.3&	18.710	N	65.040	W	72				5	PUERTO RICO REGION. <MPR>. MD 3.2 (MPR).
30	00	48	30.0&	61.179	N	147.352	W	31				100	SOUTHERN ALASKA. <AEIC>. ML 4.3 (AEIC), 4.3 (PMR). Felt at Anchorage.
30	01	22	04.5*	76.777	N	107.218	W	10	G	4.2	1.2	14	QUEEN ELIZABETH ISLANDS, CANADA
30	01	49	29.8*	30.736	N	142.012	E	33	N	4.4	1.0	20	SOUTH OF HONSHU, JAPAN
30	02	17	28.8&	17.449	N	94.079	W	189				12	CHIAPAS, MEXICO. <UNM>. MD 3.7 (UNM).
30	02	39	47.7&	36.720	N	2.860	W	0	G			5	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.1 (MDD).
30	02	56	45.4&	19.220	N	66.260	W	38				5	PUERTO RICO REGION. <MPR>. MD 2.8 (MPR).
30	02	57	09.5&	33.875	S	70.680	W	83				11	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.9 (GUC).
30	03	03	59.6&	17.266	N	101.341	W	1				6	NEAR COAST OF GUERRERO, MEXICO. <UNM>. MD 3.8 (UNM).
30	03	20	13.5	46.267	N	13.772	E	10	G		0.9	14	AUSTRIA. ML 2.7 (VIE).
30	03	40	48.6?	63.19	S	149.70	E	10	G		0.4	5	BALLENY ISLANDS REGION
30	04	04	28.6*	30.748	N	142.011	E	33	N	3.7	1.4	11	SOUTH OF HONSHU, JAPAN
30	04	30	40.5?	29.73	S	177.80	W	33	N	4.4	1.2	9	KERMADEC ISLANDS, NEW ZEALAND
30	04	30	44.1&	32.323	S	70.371	W	116				11	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.2 (GUC).
30	04	51	26.8	17.944	S	174.957	W	200	G	4.7	0.9	48	TONGA ISLANDS
30	05	30	33.8*	30.822	N	142.386	E	33	N	3.7	1.0	7	SOUTH OF HONSHU, JAPAN
30	05	36	40.3&	34.509	S	70.394	W	4				12	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.8 (GUC).
30	05	37	13.0*	52.055	N	170.238	W	33	N	4.0	1.0	18	FOX ISLANDS, ALEUTIAN ISLANDS
30	05	58	56.7*	2.998	S	130.218	E	33	N	4.3	0.8	12	SERAM, INDONESIA
30	06	18	22.4&	39.580	N	29.601	E	13				5	TURKEY. <ISK>. MD 2.7 (ISK).
30	06	43	44.5*	2.987	S	128.080	E	33	N	4.3	1.0	12	CERAM SEA
30	06	51	56.8&	53.766	N	164.978	W	49				9	UNIMAK ISLAND REGION. <AEIC>. ML 3.1 (AEIC).
30	07	24	49.6&	35.683	S	72.756	W	0				7	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.8 (GUC).
30	08	23	28.2	30.787	N	141.952	E	47	D	4.5 4.1	0.9	33	SOUTH OF HONSHU, JAPAN
30	08	32	58.8&	35.109	S	71.185	W	99				11	CENTRAL CHILE. <GUC>. MD 3.1 (GUC).
30	09	11	44.8&	34.359	S	70.211	W	9				11	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.7 (GUC).
30	09	39	46.3&	40.011	N	29.356	E	10				4	TURKEY. <ISK>. MD 2.5 (ISK).
30	10	59	01.4	36.042	N	21.978	E	33	N	4.5	1.1	117	SOUTHERN GREECE. ML 4.4 (THE).
30	11	01	03.6	4.437	S	152.463	E	101		4.4	1.0	24	NEW BRITAIN REGION, P.N.G.
30	11	11	43.6?	14.41	N	91.17	W	33	N	3.6	1.1	8	GUATEMALA
30	11	13	32.2&	43.000	N	0.090	W	3				17	PYRENEES. <LDG>. ML 3.0 (LDG). mbLg 2.8 (MDD). Felt (III) in the Bigorre region, France.
30	11	14	50.8*	2.152	N	126.876	E	33	N	4.4	1.3	14	NORTHERN MOLUCCA SEA
30	11	19	32.7&	39.266	N	27.696	E	7				5	TURKEY. <ISK>. MD 2.9 (ISK).
30	11	22	31.1	49.148	N	127.979	W	10	G	3.4	1.1	31	VANCOUVER ISLAND REGION. ML 3.6 (PGC).
30	11	33	19.2&	33.165	S	72.286	W	32				10	OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.7 (GUC).
30	11	35	10.6	49.037	N	128.407	W	10	G	3.2	0.9	15	VANCOUVER ISLAND REGION. ML 3.5 (PGC).
30	12	18	49.2*	7.360	S	127.982	E	150	G	4.4	1.4	20	BANDA SEA
30	12	48	13.6	13.694	S	166.835	E	33	N	4.7	1.1	50	VANUATU ISLANDS
30	13	14	43.1&	37.240	N	4.180	W	0	G			12	SPAIN. <MDD>. mbLg 2.7 (MDD).
30	13	20	24.1	45.709	N	15.632	E	10	G		1.0	6	NORTHWESTERN BALKAN REGION. ML 1.6 (LJU).
30	13	36	28.7&	37.190	N	4.210	W	0	G			9	SPAIN. <MDD>. mbLg 2.2 (MDD).
30	13	37	17.1	33.573	S	72.082	W	33	N		0.8	26	OFF COAST OF CENTRAL CHILE. MD 4.6 (GUC).
30	13	49	18.4&	32.265	S	70.305	W	113				11	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.6 (GUC).
30	14	21	03.0&	37.220	N	4.230	W	0	G			9	SPAIN. <MDD>. mbLg 2.4 (MDD).
30	14	22	42.0*	53.854	N	170.144	W	100	G		0.6	9	FOX ISLANDS, ALEUTIAN ISLANDS
30	15	22	00.9&	33.574	S	71.955	W	25				9	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.1 (GUC).
30	15	23	43.9&	32.588	S	71.612	W	39				13	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.9 (GUC).
30	15	27	26.8&	33.606	S	72.020	W	15				8	OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.6 (GUC).
30	15	43	10.5?	22.95	S	179.52	E	600	G	3.7	0.6	10	SOUTH OF FIJI ISLANDS
30	15	44	00.9&	60.112	N	153.502	W	157		2.6		52	SOUTHERN ALASKA. <AEIC>.
30	16	15	29.9&	14.781	N	60.816	W	30				4	WINDWARD ISLANDS. <FDF>. MG 1.5 (FDF).
30	16	35	28.8&	33.583	S	72.015	W	11				12	OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.5 (GUC).
30	16	47	51.6&	19.060	N	65.280	W	32				4	PUERTO RICO REGION. <MPR>. MD 3.4 (MPR).
30	17	57	28.5	3.122	N	127.764	E	130	D	4.6	1.4	41	TALAUD ISLANDS, INDONESIA
30	18	08	08.5*	24.080	S	66.718	W	203	?	3.6	0.2	6	SALTA PROVINCE, ARGENTINA
30	18	46	03.4&	33.179	S	70.286	W	5				12	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.3 (GUC).
30	18	48	00.8&	37.220	N	4.210	W	0	G			9	SPAIN. <MDD>. mbLg 2.6 (MDD).
30	19	50	30.2&	62.341	N	150.841	W	71		2.4		49	CENTRAL ALASKA. <AEIC>.
30	20	59	22.9*	36.306	N	141.399	E	33	N	4.0	1.5	14	NEAR EAST COAST OF HONSHU, JAPAN
30	21	18	12.2&	31.618	S	69.996	W	140				12	SAN JUAN PROVINCE, ARGENTINA. <GUC>. MD 3.3 (GUC).
30	21	23	29.0?	30.80	S	69.09	W	100	G		1.1	15	CHILE-ARGENTINA BORDER REGION. MD 3.9 (GUC).
30	21	42	29.3*	54.855	N	161.422	E	33	N	3.9	1.2	13	NEAR EAST COAST OF KAMCHATKA
30	21	42	41.8	6.806	N	72.948	W	162	*	4.4	0.8	42	NORTHERN COLOMBIA
30	21	45	29.4&	46.300	N	7.400	E	2				14	SWITZERLAND. <LDG>. ML 2.0 (LDG), 2.0 (STR).
30	23	03	01.8?	16.40	S	173.85	W	33	N	4.2	1.5	14	TONGA ISLANDS
30	23	05	30.0?	17.85	S	172.76	W	33	N	4.2	1.5	10	TONGA ISLANDS REGION

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

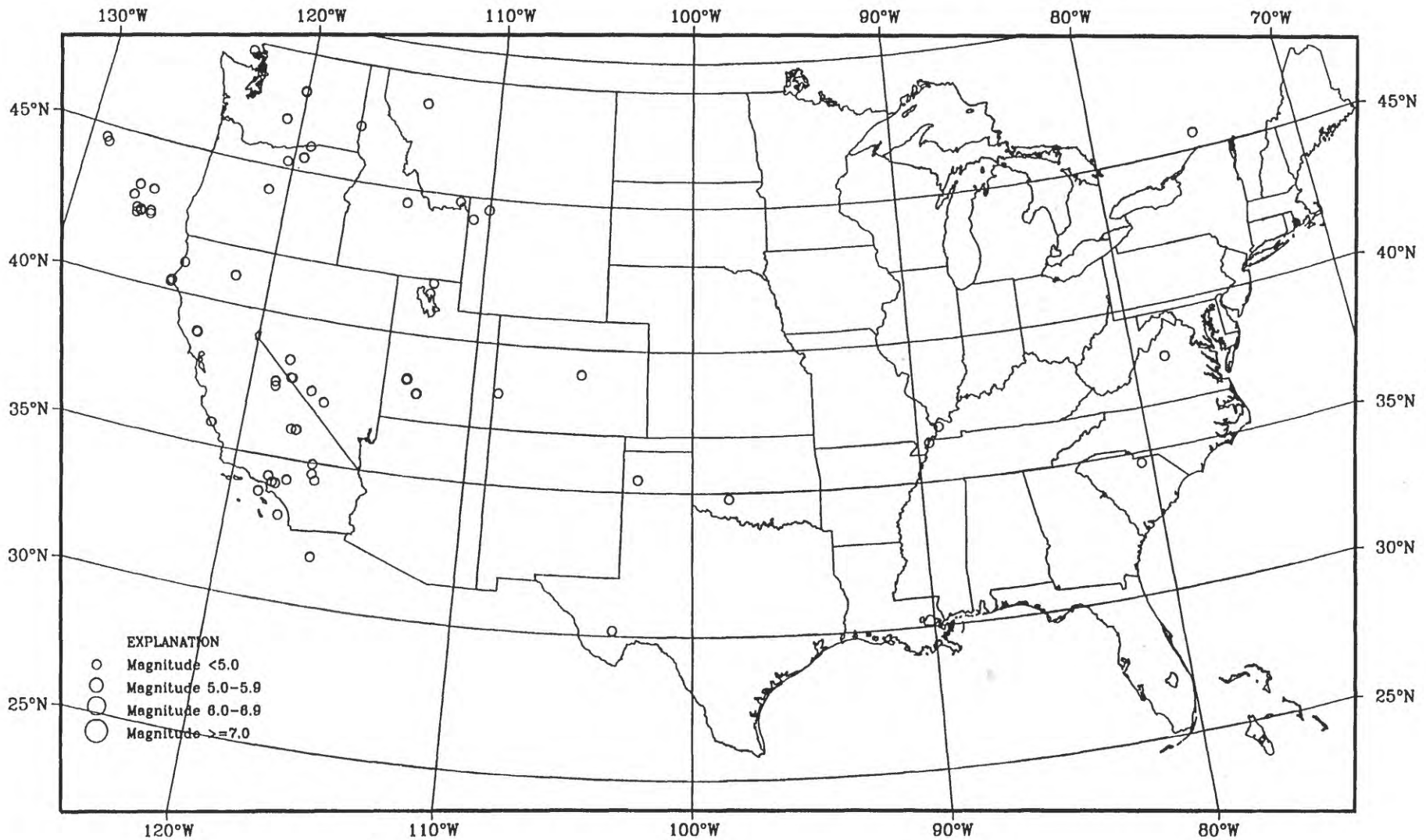
Earthquake Focal Mechanisms for April 1998



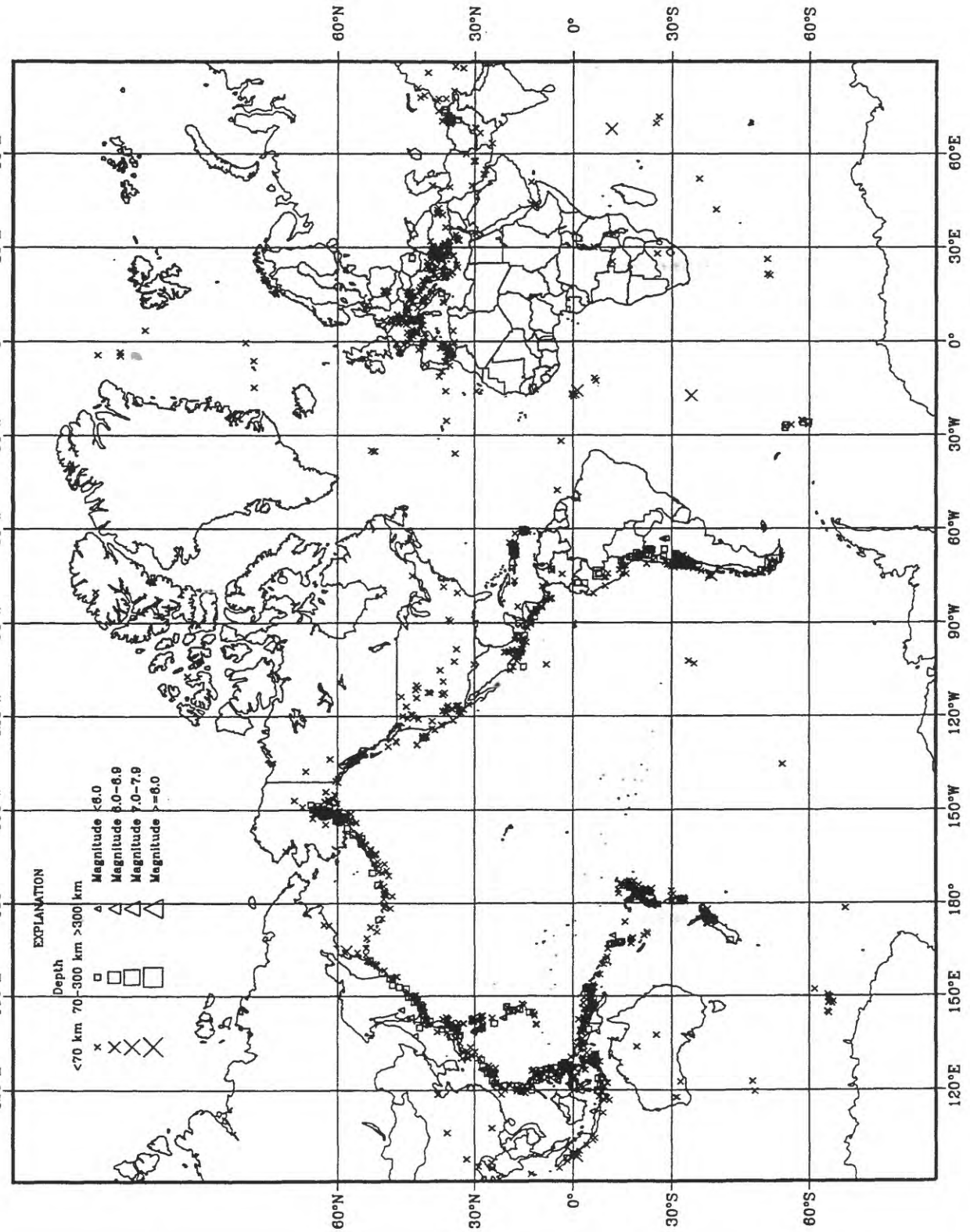
Earthquake epicenters in Alaska and adjacent regions for April 1998



Earthquake epicenters in the conterminous United States and adjacent regions for April 1998



Earthquakes located worldwide in April 1998



USGS
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U.S. Department of the Interior
U.S. Geological Survey

Preliminary Determination of Epicenters

Monthly Listing

National Earthquake Information Center

MAY 1998

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	03	48.0	14.919	S	176.691	W	33	N	4.7	4.9	1.2	70	FIJI ISLANDS REGION. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 00:03:49.2; Lat 14.71 S; Lon 176.62 W; Dep 15.0 Fix; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=1.32, Plg=17, Azm=160; (N) Val=-0.26, Plg=55, Azm=276; (P) Val=-1.06, Plg=29, Azm=60; Best double couple: Mo=1.2*10**17 Nm; NP1: Strike=203, Dip=56, Slip=-170; NP2: Strike=108, Dip=82, Slip=-34.
01	00	11	10.6&	32.701	S	70.894	W	88					15	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 4.2 (GUC).
01	00	12	19.3?	15.00	S	176.95	W	100	G	4.4		1.4	16	FIJI ISLANDS REGION
01	00	41	56.7&	60.822	N	152.017	W	15					27	SOUTHERN ALASKA. <AEIC>. ML 2.9 (AEIC), 3.2 (PMR).
01	01	35	07.6&	61.469	N	146.745	W	16					18	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
01	01	44	32.6&	35.602	S	71.545	W	114					14	CENTRAL CHILE. <GUC>. MD 4.0 (GUC).
01	02	02	17.6*	30.962	N	67.935	E	33	N	3.9		1.1	10	PAKISTAN
01	02	12	44.1*	50.315	N	150.480	E	400	G	3.9		0.8	19	NORTHWEST OF KURIL ISLANDS
01	02	26	19.6&	18.214	N	99.859	W	49					9	GUERRERO, MEXICO. <UNM>. MD 3.9 (UNM).
01	02	48	49.3?	15.42	S	176.72	W	33	N	4.1		0.8	10	FIJI ISLANDS REGION
01	03	16	53.5	26.404	S	72.986	E	10	G	4.7		0.6	22	MID-INDIAN RIDGE
01	03	24	52.9&	36.391	S	72.270	W	112					9	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.4 (GUC).
01	03	27	07.6&	31.326	S	72.018	W	19					10	OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.9 (GUC).
01	03	52	06.6&	35.810	N	3.710	W	0	G				8	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.2 (MDD).
01	03	53	57.9*	6.856	N	73.227	W	161		4.6		1.3	26	NORTHERN COLOMBIA
01	04	00	13.0	37.494	N	20.740	E	33	N	4.8	4.8	1.1	224	IONIAN SEA. Mw 5.3 (HRV). ML 4.7 (PDG), 4.6 (THE). Centroid, Moment Tensor (HRV): Centroid origin time 04:00:19.0; Lat 37.56 N; Lon 20.50 E; Dep 33.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**17 Nm): (T) Val=1.03, Plg=21, Azm=349; (N) Val=-0.04, Plg=67, Azm=143; (P) Val=-0.98, Plg=9, Azm=256; Best double couple: Mo=1.0*10**17 Nm; NP1: Strike=31, Dip=69, Slip=172; NP2: Strike=124, Dip=82, Slip=22.
01	04	34	07.5?	3.96	S	146.23	E	33	N	3.5		1.3	6	BISMARCK SEA
01	05	32	10.3*	20.602	S	178.911	W	600	G	3.8		0.8	14	FIJI ISLANDS REGION
01	05	42	04.6	8.034	S	123.323	E	218	*	4.9		0.5	25	FLORES REGION, INDONESIA
01	05	44	54.4&	43.100	N	0.600	W	2					8	PYRENEES. <LDG>. ML 2.4 (LDG), 2.2 (STR).
01	05	59	21.7?	12.69	N	141.40	E	33	N	3.9		1.0	10	SOUTH OF MARIANA ISLANDS
01	06	49	53.5*	49.928	N	156.174	E	100	G	3.9		0.5	14	KURIL ISLANDS
01	06	56	03.9?	12.75	N	140.98	E	33	N	3.6		1.2	8	WESTERN CAROLINE ISLANDS
01	06	58	40.3*	28.252	S	177.243	W	33	N	4.3		1.1	21	KERMADEC ISLANDS REGION
01	07	47	03.6&	40.676	N	33.750	E	5					7	TURKEY. <ISK>. MD 3.9 (ISK).
01	08	35	21.2&	39.645	N	29.425	E	5					4	TURKEY. <ISK>. MD 2.6 (ISK).
01	08	54	54.8&	32.715	S	70.867	W	85					13	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.6 (GUC).
01	09	07	10.7&	4.957	N	83.193	W	49		3.5			9	OFF COAST OF CENTRAL AMERICA. <UPA>. MD 4.2 (UPA).
01	09	20	41.7&	39.566	N	29.966	E	10					5	TURKEY. <ISK>. MD 2.7 (ISK).
01	09	35	07.0&	39.587	N	29.626	E	9					6	TURKEY. <ISK>. MD 2.7 (ISK).
01	09	47	58.3*	26.433	N	128.730	E	33	N	4.3		1.2	27	RYUKYU ISLANDS
01	10	33	07.7	35.101	S	178.562	E	195	*	4.5		1.1	47	OFF E. COAST OF N. ISLAND, N.Z. Felt at Wellington.
01	10	40	49.5*	2.276	S	139.213	E	33	N	4.6		0.8	11	NEAR NORTH COAST OF IRIAN JAYA
01	10	46	19.1&	33.603	S	70.138	W	2					11	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.5 (GUC).
01	10	54	53.1	53.411	N	165.484	W	33	N	4.7		1.2	94	FOX ISLANDS, ALEUTIAN ISLANDS. ML 4.8 (PMR).
01	11	05	14.9&	47.000	N	6.800	E	2					7	FRANCE. <LDG>. ML 1.8 (LDG).
01	11	08	34.8&	39.007	N	27.953	E	10	G				7	TURKEY. <ISK>. MD 2.9 (ISK).
01	11	13	20.1*	26.438	N	128.907	E	36	*	3.7		1.0	14	RYUKYU ISLANDS
01	11	23	17.5&	32.156	S	70.056	W	121					14	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.8 (GUC).
01	11	43	21.6&	37.100	N	5.500	W	0	G				6	SPAIN. <MDD>. mbLg 1.7 (MDD).
01	11	49	04.0*	0.024	N	16.625	W	10	G	4.7	4.1	1.3	40	NORTH OF ASCENSION ISLAND
01	11	57	36.4*	30.040	N	79.537	E	42	D	4.4		1.4	20	XIZANG-INDIA BORDER REGION
01	12	01	09.0*	18.528	N	145.022	E	550	G	3.7		0.5	12	MARIANA ISLANDS
01	12	08	43.3	55.949	S	26.707	W	33	N	5.0	4.6	1.0	54	SOUTH SANDWICH ISLANDS REGION. Mw 5.3 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 12:08:48.2; Lat 56.08 S; Lon 26.86 W; Dep 24.8; Half-duration 1.0 sec; Principal axes (scale 10**17 Nm): (T)

														Val=1.08, Plg=55, Azm=288; (N) Val=-0.02, Plg=13, Azm=178; (P) Val=-1.06, Plg=32, Azm=80; Best double couple: Mo=1.1*10**17 Nm; NP1: Strike=131, Dip=18, Slip=41; NP2: Strike=1, Dip=78, Slip=104.
01	12	42	56.6&	8.324	N	83.112	W	0				7	COSTA RICA. <UPA>. MD 3.7 (UPA).
01	13	00	53.1&	38.809	N	26.996	E	10	G			5	AEGEAN SEA. <ISK>. MD 2.9 (ISK).
01	13	39	36.5*	39.919	N	42.168	E	10	G	4.3	1.2	19	TURKEY. MD 4.1 (ISK).
01	14	32	51.8&	37.380	N	3.580	W	0	G			15	SPAIN. <MDD>. mbLg 2.4 (MDD).
01	15	05	53.5&	39.113	N	27.694	E	10	G			4	TURKEY. <ISK>. MD 2.6 (ISK).
01	15	14	33.8	44.034	N	39.319	E	33	N	4.1	1.1	40	NORTHWESTERN CAUCASUS. Felt (IV) at Dagomys, Lazarevskoye and Sochi, Russia.
01	15	21	14.0&	40.365	N	28.330	E	10	G			5	TURKEY. <ISK>. MD 2.8 (ISK).
01	15	42	17.6?	2.67	S	121.20	E	33	N	3.0	1.3	7	SULAWESI, INDONESIA
01	15	50	06.0*	46.191	N	16.305	E	5	G		0.9	9	NORTHWESTERN BALKAN REGION. ML 2.8 (VIE).
01	16	03	10.7*	4.660	S	153.952	E	200	G	4.6	0.8	23	NEW IRELAND REGION, P.N.G.
01	16	13	17.6&	37.814	N	26.584	E	8				13	DODECANESE ISLANDS. <ISK>. MD 3.7 (ISK).
01	16	29	17.5&	37.390	N	3.550	W	0	G			9	SPAIN. <MDD>. mbLg 2.1 (MDD).
01	16	43	51.1&	36.129	N	120.217	W	8				11	CENTRAL CALIFORNIA. <GM-P>. MD 3.0 (GM). ML 3.1 (BRK).
01	16	44	53.6	31.717	N	142.287	E	33	N	3.7	0.7	18	SOUTH OF HONSHU, JAPAN
01	17	18	17.9	1.136	N	28.489	W	10	G	5.0 5.1	0.9	97	CENTRAL MID-ATLANTIC RIDGE. Mw 5.5 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 17:18:21.3; Lat 0.94 N; Lon 28.49 W; Dep 15.0 Fix; Half-duration 1.4 sec; Principal axes (scale 10**17 Nm): (T) Val=1.97, Plg=13, Azm=39; (N) Val=-0.11, Plg=77, Azm=230; (P) Val=-1.86, Plg=2, Azm=130; Best double couple: Mo=1.9*10**17 Nm; NP1: Strike=175, Dip=79, Slip=8; NP2: Strike=84, Dip=82, Slip=169.
01	18	12	41.2&	45.300	N	6.500	E	2				4	FRANCE. <LDG>. ML 1.5 (LDG).
01	18	16	37.8*	27.606	S	177.745	W	126	D	4.4	1.2	31	KERMADEC ISLANDS REGION
01	19	36	40.4&	35.343	S	71.016	W	106				12	CENTRAL CHILE. <GUC>. MD 3.2 (GUC).
01	20	08	46.5&	37.010	N	2.920	W	0	G			8	SPAIN. <MDD>. mbLg 1.6 (MDD).
01	20	15	25.0*	48.105	N	154.587	E	33	N	4.2	0.6	8	KURIL ISLANDS
01	21	02	37.8&	34.352	N	118.668	W	14				26	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.8 (PAS). Felt at Newbury Park, Simi Valley, Valencia and as far as parts of Los Angeles.
01	21	16	52.6&	19.090	N	66.490	W	40				4	PUERTO RICO REGION. <MPR>. MD 2.9 (MPR).
01	21	45	54.0?	31.26	S	68.51	W	100	G		0.9	13	SAN JUAN PROVINCE, ARGENTINA. MD 3.3 (GUC).
01	22	20	22.1&	47.800	N	7.200	E	2				20	SWITZERLAND. <LDG>. ML 2.1 (LDG).
01	23	01	19.0*	37.329	N	71.713	E	131	?	4.3	0.9	16	AFGHANISTAN-TAJIKISTAN BORD REG.
01	23	20	49.9*	32.571	N	137.797	E	361		4.3	0.9	33	SOUTH OF HONSHU, JAPAN
01	23	35	55.4&	31.024	S	71.281	W	13				15	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.4 (GUC).
01	23	45	13.7&	44.315	N	7.199	E	2				36	NORTHERN ITALY. <GEN>. ML 2.8 (GEN), 2.3 (STR), 2.3 (LDG).
01	23	48	44.5	7.023	N	93.921	E	33	N	4.5	0.9	33	NICOBAR ISLANDS, INDIA
02	00	05	53.9	21.739	N	121.204	E	33	N	4.5	0.7	23	TAIWAN REGION
02	00	17	11.2&	35.780	N	4.480	W	0				9	STRAIT OF GIBRALTAR. <MDD>. mbLg 1.9 (MDD).
02	00	27	03.1&	62.809	N	150.940	W	95				9	CENTRAL ALASKA. <AEIC>.
02	00	31	33.9	4.561	N	126.226	E	94	*	4.9	1.0	73	TALAUD ISLANDS, INDONESIA. Mw 5.3 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 00:31:36.9; Lat 4.86 N; Lon 126.60 E; Dep 58.4; Half-duration 1.0 sec; Principal axes (scale 10**17 Nm): (T) Val=1.06, Plg=79, Azm=301; (N) Val=0.03, Plg=3, Azm=197; (P) Val=-1.09, Plg=11, Azm=106; Best double couple: Mo=1.1*10**17 Nm; NP1: Strike=193, Dip=34, Slip=85; NP2: Strike=19, Dip=56, Slip=93.
02	01	02	42.1&	60.992	N	147.484	W	22				52	SOUTHERN ALASKA. <AEIC>. ML 2.9 (AEIC).
02	01	26	23.8	17.356	N	95.207	W	33	N	4.1	1.4	34	OAXACA, MEXICO. MD 4.6 (UNM).
02	02	17	05.9&	33.776	S	71.767	W	30				13	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.5 (GUC).
02	02	24	46.6&	61.606	N	146.317	W	37				49	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
02	02	34	28.2?	5.76	S	148.82	E	141	*	4.4	0.8	9	NEW BRITAIN REGION, P.N.G.
02	02	35	09.1*	7.395	S	117.287	E	84	?	4.4	1.3	14	BALI SEA
02	03	36	19.1	17.473	N	96.621	W	74		3.9	1.2	37	OAXACA, MEXICO. MD 4.4 (UNM).
02	03	46	25.6*	12.871	S	77.306	W	33	N	3.5	1.1	5	NEAR COAST OF PERU
02	03	49	29.9*	31.058	N	67.766	E	33	N	3.8	0.5	7	AFGHANISTAN
02	03	57	01.9*	16.013	N	99.121	W	10	G	4.0	1.2	36	NEAR COAST OF GUERRERO, MEXICO. MD 4.4 (UNM).
02	05	06	10.3&	34.038	N	119.023	W	14				2	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
02	05	19	25.4*	9.813	S	162.304	E	33	N	4.5	0.8	18	SOLOMON ISLANDS
02	05	21	50.2&	64.216	N	149.962	W	27				59	CENTRAL ALASKA. <AEIC>. ML 3.6 (AEIC), 3.7 (PMR).
02	05	31	21.5?	22.53	N	44.90	W	10	G	4.1 3.9	1.0	8	NORTHERN MID-ATLANTIC RIDGE
02	05	37	06.6*	11.101	S	165.372	E	200	G	4.1	1.3	11	SANTA CRUZ ISLANDS
02	05	37	40.8	24.630	N	122.453	E	115	D	4.8	1.1	114	TAIWAN REGION. Felt in much of eastern Taiwan. Also felt (II JMA) on Iriomote-shima and (I JMA) on Ishigaki-shima, Ryukyu Islands.
02	06	19	13.1?	5.61	S	147.42	E	183	*	4.2	0.9	9	EASTERN NEW GUINEA REG., P.N.G.
02	07	34	31.6*	28.748	N	139.618	E	420	*	4.0	1.1	26	BONIN ISLANDS REGION
02	07	38	35.8&	32.276	S	71.891	W	8				8	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.5 (GUC).
02	07	40	24.9&	59.574	N	153.420	W	122				39	SOUTHERN ALASKA. <AEIC>.
02	08	15	31.8&	39.267	N	27.591	E	10	G			4	TURKEY. <ISK>. MD 2.8 (ISK).
02	08	31	56.9*	43.669	N	144.452	E	100	G	4.1	1.0	16	HOKKAIDO, JAPAN REGION
02	08	36	50.1	24.932	N	95.311	E	122	D	5.1	0.8	288	MYANMAR. Mw 5.5 (HRV). Felt at Chittagong, Dhaka and in northeastern Sylhet, Bangladesh. Centroid, Moment Tensor (HRV): Centroid origin time 08:36:54.6; Lat 24.84 N; Lon 95.09 E; Dep 127.4; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=2.19, Plg=32, Azm=92; (N) Val=-0.46, Plg=58, Azm=271; (P) Val=-1.73, Plg=0, Azm=2; Best double couple: Mo=2.0*10**17 Nm; NP1: Strike=132, Dip=68, Slip=156; NP2: Strike=232, Dip=68, Slip=24.
02	08	42	36.1&	54.110	N	164.070	W	1				10	UNIMAK ISLAND REGION. <AEIC>. ML 3.1 (AEIC).
02	09	03	31.9*	8.990	S	158.804	E	500	G	4.6	0.9	29	SOLOMON ISLANDS
02	09	18	53.3*	19.374	S	177.620	W	500	G	4.0	1.0	15	FIJI ISLANDS REGION
02	09	26	48.4	44.495	N	114.795	W	5	G		0.9	27	WESTERN IDAHO. ML 3.2 (GS), 3.5 (BUT).
02	10	47	21.0&	39.585	N	29.476	E	12				4	TURKEY. <ISK>. MD 2.6 (ISK).
02	11	00	39.3&	44.900	N	6.300	E	2				7	FRANCE. <LDG>. ML 2.0 (LDG).

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02  11 13 13.1& 44.900 N    6.300 E    2                          6  FRANCE. <LDG>. ML 1.8 (LDG).
02  11 42 15.5* 22.194 S   67.114 W  184 *  4.3      1.0      12  CHILE-BOLIVIA BORDER REGION
02  12 16 44.3& 16.991 N   96.782 W   65                          8  OAXACA, MEXICO. <UNM>. MD 3.8 (UNM).
02  13 22 39.4  16.144 N   99.094 W   10 G  3.9      1.0      36  NEAR COAST OF GUERRERO, MEXICO. MD 4.3 (UNM).
02  13 55 35.6& 31.133 S   71.516 W   26                         10  NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.9 (GUC).
02  14 53 03.1*  8.447 S  122.855 E  130 ?  4.3      1.0      14  FLORES REGION, INDONESIA
02  15 02 13.2* 14.485 S   76.668 W   33 N  4.3      1.2      16  NEAR COAST OF PERU
02  15 10 08.1? 19.76  S  173.57  E   33 N  4.3      0.7       7  VANUATU ISLANDS REGION
02  15 21 31.0?  7.03  N   73.53  W  150 G  4.1      1.5      12  NORTHERN COLOMBIA
02  15 43 36.7* 48.888 S  121.448 E   10 G               0.9       8  SOUTH OF AUSTRALIA
02  16 42 36.0   5.731 S  148.959 E  129 D  4.9      0.8      57  NEW BRITAIN REGION, P.N.G.
02  17 13 21.0& 45.800 N    6.100 E    2                         10  FRANCE. <LDG>. ML 2.0 (LDG).
02  17 39 16.6& 37.400 N    3.580 W    0 G                       10  SPAIN. <MDD>. mbLg 2.0 (MDD).
02  18 19 26.6& 37.770 N    1.020 W    0 G                        8  SPAIN. <MDD>. mbLg 2.3 (MDD).
02  18 47 31.7   5.383 N  125.858 E   90 D  4.4      1.0      34  MINDANAO, PHILIPPINE ISLANDS
02  18 54 52.2* 31.496 S   69.879 W  150 G               0.4      14  SAN JUAN PROVINCE, ARGENTINA. MD 3.6 (GUC).
02  19 09 48.9& 43.100 N    0.400 W    2                          6  PYRENEES. <LDG>. ML 2.1 (LDG).
02  19 14 00.1*  0.871 N   29.169 W   10 G  4.5      0.6      10  CENTRAL MID-ATLANTIC RIDGE
02  19 18 03.2*  0.903 N   29.177 W   10 G  4.8 4.2  1.0      25  CENTRAL MID-ATLANTIC RIDGE
02  19 30 21.6*  8.656 S  123.097 E  120 *  4.4      1.2      25  FLORES REGION, INDONESIA
02  19 54 07.2   5.921 N  125.840 E  151    4.7      0.9      65  MINDANAO, PHILIPPINE ISLANDS
02  19 59 15.1? 20.68  S  179.03  W  500 G  3.8      1.0       8  FIJI ISLANDS REGION
02  20 19 27.5* 21.903 S  176.931 W  300 G  4.0      0.7      17  FIJI ISLANDS REGION
02  20 29 25.4& 41.336 N   19.565 E   10                        11  ALBANIA. <PDG>. ML 2.6 (PDG).
02  21 07 33.3& 41.340 N   19.549 E   12                        11  ALBANIA. <PDG>. ML 2.4 (PDG).
02  21 59 32.4& 66.816 N  147.061 W   40                        10  NORTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
02  22 06 11.7* 72.911 N    4.639 E   10 G  4.2      1.4      13  NORWEGIAN SEA
02  22 20 12.6& 38.115 N   30.011 E   10 G                       4  TURKEY. <ISK>. MD 2.8 (ISK).
02  22 57 04.6? 13.22  S  167.16  E   33 N  3.8      0.6      14  VANUATU ISLANDS
02  23 15 26.5& 37.020 N   29.670 E   10 G                       4  TURKEY. <ISK>. MD 3.0 (ISK).
02  23 28 15.3  11.600 S  118.093 E   33 N               0.5       7  SOUTH OF SUMBAWA, INDONESIA
02  23 49 12.0  23.549 S   66.712 W  200 *  4.3      0.9      24  JUJUY PROVINCE, ARGENTINA
03  00 13 45.2   4.830 S  143.984 E  103    4.7      0.8      93  NEW GUINEA, PAPUA NEW GUINEA
03  00 16 25.2& 32.879 S   71.339 W   47                        12  NEAR COAST OF CENTRAL CHILE. <GUC>. MD 2.8 (GUC).
03  00 56 44.0& 15.384 N   61.257 W  132                         8  LEEWARD ISLANDS. <FDF>. MG 2.9 (FDF).
03  01 28 45.7& 38.040 N    3.240 W   14                         5  SPAIN. <MDD>. mbLg 1.3 (MDD).
03  01 40 48.6* 25.663 N  126.170 E   33 N  4.3      1.3       9  RYUKYU ISLANDS
03  01 49 18.7& 40.907 S  174.771 E   44 *               0.3      13  COOK STRAIT, NEW ZEALAND
03  01 52 22.2* 25.788 N  125.605 E   33 N  4.5      1.3       8  SOUTHWESTERN RYUKYU ISLANDS
03  01 59 28.1* 34.881 N  139.359 E   33 N  3.8      1.0      14  NEAR S. COAST OF HONSHU, JAPAN. Felt at Ito.
03  02 09 07.9  34.870 N  138.982 E   34 *  5.1 5.3  1.2     171  NEAR S. COAST OF HONSHU, JAPAN. Mw 5.6 (HRV). Felt (IV JMA)
                                                                  on O-shima; (III JMA) on Nii-jima and in southern Chiba,
                                                                  eastern Kanagawa and eastern Shizuoka Prefectures; (II JMA)
                                                                  on Miyake-jima and in parts of Chiba, Nagano, Saitama,
                                                                  Shizuoka and Yamanashi Prefectures. Also felt (II JMA) in
                                                                  the Tokyo area.
                                                                  Centroid, Moment Tensor (HRV): Centroid origin time
                                                                  02:09:08.5; Lat 34.74 N; Lon 139.26 E; Dep 33.7; Half-
                                                                  duration 1.4 sec; Principal axes (scale 10**17 Nm): (T)
                                                                  Val=2.45, Plg=12, Azm=29; (N) Val=0.24, Plg=78, Azm=213;
                                                                  (P) Val=-2.68, Plg=1, Azm=119; Best double couple:
                                                                  Mo=2.6*10**17 Nm; NP1: Strike=164, Dip=81, Slip=8; NP2:
                                                                  Strike=73, Dip=82, Slip=171.
03  02 12 46.9& 56.060 N    6.040 W   15                        43  UNITED KINGDOM. <BGS>. ML 3.5 (BGS). Felt (V) in western
                                                                  Scotland.
03  02 19 47.7   2.066 N  127.911 E   33 N  4.6      1.2      22  NORTHERN MOLUCCA SEA
03  03 10 44.8*  3.158 S  141.318 E   33 N  4.0      0.9       8  NEW GUINEA, PAPUA NEW GUINEA
03  03 27 49.4*  2.808 S  141.992 E   33 N  4.2      1.0       9  NEAR N COAST OF NEW GUINEA, PNG.
03  03 42 45.1*  6.441 N   95.137 E  219 *  4.2      1.2      12  NICOBAR ISLANDS, INDIA
03  03 45 17.2*  6.064 S  154.029 E   33 N  3.5      0.6       5  SOLOMON ISLANDS
03  03 57 45.5  15.203 S  178.906 W  400 G  4.3      1.1      79  FIJI ISLANDS REGION
03  04 45 10.3& 44.900 N    6.700 E    2                          4  FRANCE. <LDG>.
03  05 27 09.2& 19.160 N   68.190 W   29                         8  NORTH ATLANTIC OCEAN. <MPR>. MD 3.3 (MPR).
03  06 00 39.7? 31.93  S   68.66  W  100 G               1.2      14  SAN JUAN PROVINCE, ARGENTINA
03  06 07 21.3*  0.028 N  123.339 E  157 *  4.0      1.4      11  MINAHASSA PENINSULA, SULAWESI
03  06 12 07.8? 14.65  S   76.53  W   33 N               1.1       7  NEAR COAST OF PERU
03  06 44 12.9*  4.053 S  128.275 E   33 N  3.4      0.9       7  BANDA SEA
03  06 51 22.2* 19.118 S   70.185 W   80 *  4.6      1.1      27  NEAR COAST OF NORTHERN CHILE. Felt (III) at Arica.
03  07 17 53.3*  2.125 N  128.104 E   33 N  4.4      1.0      11  HALMAHERA, INDONESIA
03  07 18 23.0& 34.704 S   70.719 W  110                        10  CHILE-ARGENTINA BORDER REGION. <GUC>.
03  07 28 11.3& 42.500 N    1.800 E    2                         5  PYRENEES. <LDG>. ML 2.2 (LDG).
03  07 34 35.7& 44.815 N    8.231 E   15                        22  NORTHERN ITALY. <GEN>. ML 2.5 (STR), 2.4 (GEN), 2.3 (LDG).
03  08 13 30.1  13.771 N  144.677 E  100 G  4.5      0.9      29  MARIANA ISLANDS
03  08 22 05.3& 63.341 N  151.439 W    0    2.4               6  CENTRAL ALASKA. <AEIC>. ML 2.4 (AEIC).
03  08 23 34.3& 31.905 N  115.728 W    6 G                      23  BAJA CALIFORNIA, MEXICO. <PAS-P>. ML 3.7 (PAS). MD 3.6 (ECX).
03  08 38 23.2& 59.733 N  153.513 W  120                        12  SOUTHERN ALASKA. <AEIC>.
03  08 52 30.8* 14.249 N   91.824 W   56 *  4.0      1.4      19  GUATEMALA. MD 4.6 (UNM).
03  08 54 16.4* 17.760 S  177.186 W  100 G  3.4      0.4      10  FIJI ISLANDS REGION
03  09 18 43.0? 13.77  N   91.42  W   33 N  3.5      1.5      10  NEAR COAST OF GUATEMALA. MD 4.1 (UNM).
03  09 33 44.3  11.335 S  118.460 E   33 N  4.6      1.4      24  SOUTH OF SUMBAWA, INDONESIA
03  10 19 39.4& 42.861 N   18.675 E   17                        10  NORTHWESTERN BALKAN REGION. <PDG>. ML 2.4 (PDG).
03  10 33 03.7& 39.621 N   29.368 E   10 G                       5  TURKEY. <ISK>. MD 2.6 (ISK).
03  10 49 37.7* 38.735 N  142.160 E   33 N               0.9       7  NEAR EAST COAST OF HONSHU, JAPAN. Felt (I JMA) in southern
                                                                  Iwate and northern Miyagi Prefectures.
03  11 08 46.0  46.241 N   13.802 E   10 G               1.3       8  AUSTRIA. ML 2.2 (VIE).
03  11 08 56.9& 31.656 S   70.104 W  152                        11  CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.3 (GUC).
03  11 15 31.3& 45.900 N    1.400 W    2                         6  FRANCE. <LDG>. ML 2.4 (LDG).
03  11 33 02.3& 19.319 N  155.310 W   30    3.8               17  HAWAII. <HVO-P>. MD 3.9 (HVO). Felt at Hawaiian Ocean View
                                                                  Estates and Mountain View.
03  12 43 16.2& 36.590 N    6.910 W    7                         6  STRAIT OF GIBRALTAR. <MDD>. mbLg 2.5 (MDD).
03  14 09 37.7& 34.365 S   70.217 W   10                        10  CHILE-ARGENTINA BORDER REGION. <GUC>.
03  14 48 11.7  20.362 S  175.887 W  216 D  4.9      1.0      71  TONGA ISLANDS
03  14 59 40.2  14.996 N   60.679 W   72    4.6      0.7      64  WINDWARD ISLANDS
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03	15	12	54.6	6.784	S	146.733	E	124		4.2	0.7	21	EASTERN NEW GUINEA REG., P.N.G.
03	15	31	02.1?	47.01	N	8.80	E	5	G		0.8	6	SWITZERLAND. ML 2.3 (LDG).
03	15	45	39.9&	33.173	S	70.962	W	68				13	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.5 (GUC).
03	16	09	58.4	6.181	S	146.624	E	117		4.6	1.0	42	EASTERN NEW GUINEA REG., P.N.G.
03	16	53	20.4*	1.691	N	127.348	E	100	G	3.9	0.7	6	HALMAHERA, INDONESIA
03	16	59	35.3?	17.62	S	167.27	E	200	G	4.1	0.8	12	VANUATU ISLANDS
03	17	40	41.8	34.355	N	136.250	E	371		4.5	0.9	93	WESTERN HONSHU, JAPAN
03	18	25	46.1*	48.864	N	151.138	E	313	*	4.2	1.0	20	KURIL ISLANDS
03	18	32	06.3*	44.535	N	140.263	E	263	*	4.1	0.8	9	EASTERN SEA OF JAPAN
03	18	33	11.9&	32.088	S	71.840	W	16				17	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.3 (GUC).
03	18	36	37.8?	53.03	N	35.34	W	10	G	3.2	1.1	8	NORTH ATLANTIC OCEAN
03	19	47	11.1&	31.320	S	69.392	W	208				14	SAN JUAN PROVINCE, ARGENTINA. <GUC>. MD 3.8 (GUC).
03	20	19	37.8*	57.484	N	142.949	W	10	G		0.9	19	GULF OF ALASKA. ML 2.7 (AEIC).
03	20	33	02.6&	34.675	S	70.218	W	1				12	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.5 (GUC).
03	20	40	11.0&	32.167	S	69.860	W	145				13	MENDOZA PROVINCE, ARGENTINA. <GUC>. MD 3.4 (GUC).
03	21	08	09.8*	52.805	N	29.758	W	10	G	4.0	0.9	8	NORTHERN MID-ATLANTIC RIDGE
03	21	17	21.5*	75.072	N	8.974	E	10	G	4.3	1.2	11	GREENLAND SEA
03	21	43	59.0*	34.900	N	139.325	E	33	N		1.1	7	NEAR S. COAST OF HONSHU, JAPAN
03	21	46	00.2&	15.610	N	99.381	W	16				21	OFF COAST OF GUERRERO, MEXICO. <UNM>. MD 4.3 (UNM).
03	21	57	43.6	3.294	S	139.847	E	33	N	4.6	0.5	12	IRIAN JAYA, INDONESIA
03	22	42	33.0	33.255	S	71.610	W	48	D	4.9	1.1	73	NEAR COAST OF CENTRAL CHILE. MD 5.0 (GUC). Felt (V) at Quilpue, Valparaiso, Villa Alemana and Vina del Mar; (IV) at La Ligua, San Antonio, San Felipe and Santiago; (II) at Rancagua.
03	22	44	03.1*	43.930	N	127.599	W	10	G	2.8	0.7	51	OFF COAST OF OREGON
03	22	50	38.1&	37.630	N	0.040	E	3				6	WESTERN MEDITERRANEAN SEA. <MDD>. mbLg 1.9 (MDD).
03	23	30	21.9	22.306	N	125.308	E	33	N	6.4 7.3	1.0	458	SOUTHEAST OF TAIWAN. Mw 7.5 (GS), 7.5 (HRV). Me 7.9 (GS). Ms 7.1 (BRK). Minor local tsunami generated with recorded wave heights of 4 cm on Miyako-shima and 3 cm on Ishigaki-shima and at Naha, Okinawa. Felt (III JMA) on Iriomote-shima, Ishigaki-shima, Miyako-shima and Yonaguni; (I JMA) on Amami O-shima, Kikai-shima, Okinawa and in the southern part of Kyushu. Also felt in parts of eastern Taiwan. Broadband Source Parameters (GS): Dep 20; NP1: Strike=48, Dip=85, Slip=-176; NP2: Strike=318, Dip=86, Slip=-5; Radiated energy 1.8*10**16 Nm. Complex earthquake with at least one larger event about 1 second after onset. Moment Tensor (GS): Dep 40; Principal axes (scale 10**20 Nm): (T) Val=1.86, Plg=2, Azm=4; (N) Val=0.12, Plg=88, Azm=138; (P) Val=-1.98, Plg=2, Azm=274; Best double couple: Mo=1.9*10**20 Nm; NP1: Strike=49, Dip=88, Slip=-180; NP2: Strike=319, Dip=90, Slip=-2. Centroid, Moment Tensor (HRV): Centroid origin time 23:30:37.7; Lat 22.37 N; Lon 125.53 E; Dep 22.9 Fix; Half-duration 14.1 sec; Principal axes (scale 10**20 Nm): (T) Val=1.84, Plg=6, Azm=4; (N) Val=-0.01, Plg=82, Azm=225; (P) Val=-1.83, Plg=5, Azm=94; Best double couple: Mo=1.8*10**20 Nm; NP1: Strike=139, Dip=82, Slip=1; NP2: Strike=49, Dip=89, Slip=172. Scalar Moment (PPT): Mo=2.4*10**20 Nm.
03	23	48	57.1&	30.795	S	70.619	W	4				9	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.8 (GUC).
03	23	49	04.4*	20.557	S	179.165	W	600	G	4.8	1.2	27	FIJI ISLANDS REGION
03	23	51	59.3&	48.800	N	1.400	W	2				8	FRANCE. <LDG>. ML 2.6 (LDG).
03	23	57	38.2*	22.405	N	125.333	E	33	N	4.8	1.2	11	SOUTHEAST OF TAIWAN
04	00	00	29.2	22.348	N	125.251	E	33	N	4.8	0.9	19	SOUTHEAST OF TAIWAN
04	00	02	57.4*	21.956	N	125.708	E	33	N	4.6	1.0	16	SOUTHEAST OF TAIWAN
04	00	19	53.3*	4.934	N	124.565	E	33	N	4.1	1.1	14	CELEBES SEA
04	00	24	51.5*	44.393	N	114.505	W	5	G		1.3	11	WESTERN IDAHO. ML 3.3 (BUT).
04	00	44	53.2*	13.815	S	75.913	W	119	*	3.9	1.3	10	CENTRAL PERU
04	00	45	19.6*	22.645	N	125.408	E	33	N		0.9	5	SOUTHEAST OF TAIWAN
04	00	47	34.9*	22.527	N	125.530	E	33	N		0.9	7	SOUTHEAST OF TAIWAN
04	01	02	46.7*	40.630	N	49.557	E	33	N	4.5	1.0	11	EASTERN CAUCASUS
04	01	08	30.8*	22.058	N	125.999	E	33	N		0.8	7	SOUTHEAST OF TAIWAN
04	01	23	06.3	22.404	N	125.799	E	33	N	4.3	1.1	19	SOUTHEAST OF TAIWAN
04	01	26	44.2&	47.600	N	7.400	E	2				5	SWITZERLAND. <LDG>. ML 2.0 (LDG).
04	02	47	05.7&	32.735	S	70.004	W	122				10	CHILE-ARGENTINA BORDER REGION. <GUC>.
04	02	51	06.6*	22.448	N	125.927	E	33	N	3.8	1.4	13	SOUTHEAST OF TAIWAN
04	03	16	52.1*	22.478	N	125.650	E	33	N	3.6	1.1	9	SOUTHEAST OF TAIWAN
04	03	23	36.6?	46.22	N	13.47	E	10	G		0.9	4	AUSTRIA. ML 2.1 (VIE).
04	03	28	35.5&	36.720	N	2.920	W	15				11	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.1 (MDD).
04	03	30	19.6*	46.691	S	10.652	W	10	G	5.0	1.0	22	SOUTHERN MID-ATLANTIC RIDGE
04	04	16	27.7&	44.500	N	7.300	E	2				20	NORTHERN ITALY. <LDG>. ML 2.2 (GEN), 2.1 (STR), 1.7 (LDG).
04	04	41	29.4	46.333	N	8.908	E	5	G		0.8	24	SWITZERLAND. ML 2.6 (STR), 2.4 (LDG).
04	05	23	31.8&	44.800	N	6.600	E	2				12	FRANCE. <LDG>. ML 2.0 (GEN), 1.9 (LDG).
04	05	38	17.9&	39.644	N	29.397	E	15				5	TURKEY. <ISK>. MD 2.6 (ISK).
04	05	43	18.8?	7.63	S	68.81	E	10	G	4.9	0.8	9	CHAGOS ARCHIPELAGO REGION
04	06	02	04.0?	23.78	N	122.53	E	33	N	3.6	1.2	6	TAIWAN REGION
04	06	11	43.7&	60.029	N	151.398	W	43				59	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.9 (AEIC).
04	06	29	06.6&	60.176	N	153.293	W	148				74	SOUTHERN ALASKA. <AEIC>.
04	06	54	18.6&	59.913	N	152.614	W	85				28	SOUTHERN ALASKA. <AEIC>.
04	06	56	14.7*	17.703	N	99.821	W	50	G	3.0	0.8	7	GUERRERO, MEXICO. MD 3.6 (UNM).
04	07	27	13.0&	63.576	N	150.591	W	14				26	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC), 2.8 (PMR).
04	07	38	18.1*	15.227	N	99.453	W	33	N		0.7	17	OFF COAST OF GUERRERO, MEXICO. MD 4.2 (UNM).
04	07	46	27.8	4.259	S	136.111	E	61	D	4.5	1.1	19	IRIAN JAYA REGION, INDONESIA
04	08	51	31.6*	22.095	N	125.848	E	33	N	4.4	0.4	11	SOUTHEAST OF TAIWAN
04	09	12	29.6*	18.207	N	147.236	E	100	G	3.9	1.4	17	MARIANA ISLANDS REGION
04	09	28	06.8&	63.232	N	150.532	W	130				51	CENTRAL ALASKA. <AEIC>.
04	09	28	25.6	41.257	N	146.676	E	33	D	5.1 4.6	0.8	149	OFF COAST OF HOKKAIDO, JAPAN
04	09	48	16.5*	16.356	S	173.589	W	33	N	4.6	0.9	29	TONGA ISLANDS
04	10	21	41.2&	39.268	N	29.149	E	6				5	TURKEY. <ISK>. MD 2.7 (ISK).
04	10	40	37.6	46.169	N	13.792	E	10	G		1.0	15	AUSTRIA. ML 3.0 (VIE).
04	10	51	50.2*	24.252	S	179.742	W	500	G	4.2	0.8	15	SOUTH OF FIJI ISLANDS
04	11	00	11.8	70.845	N	134.995	W	10	G	4.4	1.0	17	BEAUFORT SEA

04	11	18	32.0&	39.228	N	29.173	E	10	G				11	TURKEY. <ISK>. MD 3.4 (ISK).
04	11	25	11.3&	39.292	N	29.230	E	7					7	TURKEY. <ISK>. MD 3.0 (ISK).
04	12	03	38.0*	31.630	N	140.873	E	33	N	3.6		0.9	10	SOUTH OF HONSHU, JAPAN
04	12	07	44.8*	21.982	N	125.641	E	33	N	3.3		0.7	6	SOUTHEAST OF TAIWAN
04	12	54	41.8*	38.307	S	175.914	E	200	G			0.1	15	NORTH ISLAND, NEW ZEALAND
04	12	57	44.0&	37.660	N	2.870	W	0	G				9	SPAIN. <MDD>. mbLg 2.3 (MDD).
04	13	27	47.4&	18.300	N	67.150	W	12					5	MONA PASSAGE. <MPR>. MD 2.2 (MPR).
04	13	34	46.9*	18.534	S	168.990	E	200	G	3.8		0.6	13	VANUATU ISLANDS
04	14	19	47.1?	10.99	N	127.67	E	33	N	3.8		0.7	7	PHILIPPINE ISLANDS REGION
04	15	07	36.7	44.550	N	10.434	E	12				1.0	35	NORTHERN ITALY. ML 2.9 (LDG).
04	15	49	23.5?	46.19	N	13.53	E	10	G			0.4	4	AUSTRIA. ML 2.3 (VIE).
04	16	00	58.9	22.561	S	179.788	W	578	D	4.7		1.0	80	SOUTH OF FIJI ISLANDS
04	16	05	31.2	22.372	S	179.626	W	500	G	4.4		0.9	30	SOUTH OF FIJI ISLANDS
04	16	10	09.5	45.698	N	26.630	E	156		4.0		1.5	40	ROMANIA. Felt in eastern Romania.
04	16	15	49.3*	22.246	N	125.565	E	33	N	3.4		1.0	5	SOUTHEAST OF TAIWAN
04	16	45	57.1	35.994	N	27.976	E	73	*	3.9		0.6	30	DODECANESE ISLANDS. MD 3.5 (ISK).
04	18	05	47.9	33.537	S	178.169	W	33		5.0		1.2	49	SOUTH OF KERMADEC ISLANDS. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 18:05:49.9; Lat 33.28 S; Lon 177.78 W; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=6.92, Plg=6, Azm=277; (N) Val=-0.92, Plg=7, Azm=186; (P) Val=-6.00, Plg=81, Azm=46; Best double couple: Mo=6.5*10**16 Nm; NP1: Strike=15, Dip=40, Slip=-79; NP2: Strike=181, Dip=51, Slip=-99.
04	18	07	28.2&	45.600	N	3.600	E	2					25	FRANCE. <LDG>. ML 2.7 (LDG), 2.7 (STR).
04	18	10	35.2	0.088	S	18.020	W	10	G	4.5	3.9	1.0	36	CENTRAL MID-ATLANTIC RIDGE
04	18	14	27.8	46.236	N	13.670	E	5	G			1.0	8	AUSTRIA. ML 2.3 (VIE).
04	19	41	42.8*	37.294	N	20.888	E	46	*	3.6		1.2	27	IONIAN SEA
04	19	49	18.5&	39.273	N	29.249	E	5					5	TURKEY. <ISK>. MD 2.9 (ISK).
04	19	50	03.6	5.805	S	146.514	E	62		4.3		0.9	21	EASTERN NEW GUINEA REG., P.N.G.
04	20	14	53.0	46.155	N	13.765	E	10	G			0.6	5	AUSTRIA. ML 2.3 (VIE). MD 1.5 (LJU).
04	20	18	52.8?	29.34	N	96.76	E	33	N	4.6		0.8	5	EASTERN XIZANG-INDIA BORDER REG.
04	20	24	23.8&	62.878	N	150.767	W	104					67	CENTRAL ALASKA. <AEIC>.
04	20	45	25.9	51.552	N	7.036	E	10	G			1.1	26	GERMANY. ML 3.0 (LDG), 2.7 (STR), 2.3 (UCC).
04	20	56	16.3	22.122	N	126.038	E	33	N	3.8		0.7	14	PHILIPPINE SEA
04	21	24	28.1&	32.877	S	70.835	W	72					13	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.6 (GUC).
04	21	31	02.1&	43.968	N	8.031	E	6					9	CORSICA. <GEN>. ML 2.3 (GEN).
04	21	38	22.4?	22.63	N	123.89	E	33	N	3.6		1.3	5	SOUTHEAST OF TAIWAN
04	21	49	34.8	31.251	N	138.439	E	385		3.9		0.6	19	SOUTH OF HONSHU, JAPAN
04	22	21	23.7&	35.178	S	71.186	W	96					13	CENTRAL CHILE. <GUC>. MD 3.2 (GUC).
04	22	30	43.8?	36.37	N	71.32	E	259	?	3.5		0.8	11	AFGHANISTAN-TAJIKISTAN BORD REG.
04	22	37	06.8&	44.402	N	7.269	E	13					18	NORTHERN ITALY. <GEN>. ML 2.1 (GEN), 1.8 (LDG).
04	22	40	25.9*	17.244	S	72.700	W	33	N	3.9		1.0	7	NEAR COAST OF PERU. Felt (II) at Arequipa.
04	23	02	03.3&	38.777	N	27.630	E	8					9	TURKEY. <ISK>. MD 3.2 (ISK).
05	00	45	46.7&	17.800	N	68.510	W	87					9	MONA PASSAGE. <MPR>. MD 3.2 (MPR).
05	00	58	28.3&	14.763	N	92.507	W	101		3.9			13	NEAR COAST OF CHIAPAS, MEXICO. <UNM>. MD 4.5 (UNM).
05	01	36	23.4	22.586	N	125.578	E	33	N	4.2		1.0	21	SOUTHEAST OF TAIWAN
05	02	19	25.2&	58.843	N	153.889	W	87		2.9			13	KODIAK ISLAND REGION. <AEIC>.
05	02	38	24.5&	31.076	S	71.594	W	30					8	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.9 (GUC).
05	02	59	46.3	43.604	N	13.007	E	10	G			1.1	31	CENTRAL ITALY. ML 3.7 (VIE), 3.3 (LDG).
05	03	11	14.7	19.615	N	121.977	E	33	N	4.7	4.4	1.1	44	PHILIPPINE ISLANDS REGION
05	03	13	19.2&	59.658	N	152.314	W	65					11	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
05	03	25	15.9	19.694	N	122.123	E	33	N	4.4		1.2	32	PHILIPPINE ISLANDS REGION
05	03	29	54.1&	9.150	N	78.766	W	81					6	PANAMA. <UPA>. MD 3.8 (UPA).
05	04	58	10.3&	44.279	N	7.353	E	14					8	NORTHERN ITALY. <GEN>. ML 1.9 (GEN).
05	05	59	18.0&	59.987	N	153.525	W	150					14	SOUTHERN ALASKA. <AEIC>.
05	06	36	03.2&	17.154	N	95.027	W	9		3.6			14	OAXACA, MEXICO. <UNM>. MD 4.3 (UNM).
05	06	41	40.7	46.272	N	13.588	E	10	G			1.3	10	AUSTRIA. ML 2.4 (VIE), 1.9 (LJU).
05	06	52	37.4&	18.890	N	64.240	W	55					5	VIRGIN ISLANDS. <MPR>. MD 3.4 (MPR).
05	07	41	12.2*	22.109	N	125.974	E	33	N	4.5		1.4	28	SOUTHEAST OF TAIWAN
05	07	50	53.0*	42.251	N	0.243	E	10	G			0.6	12	PYRENEES. ML 2.8 (LDG), 2.2 (STR).
05	08	25	40.7*	34.796	N	139.068	E	33	N	3.6		1.0	11	NEAR S. COAST OF HONSHU, JAPAN
05	08	33	00.7	22.186	N	143.587	E	124	D	4.7		1.0	81	VOLCANO ISLANDS REGION
05	09	03	00.8&	40.448	N	29.240	E	11					6	TURKEY. <ISK>. MD 2.7 (ISK).
05	09	03	26.9*	43.684	N	140.400	E	227	*	3.9		1.0	15	HOKKAIDO, JAPAN REGION
05	09	08	19.2	11.828	N	143.290	E	33	N	4.5		1.2	39	SOUTH OF MARIANA ISLANDS
05	09	24	28.0?	16.15	S	174.00	W	143	?	3.2		0.4	8	TONGA ISLANDS
05	09	26	19.3*	34.876	N	137.772	E	33	N	3.6		0.6	8	NEAR S. COAST OF HONSHU, JAPAN
05	09	48	42.0	43.004	N	13.511	E	10	G			1.1	25	CENTRAL ITALY. ML 3.5 (LDG).
05	09	48	55.1&	39.294	N	29.180	E	7					7	TURKEY. <ISK>. MD 2.9 (ISK).
05	10	24	53.8&	16.018	N	98.047	W	0		3.7			21	NEAR COAST OF GUERRERO, MEXICO. <UNM>. MD 4.3 (UNM).
05	10	33	34.6*	10.243	S	109.714	E	47	D	3.3		0.9	8	SOUTH OF JAWA, INDONESIA
05	10	53	30.7?	43.97	N	146.13	E	33	N	4.4		1.2	12	KURIL ISLANDS
05	11	51	11.8	34.914	N	25.974	E	33	N	3.9		1.1	30	CRETE
05	13	14	42.4&	39.105	N	27.498	E	10	G				5	TURKEY. <ISK>. MD 2.7 (ISK).
05	13	41	34.1&	37.819	N	27.278	E	5					5	TURKEY. <ISK>. MD 3.2 (ISK).
05	14	22	19.1	4.681	S	128.145	E	33	N	4.8		0.7	20	BANDA SEA
05	14	38	11.5	34.985	N	25.802	E	33	N	4.6	4.5	1.3	180	CRETE. ML 4.5 (THE).
05	14	51	32.2&	39.630	N	29.395	E	6					5	TURKEY. <ISK>. MD 2.7 (ISK).
05	15	00	00.1	32.144	S	117.163	E	10	G			0.8	5	WESTERN AUSTRALIA
05	15	03	58.4	54.927	N	162.084	E	33	N	4.5		0.9	42	NEAR EAST COAST OF KAMCHATKA
05	15	14	41.9	34.838	N	25.848	E	33	N	4.6	4.0	1.3	149	CRETE
05	16	44	42.5	54.550	N	161.799	E	33	N	4.6		0.9	70	NEAR EAST COAST OF KAMCHATKA
05	16	56	17.6	30.910	N	142.163	E	33	N	4.0		0.8	18	SOUTH OF HONSHU, JAPAN
05	17	07	45.9&	44.330	N	7.276	E	12					4	NORTHERN ITALY. <GEN>. ML 1.3 (GEN).
05	17	21	44.7&	53.560	N	1.260	W	1					3	UNITED KINGDOM. <BGS>. ML 1.9 (BGS). Felt in the Doncaster area.
05	17	23	14.6&	44.331	N	7.281	E	14					4	NORTHERN ITALY. <GEN>. ML 1.4 (GEN).
05	17	39	29.0	34.927	N	25.896	E	33	N	4.0		1.4	60	CRETE
05	17	52	05.4&	39.050	N	8.490	W	0	G				7	PORTUGAL. <MDD>. mbLg 2.5 (MDD).
05	18	10	46.9	5.743	S	153.216	E	64	*	4.3		1.0	27	NEW IRELAND REGION, P.N.G.
05	18	17	32.0	5.749	S	153.344	E	68	*	4.4		1.2	25	NEW IRELAND REGION, P.N.G.
05	18	25	58.0&	34.901	S	71.162	W	95					12	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.3 (GUC).

05	18	31	55.1&	39.338	N	27.799	E	10	G			5	TURKEY. <ISK>. MD 2.7 (ISK).
05	18	53	51.9&	33.174	S	70.154	W	117				13	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.1 (GUC).
05	20	19	10.1*	51.421	N	16.128	E	10	G		0.8	8	POLAND. ML 3.0 (VIE), 2.8 (WAR).
05	20	40	23.9*	51.248	N	176.468	W	33	N	3.3	1.4	10	ANDREANOF ISLANDS, ALEUTIAN IS.
05	20	43	48.0&	40.699	N	29.815	E	10	G			6	TURKEY. <ISK>. MD 2.9 (ISK).
05	21	05	20.1*	22.500	N	126.244	E	33	N	3.5	1.4	11	PHILIPPINE SEA
05	21	52	00.3*	22.551	N	125.637	E	33	N	3.5	1.3	8	SOUTHEAST OF TAIWAN
05	21	57	32.4	46.229	N	13.575	E	10	G		1.3	13	AUSTRIA. ML 2.3 (VIE), 1.8 (LJU).
05	22	48	34.9	44.683	N	10.073	E	10	G		1.1	81	NORTHERN ITALY. ML 3.6 (STR), 3.4 (LDG).
05	22	58	04.0*	33.723	N	135.468	E	33	N	4.4	1.1	21	NEAR S. COAST OF WESTERN HONSHU
05	23	17	22.8&	44.405	N	9.745	E	10	G		0.6	9	NORTHERN ITALY. ML 2.2 (LDG).
05	23	26	25.0&	39.022	N	29.669	E	9				5	TURKEY. <ISK>. MD 3.0 (ISK).
05	23	38	34.4&	41.372	S	174.508	E	33	N		1.0	12	COOK STRAIT, NEW ZEALAND. ML 3.7 (WEL).
06	00	26	05.3	6.071	S	148.569	E	74		4.5	1.0	39	NEW BRITAIN REGION, P.N.G.
06	00	31	23.5	38.486	N	25.432	E	10	G	4.0	0.8	22	AEGEAN SEA. MD 3.8 (ISK).
06	00	33	24.4*	15.078	S	168.171	E	33	N	4.3	1.2	26	VANUATU ISLANDS
06	00	53	27.6	4.590	S	144.118	E	96	D	4.8	1.0	47	NEAR N COAST OF NEW GUINEA, PNG.
06	01	12	56.0*	27.573	N	128.680	E	107	*	3.8	1.5	14	RYUKYU ISLANDS
06	01	27	13.3	44.618	N	10.101	E	10	G		1.0	48	NORTHERN ITALY. ML 3.5 (VIE), 2.9 (LDG).
06	01	46	20.9	15.680	N	94.540	W	44		4.8	1.1	123	NEAR COAST OF OAXACA, MEXICO. MD 4.7 (UNM).
06	01	47	22.0&	37.030	N	4.330	W	37				19	SPAIN. <MDD>.
06	01	53	09.3	18.716	N	120.938	E	33	N	5.5 5.3	0.9	233	LUZON, PHILIPPINE ISLANDS. Mw 5.8 (GS), 5.8 (HRV). Moment Tensor (GS): Dep 24; Principal axes (scale 10**17 Nm): (T) Val=4.50, Plg=57, Azm=56; (N) Val=1.09, Plg=31, Azm=212; (P) Val=-5.59, Plg=11, Azm=309; Best double couple: Mo=5.0*10**17 Nm; NP1: Strike=71, Dip=43, Slip=138; NP2: Strike=194, Dip=63, Slip=55. Centroid, Moment Tensor (HRV): Centroid origin time 01:53:12.1; Lat 18.94 N; Lon 120.71 E; Dep 33.0; Half-duration 1.9 sec; Principal axes (scale 10**17 Nm): (T) Val=5.28, Plg=64, Azm=84; (N) Val=0.15, Plg=16, Azm=209; (P) Val=-5.43, Plg=20, Azm=305; Best double couple: Mo=5.3*10**17 Nm; NP1: Strike=61, Dip=28, Slip=125; NP2: Strike=202, Dip=67, Slip=73.
06	02	48	29.7?	52.35	N	175.32	W	100	G		0.6	5	ANDREANOF ISLANDS, ALEUTIAN IS.
06	02	52	59.9	46.236	N	13.708	E	10	G	4.6	1.2	205	AUSTRIA. ML 5.1 (GRF), 5.0 (PDG), 4.9 (VIE), 4.9 (CLL), 4.9 (FUR). Felt (V) in southern Karnten. Also felt (V) at Bovec and Kobarid, Slovenia. Felt throughout central and western Slovenia.
06	03	00	53.1	46.234	N	13.610	E	10	G		1.0	10	AUSTRIA. ML 2.7 (VIE).
06	03	37	34.1?	6.97	N	94.89	E	81	?	4.3	1.6	11	NICOBAR ISLANDS, INDIA
06	04	19	24.0&	40.250	N	7.640	W	2				14	PORTUGAL. <MDD>. mbLg 3.0 (MDD).
06	04	43	47.9&	53.836	N	166.022	W	83				6	FOX ISLANDS, ALEUTIAN ISLANDS. <AEIC>.
06	05	29	30.1*	34.152	S	136.820	E	10	G	3.7	1.4	6	NEAR SOUTH COAST OF AUSTRALIA
06	05	33	19.4*	26.027	N	128.739	E	33	N	4.0	0.9	11	RYUKYU ISLANDS
06	05	34	34.3*	46.178	N	13.568	E	10	G		1.2	8	AUSTRIA. ML 2.6 (VIE).
06	05	38	58.1?	41.67	N	126.38	W	10	G		0.3	7	OFF COAST OF NORTHERN CALIFORNIA
06	05	53	13.8&	37.819	N	30.586	E	10	G			4	TURKEY. <ISK>. MD 3.0 (ISK).
06	07	08	08.0&	40.424	N	28.654	E	8				9	TURKEY. <ISK>. MD 3.1 (ISK).
06	07	13	34.0&	39.017	N	29.690	E	8				7	TURKEY. <ISK>. MD 2.9 (ISK).
06	08	19	26.5&	37.548	N	118.871	W	8				15	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM). ML 3.0 (BRK).
06	08	22	45.8&	39.653	N	29.456	E	9				6	TURKEY. <ISK>. MD 2.7 (ISK).
06	08	37	32.3&	33.421	S	71.042	W	66				13	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 2.9 (GUC).
06	08	59	22.1&	39.192	N	27.825	E	10	G			5	TURKEY. <ISK>. MD 2.8 (ISK).
06	09	34	08.9&	39.550	N	29.851	E	10	G			4	TURKEY. <ISK>. MD 2.7 (ISK).
06	09	40	20.0*	2.103	N	126.640	E	33	N	4.6	1.0	22	NORTHERN MOLUCCA SEA
06	10	12	30.9	5.719	S	154.643	E	233	*	4.4	0.8	29	SOLOMON ISLANDS
06	10	49	55.1	5.901	S	147.216	E	86		4.5	1.0	38	EASTERN NEW GUINEA REG., P.N.G.
06	10	51	01.3&	36.340	S	72.029	W	107				15	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.0 (GUC).
06	11	19	11.8	34.112	N	135.290	E	33	N	3.4	0.6	10	NEAR S. COAST OF WESTERN HONSHU. Felt (II JMA) in northern Wakayama Prefecture.
06	11	23	14.8	6.747	N	73.040	W	164	D	4.7	0.9	93	NORTHERN COLOMBIA
06	12	02	25.1	44.162	N	6.038	E	10	G		0.9	50	FRANCE. ML 3.2 (STR), 3.2 (LDG).
06	12	33	21.4&	63.257	N	151.003	W	7				32	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC).
06	12	46	51.7*	20.710	S	178.986	W	600	G	3.3	0.9	11	FIJI ISLANDS REGION
06	13	09	20.6&	39.299	N	29.196	E	7				8	TURKEY. <ISK>. MD 2.9 (ISK).
06	13	11	33.5&	18.590	N	66.060	W	74				4	PUERTO RICO REGION. <MPR>. MD 2.7 (MPR).
06	14	34	23.9	25.283	S	179.639	E	519	D	4.8	0.9	89	SOUTH OF FIJI ISLANDS
06	14	38	58.1&	39.663	N	29.390	E	10	G			5	TURKEY. <ISK>. MD 2.7 (ISK).
06	14	47	21.7*	30.877	N	141.757	E	33	N	3.7	0.9	10	SOUTH OF HONSHU, JAPAN
06	14	57	06.0&	47.540	N	8.090	E	14				8	SWITZERLAND. <FBB>. ML 2.4 (LDG), 1.8 (FBB).
06	15	18	59.5&	46.026	N	15.001	E	10	G		0.4	6	NORTHWESTERN BALKAN REGION. ML 1.7 (LJU).
06	15	40	45.7*	24.526	N	97.603	E	33	N	3.8	1.3	16	MYANMAR-CHINA BORDER REGION
06	15	53	47.6*	5.922	S	150.964	E	62	*	4.3	0.8	8	NEW BRITAIN REGION, P.N.G.
06	16	04	32.9*	31.292	N	133.457	E	33	N		0.9	9	SOUTHEAST OF SHIKOKU, JAPAN
06	16	59	14.3&	38.883	N	25.991	E	13				6	AEGEAN SEA. <ISK>. MD 3.3 (ISK).
06	17	58	51.3	45.027	N	9.122	E	10	G		1.0	39	NORTHERN ITALY. ML 3.0 (GEN), 3.0 (LDG).
06	18	13	00.0*	0.106	S	125.344	E	33	N	4.0	1.4	11	SOUTHERN MOLUCCA SEA
06	19	17	41.9*	62.061	N	124.149	W	10	G		1.1	5	NORTHWEST TERRITORIES, CANADA
06	19	39	33.1&	17.672	N	102.051	W	9				8	NEAR COAST OF MICHCACAN, MEXICO. <UNM>. MD 4.0 (UNM).
06	19	54	21.3?	22.32	S	179.68	W	550	G	4.4	1.0	17	SOUTH OF FIJI ISLANDS
06	19	56	13.7	17.791	N	94.343	E	33	N	4.9	0.8	119	MYANMAR
06	20	14	47.0	43.872	N	147.968	E	77	D	4.9	0.9	124	KURIL ISLANDS
06	20	57	13.8&	39.795	N	26.517	E	7				9	TURKEY. <ISK>. MD 3.3 (ISK).
06	22	04	32.1&	18.360	N	68.000	W	88				6	MONA PASSAGE. <MPR>. MD 3.0 (MPR).
06	22	14	02.5	10.661	S	77.288	W	90	D	4.4	0.8	37	NEAR COAST OF PERU
06	23	17	35.7*	8.452	S	108.010	E	33	N	4.5	1.3	13	JAWA, INDONESIA
06	23	20	33.2*	43.297	N	12.641	E	10	G		0.7	13	CENTRAL ITALY. ML 2.6 (LDG).
06	23	54	53.5&	33.825	S	71.588	W	45				11	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.7 (GUC).
06	23	55	09.5&	7.266	N	80.999	W	5				7	PANAMA. <UPA>. MD 3.9 (UPA).
07	00	40	33.2&	33.676	S	70.139	W	11				11	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.9 (GUC).
07	01	34	38.5?	14.07	N	91.00	W	33	N	3.4	1.1	9	GUATEMALA

07	01	42	09.9&	19.640	N	68.670	W	90				9	NORTH ATLANTIC OCEAN. <MPR>. MD 3.7 (MPR).
07	02	03	37.3&	35.668	S	71.417	W	109				8	CENTRAL CHILE. <GUC>. MD 3.3 (GUC).
07	02	06	54.1*	1.940	S	12.856	W	10	G	4.4	0.9	12	NORTH OF ASCENSION ISLAND
07	02	18	29.6	1.778	S	12.945	W	10	G	5.0 4.0	0.9	79	NORTH OF ASCENSION ISLAND
07	02	25	08.3?	1.49	S	12.56	W	10	G	3.7	0.6	5	NORTH OF ASCENSION ISLAND
07	02	35	47.2?	20.58	S	178.99	W	550	G	3.8	0.5	11	FIJI ISLANDS REGION
07	03	09	21.8?	0.94	N	30.44	W	10	G	3.9	1.4	11	CENTRAL MID-ATLANTIC RIDGE
07	03	35	24.6*	51.143	N	15.835	E	5	G		0.6	7	POLAND. ML 3.0 (VIE), 2.5 (WAR).
07	04	14	29.0&	19.090	N	64.500	W	55				4	VIRGIN ISLANDS. <MPR>. MD 3.4 (MPR).
07	06	20	45.5&	19.466	N	103.661	W	0				9	JALISCO, MEXICO. <UNM>. MD 4.1 (UNM).
07	06	35	43.1&	46.000	N	2.500	E	2				10	FRANCE. <LDG>. ML 2.5 (LDG).
07	07	17	16.0&	16.405	N	98.515	W	19				21	NEAR COAST OF GUERRERO, MEXICO. <UNM>. MD 4.3 (UNM).
07	07	30	19.8&	39.677	N	29.475	E	7				5	TURKEY. <ISK>. MD 2.6 (ISK).
07	07	39	07.4&	36.470	N	6.330	W	7				9	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.4 (MDD).
07	08	03	54.8&	42.500	N	19.200	E	12				5	NORTHWESTERN BALKAN REGION. <PDG>. ML 1.3 (PDG).
07	08	20	44.0&	39.615	N	29.600	E	10	G			4	TURKEY. <ISK>. MD 2.6 (ISK).
07	09	12	37.4*	56.078	N	157.417	W	33	N	2.8	1.1	7	ALASKA PENINSULA
07	09	19	12.9	6.349	S	147.521	E	84		4.8	0.9	42	EASTERN NEW GUINEA REG., P.N.G.
07	09	36	40.7&	40.780	N	20.680	E	7		3.7		61	GREECE-ALBANIA BORDER REGION. <SKO>. ML 4.0 (PDG), 3.7 (ROM).
07	10	20	11.0	22.363	N	125.301	E	33	N	4.0	0.6	11	SOUTHEAST OF TAIWAN
07	11	55	36.7&	45.563	N	26.608	E	130	G		0.6	7	ROMANIA
07	12	03	22.7&	31.739	S	69.715	W	175				11	SAN JUAN PROVINCE, ARGENTINA. <GUC>. MD 3.3 (GUC).
07	12	12	37.3&	42.494	N	19.218	E	16				6	NORTHWESTERN BALKAN REGION. <PDG>. ML 2.1 (PDG).
07	12	24	41.4&	32.370	N	88.110	W	10				4	MISSISSIPPI. <TVA>. MD 2.8 (TVA). mbLg 2.7 (GS).
07	12	55	57.0&	7.036	N	82.653	W	39				9	SOUTH OF PANAMA. <UPA>. MD 4.0 (UPA).
07	13	45	24.1*	2.379	S	140.288	E	33	N	3.4	0.9	9	NEAR NORTH COAST OF IRIAN JAYA
07	13	53	51.0	12.239	N	123.435	E	33	N	4.9	1.4	64	LUZON, PHILIPPINE ISLANDS. Mw 5.1 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 13:53:50.2; Lat 12.63 N; Lon 123.64 E; Dep 23.7; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=5.21, Plg=18, Azm=339; (N) Val=0.42, Plg=39, Azm=84; (P) Val=-5.64, Plg=45, Azm=229; Best double couple: Mo=5.4*10**16 Nm; NP1: Strike=26, Dip=43, Slip=-156; NP2: Strike=278, Dip=74, Slip=-49.
07	14	00	08.0*	7.537	S	73.667	W	33	N	3.6	0.8	8	PERU-BRAZIL BORDER REGION
07	14	03	33.2&	45.000	N	3.700	E	2				6	FRANCE. <LDG>. ML 2.5 (LDG).
07	14	09	17.8*	32.232	N	103.774	E	33	N	3.8	1.1	13	SICHUAN, CHINA
07	14	58	21.3&	7.344	N	80.945	W	0				5	PANAMA. <UPA>. MD 3.8 (UPA).
07	15	08	42.0	22.432	N	125.385	E	33	N	4.7 4.7	1.3	58	SOUTHEAST OF TAIWAN. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 15:08:37.8; Lat 22.54 N; Lon 125.16 E; Dep 29.2; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=5.69, Plg=10, Azm=187; (N) Val=0.93, Plg=79, Azm=345; (P) Val=-6.62, Plg=4, Azm=96; Best double couple: Mo=6.2*10**16 Nm; NP1: Strike=231, Dip=80, Slip=176; NP2: Strike=322, Dip=86, Slip=10.
07	15	41	29.0	6.555	N	60.220	E	10	G	4.6	1.0	33	CARLSBERG RIDGE
07	16	12	10.9?	20.84	S	178.84	W	550	G	4.0	0.9	11	FIJI ISLANDS REGION
07	16	27	24.4&	32.244	S	71.631	W	29				12	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.7 (GUC).
07	17	16	43.6&	46.087	N	7.386	E	1				96	SWITZERLAND. <GEN>. ML 3.7 (GRF), 3.6 (LDG), 3.5 (STR), 3.2 (GEN), 3.2 (FBB).
07	17	41	19.2&	44.374	N	9.793	E	10	G		0.4	7	NORTHERN ITALY. ML 2.3 (LDG).
07	18	21	00.3&	61.686	N	152.147	W	110		3.0		29	SOUTHERN ALASKA. <AEIC>.
07	18	26	15.2*	13.032	N	145.008	E	33	N	4.0	1.3	13	MARIANA ISLANDS
07	19	01	40.4	19.198	N	121.029	E	33	N	4.9 4.3	0.9	85	PHILIPPINE ISLANDS REGION. Mw 5.0 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 19:01:39.6; Lat 19.40 N; Lon 121.05 E; Dep 33.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=3.79, Plg=64, Azm=217; (N) Val=0.62, Plg=26, Azm=40; (P) Val=-4.41, Plg=1, Azm=309; Best double couple: Mo=4.1*10**16 Nm; NP1: Strike=15, Dip=49, Slip=54; NP2: Strike=243, Dip=52, Slip=124.
07	19	15	38.7&	19.200	N	64.020	W	50				7	VIRGIN ISLANDS. <MPR>. MD 3.6 (MPR).
07	19	27	52.8&	44.600	N	6.500	E	2				5	FRANCE. <LDG>. ML 1.5 (LDG).
07	20	25	59.6	4.814	S	151.974	E	150	G	4.4	1.0	28	NEW BRITAIN REGION, P.N.G.
07	20	38	25.3&	37.060	N	3.930	W	1				36	SPAIN. <MDD>. mbLg 3.5 (MDD). Felt (IV) at Alhama de Granada, Cacin and Santa Cruz de Alhama; (III) at Arenas del Rey and Jatar.
07	20	41	44.8&	33.441	S	70.693	W	65				12	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.6 (GUC).
07	22	25	31.7*	51.103	N	15.763	E	5	G		1.1	8	POLAND. ML 3.1 (VIE), 2.5 (WAR).
07	22	44	40.2*	46.205	N	13.501	E	10	G		0.7	7	AUSTRIA. ML 2.2 (VIE).
07	23	01	52.2&	38.250	N	1.240	W	4				12	SPAIN. <MDD>. mbLg 2.3 (MDD).
07	23	04	28.2*	14.900	S	167.139	E	100	G	4.5	1.1	34	VANUATU ISLANDS
07	23	15	33.7&	19.217	N	155.510	W	9				20	HAWAII. <HVO>. MD 4.3 (HVO). Felt (V) at Pahala. Also felt at Ainaloa, Fern Forest, Hawaiian Ocean View Estates, Hawaii National Park, Hilo, Hookena, Laupahoehoe, Orchidland Estates, Papaikou, Pepeekeo, Volcano, Waiohinu, Wood Valley and along the Mauna Loa Strip Road.
07	23	24	19.2*	49.810	N	18.215	E	10	G		0.4	6	CZECH AND SLOVAK REPUBLICS. ML 3.1 (VIE).
07	23	43	35.7&	46.100	N	7.400	E	2				49	SWITZERLAND. <LDG>. ML 2.9 (STR), 2.6 (LDG), 2.6 (GEN), 2.4 (FBB).
07	23	50	24.9&	31.329	S	70.656	W	145				12	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.4 (GUC).
08	00	22	07.7*	35.035	N	137.249	E	309	*	4.2	0.9	10	EASTERN HONSHU, JAPAN
08	00	26	23.0	0.622	N	125.672	E	33	N	4.8	1.1	31	NORTHERN MOLUCCA SEA
08	00	27	15.3	46.198	N	13.712	E	10	G		0.9	9	AUSTRIA. ML 2.1 (VIE), 1.5 (LJU).
08	00	46	50.0?	13.01	S	166.85	E	250	G	4.4	1.0	13	VANUATU ISLANDS
08	01	31	57.4?	49.67	S	114.47	E	10	G	4.0	0.5	7	SOUTH OF AUSTRALIA
08	01	49	36.9	30.842	N	141.947	E	33	N	4.2	1.1	29	SOUTH OF HONSHU, JAPAN
08	01	58	58.6&	46.100	N	7.500	E	2				36	SWITZERLAND. <LDG>. ML 2.7 (LDG).
08	02	05	05.9&	30.983	S	71.871	W	12				11	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.9 (GUC).
08	02	17	20.6?	21.84	S	170.64	E	100	G	3.6	1.4	10	LOYALTY ISLANDS REGION
08	02	26	00.1*	15.036	S	167.255	E	150	G	4.2	1.1	19	VANUATU ISLANDS
08	02	32	07.6&	44.867	N	7.136	E	11				13	NORTHERN ITALY. <GEN>. ML 2.1 (GEN), 1.5 (LDG).

08	02	35	14.3*	22.126	N	125.155	E	33	N	4.8	3.9	1.3	33	SOUTHEAST OF TAIWAN. Felt (I JMA) on Iriomote-shima.
08	02	48	59.0&	37.260	N	3.130	W	4					13	SPAIN. <MDD>. mbLg 2.2 (MDD).
08	03	34	18.8?	49.99	S	114.61	E	10	G	3.9		0.6	6	SOUTH OF AUSTRALIA
08	03	38	15.4	34.926	N	25.825	E	33	N	4.2	3.6	1.4	96	CRETE
08	04	09	26.2&	29.927	S	71.883	W	33	N				8	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.8 (GUC).
08	04	48	34.0	30.845	N	141.934	E	33	N	5.1	5.0	1.0	138	SOUTH OF HONSHU, JAPAN. Mw 5.3 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 04:48:36.9; Lat 30.94 N; Lon 142.01 E; Dep 19.2; Half-duration 1.0 sec; Principal axes (scale 10**17 Nm): (T) Val=0.86, Plg=81, Azm=303; (N) Val=0.17, Plg=5, Azm=182; (P) Val=-1.04, Plg=8, Azm=91; Best double couple: Mo=9.0*10**16 Nm; NP1: Strike=175, Dip=37, Slip=82; NP2: Strike=5, Dip=53, Slip=96.
08	06	19	07.8?	25.05	S	179.51	E	550	G	3.9		1.1	9	SOUTH OF FIJI ISLANDS
08	06	43	15.4?	24.73	N	121.61	E	33	N	4.1		1.5	8	TAIWAN
08	07	29	18.6&	62.342	N	151.138	W	79					44	CENTRAL ALASKA. <AEIC>.
08	07	34	06.1&	31.955	S	70.364	W	131					10	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.1 (GUC).
08	09	02	49.1*	36.686	N	71.302	E	200	G	3.5		0.9	12	AFGHANISTAN-TAJIKISTAN BORD REG.
08	09	36	32.7&	31.964	S	71.026	W	61					7	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 2.9 (GUC).
08	09	42	39.3&	43.330	N	7.550	W	0					22	SPAIN. <MDD>. mbLg 3.2 (MDD). ML 3.2 (LDG). Felt (III) at Abadin.
08	10	02	17.9*	17.568	S	178.835	W	550	G	4.4		0.8	23	FIJI ISLANDS REGION
08	10	10	54.6&	43.320	N	5.410	E	5	G				4	NEAR SOUTH COAST OF FRANCE. <STR>. ML 2.8 (STR).
08	10	11	14.1	46.199	N	13.761	E	10	G			1.0	22	AUSTRIA. ML 3.5 (GRF), 3.3 (VIE), 3.1 (FUR), 2.8 (LJU). Felt (IV) at Kobarid, Slovenia.
08	10	30	47.7&	44.300	N	7.600	E	2					7	NORTHERN ITALY. <LDG>. ML 2.2 (LDG).
08	10	43	30.8&	32.642	S	71.665	W	31					11	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.0 (GUC).
08	11	37	02.8&	45.977	N	7.355	E	5					13	NORTHERN ITALY. <GEN>. ML 2.3 (GEN), 2.1 (LDG).
08	12	01	38.2*	51.146	N	15.853	E	5	G			0.3	6	POLAND. ML 3.1 (VIE), 2.8 (WAR).
08	12	23	20.6*	4.738	S	154.853	E	500	G	3.9		0.8	13	SOLOMON ISLANDS
08	12	48	07.3*	46.140	N	15.690	E	10	G			0.8	5	NORTHWESTERN BALKAN REGION. ML 2.4 (VIE).
08	12	51	52.4?	35.51	S	177.27	E	200	G	4.4		1.3	17	OFF E. COAST OF N. ISLAND, N.Z.
08	13	07	33.5*	46.256	N	13.690	E	10	G			0.5	5	AUSTRIA. ML 2.1 (VIE), 1.6 (LJU).
08	13	28	36.8&	32.582	S	71.814	W	27					10	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.6 (GUC).
08	13	56	37.1&	47.200	N	7.500	E	2					4	SWITZERLAND. <LDG>. ML 1.8 (LDG).
08	14	00	53.9	6.663	N	60.187	E	10	G	5.1	4.2	0.9	93	CARLSBERG RIDGE
08	15	08	21.4&	43.904	N	7.669	E	10					16	NEAR SOUTH COAST OF FRANCE. <GEN>. ML 2.7 (GEN), 2.3 (LDG).
08	15	12	45.0?	10.64	S	117.62	E	33	N	3.1		1.3	5	SOUTH OF SUMBAWA, INDONESIA
08	16	10	08.7?	7.47	S	155.37	E	100	G	3.7		1.3	10	SOLOMON ISLANDS
08	16	46	05.4*	28.130	S	177.559	W	100	G	4.4		1.5	25	KERMADEC ISLANDS REGION
08	16	56	48.1	4.537	S	144.142	E	112		5.0		0.9	82	NEAR N COAST OF NEW GUINEA, PNG. Mw 5.1 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 16:56:51.2; Lat 4.48 S; Lon 144.35 E; Dep 117.0; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=5.46, Plg=30, Azm=64; (N) Val=-0.47, Plg=32, Azm=313; (P) Val=-4.98, Plg=43, Azm=187; Best double couple: Mo=5.2*10**16 Nm; NP1: Strike=207, Dip=33, Slip=-14; NP2: Strike=309, Dip=82, Slip=-122.
08	17	37	05.4	22.361	N	125.441	E	33	N	5.0	4.8	1.0	74	SOUTHEAST OF TAIWAN. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 17:37:01.6; Lat 22.57 N; Lon 125.45 E; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=7.94, Plg=32, Azm=192; (N) Val=1.00, Plg=57, Azm=3; (P) Val=-8.94, Plg=4, Azm=99; Best double couple: Mo=8.4*10**16 Nm; NP1: Strike=230, Dip=65, Slip=158; NP2: Strike=330, Dip=71, Slip=27.
08	17	42	21.8*	45.692	S	77.630	W	33	N	4.6	5.0	0.9	15	OFF COAST OF SOUTHERN CHILE. Mw 5.3 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 17:42:17.7; Lat 45.15 S; Lon 78.08 W; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**17 Nm): (T) Val=0.89, Plg=14, Azm=24; (N) Val=0.23, Plg=51, Azm=275; (P) Val=-1.12, Plg=35, Azm=124; Best double couple: Mo=1.0*10**17 Nm; NP1: Strike=158, Dip=55, Slip=-17; NP2: Strike=258, Dip=76, Slip=-144.
08	18	00	21.5	6.414	S	130.589	E	33	N	4.0		1.3	26	BANDA SEA
08	18	10	36.8&	33.199	S	72.045	W	35					15	OFF COAST OF CENTRAL CHILE. <GUC>. MD 4.5 (GUC).
08	18	13	27.2	22.596	N	125.543	E	33	N	4.0		1.1	19	SOUTHEAST OF TAIWAN
08	18	27	54.6&	31.927	N	115.751	W	3					19	BAJA CALIFORNIA, MEXICO. <ECX>. MD 3.3 (ECX). ML 3.2 (PAS).
08	18	48	09.5*	54.311	N	161.804	E	33	N	4.1		1.1	18	NEAR EAST COAST OF KAMCHATKA
08	20	14	14.0	41.631	N	141.977	E	56	D	4.6	3.7	1.2	55	HOKKAIDO, JAPAN REGION. Felt (I JMA) in eastern Aomori Prefecture, Honshu.
08	20	43	17.4&	36.075	N	117.960	W	8					9	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 2.9 (PAS).
08	20	47	16.2	30.634	N	131.126	E	47		4.4	3.8	1.0	39	KYUSHU, JAPAN
08	21	08	07.1&	33.164	S	72.097	W	33		4.2			25	OFF COAST OF CENTRAL CHILE. <GUC>. MD 4.7 (GUC). Felt (II) at Limache, Quilpue, Santiago, Valparaiso and Vina del Mar.
08	21	12	24.6*	46.219	N	13.745	E	10	G			0.3	6	AUSTRIA. ML 1.3 (LJU).
08	21	15	31.8&	33.196	S	72.059	W	19					13	OFF COAST OF CENTRAL CHILE. <GUC>. MD 4.1 (GUC).
08	21	21	01.9&	44.507	N	6.694	E	7					11	FRANCE. <GEN>. ML 2.1 (GEN), 1.6 (LDG).
08	22	53	38.5	9.277	S	123.874	E	93	*	4.4		1.3	23	TIMOR REGION, INDONESIA
08	23	38	16.4&	37.643	N	118.952	W	7					7	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM).
08	23	44	05.2*	27.705	N	143.108	E	33	N	4.5		1.1	14	BONIN ISLANDS REGION
08	23	44	16.1&	37.644	N	118.950	W	7					5	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM).
08	23	45	37.9&	8.406	N	82.649	W	0					6	PANAMA-COSTA RICA BORDER REGION. <UPA>. MD 3.9 (UPA).
08	23	46	49.3?	45.46	N	26.47	E	130	G			1.1	7	ROMANIA
08	23	58	09.8*	27.554	N	143.066	E	33	N	3.8		1.0	12	BONIN ISLANDS REGION
09	00	01	38.9	30.868	N	141.942	E	33	N	4.2		1.3	37	SOUTH OF HONSHU, JAPAN
09	00	30	12.9&	57.893	N	156.823	W	0		5.1	4.8		252	ALASKA PENINSULA. <AEIC>. Mw 5.4 (HRV). ML 5.2 (AEIC), 5.2 (PMR). Felt (IV) at Dillingham, Egegik, King Salmon and Naknek. Centroid, Moment Tensor (HRV): Centroid origin time 00:30:15.4; Lat 57.51 N; Lon 156.94 W; Dep 36.9; Half-duration 1.3 sec; Principal axes (scale 10**17 Nm): (T) Val=1.43, Plg=17, Azm=39; (N) Val=0.08, Plg=73, Azm=212;

													(P) Val=-1.51, Plg=2, Azm=308; Best double couple: Mo=1.5*10**17 Nm; NP1: Strike=82, Dip=77, Slip=169; NP2: Strike=175, Dip=79, Slip=14.
09	00	37	30.4&	57.920	N	156.765	W	1				11	ALASKA PENINSULA. <AEIC>. ML 3.8 (AEIC).
09	00	51	50.3*	22.420	N	125.857	E	33	N	4.2	1.4	8	SOUTHEAST OF TAIWAN
09	00	59	22.6&	57.896	N	156.414	W	0	5.1	4.6		204	ALASKA PENINSULA. <AEIC>. Mw 5.3 (HRV). ML 4.8 (AEIC), 5.0 (PMR). Felt (IV) at Dillingham, Egegik, King Salmon and Naknek. Centroid, Moment Tensor (HRV): Centroid origin time 00:59:26.0; Lat 58.08 N; Lon 156.87 W; Dep 35.9; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=9.12, Plg=3, Azm=31; (N) Val=-0.09, Plg=70, Azm=293; (P) Val=-9.02, Plg=20, Azm=122; Best double couple: Mo=9.1*10**16 Nm; NP1: Strike=165, Dip=74, Slip=-13; NP2: Strike=259, Dip=78, Slip=-163.
09	01	29	34.7*	22.202	N	126.011	E	33	N	4.0	1.2	9	PHILIPPINE SEA
09	01	35	24.8&	31.150	S	71.669	W	25				11	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.8 (GUC).
09	01	38	12.6	51.526	N	16.315	E	5	G		0.4	21	POLAND. ML 3.5 (VIE), 3.5 (GRF), 3.4 (WAR).
09	01	46	39.3&	57.965	N	156.588	W	0	2.6			7	ALASKA PENINSULA. <AEIC>. ML 2.8 (AEIC).
09	01	46	58.9&	57.890	N	156.815	W	0	3.8			34	ALASKA PENINSULA. <AEIC>. ML 3.9 (AEIC), 4.3 (PMR).
09	02	12	17.1*	58.136	N	156.273	W	33	N	2.9	0.9	9	ALASKA PENINSULA
09	02	14	18.1	46.215	N	13.729	E	10	G		1.3	12	AUSTRIA. ML 2.3 (VIE), 1.8 (LJU).
09	02	16	14.3	20.087	N	121.000	E	33	N	5.0	4.6 1.0	86	PHILIPPINE ISLANDS REGION. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 02:16:12.8; Lat 20.75 N; Lon 120.63 E; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=6.31, Plg=69, Azm=314; (N) Val=-0.63, Plg=14, Azm=184; (P) Val=-5.68, Plg=16, Azm=90; Best double couple: Mo=6.0*10**16 Nm; NP1: Strike=160, Dip=32, Slip=63; NP2: Strike=12, Dip=62, Slip=106.
09	02	23	14.8&	38.157	N	30.080	E	10	G			8	TURKEY. <ISK>. MD 3.3 (ISK).
09	02	40	02.5	41.453	S	174.615	E	33	N	3.6	1.2	17	COOK STRAIT, NEW ZEALAND. ML 4.4 (WEL). Felt at Wellington on the North Island.
09	03	32	53.1*	30.839	N	142.167	E	33	N	4.1	1.3	21	SOUTH OF HONSHU, JAPAN
09	03	41	17.4?	38.78	S	175.96	E	150	G		0.2	8	NORTH ISLAND, NEW ZEALAND
09	03	54	04.7&	57.948	N	156.623	W	0				17	ALASKA PENINSULA. <AEIC>. ML 3.6 (AEIC).
09	03	55	51.8&	57.983	N	156.963	W	0	5.0	4.8		226	ALASKA PENINSULA. <AEIC>. Mw 5.4 (HRV). ML 5.1 (AEIC), 5.3 (PMR). Felt (IV) at Dillingham, Egegik, King Salmon and Naknek. Centroid, Moment Tensor (HRV): Centroid origin time 03:55:57.4; Lat 58.08 N; Lon 156.83 W; Dep 32.4; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=1.49, Plg=10, Azm=211; (N) Val=-0.05, Plg=71, Azm=91; (P) Val=-1.45, Plg=16, Azm=304; Best double couple: Mo=1.5*10**17 Nm; NP1: Strike=347, Dip=71, Slip=-5; NP2: Strike=78, Dip=86, Slip=-161.
09	04	01	25.3*	49.274	S	120.693	E	10	G	4.3	1.1	21	SOUTH OF AUSTRALIA
09	04	18	57.3	57.932	N	156.932	W	33	N	4.2	1.1	20	ALASKA PENINSULA. ML 4.1 (PMR).
09	04	19	59.8&	40.137	S	173.687	E	150	G		0.2	10	COOK STRAIT, NEW ZEALAND
09	04	24	41.4&	59.907	N	152.575	W	86	2.9			30	SOUTHERN ALASKA. <AEIC>.
09	04	50	24.6&	57.905	N	156.684	W	0				7	ALASKA PENINSULA. <AEIC>. ML 2.9 (AEIC).
09	04	56	37.2*	3.030	S	128.158	E	33	N	4.3	1.1	15	SERAM, INDONESIA
09	04	58	33.8&	57.985	N	156.930	W	0	4.9	4.1		103	ALASKA PENINSULA. <AEIC>. ML 4.6 (AEIC), 4.8 (PMR). Felt at Egegik.
09	05	06	23.7*	57.896	N	157.029	W	33	N		1.0	11	ALASKA PENINSULA. ML 4.1 (PMR).
09	05	07	11.9	26.921	N	129.469	E	33	N	4.6	4.5 1.2	40	RYUKYU ISLANDS
09	05	27	41.7	20.083	N	121.014	E	33	N	4.9	1.0	66	PHILIPPINE ISLANDS REGION
09	05	43	00.1*	49.309	S	120.835	E	10	G	3.9	0.8	13	SOUTH OF AUSTRALIA
09	05	53	51.6?	33.32	N	139.29	E	33	N		1.2	6	SOUTH OF HONSHU, JAPAN
09	06	56	30.5	46.020	N	15.012	E	10	G		0.3	6	NORTHWESTERN BALKAN REGION. ML 2.4 (VIE).
09	06	59	48.4&	57.927	N	156.827	W	0	4.7	4.2		123	ALASKA PENINSULA. <AEIC>. ML 4.7 (AEIC), 5.0 (PMR). Felt (IV) at Dillingham, Egegik, King Salmon and Naknek.
09	07	03	18.3*	14.539	N	120.035	E	33	N	4.0	0.9	11	LUZON, PHILIPPINE ISLANDS
09	07	11	43.8*	18.543	N	39.549	E	10	G	4.6	1.4	20	RED SEA
09	08	08	23.6&	40.628	N	29.106	E	5				6	TURKEY. <ISK>. MD 2.9 (ISK).
09	08	12	06.1	40.775	N	115.782	W	5	G		1.0	11	NEVADA. ML 3.6 (GS). Felt in the Elko area.
09	08	59	24.9&	36.060	N	2.820	W	0	G			10	STRAIT OF GIBRALTAR. <MDD>. mbLg 3.0 (MDD).
09	09	18	03.1*	57.973	N	157.005	W	33	N		1.4	13	ALASKA PENINSULA. ML 3.9 (PMR).
09	09	43	10.4*	57.910	N	157.035	W	33	N	3.0	1.2	6	ALASKA PENINSULA
09	10	00	48.8*	24.605	S	179.933	E	500	G	4.4	1.0	37	SOUTH OF FIJI ISLANDS
09	10	07	53.1&	36.020	N	3.010	W	0	G			8	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.9 (MDD).
09	10	19	06.9&	33.162	N	115.642	W	1				5	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS). MD 3.6 (ECX).
09	10	28	42.9&	32.286	S	71.267	W	30				13	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.8 (GUC).
09	11	22	27.8*	51.573	N	16.145	E	5	G		0.8	13	POLAND. ML 3.4 (VIE), 3.1 (WAR).
09	11	35	13.6&	41.037	N	28.368	E	10	G			5	TURKEY. <ISK>. MD 2.8 (ISK).
09	11	42	11.6	13.621	N	90.724	W	33	N	5.0	4.8 1.1	148	NEAR COAST OF GUATEMALA. Mw 5.4 (HRV). Felt (III) at San Salvador, El Salvador. Centroid, Moment Tensor (HRV): Centroid origin time 11:42:15.3; Lat 13.42 N; Lon 91.30 W; Dep 37.4; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=1.50, Plg=75, Azm=58; (N) Val=0.22, Plg=9, Azm=292; (P) Val=-1.73, Plg=12, Azm=200; Best double couple: Mo=1.6*10**17 Nm; NP1: Strike=278, Dip=34, Slip=73; NP2: Strike=118, Dip=58, Slip=101.
09	11	57	45.7&	39.673	N	29.492	E	10	G			4	TURKEY. <ISK>. MD 2.8 (ISK).
09	12	36	47.2	43.126	N	12.672	E	10	G		0.9	19	CENTRAL ITALY. ML 3.0 (LDG).
09	13	06	13.4	40.986	N	20.001	E	10	G	4.2	1.4	133	GREECE-ALBANIA BORDER REGION. ML 4.2 (ROM), 4.2 (PDG), 3.9 (THE).
09	13	25	23.9*	37.004	N	71.639	E	100	G	3.7	1.3	15	AFGHANISTAN-TAJIKISTAN BORD REG.
09	14	50	01.8	46.011	N	15.012	E	10	G		0.1	6	NORTHWESTERN BALKAN REGION. ML 2.3 (VIE), 1.5 (LJU).
09	15	09	02.9&	41.879	N	19.266	E	14				12	ALBANIA. <PDG>. ML 2.7 (PDG).
09	15	20	40.3&	57.319	N	153.351	W	42	2.7			16	KODIAK ISLAND REGION. <AEIC>. ML 2.9 (AEIC).
09	15	38	00.4	38.278	N	38.988	E	10	G	4.9	4.6 1.1	234	TURKEY. Mw 5.1 (HRV). MD 4.7 (ISK). Felt at Baskil, Bingol,

Elazig, Malatya and in the Diyarbakir area.
Centroid, Moment Tensor (HRV): Centroid origin time 15:38:08.2; Lat 38.19 N; Lon 39.00 E; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=5.32, Plg=0, Azm=116; (N) Val=0.13, Plg=80, Azm=26; (P) Val=-5.45, Plg=10, Azm=206; Best double couple: Mo=5.4*10**16 Nm; NP1: Strike=251, Dip=83, Slip=-7; NP2: Strike=341, Dip=83, Slip=-173.

09	15	59	04.5&	57.873	N	156.775	W	0		4.2		42	ALASKA PENINSULA. <AEIC>. ML 4.1 (AEIC), 4.5 (PMR).
09	16	00	51.1	36.388	N	69.543	E	78	*	4.8	0.9	94	HINDU KUSH REGION, AFGHANISTAN
09	16	10	27.5&	44.649	N	7.261	E	18				5	NORTHERN ITALY. <GEN>. ML 2.3 (GEN).
09	16	27	52.4&	38.260	N	1.720	W	2				32	SPAIN. <MDD>. mbLg 3.4 (MDD). ML 3.3 (LDG). Felt (III) at Calasparra and Moratalla.
09	16	31	44.6&	43.298	N	19.287	E	10				4	NORTHWESTERN BALKAN REGION. <PDG>. MD 1.8 (PDG).
09	16	35	07.1*	7.767	S	158.587	E	33	N	4.2	1.3	13	SOLOMON ISLANDS
09	16	45	12.4	5.091	S	153.730	E	100	G	4.3	1.0	34	NEW IRELAND REGION, P.N.G.
09	17	03	12.2	17.519	N	101.310	W	33	N	4.8 4.7	1.3	97	NEAR COAST OF GUERRERO, MEXICO. Mw 5.2 (HRV). MD 4.8 (UNM). Felt at Mexico City.

Centroid, Moment Tensor (HRV): Centroid origin time 17:03:16.1; Lat 17.31 N; Lon 101.00 W; Dep 36.2; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=8.82, Plg=80, Azm=6; (N) Val=-0.76, Plg=3, Azm=112; (P) Val=-8.06, Plg=9, Azm=202; Best double couple: Mo=8.4*10**16 Nm; NP1: Strike=296, Dip=36, Slip=95; NP2: Strike=110, Dip=54, Slip=87.

09	17	09	50.4*	58.011	N	156.668	W	33	N	3.7	1.4	7	ALASKA PENINSULA. ML 4.0 (PMR).
09	17	14	58.6&	45.700	N	6.200	E	2				4	FRANCE. <LDG>. ML 1.5 (LDG).
09	17	20	12.8&	40.700	N	1.330	E	11				9	BALEARIC ISLANDS. <MDD>. mbLg 2.0 (MDD).
09	17	25	42.9?	57.69	N	156.81	W	33	N	3.0	1.3	5	ALASKA PENINSULA. ML 3.6 (PMR).
09	17	39	10.1	29.966	N	68.006	E	33	N	4.6 4.1	0.8	54	PAKISTAN
09	18	47	21.1&	46.049	N	14.192	E	10	G		0.5	5	NORTHWESTERN BALKAN REGION. ML 0.9 (LJU).
09	20	53	38.2	24.729	N	121.953	E	90		4.5	1.3	47	TAIWAN. Felt in northern and eastern Taiwan.
09	20	54	25.5	58.015	N	156.960	W	33	N	3.4	0.8	9	ALASKA PENINSULA. ML 3.8 (PMR).
09	21	38	48.1	57.986	N	156.966	W	33	N		0.6	8	ALASKA PENINSULA. ML 3.9 (PMR).
09	21	40	03.0?	58.17	N	156.67	W	33	N	3.4	1.5	9	ALASKA PENINSULA
09	22	53	49.3*	58.045	N	157.062	W	33	N	3.3	1.2	15	ALASKA PENINSULA. ML 3.9 (PMR).
09	22	57	48.2	57.952	N	156.729	W	33	N	3.5	0.9	10	ALASKA PENINSULA
09	23	09	23.7*	18.491	S	71.643	W	33	N	4.3	0.9	17	OFF COAST OF NORTHERN CHILE
09	23	25	35.9&	45.300	N	6.500	E	2				4	FRANCE. <LDG>. ML 1.4 (LDG).
09	23	32	07.5	18.187	S	71.311	W	72	D	4.9	0.9	71	OFF COAST OF NORTHERN CHILE. Mw 5.2 (HRV).

Centroid, Moment Tensor (HRV): Centroid origin time 23:32:02.8; Lat 18.80 S; Lon 72.02 W; Dep 53.1; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=6.29, Plg=74, Azm=34; (N) Val=-0.60, Plg=5, Azm=142; (P) Val=-5.69, Plg=15, Azm=233; Best double couple: Mo=6.0*10**16 Nm; NP1: Strike=330, Dip=30, Slip=100; NP2: Strike=139, Dip=60, Slip=84.

09	23	32	33.1&	39.510	N	1.350	W	0	G			6	SPAIN. <MDD>. mbLg 2.1 (MDD).
10	00	00	31.1*	44.004	N	87.712	E	33	N	4.2	1.1	13	NORTHERN XINJIANG, CHINA
10	00	53	17.2&	32.646	S	71.674	W	16				10	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.5 (GUC).
10	01	00	54.0&	32.933	S	70.910	W	65				10	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.5 (GUC).
10	01	26	57.3	8.734	S	114.093	E	100	G	4.6	1.1	17	BALI REGION, INDONESIA
10	01	40	56.9*	46.234	N	13.678	E	10	G		0.6	7	AUSTRIA. ML 2.1 (VIE), 1.4 (LJU).
10	01	45	34.0*	57.954	N	157.080	W	33	N		0.9	10	ALASKA PENINSULA. ML 3.7 (PMR).
10	02	02	17.7*	33.608	S	178.269	W	33	N	4.6	1.5	26	SOUTH OF KERMADEC ISLANDS
10	02	34	43.2*	16.231	S	175.213	W	255	*	4.2	1.0	36	TONGA ISLANDS
10	02	39	52.2&	45.900	N	0.200	E	2				4	FRANCE. <LDG>. ML 1.8 (LDG).
10	02	41	26.6*	56.630	S	27.102	W	200	G	4.3	0.6	16	SOUTH SANDWICH ISLANDS REGION
10	03	12	22.5*	51.371	N	178.161	W	33	N	4.2	1.2	16	ANDREANOF ISLANDS, ALEUTIAN IS.
10	03	27	29.9*	22.481	N	125.635	E	33	N	3.6	1.5	10	SOUTHEAST OF TAIWAN
10	03	29	06.2*	46.216	N	13.600	E	10	G		0.8	7	AUSTRIA. ML 2.1 (VIE), 1.3 (LJU).
10	03	39	59.1	9.025	S	125.427	E	33	N	4.9	1.2	45	TIMOR REGION, INDONESIA. Mw 5.2 (HRV).

Centroid, Moment Tensor (HRV): Centroid origin time 03:40:00.0; Lat 9.20 S; Lon 124.98 E; Dep 25.2; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=8.48, Plg=13, Azm=284; (N) Val=-0.53, Plg=9, Azm=16; (P) Val=-7.95, Plg=74, Azm=139; Best double couple: Mo=8.2*10**16 Nm; NP1: Strike=3, Dip=33, Slip=-106; NP2: Strike=201, Dip=59, Slip=-80.

10	04	05	14.0	17.617	N	101.161	W	10	G		1.3	17	NEAR COAST OF GUERRERO, MEXICO. MD 4.3 (UNM).
10	04	05	21.6*	57.968	N	156.784	W	33	N	2.9	1.4	10	ALASKA PENINSULA. ML 3.5 (PMR).
10	04	33	49.3&	34.235	S	70.638	W	103				9	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.3 (GUC).
10	04	45	59.1&	57.946	N	156.765	W	0				23	ALASKA PENINSULA. <AEIC>. ML 3.0 (AEIC).
10	06	05	58.9	13.676	N	90.747	W	33	N	5.3 5.9	1.2	269	NEAR COAST OF GUATEMALA. Mw 6.3 (GS), 6.3 (HRV). Me 5.6 (GS). Ms 6.1 (BRK). MD 5.3 (UNM). Felt widely in El Salvador and Guatemala. Also felt in parts of Mexico.

Broadband Source Parameters (GS): Dep 18; NP1: Strike=270, Dip=22, Slip=65; NP2: Strike=117, Dip=70, Slip=100; Radiated energy 5.8*10**12 Nm.
Moment Tensor (GS): Dep 16; Principal axes (scale 10**18 Nm): (T) Val=2.82, Plg=60, Azm=47; (N) Val=-0.04, Plg=14, Azm=291; (P) Val=-2.78, Plg=26, Azm=194; Best double couple: Mo=2.8*10**18 Nm; NP1: Strike=256, Dip=23, Slip=52; NP2: Strike=116, Dip=72, Slip=104.
Centroid, Moment Tensor (HRV): Centroid origin time 06:06:05.0; Lat 13.59 N; Lon 91.35 W; Dep 25.0 Bdy; Half-duration 3.4 sec; Principal axes (scale 10**18 Nm): (T) Val=3.65, Plg=65, Azm=42; (N) Val=0.06, Plg=6, Azm=298; (P) Val=-3.70, Plg=24, Azm=205; Best double couple: Mo=3.7*10**18 Nm; NP1: Strike=283, Dip=22, Slip=73; NP2: Strike=120, Dip=69, Slip=97.
Scalar Moment (PPT): Mo=2.5*10**18 Nm.

10	06	11	42.7&	54.179	N	164.324	W	11				8	UNIMAK ISLAND REGION. <AEIC>. ML 2.7 (AEIC).

10	06	12	31.8	3.036	S	142.135	E	10	G	4.6	1.0	47	NEAR N COAST OF NEW GUINEA, PNG.
10	06	25	20.9	52.431	N	157.257	E	150	G	4.5	0.9	22	KAMCHATKA
10	06	34	52.1&	37.647	N	118.912	W	8				10	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM).
10	06	35	30.5&	31.797	S	69.774	W	160				10	SAN JUAN PROVINCE, ARGENTINA. <GUC>. MD 3.0 (GUC).
10	06	35	44.6*	8.520	N	102.924	W	10	G	4.9	1.1	27	OFF COAST OF MEXICO. Mw 5.8 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 06:35:51.2; Lat 8.93 N; Lon 103.56 W; Dep 15.0 Fix; Half-duration 1.8 sec; Principal axes (scale 10**17 Nm): (T) Val=4.80, Plg=4, Azm=36; (N) Val=1.02, Plg=54, Azm=300; (P) Val=-5.83, Plg=36, Azm=129; Best double couple: Mo=5.3*10**17 Nm; NP1: Strike=166, Dip=62, Slip=-25; NP2: Strike=268, Dip=68, Slip=-150.
10	06	37	18.0*	3.218	S	142.076	E	33	N	3.5	0.9	10	NEAR N COAST OF NEW GUINEA, PNG.
10	06	42	06.2*	3.024	S	142.092	E	33	N	3.8	1.2	14	NEAR N COAST OF NEW GUINEA, PNG.
10	06	59	01.3	2.767	S	141.897	E	33	N	4.7	1.0	17	NEAR N COAST OF NEW GUINEA, PNG.
10	07	21	11.5&	18.260	N	66.440	W	59				4	PUERTO RICO REGION. <MPR>. MD 2.5 (MPR).
10	07	33	16.0*	44.541	N	147.990	E	100	G	3.4	1.1	17	KURIL ISLANDS
10	07	38	03.4&	40.452	N	26.087	E	5				12	TURKEY. <ISK>. MD 3.3 (ISK).
10	07	43	27.8*	8.371	N	102.751	W	10	G	4.4	1.0	26	OFF COAST OF MEXICO
10	08	16	51.3&	47.000	N	7.000	E	2				10	SWITZERLAND. <LDG>. ML 2.3 (LDG).
10	08	39	15.0	22.133	S	63.585	W	528		4.2	0.7	33	SALTA PROVINCE, ARGENTINA
10	08	57	17.9	8.172	S	81.043	W	33	N	4.6	0.9	35	OFF COAST OF NORTHERN PERU
10	09	00	17.1	46.235	N	13.655	E	10	G		0.6	9	AUSTRIA. ML 2.6 (VIE), 2.0 (LJU).
10	09	11	42.6&	40.472	N	29.197	E	10	G			4	TURKEY. <ISK>. MD 2.7 (ISK).
10	09	32	40.8	51.636	N	16.202	E	5	G	3.2	0.7	19	POLAND. ML 3.7 (GRF), 3.4 (WAR), 3.3 (VIE).
10	09	40	54.2&	32.569	S	70.768	W	79				10	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.5 (GUC).
10	09	48	35.1&	57.807	N	156.718	W	0		4.4		92	ALASKA PENINSULA. <AEIC>. ML 4.4 (AEIC), 4.3 (PMR).
10	10	08	18.4?	8.08	N	103.74	W	10	G	4.0	1.0	13	OFF COAST OF MEXICO
10	10	12	20.4&	59.423	N	153.364	W	111				33	SOUTHERN ALASKA. <AEIC>.
10	10	14	17.6	33.162	N	16.609	W	10	G	3.9	1.4	37	MADEIRA ISLANDS REGION. mbLg 3.4 (MDD).
10	11	33	49.7&	34.002	S	70.733	W	94				7	CHILE-ARGENTINA BORDER REGION. <GUC>.
10	11	39	33.9?	8.32	N	103.16	W	10	G	4.3	1.4	10	OFF COAST OF MEXICO
10	12	14	41.5?	17.29	N	101.36	W	10	G		1.3	7	NEAR COAST OF GUERRERO, MEXICO. MD 4.1 (UNM).
10	12	18	59.2*	8.366	N	102.778	W	10	G	4.6	0.9	28	OFF COAST OF MEXICO
10	12	38	33.9*	46.224	N	13.602	E	10	G		0.7	6	AUSTRIA. ML 2.0 (VIE), 1.4 (LJU).
10	12	42	08.6	13.614	S	166.560	E	33	N	5.1 4.9	1.1	114	VANUATU ISLANDS. Mw 5.3 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 12:42:14.6; Lat 13.44 S; Lon 166.07 E; Dep 31.7; Half-duration 1.0 sec; Principal axes (scale 10**17 Nm): (T) Val=1.15, Plg=61, Azm=343; (N) Val=-0.14, Plg=29, Azm=174; (P) Val=-1.01, Plg=5, Azm=82; Best double couple: Mo=1.1*10**17 Nm; NP1: Strike=144, Dip=48, Slip=49; NP2: Strike=16, Dip=56, Slip=126.
10	13	13	14.0&	57.973	N	156.627	W	0				14	ALASKA PENINSULA. <AEIC>. ML 2.5 (AEIC).
10	13	26	50.3	9.796	S	150.855	E	33	N	4.5	1.3	35	EASTERN NEW GUINEA REG., P.N.G.
10	13	59	18.1*	8.262	N	103.107	W	10	G	4.7	1.2	19	OFF COAST OF MEXICO
10	14	13	16.6*	46.233	N	13.539	E	10	G		0.9	7	AUSTRIA. ML 2.3 (VIE), 1.4 (LJU).
10	14	24	22.3&	54.572	N	160.771	W	10		4.6 4.4		111	ALASKA PENINSULA. <AEIC>. ML 4.4 (AEIC), 4.2 (PMR).
10	14	33	59.9&	16.356	N	99.219	W	25		3.8		25	NEAR COAST OF GUERRERO, MEXICO. <UNM>. MD 4.3 (UNM).
10	14	35	01.1*	18.240	S	176.633	W	100	G	4.7	1.3	40	FIJI ISLANDS REGION
10	14	52	31.5*	8.372	N	103.013	W	10	G	4.4 4.5	1.0	35	OFF COAST OF MEXICO
10	14	55	16.8&	15.188	N	61.301	W	132				12	LEEWARD ISLANDS. <FDF>. MG 3.0 (FDF).
10	14	56	22.9	29.408	N	82.016	E	33	N	4.1	1.0	19	NEPAL
10	15	13	48.3	51.051	N	15.815	E	5	G		0.8	7	POLAND. ML 3.2 (VIE), 2.8 (WAR).
10	15	53	52.4&	19.300	N	67.880	W	47				4	MONA PASSAGE. <MPR>. MD 3.2 (MPR).
10	16	06	39.8?	16.29	N	99.22	W	33	N	3.8	1.7	18	NEAR COAST OF GUERRERO, MEXICO. MD 4.4 (UNM).
10	16	51	01.7&	36.010	N	117.800	W	2				37	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 3.5 (PAS), 3.6 (BRK).
10	17	13	07.8*	23.671	S	179.951	E	500	G	4.4	0.8	18	SOUTH OF FIJI ISLANDS
10	17	25	10.7	9.663	S	150.687	E	33	N	4.4 4.4	1.1	34	EASTERN NEW GUINEA REG., P.N.G.
10	18	05	17.5	4.462	S	125.254	E	478		4.5	1.0	35	BANDA SEA
10	18	33	02.9&	39.721	N	28.728	E	6				8	TURKEY. <ISK>. MD 2.9 (ISK).
10	18	46	00.8*	20.531	S	177.954	W	550	G	4.2	0.9	37	FIJI ISLANDS REGION
10	18	51	04.0&	46.070	N	15.740	E	18				4	NORTHWESTERN BALKAN REGION. <ZAG>. ML 1.2 (LJU).
10	18	52	50.1*	13.628	N	90.841	W	33	N	4.3	1.4	23	NEAR COAST OF GUATEMALA. MD 4.4 (UNM).
10	19	14	58.5	54.451	N	160.011	E	109	D	4.7	0.9	110	NEAR EAST COAST OF KAMCHATKA
10	20	12	03.9&	60.593	N	152.779	W	125				45	SOUTHERN ALASKA. <AEIC>.
10	20	13	02.8&	37.100	N	4.310	W	46				10	SPAIN. <MDD>.
10	20	20	48.9*	43.087	N	12.746	E	10	G		1.4	21	CENTRAL ITALY. ML 2.9 (LDG).
10	20	44	23.6&	34.202	S	70.541	W	97				7	CHILE-ARGENTINA BORDER REGION. <GUC>.
10	20	45	31.4*	48.949	N	155.650	E	33	N	3.5	0.8	9	KURIL ISLANDS
10	21	05	04.8&	57.989	N	156.690	W	0				66	ALASKA PENINSULA. <AEIC>. ML 3.8 (AEIC), 4.0 (PMR).
10	21	16	29.0&	57.972	N	156.712	W	0				77	ALASKA PENINSULA. <AEIC>. ML 4.0 (AEIC), 4.1 (PMR).
10	22	22	04.3	46.243	N	13.670	E	10	G		1.2	12	AUSTRIA. ML 2.3 (VIE), 1.8 (LJU).
10	22	23	12.0	18.022	N	145.241	E	400	G	4.3	1.0	36	MARIANA ISLANDS
10	22	47	48.7&	34.096	S	70.907	W	73				9	CHILE-ARGENTINA BORDER REGION. <GUC>.
10	22	58	27.7*	57.945	N	157.042	W	33	N		0.9	10	ALASKA PENINSULA. ML 3.7 (PMR).
10	23	06	36.1&	57.892	N	156.641	W	2				6	ALASKA PENINSULA. <AEIC>. ML 2.7 (AEIC).
10	23	12	36.8&	31.792	S	71.525	W	40				8	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.4 (GUC).
10	23	40	49.1	46.250	N	13.583	E	10	G		1.1	11	AUSTRIA. ML 2.6 (VIE), 2.1 (LJU).
11	00	08	20.0&	42.400	N	2.200	E	2				4	PYRENEES. <LDG>. ML 1.9 (LDG).
11	00	25	45.9*	39.821	N	42.206	E	33	N	4.0	1.3	23	TURKEY. MD 4.0 (ISK). Felt at Eleskirt.
11	00	58	09.7&	31.961	N	130.844	E	86	*		0.5	7	KYUSHU, JAPAN
11	01	34	33.0	8.242	N	102.987	W	10	G	5.0 5.3	1.2	97	OFF COAST OF MEXICO. Mw 5.8 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 01:34:40.0; Lat 8.82 N; Lon 103.30 W; Dep 15.0 Fix; Half-duration 2.0 sec; Principal axes (scale 10**17 Nm): (T) Val=6.26, Plg=9, Azm=218; (N) Val=-0.03, Plg=72, Azm=340; (P) Val=-6.23, Plg=15, Azm=126; Best double couple: Mo=6.2*10**17 Nm; NP1: Strike=262, Dip=73, Slip=-176; NP2: Strike=171, Dip=86, Slip=-17.
11	01	52	29.1&	38.600	N	1.610	W	18				8	SPAIN. <MDD>. mbLg 2.0 (MDD).
11	02	24	24.8*	42.673	N	148.016	E	51	D	4.4	1.0	20	OFF COAST OF HOKKAIDO, JAPAN

11	02	48	58.3	33.826	S	68.356	W	40	*	4.4	0.7	26	MENDOZA PROVINCE, ARGENTINA. MD 4.8 (GUC).
11	02	56	46.9?	33.90	S	68.24	W	10	G		1.0	12	MENDOZA PROVINCE, ARGENTINA. MD 4.3 (GUC).
11	04	01	40.9	2.972	S	142.050	E	34	*	5.0 5.4	1.3	87	NEAR N COAST OF NEW GUINEA, PNG. Mw 5.7 (HRV).
													Centroid, Moment Tensor (HRV): Centroid origin time 04:01:48.6; Lat 3.29 S; Lon 142.71 E; Dep 17.7; Half-duration 1.5 sec; Principal axes (scale 10**17 Nm): (T) Val=3.38, Plg=64, Azm=219; (N) Val=0.20, Plg=6, Azm=321; (P) Val=-3.59, Plg=26, Azm=54; Best double couple: Mo=3.5*10**17 Nm; NP1: Strike=156, Dip=20, Slip=106; NP2: Strike=319, Dip=70, Slip=84.
11	04	06	34.3*	27.440	N	141.124	E	33	N	3.6	0.8	7	BONIN ISLANDS REGION
11	04	41	33.6	3.100	S	142.055	E	33	N	3.5	0.7	9	NEAR N COAST OF NEW GUINEA, PNG.
11	05	07	27.5?	40.27	N	48.87	E	33	N	3.9	1.5	11	EASTERN CAUCASUS
11	05	08	05.2&	41.217	S	174.829	E	5	G		0.1	5	COOK STRAIT, NEW ZEALAND. ML 1.7 (WEL).
11	05	45	04.7	18.256	N	100.407	W	33	N		0.4	15	GUERRERO, MEXICO. MD 4.0 (UNM).
11	06	02	58.3*	3.029	S	142.152	E	33	N	3.6	0.9	11	NEAR N COAST OF NEW GUINEA, PNG.
11	06	06	06.3*	13.359	S	166.332	E	45	D		1.2	15	VANUATU ISLANDS
11	07	38	47.0&	39.205	N	29.185	E	12				4	TURKEY. <ISK>. MD 2.8 (ISK).
11	07	39	06.7&	18.540	N	66.110	W	76				10	PUERTO RICO REGION. <MPR>. MD 3.1 (MPR).
11	07	53	27.9&	39.647	N	29.397	E	10	G			4	TURKEY. <ISK>. MD 2.7 (ISK).
11	08	02	39.1&	16.264	N	97.988	W	10				10	OAXACA, MEXICO. <UNM>. MD 4.0 (UNM).
11	08	07	14.0&	36.880	N	89.070	W	8				11	NEW MADRID, MISSOURI REGION. <TEIC>. mbLg 2.6 (GS).
11	08	47	35.8?	13.90	N	92.11	W	33	N	4.3	0.9	11	OFF COAST OF CHIAPAS, MEXICO
11	09	01	10.4&	44.820	N	6.730	E	5	G			32	FRANCE. <STR>. ML 2.9 (LDG), 2.7 (STR).
11	09	07	51.7?	11.79	N	87.76	W	33	N	3.8	1.4	6	NEAR COAST OF NICARAGUA
11	09	24	09.8&	32.059	S	70.813	W	97				13	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 4.0 (GUC).
11	09	31	21.8?	7.62	S	158.12	E	33	N	3.1	1.4	6	SOLOMON ISLANDS
11	09	39	08.0*	36.507	N	70.611	E	200	G	3.8	0.9	10	HINDU KUSH REGION, AFGHANISTAN
11	09	51	06.4&	44.300	N	7.600	E	2				5	NORTHERN ITALY. <LDG>. ML 2.3 (LDG).
11	10	11	14.5	48.689	N	10.109	E	5	G		1.1	12	GERMANY. ML 2.5 (STR), 2.5 (VIE).
11	10	13	41.7	27.105	N	71.802	E	0	G	5.2 3.5	1.0	221	INDIA-PAKISTAN BORDER REG. Underground nuclear explosion in India. Slight damage at Pokaran, India.
11	10	26	07.7*	84.842	N	9.100	E	10	G		1.4	8	NORTH OF SVALBARD
11	11	14	45.1&	63.342	N	151.339	W	9				20	CENTRAL ALASKA. <AEIC>. ML 2.9 (AEIC), 3.4 (PMR).
11	12	09	31.0?	53.32	N	160.20	E	33	N	4.3	1.3	10	NEAR EAST COAST OF KAMCHATKA
11	12	11	23.6	33.659	S	118.288	E	10	G	4.5	1.0	8	WESTERN AUSTRALIA
11	12	29	49.9&	37.070	N	4.620	W	0	G			7	SPAIN. <MDD>. mbLg 1.9 (MDD).
11	12	31	58.6&	40.318	N	27.406	E	5				6	TURKEY. <ISK>. MD 2.8 (ISK).
11	12	34	53.7*	53.094	N	160.140	E	50	*	4.4	1.1	32	NEAR EAST COAST OF KAMCHATKA
11	12	40	41.6	5.156	S	152.582	E	49		5.5 5.5	0.9	233	NEW BRITAIN REGION, P.N.G. Mw 5.7 (HRV), 5.5 (GS). Me 4.9 (GS).
													Broadband Source Parameters (GS): Dep 18; NP1: Strike=120, Dip=75, Slip=40; NP2: Strike=18, Dip=52, Slip=161; Radiated energy 5.5*10**11 Nm.
													Moment Tensor (GS): Dep 21; Principal axes (scale 10**17 Nm): (T) Val=2.56, Plg=52, Azm=352; (N) Val=-0.63, Plg=1, Azm=260; (P) Val=-1.93, Plg=38, Azm=169; Best double couple: Mo=2.2*10**17 Nm; NP1: Strike=250, Dip=7, Slip=79; NP2: Strike=81, Dip=83, Slip=91.
													Centroid, Moment Tensor (HRV): Centroid origin time 12:40:45.2; Lat 5.08 S; Lon 152.89 E; Dep 22.1 Fix; Half-duration 1.9 sec; Principal axes (scale 10**17 Nm): (T) Val=3.69, Plg=62, Azm=355; (N) Val=0.48, Plg=6, Azm=253; (P) Val=-4.17, Plg=27, Azm=160; Best double couple: Mo=3.9*10**17 Nm; NP1: Strike=235, Dip=18, Slip=71; NP2: Strike=75, Dip=73, Slip=96.
11	12	49	02.0*	4.969	S	152.754	E	37	?	4.1	1.6	13	NEW BRITAIN REGION, P.N.G.
11	12	50	47.3&	44.100	N	7.000	E	2				17	NORTHERN ITALY. <LDG>. ML 2.5 (LDG), 2.4 (STR).
11	13	22	13.9	2.829	S	139.398	E	10	G	4.5	1.2	23	NEAR NORTH COAST OF IRIAN JAYA
11	13	22	25.8?	57.29	S	142.36	W	10	G	5.2	1.0	12	PACIFIC-ANTARCTIC RIDGE. Mw 5.3 (HRV).
													Centroid, Moment Tensor (HRV): Centroid origin time 13:22:24.2; Lat 56.96 S; Lon 140.79 W; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**17 Nm): (T) Val=1.06, Plg=33, Azm=344; (N) Val=-0.06, Plg=49, Azm=122; (P) Val=-1.01, Plg=22, Azm=239; Best double couple: Mo=1.0*10**17 Nm; NP1: Strike=18, Dip=50, Slip=170; NP2: Strike=114, Dip=83, Slip=41.
11	13	43	27.5&	37.179	N	28.077	E	10	G			4	TURKEY. <ISK>. MD 3.0 (ISK).
11	14	00	19.2&	39.669	N	29.424	E	10	G			4	TURKEY. <ISK>. MD 2.8 (ISK).
11	14	30	06.5&	37.013	N	28.110	E	15				6	TURKEY. <ISK>. MD 3.3 (ISK).
11	14	30	23.2*	2.990	S	141.962	E	33	N	4.1	1.3	26	NEAR N COAST OF NEW GUINEA, PNG.
11	14	43	45.2&	37.110	N	4.640	W	0	G			7	SPAIN. <MDD>. mbLg 1.9 (MDD).
11	15	20	00.5&	61.229	N	150.825	W	56				19	SOUTHERN ALASKA. <AEIC>. ML 2.8 (AEIC), 3.0 (PMR).
11	15	32	44.4	8.814	N	83.574	W	23	D	4.7	1.0	29	COSTA RICA. MD 4.5 (UPA).
11	16	22	05.9?	5.28	S	152.88	E	33	N	3.9	1.2	7	NEW BRITAIN REGION, P.N.G.
11	16	42	20.2*	10.695	S	165.874	E	114	*	4.2	0.8	13	SANTA CRUZ ISLANDS
11	16	43	31.9&	18.740	N	65.210	W	57				5	PUERTO RICO REGION. <MPR>. MD 3.1 (MPR).
11	16	55	46.3	42.687	N	111.131	W	5	G		1.0	16	EASTERN IDAHO. ML 3.1 (GS). Felt in the Afton, Wyoming area.
11	17	18	08.5&	37.020	N	4.580	W	0	G			5	SPAIN. <MDD>. mbLg 1.4 (MDD).
11	17	19	47.6	18.404	N	101.061	W	13			1.5	19	GUERRERO, MEXICO. MD 4.2 (UNM).
11	18	46	31.6	42.348	N	143.051	E	68	*	4.3	1.1	35	HOKKAIDO, JAPAN REGION. Felt (II JMA) in southern Hokkaido.
11	19	30	59.3&	57.930	N	156.805	W	0		4.6		65	ALASKA PENINSULA. <AEIC>. ML 4.5 (AEIC), 4.6 (PMR).
11	20	02	50.0?	11.13	N	92.62	E	33	N	3.9	0.6	8	ANDAMAN ISLANDS, INDIA
11	20	25	48.4?	12.26	N	142.00	E	70	D	3.4	0.5	7	SOUTH OF MARIANA ISLANDS
11	20	28	51.9*	5.333	S	153.064	E	33	N	3.8	0.7	13	NEW IRELAND REGION, P.N.G.
11	21	14	41.8?	53.49	N	173.35	E	33	N	3.7	1.0	6	NEAR ISLANDS, ALEUTIAN ISLANDS
11	22	00	18.0&	19.591	N	156.427	W	38				15	HAWAII. <HVO>. MD 4.0 (HVO). Felt at Keauhou.
11	22	08	42.0	4.696	N	82.586	W	10	G	5.0 4.4	1.0	105	SOUTH OF PANAMA. Mw 5.2 (HRV). MD 4.6 (UPA).
													Centroid, Moment Tensor (HRV): Centroid origin time 22:08:47.6; Lat 4.57 N; Lon 82.71 W; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=8.39, Plg=13, Azm=318; (N) Val=0.08, Plg=75, Azm=170; (P) Val=-8.47, Plg=8, Azm=49; Best double couple:

														Mo=8.4*10**16 Nm; NP1: Strike=94, Dip=76, Slip=4; NP2: Strike=3, Dip=87, Slip=166.
11	23	27	03.8&	33.544	S	71.872	W	20				10	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.1 (GUC).
11	23	28	35.1*	5.150	S	102.874	E	33	N	4.2	0.8	10	SOUTHERN SUMATERA, INDONESIA
11	23	30	49.2	46.190	N	13.701	E	10	G		1.4	87	AUSTRIA. ML 4.0 (GRF), 3.7 (VIE), 3.7 (CLL), 3.7 (FUR), 3.6 (STR), 3.3 (FBB), 3.3 (LDG).
11	23	40	18.8?	13.51	S	166.68	E	33	N		1.1	25	VANUATU ISLANDS
11	23	54	09.0&	33.310	S	71.940	W	13				12	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.5 (GUC).
12	00	00	46.6	27.097	N	55.251	E	33	N	4.3	0.6	55	SOUTHERN IRAN
12	00	04	54.5&	57.975	N	156.766	W	1				35	ALASKA PENINSULA. <AEIC>. ML 3.6 (AEIC), 3.7 (PMR).
12	00	38	00.3&	58.042	N	156.450	W	0				27	ALASKA PENINSULA. <AEIC>. ML 3.3 (AEIC).
12	00	56	13.2	13.866	N	90.998	W	33	N	4.6 5.0	1.2	84	NEAR COAST OF GUATEMALA. Mw 5.6 (HRV). MD 5.0 (UNM). Felt (III) at San Salvador, El Salvador. Centroid, Moment Tensor (HRV): Centroid origin time 00:56:18.2; Lat 13.64 N; Lon 91.44 W; Dep 38.2; Half-duration 1.4 sec; Principal axes (scale 10**17 Nm): (T) Val=2.22, Plg=70, Azm=50; (N) Val=0.47, Plg=9, Azm=295; (P) Val=-2.69, Plg=18, Azm=202; Best double couple: Mo=2.5*10**17 Nm; NP1: Strike=279, Dip=28, Slip=72; NP2: Strike=119, Dip=63, Slip=100.
12	01	19	20.7&	33.331	S	71.951	W	15				12	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.9 (GUC).
12	01	32	53.2*	13.540	N	90.925	W	33	N	4.3	1.2	27	NEAR COAST OF GUATEMALA
12	02	19	24.8	23.614	S	13.500	W	10	G	4.7	0.7	65	SOUTHERN MID-ATLANTIC RIDGE
12	02	51	29.2&	45.200	N	6.400	E	2				6	FRANCE. <LDG>. ML 1.8 (LDG).
12	03	02	31.3*	37.158	N	142.195	E	33	N	3.4	0.8	15	OFF EAST COAST OF HONSHU, JAPAN
12	04	11	53.7&	18.040	N	65.550	W	0				8	PUERTO RICO REGION. <MPR>. MD 3.1 (MPR).
12	04	35	21.3&	30.609	S	69.722	W	234				8	CHILE-ARGENTINA BORDER REGION. <GUC>.
12	05	25	19.1&	7.160	N	78.439	W	19				7	PANAMA. <UPA>. MD 3.9 (UPA).
12	05	51	07.8&	57.922	N	156.919	W	25				70	ALASKA PENINSULA. <AEIC>. ML 4.2 (AEIC), 4.5 (PMR).
12	06	47	34.6*	45.488	N	151.425	E	54	D	4.4	0.9	15	KURIL ISLANDS
12	07	17	33.5&	33.790	S	68.487	W	10				10	MENDOZA PROVINCE, ARGENTINA. <GUC>. MD 3.3 (GUC).
12	07	20	03.8&	38.540	S	177.516	E	33	N		0.7	14	NORTH ISLAND, NEW ZEALAND. ML 4.3 (WEL).
12	07	48	49.7*	65.273	S	178.231	E	10	G	4.4	0.9	20	BALLENY ISLANDS REGION
12	08	24	04.9&	43.790	N	7.350	E	11				5	NEAR SOUTH COAST OF FRANCE. <STR>. ML 1.4 (STR).
12	08	58	57.8*	20.957	S	172.823	E	100	G	4.2	0.9	22	VANUATU ISLANDS REGION
12	09	02	48.3&	34.453	S	70.468	W	10				9	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.8 (GUC).
12	09	18	49.7&	31.296	S	68.776	W	189				10	SAN JUAN PROVINCE, ARGENTINA. <GUC>. MD 2.9 (GUC).
12	09	38	54.0*	13.570	N	90.815	W	33	N	4.3	1.3	21	NEAR COAST OF GUATEMALA
12	09	45	18.1*	23.983	S	66.945	W	200	G	4.4	1.2	12	JUJUY PROVINCE, ARGENTINA
12	09	56	43.2	39.833	N	19.825	E	10	G	4.2	1.5	46	GREECE-ALBANIA BORDER REGION. ML 4.0 (PDG).
12	10	12	48.5*	62.811	S	168.432	E	10	G		0.8	14	BALLENY ISLANDS REGION
12	10	34	36.2&	39.675	N	29.511	E	8				4	TURKEY. <ISK>. MD 2.7 (ISK).
12	11	26	36.8	18.535	N	145.415	E	236	D	5.1	1.0	168	MARIANA ISLANDS. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 11:26:42.5; Lat 18.57 N; Lon 145.46 E; Dep 221.1; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=7.62, Plg=70, Azm=132; (N) Val=-0.28, Plg=17, Azm=343; (P) Val=-7.34, Plg=10, Azm=250; Best double couple: Mo=7.5*10**16 Nm; NP1: Strike=320, Dip=38, Slip=61; NP2: Strike=175, Dip=57, Slip=111.
12	12	31	35.0	30.519	N	141.870	E	33	N	4.3	0.8	23	SOUTH OF HONSHU, JAPAN
12	12	45	34.9	54.662	N	161.538	E	33	N	4.6	0.8	27	NEAR EAST COAST OF KAMCHATKA
12	13	11	38.8&	31.896	S	68.733	W	181				11	SAN JUAN PROVINCE, ARGENTINA. <GUC>. MD 3.5 (GUC).
12	13	55	47.6&	31.142	S	71.531	W	24				12	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.8 (GUC).
12	14	18	23.9*	20.366	S	177.645	W	400	G	3.5	0.6	11	FIJI ISLANDS REGION
12	15	18	03.1	46.172	N	16.607	E	10	G		1.2	61	NORTHWESTERN BALKAN REGION. ML 4.2 (GRF), 3.8 (ZAG), 3.8 (VIE), 3.7 (FUR). Felt at Bjelovar, Krizevci and Koprivnica, Croatia.
12	15	44	04.2	51.624	N	16.239	E	10	G		0.7	18	POLAND. ML 3.8 (GRF), 3.6 (WAR), 3.5 (VIE).
12	16	11	40.3	40.330	N	125.362	W	10	G	3.8	0.8	90	OFF COAST OF NORTHERN CALIFORNIA. Mw 4.3 (BRK). ML 4.3 (BRK), 4.2 (GM). Moment Tensor (BRK): Dep 14; Principal axes (scale 10**15 Nm): (T) Val=3.49, Plg=1, Azm=49; (N) Val=0.00, Plg=88, Azm=301; (P) Val=-3.49, Plg=2, Azm=139; Best double couple: Mo=3.5*10**15 Nm; NP1: Strike=274, Dip=89, Slip=-178; NP2: Strike=184, Dip=88, Slip=-1.
12	16	53	52.1?	35.14	N	88.03	E	33	N	4.3	1.4	15	XIZANG
12	17	01	03.8	45.307	N	150.364	E	33	N	5.6 4.7	0.8	406	KURIL ISLANDS. Mw 5.4 (HRV). Felt (III) at Yuzhno-Kurilsk, Kunashir and Kurilsk, Iturup. Also felt (I JMA) in eastern Hokkaido. Centroid, Moment Tensor (HRV): Centroid origin time 17:01:08.3; Lat 45.33 N; Lon 150.70 E; Dep 35.1; Half-duration 1.3 sec; Principal axes (scale 10**17 Nm): (T) Val=1.36, Plg=73, Azm=278; (N) Val=0.19, Plg=10, Azm=41; (P) Val=-1.56, Plg=14, Azm=133; Best double couple: Mo=1.5*10**17 Nm; NP1: Strike=236, Dip=32, Slip=108; NP2: Strike=35, Dip=60, Slip=79.
12	17	45	27.6&	17.083	N	100.538	W	33				6	GUERRERO, MEXICO. <UNM>. MD 3.7 (UNM).
12	17	52	26.4&	33.195	S	70.929	W	68				11	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.5 (GUC).
12	18	40	35.9*	14.048	N	91.589	W	33	N	4.3	1.1	23	GUATEMALA. MD 4.5 (UNM).
12	20	53	40.1&	18.850	N	67.900	W	25	G			7	MONA PASSAGE. <MPR>. MD 3.2 (MPR).
12	20	57	20.8	9.260	N	93.594	E	100	G	4.3	1.0	60	NICOBAR ISLANDS, INDIA
12	21	31	58.3&	57.970	N	156.700	W	0		4.3		76	ALASKA PENINSULA. <AEIC>. ML 4.2 (AEIC), 4.3 (PMR).
12	21	46	29.2	41.844	N	13.122	E	10	G		0.9	37	SOUTHERN ITALY. ML 3.1 (LDG).
12	21	52	30.5	40.639	N	78.088	E	33	N	4.5	1.0	54	SOUTHERN XINJIANG, CHINA
12	22	45	55.1&	31.195	S	69.049	W	164				11	SAN JUAN PROVINCE, ARGENTINA. <GUC>. MD 3.2 (GUC).
12	22	49	56.9&	60.480	N	151.130	W	43				48	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.7 (AEIC).
12	22	57	28.5&	54.444	N	163.739	W	97				21	UNIMAK ISLAND REGION. <AEIC>.
13	00	12	01.7	44.729	N	10.088	E	10	G	3.7	1.2	118	NORTHERN ITALY. ML 4.0 (FUR), 4.0 (STR), 3.9 (LDG), 3.9 (VIE), 3.6 (FBB). MD 3.6 (ROM).
13	00	20	19.7*	57.945	N	157.030	W	33	N	3.1	0.9	7	ALASKA PENINSULA
13	00	27	51.3*	14.320	N	42.028	E	10	G	4.3	0.9	21	WESTERN ARABIAN PENINSULA. ML 4.9 (ARO).
13	00	58	29.5&	32.050	S	70.609	W	114				12	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.2 (GUC).

13	01	24	55.6*	28.188	N	89.877	E	10	G			1.1	13 XIZANG
13	01	58	54.0	46.206	N	13.682	E	10	G			1.1	71 AUSTRIA. ML 3.8 (GRF), 3.6 (VIE), 3.3 (STR), 3.3 (FUR), 3.2 (LDG). Felt (V) at Volarje, Slovenia.
13	02	38	39.5*	40.289	N	125.420	W	10	G			0.8	9 OFF COAST OF NORTHERN CALIFORNIA
13	02	50	43.8	46.198	N	13.753	E	10	G			1.2	14 AUSTRIA. ML 2.5 (VIE).
13	03	01	32.3&	59.533	N	152.990	W	110		4.3			107 SOUTHERN ALASKA. <AEIC>.
13	04	05	22.5&	59.945	N	153.430	W	142					15 SOUTHERN ALASKA. <AEIC>.
13	04	24	01.7*	14.074	S	75.752	W	70	D	4.1		0.7	17 NEAR COAST OF PERU
13	04	29	14.1&	32.530	S	71.449	W	22					11 NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.7 (GUC).
13	05	30	22.5	46.000	N	15.241	E	10	G			0.3	7 NORTHWESTERN BALKAN REGION. ML 1.9 (LJU).
13	05	41	55.3&	36.039	S	71.808	W	118					11 CENTRAL CHILE. <GUC>. MD 3.6 (GUC).
13	05	42	08.8*	21.872	N	144.540	E	33	N	3.7		0.4	9 MARIANA ISLANDS REGION
13	05	49	46.0&	30.061	S	72.600	W	54					13 OFF COAST OF CENTRAL CHILE. <GUC>. MD 4.6 (GUC).
13	06	14	52.9&	37.150	N	3.760	W	0	G				4 SPAIN. <MDD>. mbLg 1.9 (MDD).
13	06	30	14.7&	47.000	N	1.400	W	2					6 FRANCE. <LDG>. ML 2.4 (LDG).
13	06	37	46.4?	19.38	N	146.24	E	106	?	3.9		1.3	12 MARIANA ISLANDS REGION
13	06	44	02.8*	13.852	N	51.770	E	10	G	4.4		1.2	10 EASTERN GULF OF ADEN
13	06	50	03.5&	45.100	N	7.300	E	2					5 NORTHERN ITALY. <LDG>. ML 1.8 (LDG).
13	07	00	34.8	8.615	S	112.664	E	98		4.6		1.0	34 JAWA, INDONESIA
13	07	56	49.1&	54.248	N	164.606	W	110		4.0			21 UNIMAK ISLAND REGION. <AEIC>.
13	09	30	33.3?	6.70	S	129.66	E	150	G	4.0		1.1	13 BANDA SEA
13	09	45	46.3&	18.180	N	66.950	W	26					6 PUERTO RICO REGION. <MPR>. MD 2.2 (MPR).
13	09	58	13.4?	36.81	S	177.48	E	246	*			1.3	16 OFF E. COAST OF N. ISLAND, N.Z.
13	09	59	00.3	13.980	N	42.059	E	10	G	4.6		0.5	14 ETHIOPIA. ML 5.1 (ARO).
13	10	03	23.5?	23.16	S	114.95	W	10	G	4.6	4.3	0.7	17 EASTER ISLAND REGION
13	10	08	50.1	44.605	N	10.092	E	10	G			0.9	16 NORTHERN ITALY. ML 2.9 (STR), 2.6 (LDG), 2.5 (VIE).
13	10	35	05.2&	33,375	S	70.902	W	67					13 CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.3 (GUC).
13	10	49	48.3	57.960	N	157.004	W	33	N	3.7		0.8	12 ALASKA PENINSULA. ML 4.1 (PMR).
13	10	53	00.1&	33.210	S	70.372	W	100					11 CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.6 (GUC).
13	11	31	39.0*	26.106	N	128.646	E	33	N	4.5		1.3	26 RYUKYU ISLANDS
13	12	02	12.5*	30.198	N	57.447	E	33	N	4.1	3.8	1.1	19 NORTHERN IRAN
13	13	05	06.3	5.776	S	153.804	E	63		5.1		1.2	81 NEW IRELAND REGION, P.N.G. Mw 5.5 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 13:05:07.4; Lat 5.90 S; Lon 153.71 E; Dep 32.0 Bdy; Half-duration 1.3 sec; Principal axes (scale 10**17 Nm): (T) Val=1.80, Plg=65, Azm=8; (N) Val=-0.08, Plg=13, Azm=127; (P) Val=-1.72, Plg=21, Azm=222; Best double couple: Mo=1.8*10**17 Nm; NP1: Strike=334, Dip=26, Slip=119; NP2: Strike=122, Dip=67, Slip=76.
13	13	11	25.3&	18.330	N	67.770	W	153					10 MONA PASSAGE. <MPR>. MD 3.6 (MPR).
13	13	51	46.6&	39.536	N	29.571	E	10	G				4 TURKEY. <ISK>. MD 2.7 (ISK).
13	16	26	36.8&	37.351	N	29.948	E	10	G				5 TURKEY. <ISK>. MD 3.1 (ISK).
13	16	57	24.1	50.536	N	18.892	E	10	G			1.1	7 POLAND. ML 3.0 (CLL), 2.8 (WAR).
13	17	24	45.8	28.306	N	129.658	E	63	*	3.9		0.8	20 RYUKYU ISLANDS. Felt (II JMA) on Amami O-Shima.
13	18	07	46.6&	32.255	S	71.617	W	40					12 NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.1 (GUC).
13	19	50	23.0&	44.900	N	2.900	E	2					8 FRANCE. <LDG>. ML 2.5 (STR), 2.2 (LDG).
13	21	04	37.8&	44.470	N	6.260	E	3					39 FRANCE. <STR>. ML 2.9 (STR), 2.9 (LDG).
13	21	11	54.5&	44.450	N	6.300	E	5					43 FRANCE. <STR>. ML 3.1 (STR), 3.1 (LDG).
13	21	14	09.1&	53.841	N	163.894	W	33					8 UNIMAK ISLAND REGION. <AEIC>. ML 2.9 (AEIC).
13	21	17	46.3&	19.330	N	64.560	W	55					4 VIRGIN ISLANDS. <MPR>. MD 3.4 (MPR).
13	21	22	10.8&	18.940	N	66.880	W	30					8 PUERTO RICO REGION. <MPR>. MD 3.1 (MPR).
13	21	37	40.1	46.190	N	13.717	E	10	G			1.1	33 AUSTRIA. ML 3.3 (GRF), 3.0 (VIE), 2.9 (FUR), 2.8 (LDG). Felt (IV) at Bovec, Slovenia.
13	21	43	45.9&	35.440	S	71.947	W	14					12 CENTRAL CHILE. <GUC>. MD 3.9 (GUC). Felt (II) at Talca.
13	21	43	55.5&	19.050	N	66.900	W	26					10 PUERTO RICO REGION. <MPR>. MD 3.0 (MPR).
13	21	53	21.6*	43.784	N	2.453	W	10	G			1.1	7 SPAIN. ML 2.4 (LDG).
13	22	28	12.3&	42.400	N	1.500	E	2					4 PYRENEES. <LDG>. ML 1.9 (LDG).
13	23	02	05.6	5.147	S	151.714	E	61		6.0		0.9	380 NEW BRITAIN REGION, P.N.G. Mw 6.6 (HRV), 6.5 (GS). Me 5.6 (GS). Minor damage in the Kokopo area. Felt in much of New Britain and on nearby islands. Broadband Source Parameters (GS): Dep 28; NP1: Strike=300, Dip=35, Slip=125; NP2: Strike=79, Dip=62, Slip=68; Radiated energy 5.6*10**12 Nm. Two events about 3 seconds apart. Depth based on first event. Moment Tensor (GS): Dep 30; Principal axes (scale 10**18 Nm): (T) Val=5.75, Plg=77, Azm=22; (N) Val=0.17, Plg=9, Azm=247; (P) Val=-5.92, Plg=9, Azm=156; Best double couple: Mo=5.8*10**18 Nm; NP1: Strike=235, Dip=37, Slip=74; NP2: Strike=74, Dip=55, Slip=101. Centroid, Moment Tensor (HRV): Centroid origin time 23:02:15.5; Lat 5.27 S; Lon 152.24 E; Dep 42.4; Half-duration 5.3 sec; Principal axes (scale 10**19 Nm): (T) Val=0.95, Plg=72, Azm=6; (N) Val=0.08, Plg=8, Azm=252; (P) Val=-1.04, Plg=16, Azm=159; Best double couple: Mo=1.0*10**19 Nm; NP1: Strike=238, Dip=30, Slip=74; NP2: Strike=76, Dip=62, Slip=99. Scalar Moment (PPT): Mo=5.5*10**18 Nm.
13	23	39	24.8&	32.529	S	71.751	W	28					10 NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.6 (GUC).
13	23	58	28.0&	31.236	S	71.526	W	33					13 NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.9 (GUC).
14	00	00	18.8	2.876	S	141.369	E	33	N	4.5		0.8	24 NEAR N COAST OF NEW GUINEA, PNG.
14	00	01	20.8&	31.104	S	72.000	W	18					11 OFF COAST OF CENTRAL CHILE. <GUC>. MD 4.2 (GUC).
14	00	10	10.4%	52.970	N	35.115	W	10	G			1.3	13 NORTH ATLANTIC OCEAN
14	00	25	19.9	47.205	N	9.298	E	10	G			0.9	34 GERMANY. ML 2.9 (VIE), 2.8 (FBB), 2.7 (LDG), 2.6 (FUR), 2.6 (STR).
14	00	55	13.2&	53.163	N	161.889	W	0					6 SOUTH OF ALASKA. <AEIC>. ML 2.7 (AEIC).
14	01	20	37.1	46.239	N	13.799	E	10	G			0.9	9 AUSTRIA. ML 2.5 (VIE).
14	01	24	52.6&	56.568	N	156.144	W	48		3.7			42 ALASKA PENINSULA. <AEIC>. ML 3.5 (AEIC).
14	01	56	06.0&	44.760	N	110.880	W	3					30 YELLOWSTONE REGION, WYOMING. <SLC-P>. ML 3.1 (SLC), 3.2 (GS), 3.3 (BUT).
14	02	41	17.9&	44.380	N	7.470	E	3					9 NORTHERN ITALY. <STR>. ML 1.9 (LDG), 1.4 (STR).
14	02	45	21.5	47.163	N	9.079	E	10	G			0.9	27 GERMANY. ML 2.6 (LDG), 2.5 (VIE), 2.4 (STR), 2.4 (FUR).
14	03	03	30.5	12.759	N	93.914	E	112	D	4.5		0.8	21 ANDAMAN ISLANDS, INDIA
14	03	29	13.6*	36.265	N	70.513	E	179	D	3.9		0.9	13 HINDU KUSH REGION, AFGHANISTAN

14	04	09	15.6&	17.514	N	101.660	W	23				5	NEAR COAST OF GUERRERO, MEXICO. <UNM>. MD 3.9 (UNM).
14	04	09	38.4*	7.456	S	119.945	E	450	G	4.6	0.8	12	FLORES SEA
14	05	54	27.8&	54.645	N	161.422	W	15				12	ALASKA PENINSULA. <AEIC>. ML 3.1 (AEIC).
14	06	00	45.2&	33.340	S	68.287	W	6				12	MENDOZA PROVINCE, ARGENTINA. <GUC>. MD 4.0 (GUC).
14	06	20	35.6	29.310	N	141.979	E	33	N	5.3 5.0	0.9	188	SOUTH OF HONSHU, JAPAN. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 06:20:38.7; Lat 29.29 N; Lon 142.14 E; Dep 16.0 Bdy; Half-duration 1.1 sec; Principal axes (scale 10**17 Nm): (T) Val=1.34, Plg=62, Azm=275; (N) Val=0.09, Plg=4, Azm=178; (P) Val=-1.43, Plg=27, Azm=86; Best double couple: Mo=1.4*10**17 Nm; NP1: Strike=167, Dip=18, Slip=78; NP2: Strike=359, Dip=73, Slip=94.
14	06	24	50.4	56.959	N	145.856	W	10	G		0.5	38	GULF OF ALASKA. ML 3.3 (AEIC).
14	06	30	41.1*	8.185	N	39.244	W	10	G	4.4	1.1	15	CENTRAL MID-ATLANTIC RIDGE
14	06	32	11.9&	31.115	S	68.099	W	116				11	SAN JUAN PROVINCE, ARGENTINA. <GUC>. MD 3.7 (GUC).
14	06	33	15.7&	17.950	N	64.670	W	25				10	VIRGIN ISLANDS. <MPR>. MD 3.6 (MPR).
14	06	42	12.6&	57.839	N	154.264	W	66				35	KODIAK ISLAND REGION. <AEIC>. ML 3.1 (AEIC).
14	07	20	10.3*	2.361	N	126.279	E	33	N	4.6	1.1	22	NORTHERN MOLUCCA SEA
14	08	04	03.1&	39.570	N	29.484	E	5	G			4	TURKEY. <ISK>. MD 2.6 (ISK).
14	08	13	41.9&	37.643	N	118.952	W	7				11	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM). ML 2.9 (GS).
14	08	19	00.8*	35.450	S	110.766	W	10	G	4.7 4.8	1.4	26	SOUTHERN EAST PACIFIC RISE. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 08:19:06.3; Lat 35.62 S; Lon 110.97 W; Dep 15.0 Fix; Half-duration 1.1 sec; Principal axes (scale 10**17 Nm): (T) Val=1.30, Plg=8, Azm=260; (N) Val=-0.21, Plg=82, Azm=80; (P) Val=-1.09, Plg=0, Azm=170; Best double couple: Mo=1.2*10**17 Nm; NP1: Strike=305, Dip=85, Slip=175; NP2: Strike=35, Dip=85, Slip=5.
14	08	20	36.8&	31.668	S	72.564	W	20				10	OFF COAST OF CENTRAL CHILE. <GUC>. MD 4.1 (GUC).
14	08	50	10.2&	37.497	N	118.802	W	10				9	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.4 (GM).
14	08	58	05.6&	16.832	N	102.033	W	29				10	OFF COAST OF GUERRERO, MEXICO. <UNM>. MD 4.1 (UNM).
14	09	12	40.9*	42.866	N	143.243	E	83	D	4.7	1.1	9	HOKKAIDO, JAPAN REGION. Felt (I JMA) in southeastern Hokkaido.
14	09	27	18.0	38.643	S	177.451	E	56		4.6	0.9	36	NORTH ISLAND, NEW ZEALAND
14	09	47	22.7?	49.05	N	155.43	E	33	N		1.2	8	KURIL ISLANDS
14	09	49	50.3?	48.58	N	155.17	E	33	N	4.9	1.4	19	KURIL ISLANDS
14	10	15	02.4	0.070	N	124.582	E	33	N	5.2	1.0	85	MINAHASSA PENINSULA, SULAWESI. Mw 5.3 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 10:15:16.3; Lat 0.48 N; Lon 124.82 E; Dep 93.2; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=8.42, Plg=19, Azm=311; (N) Val=1.35, Plg=47, Azm=62; (P) Val=-9.77, Plg=37, Azm=206; Best double couple: Mo=9.1*10**16 Nm; NP1: Strike=355, Dip=49, Slip=-165; NP2: Strike=255, Dip=79, Slip=-41.
14	10	27	07.9&	15.617	N	99.372	W	16				19	OFF COAST OF GUERRERO, MEXICO. <UNM>. MD 4.2 (UNM).
14	10	29	53.3&	42.299	N	18.324	E	16				9	NORTHWESTERN BALKAN REGION. <PDG>. ML 2.1 (PDG).
14	10	44	38.2?	12.85	N	86.64	W	250	G	4.5	0.8	11	NICARAGUA
14	10	45	27.0&	44.400	N	7.600	E	2				5	NORTHERN ITALY. <LDG>. ML 2.0 (LDG).
14	10	53	44.2	40.244	N	143.266	E	33	N	5.4 4.9	0.8	256	OFF EAST COAST OF HONSHU, JAPAN. Mw 5.5 (HRV). Felt (II JMA) in parts of Aomori and Miyagi; (I JMA) in Iwate and northern Akita Prefectures. Also felt (I JMA) in the Tomakomai area, Hokkaido. Centroid, Moment Tensor (HRV): Centroid origin time 10:53:45.7; Lat 40.28 N; Lon 143.49 E; Dep 24.6; Half-duration 1.3 sec; Principal axes (scale 10**17 Nm): (T) Val=1.81, Plg=59, Azm=299; (N) Val=0.11, Plg=5, Azm=200; (P) Val=-1.92, Plg=31, Azm=107; Best double couple: Mo=1.9*10**17 Nm; NP1: Strike=181, Dip=15, Slip=70; NP2: Strike=22, Dip=76, Slip=95.
14	10	56	15.1*	48.524	N	155.376	E	33	N	5.3	1.0	26	KURIL ISLANDS
14	11	03	02.7*	40.260	N	143.243	E	33	N	4.8	1.1	26	OFF EAST COAST OF HONSHU, JAPAN
14	11	27	39.1&	43.100	N	1.700	W	2				4	PYRENEES. <LDG>. ML 2.3 (LDG).
14	12	04	05.7*	48.676	N	155.423	E	33	N		1.2	11	KURIL ISLANDS
14	12	15	30.1&	41.770	N	19.504	E	11				12	ALBANIA. <PDG>. ML 2.7 (PDG).
14	12	26	24.0&	42.380	N	111.550	W	0				23	EASTERN IDAHO. <SLC-P>. ML 2.8 (SLC), 3.0 (GS).
14	12	39	19.2	27.892	N	56.702	E	33	N	4.3	1.1	34	SOUTHERN IRAN
14	12	42	16.6&	39.626	N	29.416	E	10	G			4	TURKEY. <ISK>. MD 2.7 (ISK).
14	12	59	15.4	10.339	S	160.673	E	33	N	4.8	0.9	40	SOLOMON ISLANDS
14	13	23	02.5	55.367	S	28.291	W	33	N	4.9 5.0	1.1	57	SOUTH SANDWICH ISLANDS REGION. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 13:23:05.7; Lat 55.35 S; Lon 28.53 W; Dep 40.8; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=1.15, Plg=49, Azm=276; (N) Val=0.25, Plg=25, Azm=153; (P) Val=-1.40, Plg=30, Azm=48; Best double couple: Mo=1.3*10**17 Nm; NP1: Strike=89, Dip=27, Slip=23; NP2: Strike=338, Dip=80, Slip=115.
14	13	30	35.3&	40.617	N	28.590	E	6				4	TURKEY. <ISK>. MD 2.7 (ISK).
14	13	52	20.1&	35.262	S	70.628	W	0				11	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.9 (GUC).
14	14	14	04.8&	32.841	S	70.175	W	113				9	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.9 (GUC).
14	14	18	21.2&	44.700	N	6.890	E	2				18	FRANCE. <STR>. ML 2.8 (LDG), 2.5 (STR).
14	15	10	34.9	26.155	N	124.495	E	219		4.4	0.8	30	NORTHEAST OF TAIWAN
14	15	28	24.2	29.260	N	141.963	E	33	N	4.8 4.4	0.9	77	SOUTH OF HONSHU, JAPAN
14	15	34	47.5&	46.500	N	8.600	E	2				4	SWITZERLAND. <LDG>. ML 2.3 (LDG).
14	16	01	20.2*	5.429	S	151.360	E	82	*	4.3	1.1	13	NEW BRITAIN REGION, P.N.G.
14	16	36	22.2*	11.224	S	115.965	E	33	N	3.5	0.9	5	SOUTH OF BALI, INDONESIA
14	16	56	30.3&	15.436	N	60.982	W	85				8	LEEWARD ISLANDS. <FDF>. MG 2.7 (FDF).
14	17	13	59.2&	41.486	N	20.264	E	7				11	ALBANIA. <PDG>. ML 2.4 (PDG).
14	18	00	51.5*	22.797	S	178.967	E	600	G	4.7	0.9	37	SOUTH OF FIJI ISLANDS
14	18	42	40.6*	49.720	N	28.664	W	10	G		1.3	9	NORTHERN MID-ATLANTIC RIDGE
14	18	55	07.3?	51.88	N	175.21	W	33	N	4.2	1.0	9	ANDREANOF ISLANDS, ALEUTIAN IS.
14	18	56	23.4	40.254	N	143.253	E	33	N	5.8 5.7	0.9	421	OFF EAST COAST OF HONSHU, JAPAN. Mw 6.0 (GS), 6.0 (HRV). Me 5.9 (GS). Felt (III JMA) in northern Miyagi; (II JMA) in

parts of Aomori and Iwate; (I JMA) in northern Fukushima and parts of Akita and Yamagata Prefectures. Also felt (I JMA) in southern Hokkaido.
Broadband Source Parameters (GS): Dep 15; NP1: Strike=15, Dip=80, Slip=110; NP2: Strike=131, Dip=22, Slip=27; Radiated energy 1.6*10**13 Nm.
Moment Tensor (GS): Dep 13; Principal axes (scale 10**18 Nm): (T) Val=1.01, Plg=52, Azm=308; (N) Val=0.00, Plg=13, Azm=201; (P) Val=-1.01, Plg=35, Azm=101; Best double couple: Mo=1.0*10**18 Nm; NP1: Strike=145, Dip=16, Slip=33; NP2: Strike=23, Dip=81, Slip=103.
Centroid, Moment Tensor (HRV): Centroid origin time 18:56:23.1; Lat 40.18 N; Lon 143.51 E; Dep 19.0 Bdy; Half-duration 2.4 sec; Principal axes (scale 10**18 Nm): (T) Val=0.96, Plg=61, Azm=300; (N) Val=0.07, Plg=5, Azm=202; (P) Val=-1.04, Plg=28, Azm=109; Best double couple: Mo=1.0*10**18 Nm; NP1: Strike=187, Dip=17, Slip=75; NP2: Strike=23, Dip=73, Slip=95.

14	19	00	11.2&	38.944	N	25.976	E	11					17	AEGEAN SEA. <ISK>. MD 3.6 (ISK).
14	19	03	35.9*	3.352	N	79.449	W	33	N	4.7		1.5	26	SOUTH OF PANAMA. MD 4.3 (UPA).
14	19	18	58.3*	40.219	N	143.327	E	33	N	4.7		1.0	28	OFF EAST COAST OF HONSHU, JAPAN
14	19	28	38.7*	51.228	N	15.766	E	5	G			1.5	9	POLAND. ML 3.1 (VIE), 2.8 (WAR).
14	19	54	20.7	11.917	N	85.907	W	156	D	4.5		1.0	94	NICARAGUA. MD 4.8 (UPA).
14	19	55	48.4?	39.96	N	144.04	E	33	N			0.8	6	OFF EAST COAST OF HONSHU, JAPAN
14	20	03	17.6	20.119	S	169.276	E	49	D	5.2	5.2	1.2	117	VANUATU ISLANDS
14	20	38	45.7*	35.865	N	73.701	E	33	N	4.2		1.2	22	NORTHWESTERN KASHMIR
14	20	57	55.8&	33.044	S	70.063	W	120					11	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.6 (GUC).
14	22	02	50.2	29.302	N	142.053	E	33	N	4.5		1.0	38	SOUTH OF HONSHU, JAPAN
14	22	45	44.7&	33.326	S	71.960	W	26					16	NEAR COAST OF CENTRAL CHILE. <GUC>. Felt (II) at Algarrobo, El Quisco and San Antonio.
14	22	46	02.3	37.781	S	73.060	W	37		4.8		0.9	49	NEAR COAST OF CENTRAL CHILE. MD 4.9 (GUC). Felt (IV) at Angol; (III) at Arauco, Canete, Lebu, Los Angeles, Puerto Saavedra and Temuco; (II) at Collipulli and Traiguen.
14	22	48	54.0?	15.04	N	92.36	W	100	G	4.4		1.4	14	MEXICO-GUATEMALA BORDER REGION
14	22	49	11.0&	33.313	S	71.912	W	14					13	NEAR COAST OF CENTRAL CHILE. <GUC>.
14	22	50	07.0&	33.325	S	71.929	W	19					16	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.1 (GUC).
14	23	28	31.2*	43.595	N	145.088	E	100	G	4.1		1.2	20	HOKKAIDO, JAPAN REGION
15	00	02	40.6	12.206	N	143.842	E	33	N	5.4	5.0	1.0	201	SOUTH OF MARIANA ISLANDS. Mw 5.5 (GS), 5.5 (HRV).

Moment Tensor (GS): Dep 3; Principal axes (scale 10**17 Nm): (T) Val=2.11, Plg=35, Azm=79; (N) Val=-0.23, Plg=9, Azm=343; (P) Val=-1.89, Plg=54, Azm=240; Best double couple: Mo=2.0*10**17 Nm; NP1: Strike=205, Dip=13, Slip=-47; NP2: Strike=341, Dip=80, Slip=-99.
Centroid, Moment Tensor (HRV): Centroid origin time 00:02:40.2; Lat 11.92 N; Lon 143.84 E; Dep 15.0 Bdy; Half-duration 1.3 sec; Principal axes (scale 10**17 Nm): (T) Val=2.02, Plg=18, Azm=61; (N) Val=-0.41, Plg=1, Azm=331; (P) Val=-1.61, Plg=72, Azm=236; Best double couple: Mo=1.8*10**17 Nm; NP1: Strike=153, Dip=27, Slip=-87; NP2: Strike=330, Dip=63, Slip=-92.

15	00	29	35.4&	31.647	S	69.804	W	143					11	SAN JUAN PROVINCE, ARGENTINA. <GUC>. MD 2.9 (GUC).
15	00	45	50.3*	31.990	S	179.327	W	100	G	4.8		1.3	24	KERMADEC ISLANDS REGION
15	01	09	54.0&	48.620	N	123.040	W	14					39	VANCOUVER ISLAND REGION. <PGC-P>. ML 2.5 (PGC). MD 2.6 (SEA).
15	01	14	31.7*	17.966	S	69.336	W	145	*	4.5		0.9	16	PERU-BOLIVIA BORDER REGION
15	01	22	51.3&	59.637	N	152.314	W	79					17	SOUTHERN ALASKA. <AEIC>.
15	01	42	29.0?	1.97	N	125.15	E	33	N	4.3		1.2	11	NORTHERN MOLUCCA SEA
15	01	50	03.6*	10.028	N	93.296	E	66	D	4.4		1.1	17	ANDAMAN ISLANDS, INDIA
15	01	51	53.6?	28.12	S	178.50	E	500	G	4.1		1.2	13	KERMADEC ISLANDS REGION
15	02	37	27.0*	27.175	N	100.070	E	33	N	4.2		1.2	20	YUNNAN, CHINA
15	03	28	33.7&	18.610	N	66.830	W	17					9	PUERTO RICO REGION. <MPR>. MD 2.6 (MPR).
15	04	45	23.6&	33.688	S	71.120	W	64					16	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.2 (GUC). Felt (III) at Melipilla, Rancagua and Santiago; (II) at Casablanca, San Antonio and San Fernando.
15	05	32	14.5	37.966	N	20.171	E	10	G	3.9		1.2	34	IONIAN SEA
15	05	33	36.2&	41.495	N	20.317	E	9					11	ALBANIA. <PDG>. ML 3.5 (PDG).
15	05	43	21.2&	34.431	S	72.119	W	47					12	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.3 (GUC).
15	05	46	29.4*	15.330	S	172.883	W	33	N	4.3		0.3	12	SAMOA ISLANDS REGION
15	05	58	06.0	14.178	N	144.880	E	154	D	5.7		1.1	256	MARIANA ISLANDS. Mw 6.0 (GS), 6.0 (HRV). Me 5.4 (GS). mb 6.1 (BRK). Felt on Guam and Saipan.

Broadband Source Parameters (GS): Dep 158; NP1: Strike=80, Dip=70, Slip=125; NP2: Strike=196, Dip=40, Slip=32; Radiated energy 2.7*10**12 Nm.
Moment Tensor (GS): Dep 153; Principal axes (scale 10**18 Nm): (T) Val=1.17, Plg=45, Azm=32; (N) Val=0.01, Plg=38, Azm=250; (P) Val=-1.17, Plg=20, Azm=143; Best double couple: Mo=1.2*10**18 Nm; NP1: Strike=189, Dip=42, Slip=23; NP2: Strike=82, Dip=75, Slip=130.
Centroid, Moment Tensor (HRV): Centroid origin time 05:58:12.0; Lat 13.99 N; Lon 144.99 E; Dep 167.6; Half-duration 2.6 sec; Principal axes (scale 10**18 Nm): (T) Val=1.31, Plg=45, Azm=31; (N) Val=-0.09, Plg=39, Azm=248; (P) Val=-1.22, Plg=19, Azm=141; Best double couple: Mo=1.3*10**18 Nm; NP1: Strike=187, Dip=43, Slip=23; NP2: Strike=80, Dip=75, Slip=131.

15	05	58	24.7&	31.326	S	71.895	W	23					10	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.6 (GUC).
15	06	16	16.7?	26.37	S	178.69	E	600	G	4.4		0.6	13	SOUTH OF FIJI ISLANDS
15	06	32	53.0?	51.75	N	179.75	E	100	G	3.7		1.0	6	RAT ISLANDS, ALEUTIAN ISLANDS
15	06	34	17.8&	30.611	S	71.289	W	15					9	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.7 (GUC).
15	06	54	09.9&	41.548	N	20.128	E	10					11	ALBANIA. <PDG>. ML 2.7 (PDG).
15	07	58	35.6&	36.620	N	4.410	W	59					12	STRAIT OF GIBRALTAR. <MDD>.
15	08	17	59.7	35.915	N	26.294	E	33	N			1.0	16	CRETE
15	08	28	37.8&	43.850	N	8.400	E	2	G				4	CORSICA. <STR>. ML 2.3 (STR).
15	08	41	24.7	10.151	N	93.957	E	33	N	5.1	4.8	1.1	98	ANDAMAN ISLANDS, INDIA. Mw 5.2 (HRV).

													Centroid, Moment Tensor (HRV): Centroid origin time 08:41:26.2; Lat 10.57 N; Lon 93.82 E; Dep 45.4; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=7.78, Plg=4, Azm=323; (N) Val=-0.42, Plg=77, Azm=71; (P) Val=-7.36, Plg=13, Azm=232; Best double couple: Mo=7.6*10**16 Nm; NP1: Strike=8, Dip=78, Slip=-174; NP2: Strike=277, Dip=84, Slip=-12.
15	08	47	16.3*	9.192	N	93.074	E	33	N	4.4	1.3	15	NICOBAR ISLANDS, INDIA
15	08	50	25.9*	23.798	N	121.893	E	33	N	4.1	0.8	11	TAIWAN. Felt (III JMA) in northeastern Taiwan.
15	08	51	56.6?	9.09	N	93.51	E	33	N	4.0	1.5	6	NICOBAR ISLANDS, INDIA
15	08	52	42.3*	10.170	N	93.953	E	33	N	4.3	0.5	8	ANDAMAN ISLANDS, INDIA
15	09	09	26.1	30.614	S	71.948	W	33	N	4.9	0.6	23	NEAR COAST OF CENTRAL CHILE. MD 4.4 (GUC). Felt (IV) at Hurtado, Ovalle and Punitaqui; (III) at Combarbala, Illapel, Monte Patria and Salamanca.
15	09	10	46.0*	9.707	N	93.727	E	33	N	3.9	0.9	10	NICOBAR ISLANDS, INDIA
15	09	17	04.6*	9.837	N	93.857	E	33	N	4.4	1.4	12	NICOBAR ISLANDS, INDIA
15	09	17	08.0&	17.380	N	99.685	W	54				25	GUERRERO, MEXICO. <UNM>. MD 4.2 (UNM).
15	09	21	00.2&	58.842	N	150.632	W	64				18	GULF OF ALASKA. <AEIC>. ML 2.9 (AEIC).
15	09	22	06.7?	14.30	S	166.42	E	33	N		0.9	6	VANUATU ISLANDS
15	09	45	24.2&	63.279	N	151.559	W	7				25	CENTRAL ALASKA. <AEIC>. ML 3.1 (AEIC), 3.7 (PMR).
15	10	33	41.8*	17.615	S	178.926	W	600	G	4.5	0.8	26	FIJI ISLANDS REGION
15	10	38	12.5?	6.26	S	129.67	E	33	N	3.9	1.2	8	BANDA SEA
15	10	42	22.0&	39.640	N	29.387	E	10	G			5	TURKEY. <ISK>. MD 2.8 (ISK).
15	11	17	47.1*	4.808	S	138.693	E	33	N	3.8	0.4	6	IRIAN JAYA, INDONESIA
15	11	27	13.6*	14.135	N	51.733	E	10	G	4.6 3.7	1.2	38	EASTERN GULF OF ADEN
15	11	42	35.0	13.294	N	147.028	E	33	N	4.7	1.0	66	SOUTH OF MARIANA ISLANDS
15	13	26	21.9*	28.041	N	129.819	E	33	N	4.4	1.5	15	RYUKYU ISLANDS. Felt (III JMA) on Amami O-Shima.
15	13	32	25.7?	35.56	S	110.77	W	10	G		0.8	7	SOUTHERN EAST PACIFIC RISE
15	13	37	48.4	46.203	N	13.577	E	10	G		1.1	31	AUSTRIA. ML 3.6 (GRF), 3.4 (VIE), 3.3 (FUR), 3.3 (LDG). Felt (IV) at Bovec and Kobarid, Slovenia.
15	13	52	40.8&	16.091	N	98.299	W	17				21	NEAR COAST OF GUERRERO, MEXICO. <UNM>. MD 4.4 (UNM).
15	14	07	11.6*	9.768	N	93.836	E	33	N	3.7	1.0	5	NICOBAR ISLANDS, INDIA
15	14	11	25.6*	10.065	N	94.013	E	33	N	4.6	1.4	15	ANDAMAN ISLANDS, INDIA
15	14	18	38.9	34.684	N	26.422	E	33	N		0.7	24	CRETE
15	14	47	50.9&	44.900	N	9.900	E	2				14	NORTHERN ITALY. <LDG>. ML 2.8 (STR), 2.7 (LDG).
15	14	48	48.2&	38.981	S	175.792	E	5	G		0.7	9	NORTH ISLAND, NEW ZEALAND. ML 3.9 (WEL).
15	15	04	18.8*	46.685	N	15.166	E	10	G		1.0	6	NORTHWESTERN BALKAN REGION. ML 3.0 (LJU).
15	15	13	53.7&	33.123	S	71.029	W	18				9	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.2 (GUC).
15	15	16	33.8&	42.810	N	7.130	W	0	G			5	SPAIN. <MDD>. mbLg 3.1 (MDD).
15	15	16	47.6&	42.800	N	7.270	W	13				28	SPAIN. <MDD>. ML 3.5 (LDG). mbLg 3.3 (MDD).
15	15	19	52.4?	1.05	S	136.33	E	33	N	4.2	1.4	8	IRIAN JAYA REGION, INDONESIA
15	15	26	56.4?	14.20	N	91.96	W	48	?	4.4	0.8	12	GUATEMALA
15	15	40	38.4*	35.342	N	88.160	E	33	N	4.2	1.2	19	XIZANG
15	16	11	12.2&	57.978	N	156.811	W	6				4	ALASKA PENINSULA. <AEIC>. ML 2.6 (AEIC).
15	17	19	46.9&	17.573	N	94.794	W	156				21	CHIAPAS, MEXICO. <UNM>. MD 4.2 (UNM).
15	17	22	36.8*	36.306	N	142.472	E	33	N	3.8	1.2	9	OFF EAST COAST OF HONSHU, JAPAN
15	17	33	36.7&	46.320	N	7.530	E	2	G			24	SWITZERLAND. <STR>. ML 2.7 (LDG), 2.6 (STR).
15	17	39	18.6*	14.158	N	145.192	E	173		3.8	0.7	14	MARIANA ISLANDS
15	17	46	30.3&	33.303	S	71.938	W	17				14	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.4 (GUC).
15	17	47	58.7&	42.830	N	7.180	W	0	G			6	SPAIN. <MDD>. mbLg 3.2 (MDD).
15	18	26	56.8&	54.980	N	162.029	W	90				11	ALASKA PENINSULA. <AEIC>.
15	18	45	07.1	34.931	N	139.820	E	89	*	4.5	1.2	56	NEAR S. COAST OF HONSHU, JAPAN. Felt (III JMA) in Kanagawa, southern Chiba, and parts of Tokyo; (II JMA) in parts of Chiba, Ibaraki, Saitama, Shizuoka, Tochigi and Yamanashi Prefectures.
15	19	13	15.6&	19.220	N	67.800	W	55				4	MONA PASSAGE. <MPR>. MD 3.0 (MPR).
15	20	11	05.2	44.647	N	10.815	E	10	G		1.0	29	NORTHERN ITALY. ML 3.5 (STR), 3.1 (LDG).
15	20	17	53.8&	40.848	N	28.750	E	5				8	TURKEY. <ISK>. MD 2.7 (ISK).
15	20	53	50.7?	50.29	N	18.96	E	5	G		0.8	5	POLAND. ML 2.6 (WAR).
15	21	06	19.0	15.108	S	71.865	W	130	D	4.6	0.8	53	SOUTHERN PERU
15	21	18	20.3	43.248	N	12.719	E	10	G		0.9	26	CENTRAL ITALY. ML 3.2 (LDG).
15	21	20	03.2&	40.762	N	27.865	E	8				6	TURKEY. <ISK>. MD 2.6 (ISK).
15	21	22	04.8&	40.748	N	27.985	E	10	G			5	TURKEY. <ISK>. MD 2.7 (ISK).
15	21	27	26.4&	19.140	N	66.490	W	49				11	PUERTO RICO REGION. <MPR>. MD 3.5 (MPR).
15	22	09	44.3*	23.479	S	179.856	E	550	G	4.3	0.8	33	SOUTH OF FIJI ISLANDS
15	22	52	49.2&	45.100	N	6.500	E	2				5	FRANCE. <LDG>. ML 1.8 (LDG).
15	23	00	55.4&	44.400	N	10.000	E	2				7	NORTHERN ITALY. <LDG>. ML 2.3 (LDG).
15	23	12	28.9&	45.700	N	6.900	E	2				10	FRANCE. <LDG>. ML 2.2 (LDG).
15	23	21	54.8&	32.948	S	70.271	W	103				14	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.9 (GUC).
15	23	54	15.6	26.160	S	130.795	E	10	G		1.1	13	SOUTH AUSTRALIA
15	23	58	00.8*	19.229	S	173.749	W	33	N	4.3	1.0	18	TONGA ISLANDS
16	00	33	16.2&	45.500	N	4.800	E	2				15	FRANCE. <LDG>. ML 2.3 (STR), 2.1 (LDG).
16	00	47	41.6&	40.789	N	27.873	E	6				4	TURKEY. <ISK>. MD 2.6 (ISK).
16	00	53	25.6	5.893	S	125.376	E	550	G	5.2	0.8	86	BANDA SEA
16	01	10	20.0&	18.510	N	66.940	W	114				10	PUERTO RICO REGION. <MPR>. MD 2.9 (MPR).
16	01	17	47.2*	22.228	S	175.839	W	33	N	4.0	0.5	9	TONGA ISLANDS REGION
16	01	34	52.1	46.156	N	149.373	E	200	G	4.2	1.0	66	KURIL ISLANDS
16	02	07	04.1*	3.176	S	136.866	E	33	N	3.8	1.1	10	IRIAN JAYA, INDONESIA
16	02	12	06.8&	33.860	S	70.061	W	6				12	CHILE-ARGENTINA BORDER REGION. <GUC>.
16	02	22	03.2	22.227	S	179.519	W	586	D	6.1	1.0	598	SOUTH OF FIJI ISLANDS. Mw 6.9 (HRV), 6.8 (GS). Me 6.6 (GS). Broadband Source Parameters (GS): Dep 586; NP1: Strike=17, Dip=82, Slip=-95; NP2: Strike=229, Dip=9, Slip=-58; Radiated energy 1.9*10**14 Nm. Moment Tensor (GS): Dep 596; Principal axes (scale 10**19 Nm): (T) Val=2.00, Plg=36, Azm=103; (N) Val=0.01, Plg=5, Azm=197; (P) Val=-2.02, Plg=54, Azm=293; Best double couple: Mo=2.0*10**19 Nm; NP1: Strike=169, Dip=10, Slip=-118; NP2: Strike=17, Dip=81, Slip=-85. Centroid, Moment Tensor (HRV): Centroid origin time 02:22:10.2; Lat 22.27 S; Lon 179.35 W; Dep 608.8; Half-duration 6.5 sec; Principal axes (scale 10**19 Nm): (T) Val=2.32, Plg=39, Azm=106; (N) Val=-0.03, Plg=6, Azm=201; (P) Val=-2.29, Plg=50, Azm=298; Best double couple:

Mo=2.3*10**19 Nm; NP1: Strike=154, Dip=8, Slip=-137; NP2: Strike=21, Dip=85, Slip=-84.
Scalar Moment (PPT): Mo=2.2*10**19 Nm.

16	03	20	27.0	20.076	S	175.488	W	100	G	5.0	0.8	83	TONGA ISLANDS
16	03	53	56.0*	29.505	N	105.533	E	33	N	4.0	1.0	11	SICHUAN, CHINA
16	03	58	08.3&	34.819	S	71.424	W	58				12	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 2.6 (GUC).
16	04	21	51.8*	31.362	N	50.070	E	33	N	4.4	1.5	49	NORTHERN IRAN
16	04	32	24.4&	40.744	N	27.778	E	9				4	TURKEY. <ISK>. MD 2.6 (ISK).
16	05	33	34.3&	40.774	N	27.931	E	5				8	TURKEY. <ISK>. MD 2.8 (ISK).
16	05	59	59.9&	44.500	N	7.100	E	2				6	NORTHERN ITALY. <LDG>. ML 1.7 (LDG).
16	06	09	24.6&	45.500	N	4.900	E	2				13	FRANCE. <LDG>. ML 2.4 (STR), 2.1 (LDG).
16	06	20	35.6	5.281	S	145.750	E	100	G	4.5	0.9	32	EASTERN NEW GUINEA REG., P.N.G.
16	06	38	10.1&	57.987	N	156.690	W	0				13	ALASKA PENINSULA. <AEIC>. ML 2.6 (AEIC).
16	06	39	38.0&	45.100	N	6.500	E	2				7	FRANCE. <LDG>. ML 1.8 (LDG).
16	07	29	58.2*	37.665	N	20.796	E	33	N	3.9	1.3	31	IONIAN SEA
16	07	49	18.9&	37.240	N	3.780	W	2				5	SPAIN. <MDD>. mbLg 1.2 (MDD).
16	08	08	13.8	29.285	N	142.276	E	33	N	4.2	1.2	27	SOUTH OF HONSHU, JAPAN
16	08	17	29.3&	32.967	S	70.268	W	103				11	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.6 (GUC).
16	08	17	41.3&	45.400	N	6.600	E	2				5	FRANCE. <LDG>. ML 1.9 (LDG).
16	08	18	54.0&	32.854	S	70.276	W	103				13	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.8 (GUC).
16	08	51	54.1&	39.679	N	29.475	E	8				5	TURKEY. <ISK>. MD 2.7 (ISK).
16	08	56	05.1&	57.945	N	156.822	W	0				40	ALASKA PENINSULA. <AEIC>. ML 3.6 (AEIC), 4.1 (PMR).
16	09	07	11.1&	40.632	N	121.185	W	0				15	NORTHERN CALIFORNIA. <GM-P>. MD 3.0 (GM). ML 3.2 (BRK).
16	09	50	04.7&	44.300	N	7.700	E	2				4	NORTHERN ITALY. <LDG>. ML 1.9 (LDG).
16	09	50	55.9&	57.903	N	156.678	W	0				21	ALASKA PENINSULA. <AEIC>. ML 3.1 (AEIC).
16	10	01	47.9	19.156	N	121.067	E	33	N	4.6 3.9	0.8	25	PHILIPPINE ISLANDS REGION
16	10	31	01.2	26.644	N	84.667	E	33	N	4.2	0.6	15	NEPAL-INDIA BORDER REGION
16	10	41	28.6	21.792	S	176.637	W	174	D	5.3	1.0	225	FIJI ISLANDS REGION. Mw 5.5 (HRV).

Centroid, Moment Tensor (HRV): Centroid origin time 10:41:33.7; Lat 21.80 S; Lon 176.17 W; Dep 178.0; Half-duration 1.3 sec; Principal axes (scale 10**17 Nm): (T) Val=2.07, Plg=23, Azm=128; (N) Val=0.01, Plg=19, Azm=30; (P) Val=-2.08, Plg=59, Azm=263; Best double couple: Mo=2.1*10**17 Nm; NP1: Strike=251, Dip=28, Slip=-45; NP2: Strike=23, Dip=70, Slip=-111.

16	10	44	25.4&	57.924	N	156.631	W	0				52	ALASKA PENINSULA. <AEIC>. ML 3.8 (AEIC), 4.1 (PMR).
16	10	54	51.7&	44.100	N	7.000	E	2				8	NORTHERN ITALY. <LDG>. ML 1.8 (LDG).
16	10	55	12.4	43.442	N	18.142	E	10	G	4.3	1.3	166	NORTHWESTERN BALKAN REGION. ML 4.2 (ROM), 4.1 (PDG), 4.1 (THE).
16	11	41	19.6&	57.921	N	156.641	W	0				38	ALASKA PENINSULA. <AEIC>. ML 3.9 (AEIC), 4.1 (PMR).
16	11	52	18.1&	42.090	N	8.130	W	13				10	SPAIN. <MDD>. mbLg 3.0 (MDD).
16	12	01	48.8&	36.590	N	2.930	W	0	G			7	STRAIT OF GIBRALTAR. <MDD>. mbLg 1.9 (MDD).
16	12	03	49.3&	34.085	S	70.106	W	7				12	CHILE-ARGENTINA BORDER REGION. <GUC>.
16	12	11	27.1&	42.170	N	8.130	W	0	G			6	SPAIN. <MDD>. mbLg 2.5 (MDD).
16	12	30	22.7&	32.778	S	71.050	W	53				13	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.5 (GUC).
16	12	51	07.4&	42.060	N	8.130	W	15				8	SPAIN. <MDD>. mbLg 2.4 (MDD).
16	12	53	53.4&	42.120	N	8.110	W	0	G			5	SPAIN. <MDD>. mbLg 2.0 (MDD).
16	12	56	33.7&	42.110	N	8.100	W	12				8	SPAIN. <MDD>. mbLg 2.9 (MDD).
16	13	03	57.2&	19.460	N	65.230	W	70				7	PUERTO RICO REGION. <MPR>. MD 3.6 (MPR).
16	13	28	43.1	43.420	N	18.155	E	10	G		1.5	80	NORTHWESTERN BALKAN REGION. ML 3.7 (PDG), 3.6 (ROM).
16	13	35	46.2	58.011	N	156.455	W	33	N	3.5	1.1	17	ALASKA PENINSULA. ML 3.8 (PMR).
16	14	01	45.4*	23.224	N	125.737	E	33	N	3.9	0.7	11	SOUTHWESTERN RYUKYU ISLANDS
16	14	05	15.7&	37.090	N	2.070	W	0	G			14	SPAIN. <MDD>. mbLg 2.6 (MDD).
16	14	12	02.5&	44.700	N	7.700	E	2				14	NORTHERN ITALY. <LDG>. ML 2.3 (LDG), 2.2 (STR).
16	14	15	29.4&	53.790	N	164.559	W	64		3.3		17	UNIMAK ISLAND REGION. <AEIC>. ML 3.4 (AEIC).
16	14	15	39.2*	36.334	N	142.423	E	33	N	4.1 3.9	1.5	21	OFF EAST COAST OF HONSHU, JAPAN
16	14	25	46.1	4.589	N	123.140	E	600	G	4.5	0.7	22	CELEBES SEA
16	14	33	53.1*	51.188	N	178.014	W	33	N	4.3	1.2	24	ANDREANOF ISLANDS, ALEUTIAN IS.
16	15	18	20.0*	30.720	N	142.044	E	33	N	4.2	1.2	25	SOUTH OF HONSHU, JAPAN
16	15	37	51.8&	39.133	N	27.578	E	10	G			4	TURKEY. <ISK>. MD 2.6 (ISK).
16	15	59	57.4*	36.279	N	142.501	E	33	N	4.3	1.1	16	OFF EAST COAST OF HONSHU, JAPAN
16	16	13	30.9*	4.075	S	150.006	E	33	N	3.9	0.4	8	NEW BRITAIN REGION, P.N.G.
16	17	39	58.6&	35.180	N	3.820	W	0	G			18	STRAIT OF GIBRALTAR. <MDD>. mbLg 3.3 (MDD).
16	17	41	00.6	16.890	S	173.896	W	33	N	5.0 4.5	0.9	119	TONGA ISLANDS
16	17	41	55.2	17.328	N	101.235	W	33	N	5.0 4.3	1.0	173	NEAR COAST OF GUERRERO, MEXICO. Mw 5.2 (HRV). MD 5.1 (UNM). Felt at Mexico City.

Centroid, Moment Tensor (HRV): Centroid origin time 17:41:59.4; Lat 17.56 N; Lon 101.54 W; Dep 33.0; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=7.09, Plg=66, Azm=22; (N) Val=-0.48, Plg=5, Azm=122; (P) Val=-6.61, Plg=23, Azm=214; Best double couple: Mo=6.8*10**16 Nm; NP1: Strike=313, Dip=22, Slip=102; NP2: Strike=120, Dip=68, Slip=85.

16	17	50	07.5*	46.045	N	15.005	E	10	G		0.2	5	NORTHWESTERN BALKAN REGION. ML 2.2 (VIE), 1.8 (LJU).
16	18	16	43.6&	17.251	N	101.275	W	3				11	NEAR COAST OF GUERRERO, MEXICO. <UNM>. MD 4.2 (UNM).
16	18	26	30.9*	10.597	S	120.227	E	33	N	3.4	1.4	11	SUMBA REGION, INDONESIA
16	18	28	45.7*	17.151	N	101.367	W	5	G		1.5	21	NEAR COAST OF GUERRERO, MEXICO. MD 4.4 (UNM).
16	18	30	17.8*	62.814	S	149.510	E	10	G	4.4	0.8	24	BALLENY ISLANDS REGION
16	18	36	57.6?	19.27	S	177.66	W	500	G	4.0	0.9	15	FIJI ISLANDS REGION
16	19	11	49.7	46.187	N	13.631	E	10	G		0.9	12	AUSTRIA. ML 2.6 (VIE).
16	19	16	14.9*	38.937	S	175.317	E	170	*	3.2	1.0	19	NORTH ISLAND, NEW ZEALAND
16	19	17	56.7&	57.908	N	156.680	W	5				15	ALASKA PENINSULA. <AEIC>. ML 2.8 (AEIC).
16	20	25	30.0&	33.177	S	70.289	W	5				12	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.4 (GUC).
16	20	27	23.0	46.256	N	13.694	E	10	G		0.6	7	AUSTRIA. ML 2.5 (VIE).
16	20	48	33.4	46.050	N	14.221	E	10	G		0.3	6	NORTHWESTERN BALKAN REGION. ML 1.9 (LJU).
16	21	02	58.1&	37.290	N	2.000	W	0	G			30	SPAIN. <MDD>. mbLg 3.5 (MDD). Felt (IV) at Antas, Cuevas del Almanzora, Lubrin, Palomares and Vera; (III) at Garrucha and Turre.
16	21	54	23.8&	37.270	N	2.050	W	0	G			11	SPAIN. <MDD>. mbLg 2.3 (MDD).
16	22	50	42.4?	27.60	S	65.70	E	10	G	4.8	0.9	17	SOUTH INDIAN OCEAN
16	23	00	01.0&	48.500	N	4.100	W	2				4	FRANCE. <LDG>. ML 1.9 (LDG).
16	23	25	12.2*	27.440	S	65.469	E	10	G	4.8	0.9	16	SOUTH INDIAN OCEAN
16	23	44	01.7&	37.270	N	2.090	W	2				7	SPAIN. <MDD>. mbLg 2.0 (MDD).

16	23	54	53.8	52.916	N	2.254	E	10	G			1.2	103	NORTH SEA. ML 4.2 (STR), 4.0 (LDG), 3.8 (BGS), 3.8 (UCC).
17	00	07	13.6*	32.080	S	69.379	W	131	*			0.8	20	MENDOZA PROVINCE, ARGENTINA. MD 4.1 (GUC).
17	00	09	30.9*	8.580	S	112.518	E	94	*	3.9		1.2	17	JAWA, INDONESIA
17	00	42	18.9*	17.475	S	178.796	W	600	G	4.2		0.8	26	FIJI ISLANDS REGION
17	00	47	13.5&	42.220	N	8.100	W	0	G				5	SPAIN. <MDD>. mbLg 2.6 (MDD).
17	00	51	04.4&	57.957	N	156.799	W	0					15	ALASKA PENINSULA. <AEIC>. ML 2.8 (AEIC).
17	02	39	03.7*	44.835	N	8.917	E	10	G			1.0	10	NORTHERN ITALY. ML 2.1 (LDG).
17	02	53	41.2	43.971	N	18.075	E	10	G			1.4	51	NORTHWESTERN BALKAN REGION. ML 3.1 (PDG), 3.0 (ROM).
17	03	01	46.5	31.457	S	76.676	E	10	G	4.9	4.4	0.5	8	MID-INDIAN RIDGE
17	03	30	29.3*	2.494	S	140.100	E	33	N	3.8		0.9	10	NEAR NORTH COAST OF IRIAN JAYA
17	03	39	26.6*	37.454	N	140.602	E	33	N			0.7	7	EASTERN HONSHU, JAPAN
17	03	40	07.6&	43.200	N	8.100	E	2					5	CORSICA. <LDG>. ML 1.9 (LDG).
17	03	47	38.1&	31.035	S	71.709	W	19					10	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.7 (GUC).
17	03	52	18.2*	63.027	S	151.847	E	10	G	4.4		1.5	18	BALLENY ISLANDS REGION
17	03	59	58.1*	35.127	N	136.572	E	33	N			1.1	11	WESTERN HONSHU, JAPAN
17	04	19	52.4*	9.351	N	127.265	E	33	N	4.6		1.2	21	PHILIPPINE ISLANDS REGION
17	05	27	57.4*	24.622	N	127.670	E	33	N	4.3		1.3	22	SOUTHEAST OF RYUKYU ISLANDS
17	05	41	11.3*	30.377	N	67.946	E	33	N	4.2		1.3	17	PAKISTAN
17	05	52	39.7*	34.361	N	25.902	E	33	N	3.9		1.1	17	CRETE
17	06	02	54.4	1.072	S	120.588	E	62	*	4.8		1.2	51	SULAWESI, INDONESIA
17	07	06	33.8*	36.435	N	141.124	E	33	N	4.1		1.2	11	NEAR EAST COAST OF HONSHU, JAPAN. Felt (II JMA) in Ibaraki and (I JMA) in eastern Tochigi Prefectures.
17	07	19	38.5*	18.198	N	102.633	W	33	N			1.4	15	MICHOACAN, MEXICO. MD 4.5 (UNM).
17	07	55	41.2*	7.049	S	145.988	E	179		4.4		1.2	24	NEAR S COAST OF NEW GUINEA, PNG.
17	08	11	32.6&	53.825	N	166.007	W	73					16	FOX ISLANDS, ALEUTIAN ISLANDS. <AEIC>.
17	08	22	50.4*	3.432	S	143.613	E	33	N	3.3		1.3	9	NEAR N COAST OF NEW GUINEA, PNG.
17	08	42	43.1*	46.231	N	13.634	E	10	G			1.0	10	AUSTRIA. ML 2.7 (VIE), 2.2 (LJU).
17	08	45	04.8&	45.000	N	7.200	E	2					7	NORTHERN ITALY. <LDG>. ML 2.1 (LDG).
17	09	39	43.6*	1.765	S	78.035	W	200	G	3.9		1.3	13	ECUADOR
17	10	06	40.0*	13.982	N	91.249	W	33	N	4.3		1.3	29	NEAR COAST OF GUATEMALA
17	10	37	55.4*	27.650	S	65.479	E	10	G	5.0		1.0	34	SOUTH INDIAN OCEAN
17	11	23	34.2*	51.521	N	16.325	E	5	G			1.2	9	POLAND. ML 3.4 (VIE), 3.2 (WAR).
17	11	27	48.3&	32.678	S	71.489	W	16					11	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.3 (GUC).
17	12	03	05.6*	22.633	N	125.663	E	33	N	4.1		1.5	8	SOUTHEAST OF TAIWAN
17	12	12	52.5*	43.654	N	8.409	E	10	G			0.9	13	CORSICA. ML 2.3 (STR), 2.1 (LDG).
17	12	24	58.3*	0.090	N	126.330	E	33	N	3.7		1.0	10	NORTHERN MOLUCCA SEA
17	12	28	58.1*	27.667	S	65.669	E	10	G			0.8	11	SOUTH INDIAN OCEAN
17	12	35	09.9*	44.798	N	17.808	E	10	G			0.9	17	NORTHWESTERN BALKAN REGION. ML 3.2 (ZAG).
17	12	48	55.2&	54.496	N	162.630	W	61					10	ALASKA PENINSULA. <AEIC>. ML 2.5 (AEIC).
17	13	24	01.7*	23.983	N	126.476	E	33	N	3.3		1.3	6	SOUTHEAST OF RYUKYU ISLANDS
17	13	50	49.9*	22.781	S	179.911	W	600	G	4.4		0.6	26	SOUTH OF FIJI ISLANDS
17	14	36	26.3&	58.007	N	156.702	W	0					21	ALASKA PENINSULA. <AEIC>. ML 3.5 (AEIC), 3.7 (PMR).
17	15	17	15.3	27.703	S	65.523	E	10	G	5.1	4.4	0.7	94	SOUTH INDIAN OCEAN. Mw 5.0 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 15:17:20.7; Lat 27.54 S; Lon 65.42 E; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=3.76, Plg=0, Azm=168; (N) Val=0.38, Plg=0, Azm=78; (P) Val=-4.15, Plg=90, Azm=180; Best double couple: Mo=4.0*10**16 Nm; NP1: Strike=258, Dip=45, Slip=-90; NP2: Strike=78, Dip=45, Slip=-90.
17	15	22	59.8*	27.484	N	130.424	E	33	N	3.3		1.5	14	RYUKYU ISLANDS
17	15	42	06.8&	32.272	S	71.695	W	38					13	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.2 (GUC).
17	16	16	59.2	16.935	S	173.850	W	33	N	5.2	5.0	0.9	161	TONGA ISLANDS. Mw 5.5 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 16:17:08.0; Lat 16.87 S; Lon 173.30 W; Dep 66.0; Half-duration 1.3 sec; Principal axes (scale 10**17 Nm): (T) Val=1.77, Plg=66, Azm=91; (N) Val=-0.18, Plg=8, Azm=342; (P) Val=-1.59, Plg=23, Azm=249; Best double couple: Mo=1.7*10**17 Nm; NP1: Strike=323, Dip=24, Slip=69; NP2: Strike=166, Dip=68, Slip=99.
17	16	35	59.7	23.934	N	121.655	E	33	N	4.6		0.7	15	TAIWAN
17	16	40	13.2	21.934	S	176.797	W	172	D	4.6		0.8	45	FIJI ISLANDS REGION
17	16	53	36.9&	33.747	S	70.409	W	106					11	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.3 (GUC).
17	17	03	22.5&	47.400	N	7.200	E	14					14	SWITZERLAND. <LDG>. ML 2.3 (LDG).
17	17	04	48.8*	27.591	S	65.589	E	10	G	5.4		0.8	15	SOUTH INDIAN OCEAN
17	17	44	22.5&	64.789	N	149.134	W	20					25	CENTRAL ALASKA. <AEIC>. ML 3.0 (AEIC), 3.4 (PMR).
17	18	33	14.3*	36.520	N	43.833	E	33	N	3.7		1.1	6	IRAQ
17	19	11	44.4&	16.467	N	98.036	W	12					10	NEAR COAST OF GUERRERO, MEXICO. <UNM>. MD 4.1 (UNM).
17	19	19	23.8*	46.213	N	13.681	E	10	G			0.3	7	AUSTRIA. ML 2.3 (VIE).
17	19	54	12.9*	19.944	N	76.402	W	10	G	3.5		0.2	8	CUBA REGION. MD 3.7 (HOJ). Felt in Granma and Santiago de Cuba Provinces.
17	20	10	59.4*	44.316	N	9.772	E	10	G			0.6	9	NORTHERN ITALY. ML 2.4 (LDG).
17	20	13	06.4*	22.084	N	126.334	E	33	N	4.5		1.4	13	PHILIPPINE SEA
17	20	15	15.0&	18.520	N	64.740	W	128		3.7			28	VIRGIN ISLANDS. <MPR>. MD 4.2 (MPR).
17	21	04	11.3	3.341	S	146.102	E	33	N	4.6	4.4	1.2	23	BISMARCK SEA
17	21	38	33.9&	32.562	S	68.784	W	20					11	MENDOZA PROVINCE, ARGENTINA. <GUC>. MD 4.1 (GUC).
17	22	33	54.4*	22.281	S	68.108	W	100	G			0.8	10	NORTHERN CHILE
17	23	12	44.0*	41.949	S	75.506	W	10	G	4.7		1.1	27	OFF COAST OF SOUTHERN CHILE
17	23	15	30.5	17.094	N	101.378	W	10	G	3.8		1.1	29	NEAR COAST OF GUERRERO, MEXICO. MD 4.5 (UNM).
17	23	23	44.2&	19.250	N	66.250	W	66					5	PUERTO RICO REGION. <MPR>. MD 3.0 (MPR).
17	23	24	18.8&	60.014	N	152.924	W	114		2.6			25	SOUTHERN ALASKA. <AEIC>.
17	23	28	10.3	33.455	S	70.223	W	108		4.1		0.4	22	CHILE-ARGENTINA BORDER REGION. MD 4.3 (GUC).
17	23	41	11.1	36.222	N	27.181	E	33	N	3.7		0.9	20	DODECANESE ISLANDS. MD 3.3 (ISK).
18	00	37	22.2	4.629	S	151.447	E	34	*	5.0	4.2	1.1	61	NEW BRITAIN REGION, P.N.G. Mw 5.1 (HRV). ML 4.5 (PMG). Centroid, Moment Tensor (HRV): Centroid origin time 00:37:25.2; Lat 4.76 S; Lon 151.37 E; Dep 33.0; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=5.87, Plg=65, Azm=137; (N) Val=-0.32, Plg=17, Azm=5; (P) Val=-5.55, Plg=18, Azm=270; Best double couple: Mo=5.7*10**16 Nm; NP1: Strike=335, Dip=31, Slip=56; NP2: Strike=194, Dip=65, Slip=109.
18	01	27	05.4*	4.730	S	151.576	E	33	N	3.8		1.0	11	NEW BRITAIN REGION, P.N.G.
18	02	08	58.9	36.368	N	26.316	E	150	G	3.8		0.7	28	DODECANESE ISLANDS

18	02	10	16.8*	24.880	N	120.633	E	33	N	3.7	1.0	7	TAIWAN
18	02	15	39.9*	4.885	S	151.878	E	33	N	4.3	1.2	15	NEW BRITAIN REGION, P.N.G.
18	02	48	55.9*	12.438	S	166.652	E	94	*	4.5	1.1	23	SANTA CRUZ ISLANDS
18	02	52	06.1	4.758	S	151.618	E	33	N	4.4	1.0	24	NEW BRITAIN REGION, P.N.G.
18	02	52	17.4	4.630	S	151.543	E	33	N	4.8 4.7	0.9	36	NEW BRITAIN REGION, P.N.G.
18	02	57	30.3*	56.671	N	160.524	W	100	G	3.0	0.7	8	ALASKA PENINSULA
18	03	15	10.0&	44.811	N	11.112	E	5	G		1.0	12	NORTHERN ITALY. ML 2.8 (LDG).
18	03	15	18.1	44.839	N	10.766	E	5	G		1.2	27	NORTHERN ITALY. ML 3.0 (LDG).
18	03	19	14.6*	4.671	S	151.463	E	33	N	4.0	1.2	9	NEW BRITAIN REGION, P.N.G.
18	03	32	40.6*	15.866	S	168.366	E	150	G	3.4	0.7	7	VANUATU ISLANDS
18	03	40	15.3*	4.787	S	151.615	E	33	N	4.0	0.9	8	NEW BRITAIN REGION, P.N.G.
18	03	56	32.9&	39.431	S	174.360	E	250	G		0.2	11	NORTH ISLAND, NEW ZEALAND
18	04	09	48.0&	44.700	N	6.800	E	2				7	FRANCE. <LDG>. ML 1.9 (LDG).
18	04	54	26.3*	18.945	S	168.776	E	158	*	4.3	1.4	20	VANUATU ISLANDS
18	05	00	56.6	4.717	S	151.599	E	33	N	4.1	0.7	14	NEW BRITAIN REGION, P.N.G.
18	05	06	47.7*	39.009	N	21.330	E	10	G	3.3	1.0	11	GREECE
18	05	18	23.7&	18.730	N	67.300	W	8				7	MONA PASSAGE. <MPR>. MD 2.7 (MPR).
18	06	19	03.8&	37.250	N	4.200	W	12				16	SPAIN. <MDD>. mbLg 2.7 (MDD).
18	06	51	23.3	41.527	S	173.606	E	79	*	4.1	0.6	16	SOUTH ISLAND, NEW ZEALAND. Felt at Blenheim and Picton.
18	07	27	19.6*	7.688	S	128.178	E	184	?	4.6	1.1	10	BANDA SEA
18	07	31	58.3	40.647	N	77.603	E	61	*	4.6	0.9	28	KYRGYZSTAN-XINJIANG BORDER REG.
18	07	42	57.1&	39.557	N	29.633	E	6				4	TURKEY. <ISK>. MD 2.6 (ISK).
18	09	23	56.8&	44.080	N	4.840	E	1	G			4	FRANCE. <STR>. ML 2.1 (STR).
18	09	39	41.2&	40.659	N	29.200	E	12				4	TURKEY. <ISK>. MD 2.6 (ISK).
18	09	46	52.2&	40.639	N	29.151	E	10				7	TURKEY. <ISK>. MD 2.9 (ISK).
18	10	16	04.9	12.454	S	166.575	E	38	D	4.7 4.1	1.2	62	SANTA CRUZ ISLANDS
18	10	27	29.3?	4.74	S	151.52	E	33	N	3.2	1.1	7	NEW BRITAIN REGION, P.N.G.
18	11	08	27.2&	58.415	N	154.092	W	93		2.8		78	ALASKA PENINSULA. <AEIC>.
18	11	30	28.1*	13.065	N	145.392	E	62	?		1.0	11	MARIANA ISLANDS
18	11	45	42.0	19.311	S	176.623	W	305	D	4.7	0.8	140	FIJI ISLANDS REGION
18	11	46	14.5	9.243	N	125.311	E	67	*	4.6	1.2	35	MINDANAO, PHILIPPINE ISLANDS
18	12	22	40.6?	7.97	S	124.05	E	171	*	4.3	1.3	10	BANDA SEA
18	12	29	28.9*	33.481	N	76.162	E	33	N		0.8	9	KASHMIR-INDIA BORDER REGION
18	13	01	14.3&	39.089	N	27.704	E	5				4	TURKEY. <ISK>. MD 2.7 (ISK).
18	13	05	58.5&	33.329	S	71.966	W	15				12	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.4 (GUC).
18	13	15	59.7?	1.67	S	149.75	E	33	N	4.1	1.2	9	NEW IRELAND REGION, P.N.G.
18	13	51	37.0*	25.610	S	178.019	E	700	G	4.0	0.9	22	SOUTH OF FIJI ISLANDS
18	15	09	03.1	44.480	N	10.235	E	10	G		0.6	13	NORTHERN ITALY. ML 3.0 (STR), 2.7 (LDG), 2.6 (VIE).
18	15	19	54.3?	23.51	S	175.17	W	33	N	4.6	1.1	12	TONGA ISLANDS REGION
18	15	30	23.0	48.270	N	15.066	E	5	G		1.5	7	AUSTRIA. ML 2.2 (VIE).
18	15	40	55.8	43.405	N	147.732	E	55	D	4.7	0.9	59	KURIL ISLANDS. Felt (II) at Yuzhno-Kurilsk.
18	16	02	15.5&	16.029	N	98.293	W	3				21	NEAR COAST OF GUERRERO, MEXICO. <UNM>. MD 4.3 (UNM).
18	16	08	52.4&	32.131	S	71.691	W	18				9	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.7 (GUC).
18	16	25	55.4*	19.976	N	122.195	E	33	N	4.0	1.3	13	PHILIPPINE ISLANDS REGION
18	16	27	19.3	35.196	N	140.881	E	33	N	4.0	1.1	23	NEAR EAST COAST OF HONSHU, JAPAN. Felt (I JMA) in Chiba Prefecture.
18	16	53	40.4*	19.612	N	122.527	E	33	N	3.4	0.6	10	PHILIPPINE ISLANDS REGION
18	17	09	57.6?	15.82	S	177.14	W	33	N	4.4	0.7	8	FIJI ISLANDS REGION
18	17	19	04.8	39.253	N	15.108	E	280	D	5.6	1.0	428	SOUTHERN ITALY. Mw 5.5 (GS), 5.4 (HRV). Moment Tensor (GS): Dep 264; Principal axes (scale 10**17 Nm): (T) Val=1.56, Plg=5, Azm=60; (N) Val=0.33, Plg=62, Azm=158; (P) Val=-1.88, Plg=28, Azm=327; Best double couple: Mo=1.7*10**17 Nm; NP1: Strike=107, Dip=67, Slip=-163; NP2: Strike=10, Dip=74, Slip=-23. Centroid, Moment Tensor (HRV): Centroid origin time 17:19:08.4; Lat 39.15 N; Lon 15.25 E; Dep 281.7; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=1.55, Plg=44, Azm=114; (N) Val=-0.17, Plg=14, Azm=218; (P) Val=-1.38, Plg=42, Azm=321; Best double couple: Mo=1.5*10**17 Nm; NP1: Strike=124, Dip=14, Slip=176; NP2: Strike=217, Dip=89, Slip=76.
18	17	25	22.5?	27.72	S	65.75	E	10	G	4.7	1.2	11	SOUTH INDIAN OCEAN
18	17	44	10.0*	15.684	S	179.415	E	33	N	4.0	0.9	19	FIJI ISLANDS
18	17	49	54.1&	42.070	N	8.150	W	14				25	SPAIN. <MDD>. ML 3.4 (LDG). mbLg 3.1 (MDD).
18	18	11	52.5&	33.238	N	116.251	W	15				20	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS). MD 2.7 (ECX).
18	18	16	00.4?	35.00	N	140.75	E	33	N		1.0	7	NEAR EAST COAST OF HONSHU, JAPAN
18	18	40	33.9	52.559	N	165.167	W	33	N	4.6	1.3	67	SOUTH OF ALEUTIAN ISLANDS. ML 4.9 (PMR), 4.3 (AEIC).
18	18	41	56.2&	64.462	N	162.587	W	0				3	NORTHERN ALASKA. <AEIC>. ML 2.9 (AEIC).
18	18	56	52.3&	57.913	N	156.794	W	0		4.6		161	ALASKA PENINSULA. <AEIC>. ML 4.7 (AEIC), 4.8 (PMR). Felt at King Salmon and Naknek.
18	19	24	21.3	9.294	S	113.102	E	83		4.9	0.8	24	SOUTH OF JAWA, INDONESIA
18	20	03	57.8	51.700	N	16.146	E	5	G		1.1	49	POLAND. ML 4.3 (FUR), 4.3 (VIE), 3.8 (CLL).
18	20	22	39.1&	35.493	S	70.965	W	119				12	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.1 (GUC).
18	20	25	04.3*	15.850	S	71.960	W	10	G	4.5	1.4	20	SOUTHERN PERU
18	20	49	45.6*	36.490	N	70.765	E	190	?	3.6	0.9	10	HINDU KUSH REGION, AFGHANISTAN
18	21	21	10.8*	9.868	S	112.834	E	33	N		1.2	6	SOUTH OF JAWA, INDONESIA
18	21	43	16.1	46.239	N	13.770	E	10	G		1.1	11	AUSTRIA. ML 2.4 (VIE).
18	22	58	14.2*	36.196	N	69.709	E	137	?	4.1	1.2	12	HINDU KUSH REGION, AFGHANISTAN
18	23	21	58.9	1.538	N	127.919	E	33	N	4.4	1.0	18	HALMAHERA, INDONESIA
18	23	43	45.2&	16.274	N	98.504	W	2				7	NEAR COAST OF GUERRERO, MEXICO. <UNM>. MD 3.9 (UNM).
19	01	01	20.2&	40.776	N	30.084	E	11				8	TURKEY. <ISK>. MD 3.3 (ISK).
19	01	18	33.6	36.386	N	142.259	E	33	N	5.0 4.7	0.8	108	OFF EAST COAST OF HONSHU, JAPAN. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 01:18:32.2; Lat 36.37 N; Lon 142.83 E; Dep 40.1; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=5.84, Plg=66, Azm=325; (N) Val=2.38, Plg=9, Azm=216; (P) Val=-8.23, Plg=23, Azm=122; Best double couple: Mo=7.0*10**16 Nm; NP1: Strike=196, Dip=24, Slip=68; NP2: Strike=39, Dip=68, Slip=99.
19	01	23	56.9&	30.819	S	69.797	W	4				9	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.9 (GUC).
19	01	56	07.5	31.629	N	138.098	E	386	D	4.8	0.8	117	SOUTH OF HONSHU, JAPAN
19	02	02	12.6&	54.846	N	160.782	W	0				11	ALASKA PENINSULA. <AEIC>. ML 3.0 (AEIC).
19	02	32	25.9&	32.155	S	70.542	W	120				13	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.1 (GUC).

19	03	22	37.0&	37.097	N	27.610	E	10	G				6	TURKEY. <ISK>. MD 3.4 (ISK).
19	03	38	35.7&	45.000	N	7.200	E	2					4	NORTHERN ITALY. <LDG>. ML 1.5 (LDG).
19	06	48	02.4*	4.918	S	151.752	E	33	N	3.8		0.8	9	NEW BRITAIN REGION, P.N.G.
19	06	50	39.8?	36.37	N	22.87	E	33	N	3.9		0.9	16	SOUTHERN GREECE
19	07	35	56.9&	46.700	N	2.200	W	2					9	BAY OF BISCAY. <LDG>. ML 2.7 (LDG).
19	07	54	23.5	43.290	S	82.041	W	10	G	5.1	4.5	1.0	77	WEST CHILE RISE. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 07:54:23.8; Lat 43.27 S; Lon 82.39 W; Dep 15.0 Fix; Half-duration 1.1 sec; Principal axes (scale 10**17 Nm): (T) Val=1.44, Plg=25, Azm=243; (N) Val=-0.32, Plg=25, Azm=345; (P) Val=-1.12, Plg=54, Azm=115; Best double couple: Mo=1.3*10**17 Nm; NP1: Strike=292, Dip=30, Slip=-147; NP2: Strike=173, Dip=74, Slip=-64.
19	08	04	36.2*	43.078	S	82.233	W	10	G	4.8		1.0	14	WEST CHILE RISE
19	09	03	43.7&	7.881	N	78.308	W	161					6	PANAMA. <UPA>. MD 3.6 (UPA).
19	09	39	57.7&	32.759	S	70.602	W	44					10	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.1 (GUC).
19	09	54	19.8*	3.057	S	104.782	W	10	G	4.4		1.0	34	CENTRAL EAST PACIFIC RISE
19	10	41	13.1	43.187	S	41.809	E	10	G	4.6	5.0	0.9	21	PRINCE EDWARD ISLANDS REGION. Mw 5.6 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 10:41:23.2; Lat 43.00 S; Lon 41.89 E; Dep 15.0 Fix; Half-duration 1.5 sec; Principal axes (scale 10**17 Nm): (T) Val=3.13, Plg=9, Azm=144; (N) Val=-0.30, Plg=80, Azm=352; (P) Val=-2.83, Plg=5, Azm=235; Best double couple: Mo=3.0*10**17 Nm; NP1: Strike=280, Dip=80, Slip=3; NP2: Strike=189, Dip=87, Slip=170.
19	11	40	38.5&	40.962	N	27.308	E	10	G				4	TURKEY. <ISK>. MD 2.6 (ISK).
19	11	42	12.5*	38.854	N	142.213	E	80	?			0.8	8	NEAR EAST COAST OF HONSHU, JAPAN
19	12	32	04.6&	62.188	N	152.281	W	138		4.0			41	CENTRAL ALASKA. <AEIC>.
19	13	17	23.5&	33.860	S	70.654	W	85					11	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.8 (GUC).
19	14	17	33.8&	32.457	S	70.303	W	103					13	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.6 (GUC).
19	14	23	13.6*	53.779	S	140.737	E	10	G	5.0	4.7	1.3	36	WEST OF MACQUARIE ISLAND. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 14:23:20.9; Lat 53.45 S; Lon 139.75 E; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=7.59, Plg=21, Azm=33; (N) Val=0.36, Plg=69, Azm=221; (P) Val=-7.95, Plg=3, Azm=124; Best double couple: Mo=7.8*10**16 Nm; NP1: Strike=171, Dip=73, Slip=13; NP2: Strike=77, Dip=77, Slip=163.
19	14	24	14.1&	40.645	N	29.185	E	10					7	TURKEY. <ISK>. MD 2.8 (ISK).
19	15	02	50.8&	18.970	N	66.980	W	33	N				7	PUERTO RICO REGION. <MPR>. MD 3.0 (MPR).
19	15	05	16.1?	32.34	N	48.47	E	33	N	4.0		1.5	13	WESTERN IRAN
19	15	56	00.0&	36.830	N	4.990	W	15					13	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.3 (MDD).
19	15	57	10.2	36.898	N	5.009	W	10	G			0.9	9	STRAIT OF GIBRALTAR. mbLg 2.5 (MDD).
19	15	57	40.0	36.939	N	5.012	W	10	G			1.2	14	STRAIT OF GIBRALTAR. mbLg 3.0 (MDD).
19	16	11	37.0&	43.900	N	7.900	E	2					4	NEAR SOUTH COAST OF FRANCE. <LDG>. ML 1.9 (LDG).
19	16	35	25.1*	6.556	S	132.555	E	33	N			1.0	7	TANIMBAR ISLANDS REG., INDONESIA
19	16	55	00.1&	46.032	N	14.986	E	10	G			0.2	5	NORTHWESTERN BALKAN REGION. ML 1.6 (LJU).
19	16	59	55.0&	50.020	N	7.590	E	1					8	GERMANY. <STR>. ML 2.2 (UCC), 2.1 (STR).
19	17	45	17.4&	15.975	N	98.346	W	14					8	OFF COAST OF GUERRERO, MEXICO. <UNM>. MD 4.0 (UNM).
19	17	47	24.5&	16.108	N	98.542	W	0					4	NEAR COAST OF GUERRERO, MEXICO. <UNM>. MD 3.7 (UNM).
19	18	06	56.5*	18.295	N	120.897	E	33	N	4.4		1.5	16	LUZON, PHILIPPINE ISLANDS
19	18	21	26.3*	45.183	N	14.730	E	10	G			1.1	8	NORTHWESTERN BALKAN REGION. ML 1.8 (LJU).
19	18	27	08.7&	42.110	N	8.130	W	1					6	SPAIN. <MDD>. mbLg 2.3 (MDD).
19	19	30	07.5*	51.502	N	16.305	E	10	G			1.0	11	POLAND. ML 3.5 (VIE), 3.2 (WAR).
19	20	05	04.9&	16.641	N	61.510	W	59					4	LEEWARD ISLANDS. <FDF>. MG 2.5 (FDF).
19	20	14	47.6&	48.221	N	117.854	W	2					10	WASHINGTON. <SEA-P>. MD 2.7 (SEA).
19	21	42	05.2&	56.527	N	156.636	W	125					4	ALASKA PENINSULA. <AEIC>.
19	22	19	43.1*	58.328	N	32.204	W	10	G	4.1		1.3	25	NORTH ATLANTIC OCEAN
19	23	02	23.1*	47.186	N	152.885	E	100	G			1.0	10	KURIL ISLANDS
19	23	05	20.0&	63.013	N	150.675	W	103					62	CENTRAL ALASKA. <AEIC>.
20	00	06	32.0&	35.593	N	88.748	E	33	N			0.7	8	XIZANG
20	00	40	08.6*	28.259	S	74.191	E	10	G	4.9		0.7	13	MID-INDIAN RIDGE. Mw 5.0 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 00:40:14.9; Lat 27.94 S; Lon 73.95 E; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=3.76, Plg=23, Azm=24; (N) Val=0.35, Plg=16, Azm=287; (P) Val=-4.12, Plg=61, Azm=165; Best double couple: Mo=3.9*10**16 Nm; NP1: Strike=143, Dip=26, Slip=-51; NP2: Strike=281, Dip=70, Slip=-107.
20	01	28	55.6*	29.539	N	130.461	E	75	*	4.5		1.1	24	RYUKYU ISLANDS
20	01	53	28.0&	38.758	N	78.423	W	3					8	VIRGINIA. <BLA>. MD 2.4 (BLA). mbLg 2.2 (GS). Felt in Page County.
20	02	27	42.5*	16.019	N	94.390	W	33	N	4.3		1.3	8	OAXACA, MEXICO. MD 4.6 (UNM).
20	02	33	27.1*	13.549	N	90.722	W	33	N	4.2		1.3	33	NEAR COAST OF GUATEMALA
20	02	46	32.3	18.685	N	68.909	W	150	G	3.8		1.0	28	MONA PASSAGE. MD 4.2 (MPR).
20	03	47	28.3&	32.691	S	71.474	W	19					13	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.8 (GUC).
20	04	14	48.8&	32.726	S	71.249	W	48					11	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.8 (GUC).
20	04	22	56.8&	35.310	N	4.010	W	0	G				13	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.4 (MDD).
20	04	38	14.0&	62.010	N	124.010	W	0		3.8			12	NORTHWEST TERRITORIES, CANADA. <PGC-P>. mbLg 3.6 (PGC).
20	05	23	39.8*	30.453	N	51.585	E	33	N	4.3		1.1	29	NORTHERN IRAN
20	05	57	14.5&	31.940	N	115.750	W	8					2	BAJA CALIFORNIA, MEXICO. <ECX>. MD 3.2 (ECX). ML 3.1 (PAS).
20	06	17	52.6	56.154	S	27.574	W	105	D	4.7		0.9	69	SOUTH SANDWICH ISLANDS REGION
20	06	34	40.3	51.615	N	16.124	E	10	G	3.5		0.8	16	POLAND. ML 3.8 (VIE), 3.3 (WAR).
20	06	40	30.7	46.271	N	13.642	E	10	G			1.1	17	AUSTRIA. ML 3.0 (VIE), 2.6 (LJU).
20	06	44	10.3*	22.488	N	125.920	E	33	N	4.8	4.4	1.4	40	SOUTHEAST OF TAIWAN
20	06	55	59.6?	19.50	S	167.47	E	35	D			1.5	9	VANUATU ISLANDS REGION
20	07	21	36.0*	13.483	N	88.114	W	200	G	4.6		0.8	14	EL SALVADOR
20	07	29	57.4&	59.847	N	152.673	W	85					44	SOUTHERN ALASKA. <AEIC>.
20	08	06	30.1	6.595	S	130.527	E	97	D	4.9		1.0	87	BANDA SEA. Mw 5.1 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 08:06:37.5; Lat 6.50 S; Lon 130.75 E; Dep 115.9; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=4.02, Plg=29, Azm=248; (N) Val=0.73, Plg=60, Azm=83;

(P) Val=-4.75, Plg=6, Azm=342; Best double couple: Mo=4.4*10**16 Nm; NP1: Strike=29, Dip=65, Slip=17; NP2: Strike=291, Dip=75, Slip=154.

20	08	42	52.8*	29.561	N	81.484	E	33	N	3.0	1.3	14	NEPAL
20	09	18	37.4	51.986	N	170.495	W	33	N	4.9 4.7	1.2	175	FOX ISLANDS, ALEUTIAN ISLANDS. Mw 5.3 (HRV). ML 4.9 (PMR), 4.8 (AEIC). Centroid, Moment Tensor (HRV): Centroid origin time 09:18:39.2; Lat 51.83 N; Lon 170.39 W; Dep 26.7; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=1.07, Plg=65, Azm=309; (N) Val=0.07, Plg=10, Azm=62; (P) Val=-1.14, Plg=23, Azm=156; Best double couple: Mo=1.1*10**17 Nm; NP1: Strike=265, Dip=24, Slip=115; NP2: Strike=58, Dip=68, Slip=79.
20	09	33	58.2*	13.948	N	144.941	E	150	G	3.8	1.3	15	MARIANA ISLANDS
20	09	39	52.7&	33.583	S	68.488	W	11				15	MENDOZA PROVINCE, ARGENTINA. <GUC>. MD 4.0 (GUC).
20	09	55	54.9	38.280	N	12.596	E	10	G	4.3	1.3	87	SICILY. ML 4.1 (LDG).
20	10	34	33.5*	5.110	S	151.977	E	115	D		0.8	12	NEW BRITAIN REGION, P.N.G.
20	10	36	22.7	30.040	N	131.890	E	33	N	3.5	1.0	10	KYUSHU, JAPAN
20	10	51	10.4&	62.547	N	152.249	W	101				44	CENTRAL ALASKA. <AEIC>.
20	11	07	41.3	43.081	N	10.704	E	10	G	4.0	1.1	124	CENTRAL ITALY. ML 4.1 (STR), 3.6 (LDG).
20	12	00	10.4&	61.480	N	150.984	W	73				47	SOUTHERN ALASKA. <AEIC>.
20	12	48	34.9	46.763	N	145.150	E	381	*	4.2	1.1	36	SEA OF OKHOTSK
20	13	08	30.6*	31.696	S	179.107	W	33	N	4.6	1.3	31	KERMADEC ISLANDS REGION
20	14	03	46.8&	58.977	N	152.541	W	58				40	KODIAK ISLAND REGION. <AEIC>. ML 2.6 (AEIC).
20	14	25	11.3&	47.100	N	5.500	E	2				8	FRANCE. <LDG>. ML 2.6 (LDG).
20	14	28	04.2&	32.338	S	69.978	W	109				13	MENDOZA PROVINCE, ARGENTINA. <GUC>. MD 3.4 (GUC).
20	16	19	43.0&	39.640	N	119.970	W	8				19	NEVADA. <REN-P>. ML 3.4 (BRK), 3.4 (GS). Felt in the epicentral area.
20	17	08	42.4	1.477	N	127.150	E	65	*	4.5	0.8	22	HALMAHERA, INDONESIA
20	17	11	54.5&	34.811	S	71.012	W	105				12	NEAR COAST OF CENTRAL CHILE. <GUC>.
20	17	13	09.5*	38.949	N	142.335	E	150	G	3.6	1.3	14	NEAR EAST COAST OF HONSHU, JAPAN
20	17	43	03.7*	32.625	N	140.245	E	100	G	3.9	1.1	17	SOUTH OF HONSHU, JAPAN. Felt (I JMA) on Hachijo-jima.
20	18	29	28.2	51.959	N	170.456	W	33	N	4.7 4.2	1.1	95	FOX ISLANDS, ALEUTIAN ISLANDS. ML 4.5 (PMR).
20	18	57	04.9&	39.712	S	174.220	E	200	G		0.1	9	NORTH ISLAND, NEW ZEALAND
20	18	57	06.8*	10.757	S	74.736	W	33	N		1.1	11	CENTRAL PERU
20	19	13	33.3*	21.598	N	143.333	E	300	G		1.0	17	MARIANA ISLANDS REGION
20	19	44	38.4*	22.591	N	125.397	E	33	N	4.5	1.5	30	SOUTHEAST OF TAIWAN
20	20	33	42.8&	3.921	N	96.294	E	150	G		0.6	9	NORTHERN SUMATERA, INDONESIA
20	21	24	36.9*	31.029	S	71.565	W	82	*	4.4	0.9	23	NEAR COAST OF CENTRAL CHILE. MD 4.6 (GUC).
20	21	48	20.2&	59.770	N	153.545	W	127				46	SOUTHERN ALASKA. <AEIC>.
20	21	53	47.2	38.578	N	141.973	E	83	D	4.7	0.8	114	NEAR EAST COAST OF HONSHU, JAPAN. Felt (III JMA) in northeastern Miyagi; (II JMA) in eastern Yamagata and much of Iwate and Miyagi; (I JMA) in southeastern Akita, southeastern Aomori, eastern Fukushima and other parts of Yamagata Prefectures.
20	22	30	06.8	47.613	N	15.774	E	10	G		1.2	17	AUSTRIA. ML 3.6 (GRF), 2.8 (VIE). Felt (IV) at Spital.
20	22	32	34.8&	31.130	S	71.521	W	24				11	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.0 (GUC).
20	22	41	03.9&	31.907	S	69.951	W	154				12	SAN JUAN PROVINCE, ARGENTINA. <GUC>. MD 3.3 (GUC).
20	22	55	29.6	47.270	N	8.746	E	10	G		1.3	14	SWITZERLAND. ML 2.5 (LDG), 2.3 (STR).
20	23	15	15.8*	28.363	N	129.430	E	79	*		1.0	9	RYUKYU ISLANDS
20	23	39	36.4&	41.653	S	173.427	E	100	*		0.4	14	SOUTH ISLAND, NEW ZEALAND
21	00	13	32.1	59.540	S	23.324	W	33	N	5.2 4.5	1.1	61	SOUTH SANDWICH ISLANDS REGION
21	00	14	34.2&	32.085	S	70.358	W	120				13	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.5 (GUC).
21	00	36	42.8	16.222	N	94.266	W	91	D	4.5	1.0	89	OAXACA, MEXICO. MD 4.5 (UNM).
21	00	38	30.7*	35.306	N	88.321	E	33	N	3.9	1.5	16	XIZANG
21	01	31	05.5*	4.509	S	101.986	E	33	N		1.0	18	SOUTHERN SUMATERA, INDONESIA
21	01	43	26.9*	19.527	S	169.622	E	282	*	4.2	1.0	24	VANUATU ISLANDS
21	02	28	02.9*	22.293	N	126.107	E	33	N	3.8	1.2	9	PHILIPPINE SEA
21	02	57	33.9&	35.510	N	4.720	W	0	G			15	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.3 (MDD).
21	03	00	13.8&	42.110	N	8.130	W	0	G			6	SPAIN. <MDD>. mbLg 2.9 (MDD).
21	03	19	13.6	4.140	S	131.524	E	33	N	4.6	1.4	19	BANDA SEA
21	03	29	30.9&	17.221	N	61.347	W	16				6	LEEWARD ISLANDS. <FDF>. MG 3.4 (FDF).
21	04	11	44.4*	17.869	S	178.363	W	550	G		1.2	18	FIJI ISLANDS REGION
21	04	15	39.3&	32.369	S	71.650	W	16				10	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.7 (GUC).
21	04	44	23.2&	42.120	N	8.110	W	3				4	SPAIN. <MDD>. mbLg 2.3 (MDD).
21	05	04	39.4&	42.120	N	8.170	W	19				8	SPAIN. <MDD>. mbLg 2.2 (MDD).
21	05	15	51.9&	44.500	N	7.000	E	2				18	NORTHERN ITALY. <LDG>. ML 2.1 (LDG), 2.1 (STR).
21	05	19	53.7*	21.553	S	66.988	W	229	*		0.6	9	SOUTHERN BOLIVIA
21	05	34	25.5	0.207	N	119.584	E	33	N	6.2 6.3	1.0	303	MINAHASSA PENINSULA, SULAWESI. Mw 6.7 (GS), 6.6 (HRV). Me 7.2 (GS). Ms 6.2 (BRK). Felt at Donggala, Palu and Tolitoli. Broadband Source Parameters (GS): Dep 28; NP1: Strike=220, Dip=70, Slip=20; NP2: Strike=123, Dip=71, Slip=159; Radiated energy 1.2*10**15 Nm. Moment Tensor (GS): Dep 20; Principal axes (scale 10**19 Nm): (T) Val=1.05, Plg=23, Azm=68; (N) Val=0.00, Plg=67, Azm=252; (P) Val=-1.06, Plg=2, Azm=158; Best double couple: Mo=1.1*10**19 Nm; NP1: Strike=205, Dip=73, Slip=16; NP2: Strike=111, Dip=75, Slip=162. Centroid, Moment Tensor (HRV): Centroid origin time 05:34:30.8; Lat 0.33 N; Lon 119.63 E; Dep 28.0 Bdy; Half-duration 5.0 sec; Principal axes (scale 10**19 Nm): (T) Val=1.00, Plg=32, Azm=70; (N) Val=0.06, Plg=57, Azm=237; (P) Val=-1.05, Plg=6, Azm=336; Best double couple: Mo=1.0*10**19 Nm; NP1: Strike=108, Dip=64, Slip=160; NP2: Strike=207, Dip=72, Slip=28.
21	05	42	52.3&	43.298	N	17.855	E	3				11	NORTHWESTERN BALKAN REGION. <PDG>. ML 2.9 (PDG).
21	06	43	46.2%	7.688	S	114.321	E	33	N		1.3	5	BALI SEA
21	06	51	04.5&	37.190	N	3.960	W	10				6	SPAIN. <MDD>. mbLg 1.8 (MDD).
21	07	06	55.6&	17.000	N	100.729	W	15				14	GUERRERO, MEXICO. <UNM>. MD 4.3 (UNM).
21	07	19	27.4&	44.300	N	7.600	E	2				5	NORTHERN ITALY. <LDG>. ML 1.8 (LDG).
21	07	30	33.2&	32.690	S	71.466	W	22				10	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.5 (GUC).
21	07	36	16.2*	19.583	S	66.630	W	262	*		0.9	17	SOUTHERN BOLIVIA
21	07	39	47.0&	37.555	N	118.859	W	9				10	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM).

21	08	03	55.2&	57.961	N	156.853	W	0		4.1		48	ALASKA PENINSULA. <AEIC>. ML 4.3 (AEIC), 4.6 (PMR).
21	09	18	55.5?	14.88	S	168.09	E	33	N		0.6	7	VANUATU ISLANDS
21	09	24	20.4?	0.23	N	119.37	E	33	N		1.3	8	MINAHASSA PENINSULA, SULAWESI
21	09	40	56.5	43.171	N	12.770	E	10	G		0.8	24	CENTRAL ITALY. ML 3.2 (LDG).
21	10	10	14.7?	13.63	N	90.84	W	33	N	4.1	1.3	19	NEAR COAST OF GUATEMALA
21	10	19	52.2*	40.618	N	20.632	E	10	G		1.0	11	GREECE-ALBANIA BORDER REGION. ML 3.4 (PDG).
21	10	23	21.7&	40.303	N	29.179	E	15				4	TURKEY. <ISK>. MD 2.5 (ISK).
21	11	26	35.8	6.271	N	73.863	W	53	*	4.3	1.1	32	NORTHERN COLOMBIA
21	11	27	46.4&	44.941	N	9.470	E	10	G		0.6	17	NORTHERN ITALY. ML 2.8 (LDG).
21	12	00	53.5&	39.650	N	29.426	E	7				4	TURKEY. <ISK>. MD 2.4 (ISK).
21	12	40	48.5&	44.300	N	6.400	E	2				6	FRANCE. <LDG>. ML 1.9 (LDG).
21	13	57	47.5&	31.530	S	70.496	W	143				13	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 4.1 (GUC).
21	14	05	24.6	43.211	N	12.790	E	10	G		0.6	11	CENTRAL ITALY. ML 3.0 (LDG).
21	14	52	49.6*	17.855	S	178.217	W	650	G	4.0	0.6	10	FIJI ISLANDS REGION
21	14	54	39.5&	43.800	N	7.700	E	2				4	NEAR SOUTH COAST OF FRANCE. <LDG>. ML 2.1 (LDG).
21	14	59	21.9&	62.995	N	149.530	W	86				10	CENTRAL ALASKA. <AEIC>.
21	15	02	26.3*	43.077	N	10.897	E	10	G		1.1	12	CENTRAL ITALY. ML 2.7 (LDG).
21	15	21	13.5&	34.265	S	72.367	W	40				11	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.7 (GUC).
21	16	09	19.1*	15.686	S	74.115	W	64	D	4.6	1.0	27	NEAR COAST OF PERU
21	16	18	19.9&	47.400	N	1.300	W	2				16	FRANCE. <LDG>. ML 3.1 (LDG).
21	16	44	04.6*	36.026	N	22.326	E	33	N	4.1	1.0	16	SOUTHERN GREECE
21	16	58	12.8&	55.670	N	161.828	W	163		4.2		7	ALASKA PENINSULA. <AEIC>.
21	16	59	49.3	39.822	N	143.386	E	33	N	4.4	0.8	21	OFF EAST COAST OF HONSHU, JAPAN
21	17	17	20.2&	33.052	S	68.006	W	8				8	MENDOZA PROVINCE, ARGENTINA. <GUC>. MD 3.9 (GUC).
21	18	36	29.5	34.349	N	32.153	E	39	*		1.4	15	CYPRUS REGION. ML 3.6 (CSS).
21	18	41	32.2	9.781	S	119.539	E	33	N	4.4	1.2	19	SUMBA REGION, INDONESIA
21	19	05	39.5&	42.100	N	8.060	W	0	G			4	SPAIN. <MDD>. mbLg 2.2 (MDD).
21	19	11	43.1	31.835	N	140.395	E	100	G	4.3	0.9	30	SOUTH OF HONSHU, JAPAN
21	19	44	41.4*	45.696	N	151.400	E	33	N	4.3	1.3	20	KURIL ISLANDS
21	20	00	45.8&	44.700	N	6.700	E	2				6	FRANCE. <LDG>. ML 1.5 (LDG).
21	21	00	28.5*	10.818	S	164.227	E	33	N		1.2	8	SANTA CRUZ ISLANDS REGION
21	21	07	34.9&	21.990	N	125.690	E	33	N		1.1	10	SOUTHEAST OF TAIWAN
21	21	28	25.4	7.106	S	129.847	E	150	G	4.7	1.0	30	BANDA SEA
21	21	40	03.4&	33.900	S	72.117	W	27				10	OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.5 (GUC).
21	22	07	44.2	43.004	N	12.799	E	10	G		0.5	17	CENTRAL ITALY. ML 3.3 (LDG).
21	22	31	22.9	43.400	S	41.387	E	10	G	5.4 5.8	1.3	122	PRINCE EDWARD ISLANDS REGION. Mw 6.3 (GS), 6.3 (HRV). Moment Tensor (GS): Dep 38; Principal axes (scale 10**18 Nm): (T) Val=2.89, Plg=7, Azm=325; (N) Val=0.10, Plg=83, Azm=152; (P) Val=-2.99, Plg=1, Azm=55; Best double couple: Mo=2.9*10**18 Nm; NP1: Strike=100, Dip=84, Slip=5; NP2: Strike=10, Dip=85, Slip=174. Centroid, Moment Tensor (HRV): Centroid origin time 22:31:31.1; Lat 43.26 S; Lon 41.81 E; Dep 15.0 Bdy; Half-duration 3.1 sec; Principal axes (scale 10**18 Nm): (T) Val=2.84, Plg=1, Azm=324; (N) Val=-0.15, Plg=88, Azm=97; (P) Val=-2.69, Plg=1, Azm=234; Best double couple: Mo=2.8*10**18 Nm; NP1: Strike=9, Dip=88, Slip=-180; NP2: Strike=279, Dip=90, Slip=-2.
21	23	42	37.7&	18.290	N	66.140	W	24				7	PUERTO RICO REGION. <MPR>. MD 2.8 (MPR).
21	23	49	43.7&	16.983	N	61.685	W	52				10	LEEWARD ISLANDS. <FDF>. MG 3.5 (FDF).
22	00	07	16.1&	17.120	N	65.760	W	58				4	PUERTO RICO REGION. <MPR>. MD 3.0 (MPR).
22	00	38	57.9*	9.784	S	119.469	E	33	N		0.7	7	SUMBA REGION, INDONESIA
22	00	58	04.5&	53.243	N	1.118	W	3				6	UNITED KINGDOM. <BGS>. ML 1.6 (BGS).
22	01	02	12.4*	21.142	S	68.382	W	150	*	3.9	0.7	8	CHILE-BOLIVIA BORDER REGION
22	01	38	50.5&	19.130	N	66.390	W	40				6	PUERTO RICO REGION. <MPR>. MD 3.3 (MPR).
22	01	43	42.5&	43.000	N	0.400	W	2				7	PYRENEES. <LDG>. ML 2.5 (LDG).
22	02	08	16.0&	37.990	N	112.410	W	2				26	UTAH. <SLC-P>. ML 3.1 (SLC).
22	02	12	30.0?	45.53	N	14.83	E	10	G		0.2	4	NORTHWESTERN BALKAN REGION. ML 1.3 (LJU).
22	02	14	48.0&	32.653	S	71.688	W	15				8	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.4 (GUC).
22	02	40	25.5&	42.700	N	0.400	W	2				4	PYRENEES. <LDG>. ML 1.9 (LDG).
22	02	41	52.2&	43.000	N	0.400	W	2				4	PYRENEES. <LDG>. ML 2.0 (LDG).
22	03	09	36.0&	18.180	N	66.840	W	20				11	PUERTO RICO REGION. <MPR>. MD 2.8 (MPR).
22	03	29	12.6&	42.900	N	0.200	W	2				4	PYRENEES. <LDG>. ML 1.9 (LDG).
22	03	37	53.7*	43.693	S	41.446	E	10	G	4.8	0.8	8	PRINCE EDWARD ISLANDS REGION
22	03	51	44.3&	19.350	N	66.640	W	39				9	PUERTO RICO REGION. <MPR>. MD 3.1 (MPR).
22	04	03	02.6&	43.000	N	0.200	W	2				14	PYRENEES. <LDG>. ML 2.7 (LDG). mbLg 2.3 (MDD). Felt (III) at Asson, France.
22	04	03	42.0&	19.220	N	66.700	W	37				11	PUERTO RICO REGION. <MPR>. MD 3.8 (MPR).
22	04	07	53.4&	19.320	N	66.580	W	29				5	PUERTO RICO REGION. <MPR>. MD 3.0 (MPR).
22	04	35	50.3	17.938	S	65.594	W	33	N	4.8	1.2	87	CENTRAL BOLIVIA
22	04	36	59.6&	34.191	S	70.156	W	7				8	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.6 (GUC).
22	04	47	32.2&	39.073	N	26.875	E	10	G			4	TURKEY. <ISK>. MD 2.9 (ISK).
22	04	48	50.4	17.731	S	65.431	W	24	G	5.9 6.6	1.4	226	CENTRAL BOLIVIA. Mw 6.6 (GS), 6.6 (HRV). Me 5.9 (GS). Ms 6.4 (BRK). At least 105 people killed and 150 injured in the Aiquile-Totora area. Eighty percent of the buildings at Aiquile and seventy percent at Totora were destroyed. Felt as far as La Paz. Broadband Source Parameters (GS): Dep 24; NP1: Strike=15, Dip=70, Slip=130; NP2: Strike=127, Dip=44, Slip=30; Radiated energy 1.7*10**13 Nm. Complex earthquake with at least two larger events occurring 8 and 12 seconds after the onset. Depth based on the first of the larger events. Moment Tensor (GS): Dep 4; Principal axes (scale 10**18 Nm): (T) Val=8.23, Plg=55, Azm=283; (N) Val=1.35, Plg=20, Azm=161; (P) Val=-9.58, Plg=27, Azm=61; Best double couple: Mo=8.9*10**18 Nm; NP1: Strike=112, Dip=25, Slip=37; NP2: Strike=347, Dip=75, Slip=111. Centroid, Moment Tensor (HRV): Centroid origin time 04:49:02.5; Lat 17.60 S; Lon 65.20 W; Dep 15.0 Bdy; Half-duration 4.7 sec; Principal axes (scale 10**18 Nm): (T) Val=8.18, Plg=6, Azm=141; (N) Val=0.51, Plg=79, Azm=265; (P) Val=-8.69, Plg=9, Azm=50; Best double couple: Mo=8.4*10**18 Nm; NP1: Strike=186, Dip=79, Slip=-178; NP2:

Strike=96, Dip=88, Slip=-11.
Scalar Moment (PPT): Mo=1.1*10**19 Nm.

22	04	56	16.7*	18.005	S	65.820	W	33	N	5.3	1.2	23	CENTRAL BOLIVIA
22	05	09	19.7*	17.987	S	65.008	W	33	N	4.0	1.4	7	CENTRAL BOLIVIA
22	05	22	03.0?	18.09	S	65.24	W	33	N		1.2	14	CENTRAL BOLIVIA
22	05	43	28.1*	18.021	S	65.052	W	33	N	4.1	1.2	26	CENTRAL BOLIVIA
22	05	44	03.7	17.974	S	65.202	W	33	N	4.5	0.9	32	CENTRAL BOLIVIA
22	05	51	59.1&	66.345	N	149.260	W	29				9	NORTHERN ALASKA. <AEIC>. ML 3.3 (AEIC), 3.6 (PMR).
22	05	52	37.2	17.820	S	65.072	W	33	N	4.3	1.1	28	CENTRAL BOLIVIA
22	06	02	38.0*	18.127	S	64.879	W	33	N		1.5	10	CENTRAL BOLIVIA
22	06	17	04.9	17.987	S	65.141	W	33	N	5.2 5.6	1.4	114	CENTRAL BOLIVIA
22	06	32	47.5*	18.089	S	65.054	W	33	N		1.2	10	CENTRAL BOLIVIA
22	06	46	02.7&	42.150	N	8.100	W	0	G			7	SPAIN. <MDD>. mbLg 2.6 (MDD).
22	06	50	41.2&	35.680	N	3.640	W	0	G			9	STRAIT OF GIBRALTAR. <MDD>. mbLg 3.2 (MDD).
22	07	18	12.9*	17.819	S	65.072	W	33	N	4.4 4.0	1.4	31	CENTRAL BOLIVIA
22	08	26	21.8*	24.173	N	122.714	E	50	?		1.0	7	TAIWAN REGION
22	08	28	41.9&	33.905	S	71.766	W	27				9	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.1 (GUC).
22	08	57	18.5&	31.732	S	70.308	W	135				10	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.1 (GUC).
22	09	50	12.6&	44.300	N	7.700	E	2				5	NORTHERN ITALY. <LDG>. ML 2.2 (LDG).
22	10	39	17.4*	17.836	S	65.080	W	33	N	4.1	1.4	9	CENTRAL BOLIVIA
22	11	18	32.8	17.742	S	64.894	W	33	N	4.5	1.1	29	CENTRAL BOLIVIA
22	11	22	48.7&	33.099	S	70.323	W	100				14	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 4.1 (GUC).
22	11	29	05.3&	57.971	N	156.814	W	0				15	ALASKA PENINSULA. <AEIC>. ML 4.0 (AEIC), 3.9 (PMR).
22	11	33	45.3&	44.300	N	7.500	E	2				5	NORTHERN ITALY. <LDG>. ML 2.1 (LDG).
22	12	30	12.7*	31.453	N	140.866	E	33	N		0.9	7	SOUTH OF HONSHU, JAPAN
22	12	51	14.6	12.750	N	143.568	E	73	*	4.8	1.3	62	SOUTH OF MARIANA ISLANDS
22	13	33	37.1	6.722	N	95.116	E	209	D	4.4	0.9	47	NICOBAR ISLANDS, INDIA
22	13	41	45.4?	31.99	N	132.80	E	115	*		1.4	14	SOUTHEAST OF SHIKOKU, JAPAN
22	13	46	09.0&	34.173	N	117.343	W	11				22	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS). Felt in the epicentral area.
22	13	59	17.2*	17.960	S	65.382	W	33	N	4.0	1.4	12	CENTRAL BOLIVIA
22	14	27	18.2&	59.196	N	154.173	W	11				7	SOUTHERN ALASKA. <AEIC>. ML 2.7 (AEIC).
22	14	34	10.0	49.875	N	18.390	E	10	G		0.4	10	CZECH AND SLOVAK REPUBLICS
22	14	58	59.1*	17.918	S	65.098	W	33	N		1.4	5	CENTRAL BOLIVIA
22	15	27	30.5&	60.123	N	152.483	W	93				12	SOUTHERN ALASKA. <AEIC>.
22	15	36	16.7*	17.899	S	64.964	W	33	N		1.1	7	CENTRAL BOLIVIA
22	16	10	41.2*	17.682	S	65.072	W	33	N	4.2	1.4	14	CENTRAL BOLIVIA
22	16	22	21.4&	38.495	N	23.428	E	20		3.7		33	GREECE. <THE>. ML 3.8 (THE).
22	16	33	11.3*	18.061	S	64.952	W	33	N	4.1	1.5	12	CENTRAL BOLIVIA
22	16	39	32.6	44.494	N	10.213	E	10	G		0.5	13	NORTHERN ITALY. ML 2.8 (LDG).
22	17	33	05.7*	19.264	S	47.949	W	33	N	4.1	1.2	9	BRAZIL
22	18	59	55.8?	1.53	N	96.93	W	10	G	4.2	0.4	10	WEST OF GALAPAGOS ISLANDS
22	19	12	56.4?	3.05	N	97.62	W	10	G	4.2 4.2	0.9	21	EAST CENTRAL PACIFIC OCEAN
22	19	19	09.7&	33.539	S	72.037	W	30				12	OFF COAST OF CENTRAL CHILE. <GUC>. MD 4.3 (GUC).
22	19	49	33.7	33.622	N	131.514	E	81	D	5.4 4.8	0.9	306	KYUSHU, JAPAN. Mw 5.5 (GS), 5.5 (HRV). Felt (IV JMA) in northern Oita; (III JMA) in southern Oita; (II JMA) in parts of Fukuoka, Kumamoto and Miyazaki Prefectures. Felt (IV JMA) in much of Yamaguchi; (III JMA) in Hiroshima, southern Okayama and northern Shimane; (II JMA) in parts of Hyogo, Okayama and Tottori Prefectures, Honshu. Also felt (III JMA) in Ehime, western Kagawa and southern Kochi; (II JMA) in parts of Kagawa, Kochi and Tokushima Prefectures, Shikoku. Felt (I JMA) as far as Aichi, Shiga and western Shizuoka Prefectures, Honshu. Moment Tensor (GS): Dep 82; Principal axes (scale 10**17 Nm): (T) Val=2.88, Plg=49, Azm=252; (N) Val=-1.25, Plg=24, Azm=12; (P) Val=-1.62, Plg=32, Azm=118; Best double couple: Mo=2.2*10**17 Nm; NP1: Strike=259, Dip=25, Slip=159; NP2: Strike=8, Dip=81, Slip=66. Centroid, Moment Tensor (HRV): Centroid origin time 19:49:37.6; Lat 33.63 N; Lon 131.88 E; Dep 85.7; Half-duration 1.4 sec; Principal axes (scale 10**17 Nm): (T) Val=2.35, Plg=45, Azm=257; (N) Val=-0.51, Plg=32, Azm=27; (P) Val=-1.83, Plg=27, Azm=136; Best double couple: Mo=2.1*10**17 Nm; NP1: Strike=274, Dip=34, Slip=161; NP2: Strike=20, Dip=79, Slip=57.
22	20	10	35.8?	1.36	N	97.38	W	10	G	4.5	0.7	9	WEST OF GALAPAGOS ISLANDS
22	20	19	56.5&	33.276	S	70.969	W	71				11	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.0 (GUC).
22	22	01	41.2?	54.74	S	131.28	W	10	G		1.1	17	PACIFIC-ANTARCTIC RIDGE
22	22	40	15.0&	57.995	N	156.746	W	0				12	ALASKA PENINSULA. <AEIC>. ML 3.0 (AEIC).
22	23	18	55.9	17.649	S	167.314	E	33	N	4.8	0.9	59	VANUATU ISLANDS
23	00	00	55.0&	35.640	N	6.240	W	3				9	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.2 (MDD).
23	00	58	53.9%	39.616	S	174.495	E	200	G		0.2	9	NORTH ISLAND, NEW ZEALAND
23	02	37	01.0	18.040	S	173.146	W	33	N	4.8 4.7	1.0	73	TONGA ISLANDS. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 02:37:06.5; Lat 18.22 S; Lon 172.81 W; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=7.72, Plg=50, Azm=257; (N) Val=0.37, Plg=20, Azm=13; (P) Val=-8.09, Plg=33, Azm=117; Best double couple: Mo=7.9*10**16 Nm; NP1: Strike=257, Dip=22, Slip=156; NP2: Strike=10, Dip=81, Slip=70.
23	02	55	31.3&	39.250	N	2.780	W	3				7	SPAIN. <MDD>. mbLg 1.6 (MDD).
23	03	01	02.4&	32.634	S	70.133	W	109				12	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.3 (GUC).
23	03	50	09.1&	58.027	N	156.758	W	1				10	ALASKA PENINSULA. <AEIC>. ML 3.0 (AEIC).
23	04	43	20.2*	19.378	N	98.763	E	33	N	4.0	1.1	10	SOUTHEAST ASIA
23	05	43	33.7&	42.170	N	8.080	W	0	G			6	SPAIN. <MDD>. mbLg 2.5 (MDD).
23	05	57	45.1&	16.421	N	94.351	W	83				14	OAXACA, MEXICO. <UNM>. MD 4.5 (UNM).
23	06	00	08.6&	39.383	N	27.789	E	13				4	TURKEY. <ISK>. MD 2.7 (ISK).
23	06	55	02.9&	59.245	N	153.687	W	107				16	SOUTHERN ALASKA. <AEIC>.
23	07	57	24.3&	45.495	N	26.258	E	33	N		0.1	5	ROMANIA
23	08	04	53.5&	43.100	N	0.200	E	2				24	FRANCE. <LDG>. ML 2.9 (LDG). mbLg 2.3 (MDD).
23	08	25	28.9&	31.673	S	71.857	W	18				12	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.1 (GUC).
23	08	26	45.8&	63.258	N	151.110	W	11				18	CENTRAL ALASKA. <AEIC>. ML 3.1 (AEIC), 3.3 (PMR).

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23  08 44 34.0   8.464 S  132.335 E   33 N  4.6       1.3   25  TANIMBAR ISLANDS REG., INDONESIA
23  08 54 59.6* 51.512 N   16.261 E    5 G              0.8    6  POLAND. ML 3.0 (VIE), 2.6 (WAR).
23  08 56 56.5& 37.450 N    3.780 W   15                       5  SPAIN. <MDD>. mbLg 1.3 (MDD).
23  09 01 24.5& 39.121 N   27.434 E   10 G                     5  TURKEY. <ISK>. MD 2.8 (ISK).
23  09 23 02.1* 11.261 S  162.388 E   33 N  4.5 4.7  1.4   21  SOLOMON ISLANDS. Mw 5.2 (HRV).
                                                               Centroid, Moment Tensor (HRV): Centroid origin time
                                                                09:23:03.5; Lat 11.30 S; Lon 162.80 E; Dep 24.7; Half-
                                                                duration 1.0 sec; Principal axes (scale 10**16 Nm): (T)
                                                                Val=6.71, Plg=9, Azm=115; (N) Val=0.41, Plg=76, Azm=347;
                                                                (P) Val=-7.13, Plg=11, Azm=206; Best double couple:
                                                                Mo=6.9*10**16 Nm; NP1: Strike=250, Dip=76, Slip=-2; NP2:
                                                                Strike=341, Dip=88, Slip=-166.
23  09 26 15.0& 37.200 N    4.250 W    4                      11  SPAIN. <MDD>. mbLg 2.0 (MDD).
23  09 29 42.9& 18.480 N   66.530 W  105                       6  PUERTO RICO REGION. <MPR>. MD 2.5 (MPR).
23  09 51 05.7& 39.180 S  175.368 E  150 G              0.1   11  NORTH ISLAND, NEW ZEALAND
23  09 58 55.7  37.388 N   72.236 E  204 *  4.3       1.0   31  TAJIKISTAN
23  10 07 54.6* 30.886 S   65.487 W  202 ?  3.9       0.9   18  CORDOBA PROVINCE, ARGENTINA
23  12 27 00.7& 39.725 N   25.838 E   10 G                    10  AEGEAN SEA. <ISK>. MD 3.4 (ISK).
23  12 52 55.5  18.030 S   65.209 W   33 N  4.6 4.3  1.2   56  CENTRAL BOLIVIA
23  13 09 53.7* 42.091 N  143.445 E   33 N              1.0   10  HOKKAIDO, JAPAN  REGION
23  13 37 07.6? 54.66  S  130.84  W   10 G  4.3       1.0   11  PACIFIC-ANTARCTIC RIDGE
23  13 41 21.7? 54.66  S  130.51  W   10 G  3.9       1.1   11  PACIFIC-ANTARCTIC RIDGE
23  13 49 59.1& 39.820 N   26.687 E    6                      5  TURKEY. <ISK>. MD 2.7 (ISK).
23  14 27 12.6  31.650 S  178.589 W   33 N  5.0 4.4  1.1   65  KERMADEC ISLANDS REGION. Mw 5.1 (HRV).
                                                               Centroid, Moment Tensor (HRV): Centroid origin time
                                                                14:27:18.9; Lat 31.65 S; Lon 178.55 W; Dep 67.4; Half-
                                                                duration 1.0 sec; Principal axes (scale 10**16 Nm): (T)
                                                                Val=4.45, Plg=73, Azm=291; (N) Val=1.30, Plg=2, Azm=194;
                                                                (P) Val=-5.76, Plg=17, Azm=103; Best double couple:
                                                                Mo=5.1*10**16 Nm; NP1: Strike=189, Dip=28, Slip=85; NP2:
                                                                Strike=15, Dip=62, Slip=93.
23  14 27 19.1* 17.876 S  178.485 W  600 G  4.6       1.0   39  FIJI ISLANDS REGION
23  14 51 30.0& 44.210 N  111.010 W   28                       9  HEBGEN LAKE REGION. <SLC-P>. ML 3.0 (SLC).
23  15 02 41.2*  8.954 S  118.701 E   33 N              0.7    6  SUMBAWA REGION, INDONESIA
23  15 11 33.0  27.929 S   66.862 W  150 G  4.5       1.0   57  CATAMARCA PROVINCE, ARGENTINA
23  15 12 45.4   4.683 S  151.218 E   67 *  4.7       1.0   35  NEW BRITAIN REGION, P.N.G.
23  15 44 37.7   6.283 S  154.943 E   33 N  5.3 4.7  1.0  160  SOLOMON ISLANDS. Mw 5.2 (HRV).
                                                               Centroid, Moment Tensor (HRV): Centroid origin time
                                                                15:44:44.1; Lat 6.49 S; Lon 154.91 E; Dep 73.6; Half-
                                                                duration 1.0 sec; Principal axes (scale 10**16 Nm): (T)
                                                                Val=7.97, Plg=84, Azm=273; (N) Val=-0.87, Plg=5, Azm=131;
                                                                (P) Val=-7.11, Plg=4, Azm=41; Best double couple:
                                                                Mo=7.5*10**16 Nm; NP1: Strike=126, Dip=42, Slip=83; NP2:
                                                                Strike=315, Dip=49, Slip=96.
23  15 53 41.3& 41.202 N   29.018 E    5                      4  TURKEY. <ISK>. MD 2.6 (ISK).
23  16 11 07.3& 32.150 S   71.742 W   10                      9  NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.8 (GUC).
23  16 29 55.5& 59.722 N  153.105 W  101                      14  SOUTHERN ALASKA. <AEIC>.
23  16 47 27.1& 35.960 N    4.610 W   16                      17  STRAIT OF GIBRALTAR. <MDD>. mbLg 2.3 (MDD).
23  17 02 55.7*  3.420 S  139.622 E   33 N  3.9       0.6   14  IRIAN JAYA, INDONESIA
23  17 06 07.3& 60.348 N  153.100 W  141     4.3             54  SOUTHERN ALASKA. <AEIC>.
23  17 44 47.7   8.138 N  123.726 E  658 D  5.9       0.8  434  MINDANAO, PHILIPPINE ISLANDS. Mw 6.0 (GS), 6.0 (HRV). Me 5.9
                                                                (GS). Felt (I RF) at Cagayan de Oro.
                                                               Broadband Source Parameters (GS): Dep 635; NP1: Strike=246,
                                                                Dip=26, Slip=-70; NP2: Strike=44, Dip=66, Slip=-99;
                                                                Radiated energy 1.8*10**13 Nm.
                                                               Moment Tensor (GS): Dep 623; Principal axes (scale 10**18
                                                                Nm): (T) Val=1.41, Plg=21, Azm=137; (N) Val=-0.16, Plg=7,
                                                                Azm=45; (P) Val=-1.25, Plg=68, Azm=296; Best double couple:
                                                                Mo=1.3*10**18 Nm; NP1: Strike=240, Dip=25, Slip=-73; NP2:
                                                                Strike=41, Dip=66, Slip=-98.
                                                               Centroid, Moment Tensor (HRV): Centroid origin time
                                                                17:44:50.0; Lat 8.29 N; Lon 123.86 E; Dep 628.8; Half-
                                                                duration 2.5 sec; Principal axes (scale 10**18 Nm): (T)
                                                                Val=1.32, Plg=23, Azm=136; (N) Val=-0.10, Plg=8, Azm=42;
                                                                (P) Val=-1.22, Plg=65, Azm=293; Best double couple:
                                                                Mo=1.3*10**18 Nm; NP1: Strike=242, Dip=23, Slip=-68; NP2:
                                                                Strike=39, Dip=69, Slip=-99.
23  17 47 16.7& 40.688 N   29.729 E   13                      4  TURKEY. <ISK>. MD 2.6 (ISK).
23  18 41 05.1& 19.451 N   98.834 W    8                     12  CENTRAL MEXICO. <UNM>. MD 3.8 (UNM).
23  19 25 40.9  32.108 N  130.117 E   33 N  3.8       1.3   17  KYUSHU, JAPAN
23  19 28 12.6*  4.824 S  150.967 E  200 G  4.3       1.5   25  NEW BRITAIN REGION, P.N.G.
23  20 09 27.4*  4.890 S  151.402 E  200 G  4.5       1.0   19  NEW BRITAIN REGION, P.N.G.
23  20 22 29.5* 40.378 N  126.219 W   10 G              0.7   13  OFF COAST OF NORTHERN CALIFORNIA. ML 3.4 (GS).
23  20 45 05.1& 59.696 N  153.036 W  110                      15  SOUTHERN ALASKA. <AEIC>.
23  20 53 07.1& 16.012 N   61.102 W   36                      4  LEEWARD ISLANDS. <FDF>. MG 2.5 (FDF).
23  20 54 24.1* 53.186 N  170.457 W  126     3.9       0.9   14  FOX ISLANDS, ALEUTIAN ISLANDS
23  21 10 15.0  36.397 N   71.088 E  250 G  4.0       0.9   30  AFGHANISTAN-TAJIKISTAN BORD REG.
23  22 05 57.1& 37.585 N  118.845 W   10                     19  CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.1 (GM). ML 3.1
                                                                (BRK).
23  23 22 17.1*  1.799 S  100.543 E  100 G  4.4       1.3   21  SOUTHERN SUMATERA, INDONESIA
24  00 17 21.5& 37.240 N    3.770 W    0                      7  SPAIN. <MDD>. mbLg 1.2 (MDD).
24  00 33 35.4& 63.316 N  151.332 W   18                     19  CENTRAL ALASKA. <AEIC>. ML 2.9 (AEIC), 3.3 (PMR).
24  00 57 48.3& 38.798 N   26.146 E   10 G                    7  AEGEAN SEA. <ISK>. MD 3.1 (ISK).
24  01 32 18.5  13.101 S  166.503 E   64 *  4.9       1.1   78  VANUATU ISLANDS
24  02 05 30.0* 17.750 S   65.127 W   33 N  4.2       1.0   13  CENTRAL BOLIVIA
24  02 24 16.5  20.417 S  177.945 W  500 G  4.6       0.9   60  FIJI ISLANDS REGION
24  02 24 52.1   6.537 S  104.785 E   33 N  5.1 4.8  1.4   93  SUNDA STRAIT. Mw 5.2 (HRV).
                                                               Centroid, Moment Tensor (HRV): Centroid origin time
                                                                02:24:52.8; Lat 6.70 S; Lon 104.82 E; Dep 42.8; Half-
                                                                duration 1.0 sec; Principal axes (scale 10**16 Nm): (T)
                                                                Val=8.38, Plg=5, Azm=326; (N) Val=-0.67, Plg=66, Azm=67;
                                                                (P) Val=-7.72, Plg=23, Azm=234; Best double couple:
                                                                Mo=8.1*10**16 Nm; NP1: Strike=12, Dip=70, Slip=-167; NP2:
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Strike=277, Dip=77, Slip=-20.

24	02	30	07.5*	32.168	N	138.079	E	400	G		1.1	14	SOUTH OF HONSHU, JAPAN
24	02	32	53.5	6.513	S	104.906	E	53	*	5.2 5.1	1.4	111	SUNDA STRAIT. Mw 5.6 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 02:32:54.8; Lat 6.47 S; Lon 104.94 E; Dep 56.0; Half-duration 1.3 sec; Principal axes (scale 10**17 Nm): (T) Val=2.73, Plg=3, Azm=325; (N) Val=-0.02, Plg=59, Azm=59; (P) Val=-2.71, Plg=31, Azm=233; Best double couple: Mo=2.7*10**17 Nm; NP1: Strike=13, Dip=67, Slip=-159; NP2: Strike=275, Dip=71, Slip=-25.
24	02	41	32.9	0.889	S	121.779	E	33	N	4.7	1.3	20	MINAHASSA PENINSULA, SULAWESI
24	03	10	25.7&	37.628	N	118.855	W	8				9	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM).
24	04	56	41.7&	35.445	N	117.436	W	2				9	CENTRAL CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
24	04	57	23.0*	17.803	N	86.570	W	10	G	4.0	0.7	14	CARIBBEAN SEA
24	05	06	36.8&	19.110	N	67.170	W	25				11	MONA PASSAGE. <MPR>. MD 3.6 (MPR).
24	07	29	18.5&	62.886	N	150.748	W	105				18	CENTRAL ALASKA. <AEIC>.
24	07	36	04.0*	16.509	S	174.541	W	100	G	4.4	1.0	25	TONGA ISLANDS
24	07	37	08.6&	31.992	S	70.015	W	128				15	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 4.1 (GUC).
24	07	42	44.8&	18.230	N	67.830	W	147				6	MONA PASSAGE. <MPR>. MD 3.1 (MPR).
24	08	15	58.0*	10.690	S	162.231	E	100	G	4.1	1.5	19	SOLOMON ISLANDS
24	08	31	14.7&	31.771	S	70.029	W	161				10	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.9 (GUC).
24	09	07	38.3*	6.401	S	104.915	E	33	N	4.7	1.2	13	SUNDA STRAIT
24	09	11	42.1&	63.277	N	151.015	W	14				24	CENTRAL ALASKA. <AEIC>. ML 3.1 (AEIC), 3.5 (PMR).
24	09	29	47.6*	18.318	S	167.640	E	33	N	4.4	1.3	28	VANUATU ISLANDS
24	09	30	32.3&	16.767	N	99.874	W	10				10	NEAR COAST OF GUERRERO, MEXICO. <UNM>. MD 3.8 (UNM).
24	09	45	55.0*	54.617	N	168.713	E	33	N	4.2	1.1	18	KOMANDORSKY ISLANDS REGION
24	09	59	48.0&	43.590	N	9.490	W	18				6	SPAIN. <MDD>. mbLg 2.3 (MDD).
24	11	10	11.3&	36.550	N	4.780	W	27				10	STRAIT OF GIBRALTAR. <MDD>. mbLg 1.7 (MDD).
24	11	17	37.4&	34.368	S	70.194	W	16				11	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.3 (GUC).
24	11	45	59.8&	59.804	N	150.829	W	40				26	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.1 (AEIC), 3.4 (PMR).
24	12	32	40.0*	42.388	N	134.100	E	459	*	3.5	0.8	9	NEAR SOUTHEAST COAST OF RUSSIA
24	12	35	03.6*	51.153	N	158.016	E	33	N	4.2	0.7	8	NEAR EAST COAST OF KAMCHATKA
24	13	03	12.4&	42.110	N	8.110	W	15				5	SPAIN. <MDD>. mbLg 2.6 (MDD).
24	13	22	29.0*	34.569	N	74.052	E	33	N	3.8	0.6	10	SOUTHWESTERN KASHMIR
24	13	41	46.8	17.020	S	72.536	W	33	N	4.9 4.7	0.8	101	NEAR COAST OF PERU. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 13:41:52.1; Lat 17.27 S; Lon 72.99 W; Dep 54.7; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=1.00, Plg=78, Azm=75; (N) Val=0.35, Plg=5, Azm=320; (P) Val=-1.35, Plg=11, Azm=229; Best double couple: Mo=1.2*10**17 Nm; NP1: Strike=313, Dip=34, Slip=81; NP2: Strike=144, Dip=56, Slip=96.
24	13	44	15.3*	17.843	S	177.668	W	350	G	4.4	0.9	32	FIJI ISLANDS REGION
24	13	47	15.4&	39.510	S	175.846	E	75	?		0.3	13	NORTH ISLAND, NEW ZEALAND
24	14	07	06.5*	2.466	S	140.283	E	33	N	3.8	1.5	9	NEAR NORTH COAST OF IRIAN JAYA
24	17	15	46.0&	54.469	N	161.846	W	0				10	ALASKA PENINSULA. <AEIC>. ML 2.7 (AEIC).
24	17	34	04.0&	33.640	S	70.360	W	107				10	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.2 (GUC).
24	17	38	17.8&	42.080	N	8.120	W	14				7	SPAIN. <MDD>. mbLg 3.1 (MDD).
24	17	45	24.8	46.229	N	13.726	E	10	G		1.3	26	AUSTRIA. ML 3.2 (GRF), 3.1 (VIE), 2.8 (FUR), 2.7 (LJU).
24	18	23	19.3&	15.622	N	94.996	W	63				9	NEAR COAST OF OAXACA, MEXICO. <UNM>. MD 4.4 (UNM).
24	18	58	38.5*	18.233	S	167.600	E	33	N	4.8 4.5	1.3	46	VANUATU ISLANDS
24	19	01	23.9&	18.640	N	66.460	W	21				5	PUERTO RICO REGION. <MPR>. MD 2.4 (MPR).
24	19	17	42.1*	8.059	N	127.262	E	33	N	4.4	1.5	19	PHILIPPINE ISLANDS REGION
24	21	28	46.8*	39.699	N	141.924	E	100	G	4.2	1.2	15	EASTERN HONSHU, JAPAN. Felt (I JMA) in Iwate Prefecture.
24	21	52	34.3	31.837	N	131.650	E	47	*	4.6 3.7	1.5	33	KYUSHU, JAPAN. Felt (II JMA) in southern Miyazaki and (I JMA) in parts of Kagoshima, Kumamoto and Miyazaki Prefectures.
24	22	30	14.6&	60.117	N	152.697	W	99		4.3		38	SOUTHERN ALASKA. <AEIC>.
24	22	40	37.5&	37.190	N	4.280	W	0	G			8	SPAIN. <MDD>. mbLg 1.5 (MDD).
24	22	46	08.9&	37.200	N	4.250	W	0	G			8	SPAIN. <MDD>. mbLg 1.4 (MDD).
24	22	48	34.2&	17.275	N	62.451	W	128				10	LEEWARD ISLANDS. <FDF>. MG 4.1 (FDF).
24	23	19	54.5&	43.300	N	7.300	E	10				5	NEAR SOUTH COAST OF FRANCE. <LDG>. ML 1.8 (LDG).
24	23	27	01.6&	46.800	N	4.700	E	2				5	FRANCE. <LDG>. ML 1.6 (LDG).
25	00	43	57.0&	46.200	N	2.800	E	3				7	FRANCE. <LDG>. ML 2.0 (LDG).
25	00	52	53.3&	32.988	S	71.164	W	33				11	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.2 (GUC).
25	01	55	41.8?	31.64	N	139.94	E	125	?	3.5	1.4	11	SOUTH OF HONSHU, JAPAN
25	02	17	55.1	6.842	N	72.933	W	155	D	5.0	0.9	125	NORTHERN COLOMBIA
25	02	57	07.1&	63.269	N	151.068	W	5				23	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC).
25	03	21	15.1?	17.18	S	175.34	W	33	N	4.5	1.0	11	TONGA ISLANDS
25	03	27	58.8&	36.420	N	7.830	W	30	G			19	STRAIT OF GIBRALTAR. <MDD>.
25	07	47	52.8&	63.247	N	151.055	W	8				29	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC).
25	07	48	19.9&	61.637	N	150.090	W	32				17	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
25	08	26	27.8&	37.160	N	4.240	W	0	G			10	SPAIN. <MDD>. mbLg 1.9 (MDD).
25	08	53	50.9*	3.209	S	133.594	E	33	N	3.4	1.4	11	IRIAN JAYA REGION, INDONESIA
25	09	20	00.1	3.958	S	128.994	E	33	N	4.0	1.1	23	SERAM, INDONESIA
25	09	54	22.8&	39.131	N	27.563	E	10				4	TURKEY. <ISK>. MD 2.7 (ISK).
25	10	05	44.3&	16.949	N	94.548	W	133				15	OAXACA, MEXICO. <UNM>. MD 4.4 (UNM).
25	10	14	21.7&	41.115	N	28.902	E	10				4	TURKEY. <ISK>. MD 2.6 (ISK).
25	11	23	09.0*	37.637	S	177.823	E	189	*	3.9	0.6	18	OFF E. COAST OF N. ISLAND, N.Z.
25	11	24	24.1&	42.070	N	8.130	W	14				21	SPAIN. <MDD>. ML 3.3 (LDG). mbLg 3.1 (MDD).
25	11	33	21.2&	44.387	N	7.285	E	14				6	NORTHERN ITALY. <GEN>. ML 1.8 (GEN).
25	11	51	32.2*	40.608	N	20.685	E	10	G		1.3	11	GREECE-ALBANIA BORDER REGION. ML 3.5 (PDG).
25	12	54	56.4	35.817	N	22.463	E	33	N	4.4	1.4	86	CENTRAL MEDITERRANEAN SEA
25	13	31	28.4	9.722	N	126.409	E	33	N	4.7	0.8	44	MINDANAO, PHILIPPINE ISLANDS
25	13	34	32.6	18.016	S	65.002	W	33	N	4.1	1.2	13	CENTRAL BOLIVIA
25	13	44	51.0&	44.423	N	6.758	E	4				17	FRANCE. <GEN>. ML 2.4 (GEN), 2.2 (LDG).
25	15	07	52.2&	43.000	N	0.100	E	5				4	FRANCE. <LDG>. ML 2.2 (LDG).
25	15	47	02.0&	46.457	N	81.174	W	1	G	3.4		27	ONTARIO, CANADA. <OTT-P>. mbLg 3.9 (OTT), 3.5 (GS). Mining related event near Sudbury. Felt at Fairbanks, Hanmer, Lively, Longlake, Onaping, Penage and Vermillion Lake.
25	17	37	09.4&	40.660	N	29.984	E	9				8	TURKEY. <ISK>. MD 3.0 (ISK).
25	19	00	44.9&	59.898	N	151.124	W	39				16	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.8 (AEIC).
25	19	04	56.1	9.679	N	126.620	E	115	*	4.6	1.3	56	MINDANAO, PHILIPPINE ISLANDS

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25  19 11 10.5  46.438 N   15.280 E   10 G          0.8    7  NORTHWESTERN BALKAN REGION. ML 2.1 (VIE).
25  19 14 21.3  13.691 N   90.919 W   70     4.8 4.6 1.0  168  NEAR COAST OF GUATEMALA. MD 4.9 (UNM), 4.9 (SSS). Felt (III)
                                                                 at San Salvador, El Salvador.
25  19 16 16.5& 39.837 N   28.772 E   10 G              4  TURKEY. <ISK>. MD 2.7 (ISK).
25  19 19 09.6& 33.910 S   70.585 W  105               12  CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.4 (GUC).
25  19 35 28.6* 18.018 S   65.081 W   33 N 4.4      1.2  13  CENTRAL BOLIVIA
25  19 53 28.0& 63.247 N  151.020 W    6               9  CENTRAL ALASKA. <AEIC>. ML 2.1 (AEIC).
25  20 35 23.3& 44.467 N    7.300 E   17              10  NORTHERN ITALY. <GEN>. ML 2.3 (GEN).
25  20 45 06.2  17.251 S  179.069 W  600 G 4.4      0.4  30  FIJI ISLANDS REGION
25  21 20 41.3& 18.460 N   66.530 W  107               5  PUERTO RICO REGION. <MPR>. MD 2.7 (MPR).
25  22 08 07.8& 31.845 S   69.836 W  142              12  SAN JUAN PROVINCE, ARGENTINA. <GUC>. MD 2.7 (GUC).
25  22 11 22.0*  4.308 S  127.949 E  100 G 3.6      0.6  10  BANDA SEA
25  22 56 45.4* 10.454 N  126.263 E  200 G 4.1      1.2  19  PHILIPPINE ISLANDS REGION
26  00 14 39.7* 44.113 N  149.093 E   33 N 4.5      1.3  40  KURIL ISLANDS
26  01 08 17.9  17.828 S   65.374 W   33 N 5.1 4.9 1.3  118  CENTRAL BOLIVIA. Mw 5.4 (HRV).
                                                              Centroid, Moment Tensor (HRV): Centroid origin time
                                                               01:08:19.8; Lat 17.80 S; Lon 65.34 W; Dep 28.6; Half-
                                                               duration 1.1 sec; Principal axes (scale 10**17 Nm): (T)
                                                               Val=1.22, Plg=10, Azm=159; (N) Val=0.39, Plg=61, Azm=269;
                                                               (P) Val=-1.61, Plg=26, Azm=64; Best double couple:
                                                               Mo=1.4*10**17 Nm; NP1: Strike=204, Dip=64, Slip=-168; NP2:
                                                               Strike=109, Dip=79, Slip=-27.
26  01 13 06.4  51.617 N  178.790 E   33 N 4.4      1.1  31  RAT ISLANDS, ALEUTIAN ISLANDS. ML 4.8 (PMR).
26  01 34 11.6* 17.744 N  101.384 W   33 N 3.8      1.4  28  NEAR COAST OF GUERRERO, MEXICO. MD 4:4 (UNM).
26  01 34 32.0& 34.208 S   70.765 W   90              13  CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.1 (GUC).
26  02 20 06.6* 35.273 N   28.799 E   33 N      0.5  12  EASTERN MEDITERRANEAN SEA
26  02 29 49.8* 42.092 N    8.116 W   10 G      0.7   6  SPAIN. mbLg 2.5 (MDD).
26  02 49 56.7  44.991 N    7.172 E   10 G      1.1  26  NORTHERN ITALY. ML 2.6 (GEN), 2.3 (LDG), 2.1 (STR).
26  03 36 34.5& 31.477 S   70.234 W  156               9  CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.1 (GUC).
26  04 14 26.9* 25.350 S  179.147 E  600 G 4.0      1.2  15  SOUTH OF FIJI ISLANDS
26  04 26 40.0& 52.425 N  169.643 W    0               6  FOX ISLANDS, ALEUTIAN ISLANDS. <AEIC>. ML 3.5 (AEIC).
26  04 27 22.3& 38.112 N   30.028 E   10 G              4  TURKEY. <ISK>. MD 3.2 (ISK).
26  05 03 41.6& 37.100 N    1.930 W    6               7  SPAIN. <MDD>. mbLg 2.2 (MDD).
26  05 10 13.3& 15.224 N   60.957 W   98              10  LEEWARD ISLANDS. <FDF>. MG 3.2 (FDF).
26  05 37 57.9* 9.909 N   126.762 E   34 D 4.3      1.2  16  MINDANAO, PHILIPPINE ISLANDS
26  06 52 32.9* 15.552 S  177.656 W  400 G 3.9      1.0  24  FIJI ISLANDS REGION
26  07 01 09.6* 12.261 S  166.131 E  100 G 4.6      1.1  11  SANTA CRUZ ISLANDS
26  07 33 21.5* 9.994 N   126.353 E  200 G 3.8      0.8  11  MINDANAO, PHILIPPINE ISLANDS
26  08 22 09.3* 1.279 S   133.839 E   33 N 3.8      0.9  10  IRIAN JAYA REGION, INDONESIA
26  09 08 40.4* 36.842 N   69.835 E  100 G 4.0      1.2  22  HINDU KUSH REGION, AFGHANISTAN
26  10 39 30.3& 57.961 N  156.810 W   10               5  ALASKA PENINSULA. <AEIC>. ML 2.8 (AEIC).
26  10 43 55.1& 42.150 N    8.120 W    0               5  SPAIN. <MDD>. mbLg 2.8 (MDD).
26  12 34 06.0*  9.549 N   57.974 E   10 G 4.7      1.1  17  CARLSBERG RIDGE
26  13 03 31.0*  9.717 N  126.375 E  135 ? 4.0      1.1  14  MINDANAO, PHILIPPINE ISLANDS
26  13 59 12.5& 36.270 N    2.890 W    0 G              6  STRAIT OF GIBRALTAR. <MDD>. mbLg 2.6 (MDD).
26  14 49 44.6& 36.410 N    5.130 W    0 G              6  STRAIT OF GIBRALTAR. <MDD>. mbLg 2.0 (MDD).
26  15 31 55.4& 53.439 N  165.284 W   39     4.1       15  FOX ISLANDS, ALEUTIAN ISLANDS. <AEIC>. ML 3.7 (AEIC).
26  16 00 34.0& 46.500 N    7.000 E    2               4  SWITZERLAND. <LDG>. ML 2.0 (LDG).
26  16 13 12.5& 18.780 N   66.200 W    2               4  PUERTO RICO REGION. <MPR>.
26  17 13 40.0* 14.057 S  167.129 E  240 * 3.9      1.0  40  VANUATU ISLANDS
26  17 26 10.2& 61.551 N  150.038 W   38               9  SOUTHERN ALASKA. <AEIC>. ML 2.4 (AEIC), 2.8 (PMR).
26  17 50 15.0  51.730 N  156.886 E  150 G 4.3      0.6  15  KAMCHATKA
26  18 01 56.6& 33.684 S   71.175 W   53              13  NEAR COAST OF CENTRAL CHILE. <GUC>.
26  18 35 42.8* 14.868 N  146.106 E  100 G 4.4      1.0  13  MARIANA ISLANDS
26  18 42 23.9*  6.219 S  150.410 E   33 N 4.3      1.0  20  NEW BRITAIN REGION, P.N.G.
26  18 48 00.2& 45.700 N    0.800 W    2               6  FRANCE. <LDG>. ML 2.2 (LDG).
26  19 33 29.3*  7.168 N   78.644 W   33 N 3.9      0.8   9  PANAMA
26  19 51 50.0  62.927 S  144.503 E   10 G 4.8 4.5 0.7   34  SOUTH OF AUSTRALIA
26  20 35 31.6*  9.628 N  126.591 E  139 * 4.3      1.3  31  MINDANAO, PHILIPPINE ISLANDS
26  20 44 07.0& 31.275 S   71.618 W   27               7  NEAR COAST OF CENTRAL CHILE. <GUC>.
26  21 07 38.9? 7.74  N   78.46  W   33 N 4.0      1.3   7  PANAMA
26  23 18 55.3& 32.399 S   70.313 W  115              13  CHILE-ARGENTINA BORDER REGION. <GUC>.
26  23 30 06.0*  0.548 S   80.418 W   33 N 4.0      0.9  19  NEAR COAST OF ECUADOR
27  01 16 30.4  22.028 N  125.604 E   33 N 5.4      0.9  192  SOUTHEAST OF TAIWAN. Mw 5.3 (HRV).
                                                              Centroid, Moment Tensor (HRV): Centroid origin time
                                                               01:16:31.2; Lat 21.90 N; Lon 125.56 E; Dep 15.0 Fix; Half-
                                                               duration 1.0 sec; Principal axes (scale 10**17 Nm): (T)
                                                               Val=0.70, Plg=31, Azm=6; (N) Val=0.40, Plg=58, Azm=171; (P)
                                                               Val=-1.09, Plg=7, Azm=271; Best double couple:
                                                               Mo=9.0*10**16 Nm; NP1: Strike=44, Dip=63, Slip=161; NP2:
                                                               Strike=142, Dip=73, Slip=28.
27  01 26 35.0  35.962 N   22.277 E   33 N 4.2      1.1  30  CENTRAL MEDITERRANEAN SEA
27  01 34 49.9*  5.254 S  140.540 E   33 N 3.6      1.1  10  IRIAN JAYA, INDONESIA
27  01 42 14.3   4.015 S  128.258 E   33 N 5.0      1.1  36  BANDA SEA. Mw 5.3 (HRV). Felt (III) on Ambon, Indonesia.
                                                              Centroid, Moment Tensor (HRV): Centroid origin time
                                                               01:42:15.8; Lat 3.48 S; Lon 128.46 E; Dep 15.0 Fix; Half-
                                                               duration 1.0 sec; Principal axes (scale 10**17 Nm): (T)
                                                               Val=0.92, Plg=18, Azm=72; (N) Val=0.12, Plg=44, Azm=324;
                                                               (P) Val=-1.04, Plg=40, Azm=178; Best double couple:
                                                               Mo=9.8*10**16 Nm; NP1: Strike=207, Dip=48, Slip=-19; NP2:
                                                               Strike=310, Dip=76, Slip=-136.
27  03 24 17.0  50.462 S  139.489 E   10 G 5.1 5.4 1.3   86  SOUTH OF AUSTRALIA. Mw 5.7 (HRV).
                                                              Centroid, Moment Tensor (HRV): Centroid origin time
                                                               03:24:23.2; Lat 50.59 S; Lon 139.32 E; Dep 15.0 Fix; Half-
                                                               duration 1.8 sec; Principal axes (scale 10**17 Nm): (T)
                                                               Val=4.80, Plg=13, Azm=46; (N) Val=-0.71, Plg=72, Azm=268;
                                                               (P) Val=-4.09, Plg=11, Azm=139; Best double couple:
                                                               Mo=4.4*10**17 Nm; NP1: Strike=182, Dip=73, Slip=1; NP2:
                                                               Strike=92, Dip=89, Slip=163.
27  03 39 13.6*  1.426 N  126.414 E   33 N 4.3      1.3  10  NORTHERN MOLUCCA SEA
27  04 09 49.5* 50.390 S  139.048 E   33 N 4.1      1.4  21  SOUTH OF AUSTRALIA
27  05 00 00.0   1.666 N  125.520 E  112 * 4.8      1.1  42  NORTHERN MOLUCCA SEA
27  05 34 24.3   0.206 N  119.518 E   33 N          1.0  17  MINAHASSA PENINSULA, SULAWESI
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27	06	02	43.1*	46.234	N	13.626	E	10	G		1.4	10	AUSTRIA. ML 2.5 (VIE), 1.9 (LJU).
27	06	04	52.0&	36.110	N	89.010	W	5				7	NEW MADRID, MISSOURI REGION. <TEIC>. MD 2.4 (TEIC). mbLg 2.1 (GS).
27	06	19	37.6*	0.578	N	124.164	E	33	N	4.3	0.8	10	MINAHASSA PENINSULA, SULAWESI
27	06	33	20.6?	52.97	N	159.30	E	33	N	4.3	0.5	8	OFF EAST COAST OF KAMCHATKA
27	06	38	37.5*	39.760	S	174.561	E	33	N		0.6	8	NORTH ISLAND, NEW ZEALAND. ML 3.8 (WEL).
27	07	23	16.0*	47.279	N	11.285	E	10	G		0.3	5	AUSTRIA. ML 2.0 (VIE).
27	07	23	43.1&	34.004	S	118.462	E	10	G		0.8	8	WESTERN AUSTRALIA
27	07	24	10.5&	31.407	S	69.401	W	210				9	SAN JUAN PROVINCE, ARGENTINA. <GUC>.
27	07	35	58.8&	34.450	S	70.430	W	131				7	CHILE-ARGENTINA BORDER REGION. <GUC>.
27	08	27	01.6&	39.629	N	29.517	E	10	G			4	TURKEY. <ISK>. MD 2.6 (ISK).
27	08	52	29.8&	31.502	S	70.698	W	126				10	CHILE-ARGENTINA BORDER REGION. <GUC>.
27	09	07	05.5	16.418	S	168.036	E	199	*	4.5	1.1	61	VANUATU ISLANDS
27	09	16	43.5&	32.794	S	70.180	W	104				9	CHILE-ARGENTINA BORDER REGION. <GUC>.
27	10	17	30.6&	45.300	N	4.350	E	2				4	FRANCE. <STR>. ML 2.3 (STR).
27	10	37	23.7	6.430	S	155.298	E	117	D	5.1	0.9	84	SOLOMON ISLANDS. Mw 5.2 (HRV).
													Centroid, Moment Tensor (HRV): Centroid origin time 10:37:25.0; Lat 6.57 S; Lon 154.89 E; Dep 115.8; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=6.91, Plg=35, Azm=252; (N) Val=0.74, Plg=0, Azm=162; (P) Val=-7.65, Plg=55, Azm=72; Best double couple: Mo=7.3*10**16 Nm; NP1: Strike=343, Dip=10, Slip=-90; NP2: Strike=162, Dip=80, Slip=-90.
27	10	39	52.7*	37.147	N	69.726	E	33	N	4.0	1.4	12	AFGHANISTAN-TAJIKISTAN BORD REG.
27	11	10	02.5*	6.264	S	150.324	E	33	N	4.3	0.8	15	NEW BRITAIN REGION, P.N.G.
27	11	16	39.1*	7.654	S	117.452	E	130	*	4.6	1.1	11	BALI SEA
27	11	41	11.9*	45.704	N	15.568	E	10	G		1.4	7	NORTHWESTERN BALKAN REGION. ML 2.5 (VIE), 1.9 (ZAG).
27	12	34	10.0*	31.866	S	179.953	E	336	*	4.4	1.5	47	KERMADEC ISLANDS REGION
27	12	35	46.6	46.234	N	16.584	E	10	G		1.2	16	NORTHWESTERN BALKAN REGION. ML 3.4 (VIE).
27	12	39	08.6*	31.667	S	179.004	W	33	N	4.5	0.9	15	KERMADEC ISLANDS REGION
27	13	06	24.4*	23.012	S	169.595	E	100	G	4.1	0.8	18	LOYALTY ISLANDS REGION
27	13	10	52.8&	18.650	N	66.690	W	19				9	PUERTO RICO REGION. <MPR>. MD 2.6 (MPR).
27	13	50	59.6&	41.067	N	29.188	E	10				6	TURKEY. <ISK>. MD 2.8 (ISK).
27	14	15	47.7*	52.399	N	159.927	E	33	N		0.8	8	OFF EAST COAST OF KAMCHATKA
27	14	31	35.6	45.253	N	6.640	E	10	G		1.2	16	FRANCE. ML 2.2 (GEN), 2.1 (LDG).
27	15	01	06.7&	40.866	N	29.535	E	10	G			4	TURKEY. <ISK>. MD 2.4 (ISK).
27	15	02	04.6&	39.598	N	29.634	E	10	G			4	TURKEY. <ISK>. MD 2.6 (ISK).
27	15	26	06.5	44.450	N	7.054	E	10	G		0.2	21	NORTHERN ITALY. ML 2.6 (GEN), 2.3 (LDG), 2.0 (STR).
27	15	27	16.1	5.845	S	149.704	E	33	N	5.4 5.8	1.0	145	NEW BRITAIN REGION, P.N.G. Mw 6.0 (HRV), 5.9 (GS). Me 5.3 (GS).
													Broadband Source Parameters (GS): Dep 27; NP1: Strike=75, Dip=60, Slip=80; NP2: Strike=274, Dip=31, Slip=107; Radiated energy 1.9*10**12 Nm.
													Moment Tensor (GS): Dep 34; Principal axes (scale 10**17 Nm): (T) Val=8.45, Plg=85, Azm=8; (N) Val=1.55, Plg=1, Azm=262; (P) Val=-9.99, Plg=5, Azm=172; Best double couple: Mo=9.2*10**17 Nm; NP1: Strike=260, Dip=40, Slip=88; NP2: Strike=83, Dip=50, Slip=92.
													Centroid, Moment Tensor (HRV): Centroid origin time 15:27:24.8; Lat 6.25 S; Lon 149.83 E; Dep 41.9; Half-duration 3.1 sec; Principal axes (scale 10**18 Nm): (T) Val=1.28, Plg=68, Azm=320; (N) Val=0.08, Plg=10, Azm=76; (P) Val=-1.36, Plg=19, Azm=170; Best double couple: Mo=1.3*10**18 Nm; NP1: Strike=276, Dip=27, Slip=112; NP2: Strike=71, Dip=65, Slip=79.
27	16	07	41.2	46.621	N	15.313	E	10	G		1.3	9	NORTHWESTERN BALKAN REGION. ML 2.7 (VIE).
27	16	19	06.2	44.129	N	7.141	E	10	G		0.4	13	NORTHERN ITALY. ML 2.3 (GEN), 1.7 (STR).
27	16	24	58.9	44.282	N	6.566	E	10	G		0.8	38	FRANCE. ML 2.8 (GEN), 2.6 (LDG), 2.6 (STR).
27	16	39	00.4*	32.350	S	179.889	W	250	G	4.3	1.4	24	SOUTH OF KERMADEC ISLANDS
27	16	51	13.1	44.450	N	7.080	E	10	G		0.2	23	NORTHERN ITALY. ML 2.6 (GEN), 2.3 (LDG), 2.1 (STR).
27	17	19	05.1&	60.877	N	152.891	W	151		3.3		40	SOUTHERN ALASKA. <AEIC>.
27	17	51	29.6	38.687	N	0.868	W	10	G		1.1	32	SPAIN. ML 3.4 (LDG). mbLg 3.0 (MDD). Felt (III) at Villena.
27	18	24	42.5&	42.770	N	7.180	W	0	G			4	SPAIN. <MDD>. mbLg 2.7 (MDD).
27	18	50	33.4	3.604	S	130.692	E	33	N	4.3	1.3	28	SERAM, INDONESIA
27	19	48	04.4*	32.583	S	179.792	W	300	G	4.0	1.1	21	SOUTH OF KERMADEC ISLANDS
27	19	58	03.7&	19.230	N	66.650	W	24				11	PUERTO RICO REGION. <MPR>. MD 3.7 (MPR).
27	20	41	37.9	52.239	N	159.526	E	60	D	5.5	1.0	463	OFF EAST COAST OF KAMCHATKA. Mw 6.0 (HRV), 5.9 (GS). Felt (III) at Petropavlovsk-Kamchatskiy.
													Moment Tensor (GS): Dep 20; Principal axes (scale 10**17 Nm): (T) Val=7.83, Plg=68, Azm=307; (N) Val=-0.03, Plg=8, Azm=197; (P) Val=-7.81, Plg=21, Azm=104; Best double couple: Mo=7.8*10**17 Nm; NP1: Strike=180, Dip=25, Slip=71; NP2: Strike=21, Dip=66, Slip=99.
													Centroid, Moment Tensor (HRV): Centroid origin time 20:41:40.4; Lat 52.20 N; Lon 159.97 E; Dep 37.0 Bdy; Half-duration 2.3 sec; Principal axes (scale 10**18 Nm): (T) Val=1.05, Plg=71, Azm=317; (N) Val=0.03, Plg=5, Azm=213; (P) Val=-1.08, Plg=19, Azm=121; Best double couple: Mo=1.1*10**18 Nm; NP1: Strike=203, Dip=27, Slip=79; NP2: Strike=35, Dip=64, Slip=95.
													Scalar Moment (PPT): Mo=1.5*10**18 Nm.
27	20	42	31.7*	52.348	N	159.578	E	33	N	5.3	0.8	19	OFF EAST COAST OF KAMCHATKA
27	20	50	42.7*	51.526	S	71.900	W	33	N	4.5	0.9	12	S. CHILE-ARGENTINA BORDER REGION
27	21	19	51.7&	47.300	N	2.500	W	2				7	FRANCE. <LDG>. ML 2.1 (LDG).
27	21	21	15.6*	43.537	N	126.369	W	10	G		0.6	42	OFF COAST OF OREGON
27	21	27	16.1	7.726	N	126.902	E	33	N	4.7	1.2	68	MINDANAO, PHILIPPINE ISLANDS
27	21	29	33.2	52.286	N	159.517	E	33	N	4.5	1.0	41	OFF EAST COAST OF KAMCHATKA
27	21	36	28.2	7.651	N	127.075	E	71	*	4.6	1.1	48	PHILIPPINE ISLANDS REGION
27	22	04	27.8&	38.233	N	28.756	E	9				6	TURKEY. <ISK>. MD 3.1 (ISK).
27	22	12	47.5*	52.485	N	159.513	E	33	N	4.0	0.9	11	OFF EAST COAST OF KAMCHATKA
27	22	18	24.8&	43.400	N	5.430	E	1				6	NEAR SOUTH COAST OF FRANCE. <STR>. ML 3.3 (STR). Mining induced event in the Gardanne area.
27	22	27	00.8*	51.440	N	16.292	E	10	G		1.0	6	POLAND. ML 3.2 (VIE), 2.7 (WAR).

27	23	04	00.9*	52.962	N	157.992	E	33	N	4.4		1.2	13	KAMCHATKA
27	23	09	35.4	33.558	N	132.398	E	63	*	4.1		0.9	17	SHIKOKU, JAPAN
27	23	14	26.9*	51.093	S	128.296	E	10	G	4.4		0.7	10	SOUTH OF AUSTRALIA
27	23	43	01.5	13.915	S	72.725	W	96	D	4.9		1.0	104	CENTRAL PERU. Mw 5.3 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 23:43:06.8; Lat 13.82 S; Lon 72.77 W; Dep 108.8; Half-duration 1.0 sec; Principal axes (scale 10**17 Nm): (T) Val=1.00, Plg=9, Azm=26; (N) Val=-0.01, Plg=33, Azm=290; (P) Val=-0.99, Plg=55, Azm=128; Best double couple: Mo=1.0*10**17 Nm; NP1: Strike=149, Dip=47, Slip=-41; NP2: Strike=269, Dip=62, Slip=-129.
28	00	15	44.6&	36.880	N	28.603	E	10	G				4	DODECANESE ISLANDS. <ISK>. MD 2.9 (ISK).
28	00	21	28.5*	52.603	N	158.480	E	102	*	4.5		1.1	42	NEAR EAST COAST OF KAMCHATKA
28	00	33	54.0*	16.754	S	72.380	W	93	*	4.6		1.1	23	NEAR COAST OF PERU
28	00	37	53.6*	51.551	N	16.358	E	5	G			0.8	11	POLAND. ML 3.2 (GRF), 3.1 (VIE), 2.9 (WAR).
28	00	48	30.2&	36.620	N	2.830	W	1					11	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.4 (MDD).
28	00	58	35.9	1.495	S	116.207	E	33	N	4.8		0.9	57	BORNEO. Felt (III) at Balikpapan.
28	01	10	32.5*	8.908	S	111.388	E	92	*	3.9		1.3	12	JAWA, INDONESIA
28	01	15	57.2&	38.814	N	122.813	W	4					23	NORTHERN CALIFORNIA. <GM-P>. MD 3.0 (GM). ML 3.0 (BRK).
28	01	41	34.9*	34.098	N	138.809	E	63	*			0.7	10	NEAR S. COAST OF HONSHU, JAPAN
28	02	37	56.8*	6.942	N	72.957	W	150	G	4.0		0.8	9	NORTHERN COLOMBIA
28	02	43	31.7&	33.195	S	70.351	W	96					14	CHILE-ARGENTINA BORDER REGION. <GUC>. Felt (II) at Santiago, Chile.
28	03	01	51.7	43.142	N	12.751	E	10	G			1.0	23	CENTRAL ITALY. ML 3.3 (LDG), 3.3 (VIE).
28	03	47	55.0?	4.18	S	134.25	E	33	N	3.9		0.8	7	IRIAN JAYA REGION, INDONESIA
28	04	[illegible]	53.2&	37.540	N	2.610	W	5					13	SPAIN. <MDD>. mbLg 2.4 (MDD).
28	04	53	[illegible]	38.500	S	177.629	E	33	N			0.7	10	NORTH ISLAND, NEW ZEALAND. ML 4.1 (WEL).
28	04	58	54.5	[illegible]	N	159.641	E	47		5.3	5.4	1.0	312	OFF EAST COAST OF KAMCHATKA. Mw 5.7 (HRV). Felt (IV) at Petropavlovsk-Kamchatskiy. Centroid, Moment Tensor (HRV): Centroid origin time 04:58:58.7; Lat 52.14 N; Lon 160.18 E; Dep 35.1; Half-duration 1.8 sec; Principal axes (scale 10**17 Nm): (T) Val=4.41, Plg=72, Azm=302; (N) Val=0.57, Plg=1, Azm=36; (P) Val=-4.98, Plg=18, Azm=127; Best double couple: Mo=4.7*10**17 Nm; NP1: Strike=219, Dip=27, Slip=93; NP2: Strike=36, Dip=63, Slip=88. Scalar Moment (PPT): Mo=4.8*10**17 Nm.
28	05	05	52.5*	21.300	S	176.344	W	150	G	4.7		1.0	36	FIJI ISLANDS REGION
28	05	07	13.1?	52.14	N	160.12	E	33	N	3.9		1.4	9	OFF EAST COAST OF KAMCHATKA
28	05	24	10.7	52.206	N	159.640	E	33	N	4.9		0.9	89	OFF EAST COAST OF KAMCHATKA
28	05	24	31.6&	32.908	S	70.521	W	88					10	CHILE-ARGENTINA BORDER REGION. <GUC>.
28	05	35	23.6*	9.120	S	125.760	E	100	G	4.3		1.3	15	TIMOR REGION, INDONESIA
28	05	44	27.9	52.196	N	159.674	E	33	N	4.7		0.9	49	OFF EAST COAST OF KAMCHATKA
28	05	50	21.8&	36.986	N	28.843	E	13					5	DODECANESE ISLANDS. <ISK>. MD 3.2 (ISK).
28	06	26	17.0&	45.653	N	27.508	E	10	G			1.2	7	ROMANIA
28	06	36	05.8&	32.500	S	71.831	W	11					6	NEAR COAST OF CENTRAL CHILE. <GUC>.
28	06	53	12.0?	0.93	S	135.34	E	33	N	3.8		1.2	7	IRIAN JAYA REGION, INDONESIA
28	07	04	13.1	53.137	N	166.755	W	33	N	4.8		1.2	114	FOX ISLANDS, ALEUTIAN ISLANDS. ML 5.1 (PMR), 4.8 (AEIC).
28	07	49	42.6&	43.679	N	17.448	E	8					28	NORTHWESTERN BALKAN REGION. <PDG>. ML 3.4 (PDG), 3.0 (ROM).
28	09	18	16.6&	31.226	S	68.995	W	211					11	SAN JUAN PROVINCE, ARGENTINA. <GUC>.
28	09	22	49.9?	5.28	S	153.10	E	33	N	4.1		1.0	9	NEW IRELAND REGION, P.N.G.
28	09	23	08.0&	34.472	S	70.404	W	6					8	CHILE-ARGENTINA BORDER REGION. <GUC>.
28	09	32	19.0	46.243	N	13.043	E	10	G	4.5		1.1	112	AUSTRIA. ML 4.4 (GRF), 4.1 (VIE), 4.0 (FUR), 3.8 (LDG).
28	09	36	21.8	46.190	N	13.014	E	10	G			1.2	38	AUSTRIA. ML 3.6 (GRF), 3.4 (VIE), 3.3 (LDG).
28	09	58	13.0*	15.732	N	90.980	W	33	N	4.4		1.1	25	GUATEMALA
28	10	13	55.3&	31.179	S	71.646	W	27					12	NEAR COAST OF CENTRAL CHILE. <GUC>.
28	10	14	50.2*	29.735	N	142.293	E	33	N	4.1		1.2	21	SOUTH OF HONSHU, JAPAN
28	10	16	15.2	28.902	N	64.789	E	0	G	4.8	3.3	1.1	135	SOUTHWESTERN PAKISTAN. Underground nuclear explosion.
28	10	38	47.6&	30.826	S	71.770	W	13					7	NEAR COAST OF CENTRAL CHILE. <GUC>.
28	11	04	10.7&	35.490	N	4.390	W	1					19	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.9 (MDD).
28	11	08	00.4*	10.520	S	165.198	E	33	N	4.4		0.8	8	SANTA CRUZ ISLANDS
28	11	09	13.4*	18.942	S	69.522	W	124	*	4.1		0.4	9	NORTHERN CHILE
28	11	31	58.4	58.713	S	25.041	W	33	N	5.1	4.8	1.0	107	SOUTH SANDWICH ISLANDS REGION. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 11:32:04.2; Lat 58.96 S; Lon 24.76 W; Dep 18.5; Half-duration 1.1 sec; Principal axes (scale 10**17 Nm): (T) Val=1.41, Plg=69, Azm=295; (N) Val=-0.13, Plg=7, Azm=186; (P) Val=-1.28, Plg=20, Azm=94; Best double couple: Mo=1.4*10**17 Nm; NP1: Strike=172, Dip=26, Slip=74; NP2: Strike=10, Dip=65, Slip=98.
28	11	55	33.3*	28.109	S	66.596	W	142	*	4.3		1.1	26	CATAMARCA PROVINCE, ARGENTINA
28	12	03	52.6&	44.559	N	8.679	E	10					9	NORTHERN ITALY. <GEN>. ML 2.3 (GEN).
28	12	04	46.1?	21.44	S	173.02	W	33	N	3.8		1.1	9	TONGA ISLANDS
28	12	13	44.1	46.233	N	12.951	E	10	G			0.9	28	NORTHERN ITALY. ML 3.6 (GRF), 3.2 (VIE), 3.1 (LDG).
28	12	15	13.7	51.523	N	156.137	E	172	D	4.3		0.9	48	KAMCHATKA
28	12	31	54.4	46.218	N	13.768	E	10	G			1.2	19	AUSTRIA. ML 3.3 (VIE), 2.8 (LJU). Felt (IV) at Tolmin, Slovenia.
28	13	19	00.4	52.257	N	159.780	E	33	N	4.9	4.3	0.9	133	OFF EAST COAST OF KAMCHATKA. Mw 5.2 (HRV). Felt (III) at Petropavlovsk-Kamchatskiy. Centroid, Moment Tensor (HRV): Centroid origin time 13:19:04.9; Lat 51.63 N; Lon 158.88 E; Dep 41.8; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=6.59, Plg=51, Azm=293; (N) Val=1.16, Plg=5, Azm=197; (P) Val=-7.75, Plg=38, Azm=102; Best double couple: Mo=7.2*10**16 Nm; NP1: Strike=157, Dip=8, Slip=50; NP2: Strike=17, Dip=84, Slip=95.
28	13	19	26.0&	31.358	S	69.492	W	200					12	SAN JUAN PROVINCE, ARGENTINA. <GUC>.
28	13	35	01.1?	38.96	S	176.10	E	100	G			0.5	10	NORTH ISLAND, NEW ZEALAND
28	13	39	21.5&	31.269	S	71.672	W	26					12	NEAR COAST OF CENTRAL CHILE. <GUC>.
28	13	39	24.5&	39.572	N	29.520	E	10	G				4	TURKEY. <ISK>. MD 2.7 (ISK).
28	14	02	24.7&	44.577	N	112.405	W	13					31	EASTERN IDAHO. <BUT>. ML 3.7 (BUT), 3.2 (GS). Felt in the Dell, Montana area.
28	14	27	44.6&	60.495	N	150.924	W	39					9	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.6 (AEIC), 2.6 (PMR).

28	15	43	39.8	36.989	N	69.931	E	33	N	4.6	1.2	32	HINDU KUSH REGION, AFGHANISTAN
28	15	53	38.7*	37.142	N	70.061	E	33	N	4.2	1.1	16	AFGHANISTAN-TAJIKISTAN BORD REG.
28	16	11	36.1&	38.826	N	122.802	W	4				15	NORTHERN CALIFORNIA. <GM-P>. MD 3.0 (GM).
28	16	54	12.2	53.571	N	164.706	W	33	N	4.8	1.1	85	UNIMAK ISLAND REGION. ML 4.8 (AEIC), 4.7 (PMR). Felt on Akutan.
28	17	26	15.8	22.201	N	125.835	E	33	N	4.3	1.1	28	SOUTHEAST OF TAIWAN
28	17	39	46.5?	8.13	S	127.93	E	100	G	3.6	1.5	10	TIMOR REGION, INDONESIA
28	17	42	12.4&	37.030	N	4.200	W	0	G			15	SPAIN. <MDD>. mbLg 2.5 (MDD).
28	17	50	59.7&	37.060	N	4.220	W	0	G			6	SPAIN. <MDD>. mbLg 1.8 (MDD).
28	17	57	33.9*	7.155	S	155.705	E	33	N	3.7	1.1	11	SOLOMON ISLANDS
28	18	13	55.7	4.145	S	129.543	E	10	G	4.8	1.1	58	BANDA SEA
28	18	33	28.1	31.401	N	27.667	E	10	G	5.5 5.0	1.0	394	EGYPT. Mw 5.5 (GS), 5.5 (HRV). Me 5.4 (GS). MD 5.5 (ISK). ML 5.4 (CSS). One person injured at Cairo. Felt in the Cairo area. Also felt at Elat, Israel. Broadband Source Parameters (GS): Dep 28; NP1: Strike=315, Dip=50, Slip=90; NP2: Strike=135, Dip=40, Slip=90; Radiated energy 2.5*10**12 Nm. Moment Tensor (GS): Dep 34; Principal axes (scale 10**17 Nm): (T) Val=2.02, Plg=70, Azm=165; (N) Val=0.20, Plg=19, Azm=337; (P) Val=-2.22, Plg=3, Azm=68; Best double couple: Mo=2.1*10**17 Nm; NP1: Strike=177, Dip=46, Slip=118; NP2: Strike=320, Dip=51, Slip=65. Centroid, Moment Tensor (HRV): Centroid origin time 18:33:33.4; Lat 31.39 N; Lon 27.36 E; Dep 39.0 Bdy; Half-duration 1.4 sec; Principal axes (scale 10**17 Nm): (T) Val=2.02, Plg=89, Azm=292; (N) Val=-0.07, Plg=1, Azm=154; (P) Val=-1.95, Plg=1, Azm=64; Best double couple: Mo=2.0*10**17 Nm; NP1: Strike=154, Dip=44, Slip=89; NP2: Strike=335, Dip=46, Slip=91.
28	20	16	55.4*	30.119	N	67.816	E	27	D	4.4	1.1	25	PAKISTAN
28	20	23	08.2&	38.630	N	27.593	E	10	G			7	TURKEY. <ISK>. MD 2.9 (ISK).
28	20	31	32.9&	36.810	N	121.541	W	8		3.9		52	CENTRAL CALIFORNIA. <GM-P>. Mw 4.2 (BRK). ML 4.4 (GM), 4.4 (BRK). Felt at Monterey, Salinas, San Juan Bautista and Santa Cruz. Moment Tensor (BRK): Dep 5; Principal axes (scale 10**15 Nm): (T) Val=2.49, Plg=25, Azm=269; (N) Val=0.00, Plg=63, Azm=117; (P) Val=-2.49, Plg=11, Azm=5; Best double couple: Mo=2.5*10**15 Nm; NP1: Strike=315, Dip=81, Slip=154; NP2: Strike=49, Dip=64, Slip=10.
28	20	32	46.5	26.576	N	62.230	E	47	D	4.7	1.3	77	SOUTHWESTERN PAKISTAN
28	20	43	47.7?	37.93	S	179.93	E	33	N	3.9	1.3	11	OFF E. COAST OF N. ISLAND, N.Z. ML 4.4 (WEL).
28	21	05	36.9&	37.070	N	4.220	W	1				9	SPAIN. <MDD>. mbLg 1.9 (MDD).
28	21	11	44.1	37.388	N	78.843	E	33	N	5.2 5.6	1.0	246	SOUTHERN XINJIANG, CHINA. Mw 5.6 (GS), 5.6 (HRV). Twenty-eight people injured, more than 2,000 buildings destroyed, an additional 3,000 damaged and 5,000 head of cattle killed in southwestern Xinjiang. Moment Tensor (GS): Dep 10; Principal axes (scale 10**17 Nm): (T) Val=3.13, Plg=40, Azm=198; (N) Val=0.03, Plg=15, Azm=301; (P) Val=-3.16, Plg=46, Azm=47; Best double couple: Mo=3.1*10**17 Nm; NP1: Strike=224, Dip=15, Slip=-167; NP2: Strike=122, Dip=87, Slip=-75. Centroid, Moment Tensor (HRV): Centroid origin time 21:11:44.0; Lat 37.55 N; Lon 79.06 E; Dep 29.3; Half-duration 1.6 sec; Principal axes (scale 10**17 Nm): (T) Val=2.90, Plg=53, Azm=217; (N) Val=0.35, Plg=4, Azm=122; (P) Val=-3.25, Plg=37, Azm=29; Best double couple: Mo=3.1*10**17 Nm; NP1: Strike=95, Dip=9, Slip=63; NP2: Strike=302, Dip=82, Slip=94.
28	21	16	58.5*	7.671	S	122.880	E	310	*	4.1	1.0	13	FLORES SEA
28	21	22	58.7	2.234	S	99.603	E	33	N	4.5	0.9	20	SOUTHERN SUMATERA, INDONESIA
28	21	28	41.0	37.458	N	78.740	E	33	N	5.1	1.0	150	SOUTHERN XINJIANG, CHINA
28	21	42	18.1&	42.040	N	8.080	W	9				70	SPAIN. <MDD>. ML 4.1 (LDG). mbLg 3.9 (MDD).
28	21	50	18.4&	42.150	N	8.140	W	8				5	SPAIN. <MDD>. mbLg 2.3 (MDD).
28	21	56	35.0*	14.995	S	173.312	W	10	G	4.4	1.2	10	SAMOA ISLANDS REGION
28	21	56	55.1&	38.332	S	176.228	E	5	G		0.2	6	NORTH ISLAND, NEW ZEALAND. ML 4.1 (WEL).
28	22	32	03.0&	59.736	N	152.245	W	67				17	SOUTHERN ALASKA. <AEIC>. ML 3.2 (AEIC).
28	22	36	52.7&	18.210	N	67.340	W	21				8	MONA PASSAGE. <MPR>. MD 2.7 (MPR).
28	22	38	22.8&	33.427	N	118.000	W	6				28	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
28	22	47	39.1&	63.394	N	145.619	W	6				18	CENTRAL ALASKA. <AEIC>. ML 2.8 (AEIC).
28	23	12	10.3&	42.050	N	8.140	W	5				8	SPAIN. <MDD>. mbLg 2.6 (MDD).
28	23	44	21.1	46.244	N	13.693	E	10	G		0.9	15	AUSTRIA. ML 2.9 (GRF), 2.7 (VIE), 2.3 (LJU).
29	00	52	02.5?	45.97	N	27.51	E	10	G		0.8	5	ROMANIA
29	00	54	01.9*	8.392	S	108.214	E	76	?		1.4	11	JAWA, INDONESIA
29	00	58	12.3&	42.140	N	8.110	W	0	G			6	SPAIN. <MDD>. mbLg 2.7 (MDD).
29	01	02	41.7&	59.998	N	153.234	W	116				18	SOUTHERN ALASKA. <AEIC>.
29	02	09	35.3	52.113	N	159.764	E	33	N	4.3	0.7	27	OFF EAST COAST OF KAMCHATKA
29	02	16	01.0&	42.130	N	8.120	W	0	G			6	SPAIN. <MDD>. mbLg 2.9 (MDD).
29	02	17	52.0&	33.306	S	70.993	W	61				11	CHILE-ARGENTINA BORDER REGION. <GUC>.
29	02	29	12.1*	23.760	S	179.651	E	650	G	4.4	0.5	19	SOUTH OF FIJI ISLANDS
29	02	43	40.9&	42.130	N	8.130	W	0	G			6	SPAIN. <MDD>. mbLg 2.5 (MDD).
29	02	43	52.6&	34.489	S	72.159	W	37				9	NEAR COAST OF CENTRAL CHILE. <GUC>.
29	02	49	41.2*	2.286	S	99.464	E	33	N	4.8	0.9	22	SOUTHERN SUMATERA, INDONESIA
29	02	55	23.4&	42.150	N	8.120	W	0	G			6	SPAIN. <MDD>. mbLg 2.6 (MDD).
29	02	55	57.4	2.231	S	99.477	E	33	N	4.9 4.9	1.2	54	SOUTHERN SUMATERA, INDONESIA. Mw 5.5 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 02:56:02.1; Lat 2.30 S; Lon 99.33 E; Dep 25.1; Half-duration 1.1 sec; Principal axes (scale 10**17 Nm): (T) Val=1.59, Plg=53, Azm=11; (N) Val=0.21, Plg=7, Azm=110; (P) Val=-1.80, Plg=36, Azm=205; Best double couple: Mo=1.7*10**17 Nm; NP1: Strike=329, Dip=11, Slip=130; NP2: Strike=109, Dip=82, Slip=83.
29	03	00	09.3?	2.18	S	99.51	E	33	N		1.1	10	SOUTHERN SUMATERA, INDONESIA
29	03	24	39.8	2.269	S	99.568	E	33	N	4.9 4.7	0.9	42	SOUTHERN SUMATERA, INDONESIA

29	03	50	03.7*	0.249	N	126.876	E	33	N	4.8		0.9	12	NORTHERN MOLUCCA SEA
29	03	51	28.1	3.575	S	78.908	W	102	D	4.7		0.7	85	PERU-ECUADOR BORDER REGION
29	04	12	58.9&	37.940	N	1.140	W	4					13	SPAIN. <MDD>. mbLg 2.8 (MDD). Felt (III) at Alcantarilla and Murcia.
29	04	47	54.0	2.191	S	99.633	E	33	N	5.3	5.1	1.0	148	SOUTHERN SUMATERA, INDONESIA. Mw 5.5 (HRV), 5.3 (GS). Moment Tensor (GS): Dep 22; Principal axes (scale 10**17 Nm): (T) Val=1.13, Plg=73, Azm=32; (N) Val=0.02, Plg=9, Azm=268; (P) Val=-1.15, Plg=14, Azm=176; Best double couple: Mo=1.1*10**17 Nm; NP1: Strike=253, Dip=32, Slip=72; NP2: Strike=94, Dip=59, Slip=101. Centroid, Moment Tensor (HRV): Centroid origin time 04:47:57.3; Lat 2.42 S Fix; Lon 99.16 E Fix; Dep 16.0 Bdy; Half-duration 1.1 sec; Principal axes (scale 10**17 Nm): (T) Val=1.71, Plg=55, Azm=26; (N) Val=0.05, Plg=2, Azm=119; (P) Val=-1.76, Plg=35, Azm=210; Best double couple: Mo=1.7*10**17 Nm; NP1: Strike=308, Dip=10, Slip=100; NP2: Strike=118, Dip=80, Slip=88.
29	06	39	21.0&	47.410	N	9.620	E	2					11	GERMANY. <FBB>. ML 2.1 (VIE), 2.0 (FBB).
29	06	48	10.2*	12.204	N	124.521	E	10	G	4.6		1.0	17	SAMAR, PHILIPPINE ISLANDS
29	06	48	20.8	24.048	S	68.813	W	94	D	4.3		0.9	28	CHILE-ARGENTINA BORDER REGION
29	06	53	18.5*	4.585	S	145.222	E	33	N	4.2		0.7	14	NEAR N COAST OF NEW GUINEA, PNG.
29	07	07	01.5	46.231	N	13.670	E	10	G			0.4	8	AUSTRIA. ML 2.3 (VIE), 1.9 (LJU).
29	07	17	31.7	6.657	S	127.530	E	413		4.5		1.0	39	BANDA SEA
29	07	18	14.1&	39.514	N	29.495	E	10	G				4	TURKEY. <ISK>. MD 2.6 (ISK).
29	07	20	08.2&	42.120	N	8.100	W	15					28	SPAIN. <MDD>. mbLg 3.4 (MDD). Felt (III) at Bande, Cortegada and Lovios.
29	07	51	49.5&	33.678	S	71.083	W	64					10	NEAR COAST OF CENTRAL CHILE. <GUC>.
29	07	57	42.2	13.156	S	166.899	E	100	G	4.7		1.0	63	VANUATU ISLANDS
29	08	48	56.0&	39.655	N	29.400	E	10	G				5	TURKEY. <ISK>. MD 2.7 (ISK).
29	08	53	49.2?	42.53	N	82.16	E	33	N	3.7		1.2	7	NORTHERN XINJIANG, CHINA
29	08	58	59.5&	39.177	N	28.284	E	10					6	TURKEY. <ISK>. MD 2.7 (ISK).
29	10	03	29.9?	18.68	S	177.79	W	550	G	4.2		0.9	16	FIJI ISLANDS REGION
29	11	02	22.2&	39.647	N	29.397	E	8					5	TURKEY. <ISK>. MD 2.6 (ISK).
29	11	23	51.4	17.746	S	65.273	W	33	N	5.1	5.1	1.3	96	CENTRAL BOLIVIA. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 11:23:54.5; Lat 17.64 S; Lon 65.34 W; Dep 35.2; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=1.50, Plg=8, Azm=308; (N) Val=0.11, Plg=81, Azm=162; (P) Val=-1.61, Plg=5, Azm=39; Best double couple: Mo=1.6*10**17 Nm; NP1: Strike=84, Dip=81, Slip=2; NP2: Strike=353, Dip=88, Slip=171.
29	11	29	21.4*	42.820	N	24.001	E	10	G			0.9	5	BULGARIA
29	12	07	31.3	51.414	N	173.456	E	33	N	4.1		0.8	29	NEAR ISLANDS, ALEUTIAN ISLANDS
29	12	07	55.3*	3.455	N	127.363	E	33	N	4.5		1.1	22	TALAUD ISLANDS, INDONESIA
29	12	12	36.9&	39.652	N	29.347	E	10	G				5	TURKEY. <ISK>. MD 2.7 (ISK).
29	13	41	53.0&	40.342	N	29.135	E	10	G				8	TURKEY. <ISK>. MD 2.9 (ISK).
29	13	46	39.8&	53.631	N	165.747	W	13					10	FOX ISLANDS, ALEUTIAN ISLANDS. <AEIC>. ML 3.3 (AEIC).
29	13	49	05.6&	40.438	N	28.941	E	5					4	TURKEY. <ISK>. MD 2.4 (ISK).
29	13	54	18.1*	51.391	N	176.296	W	33	N	4.1		1.1	11	ANDREANOF ISLANDS, ALEUTIAN IS.
29	13	57	23.2&	31.880	N	116.311	W	6	G				23	BAJA CALIFORNIA, MEXICO. <PAS-P>. ML 3.7 (PAS).
29	14	04	01.9	6.077	S	147.016	E	33	N	4.5		1.1	30	EASTERN NEW GUINEA REG., P.N.G.
29	14	42	23.3*	10.477	N	126.427	E	33	N	4.6		0.9	13	PHILIPPINE ISLANDS REGION
29	14	42	58.3*	26.141	N	108.885	W	10	G	3.4		1.3	9	NORTHERN MEXICO
29	14	43	14.9&	39.048	N	28.034	E	10	G				5	TURKEY. <ISK>. MD 2.8 (ISK).
29	14	43	17.1*	19.347	N	108.981	W	10	G	4.2		0.9	25	REVILLA GIGEDO ISLANDS REGION
29	14	43	31.2?	17.74	S	178.41	W	600	G	4.4		1.1	15	FIJI ISLANDS REGION
29	15	15	21.5&	42.150	N	8.130	W	0	G				6	SPAIN. <MDD>. mbLg 2.7 (MDD).
29	15	22	34.8&	19.660	N	66.950	W	10					10	PUERTO RICO REGION. <MPR>. MD 3.6 (MPR).
29	15	25	57.8&	59.977	N	151.592	W	65					35	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.4 (AEIC), 3.4 (PMR).
29	16	18	26.5&	33.161	S	70.220	W	7					9	CHILE-ARGENTINA BORDER REGION. <GUC>.
29	16	27	32.0	3.676	S	142.634	E	33	N	4.8	4.0	1.3	52	NEAR N COAST OF NEW GUINEA, PNG.
29	17	36	03.5*	28.870	N	130.743	E	33	N	4.0		1.2	15	RYUKYU ISLANDS
29	17	40	48.4	19.881	N	121.239	E	33	N	4.7	4.1	1.2	48	PHILIPPINE ISLANDS REGION
29	18	31	07.4	9.363	N	126.226	E	33	N	4.6		1.2	39	MINDANAO, PHILIPPINE ISLANDS
29	18	38	31.6?	24.32	S	179.92	W	500	G	4.1		1.0	21	SOUTH OF FIJI ISLANDS
29	19	11	06.3*	34.265	N	72.863	E	33	N	4.3		1.3	15	PAKISTAN
29	19	14	56.7&	33.834	S	71.101	W	62					12	NEAR COAST OF CENTRAL CHILE. <GUC>.
29	19	17	20.6*	40.424	N	142.827	E	33	N			1.1	8	NEAR EAST COAST OF HONSHU, JAPAN
29	20	42	46.3	7.988	S	117.556	E	236		4.8		1.1	51	BALI SEA
29	20	46	29.7&	42.130	N	8.110	W	6					7	SPAIN. <MDD>. mbLg 2.6 (MDD).
29	20	59	41.7*	51.108	N	15.765	E	5	G			1.4	7	POLAND. ML 2.8 (VIE), 2.4 (WAR).
29	21	25	27.1*	20.513	S	176.553	W	200	G	4.2		0.7	16	FIJI ISLANDS REGION
29	21	41	17.5&	34.173	S	71.071	W	66					11	NEAR COAST OF CENTRAL CHILE. <GUC>.
29	21	51	01.4?	6.52	S	129.73	E	33	N	4.1		1.1	8	BANDA SEA
29	21	51	07.4&	18.936	S	119.459	E	33	N	4.2		0.9	5	NORTHWEST OF AUSTRALIA
29	21	54	55.6&	48.300	N	3.000	W	2					4	FRANCE. <LDG>. ML 1.6 (LDG).
29	22	49	34.1	41.173	N	75.655	E	19	D	5.6	5.0	0.9	358	KYRGYZSTAN. Mw 5.3 (HRV), 5.2 (GS). Felt (VI) at At-Bashy, (V) at Naryn and (II) at Bishkek. Moment Tensor (GS): Dep 17; Principal axes (scale 10**16 Nm): (T) Val=8.01, Plg=83, Azm=103; (N) Val=-0.25, Plg=7, Azm=260; (P) Val=-7.76, Plg=3, Azm=350; Best double couple: Mo=7.9*10**16 Nm; NP1: Strike=87, Dip=43, Slip=100; NP2: Strike=254, Dip=48, Slip=81. Centroid, Moment Tensor (HRV): Centroid origin time 22:49:40.0; Lat 41.35 N; Lon 75.67 E; Dep 31.5; Half-duration 1.0 sec; Principal axes (scale 10**17 Nm): (T) Val=1.13, Plg=70, Azm=60; (N) Val=-0.25, Plg=19, Azm=260; (P) Val=-0.88, Plg=6, Azm=168; Best double couple: Mo=1.0*10**17 Nm; NP1: Strike=238, Dip=42, Slip=62; NP2: Strike=94, Dip=54, Slip=113.
29	22	50	39.2	46.276	N	13.660	E	10	G			1.3	21	AUSTRIA. ML 3.1 (GRF), 3.0 (FUR), 2.9 (VIE), 2.5 (LJU).
29	23	34	20.2&	34.859	S	71.064	W	94					8	NEAR COAST OF CENTRAL CHILE. <GUC>.
29	23	56	27.8	46.265	N	13.686	E	10	G			1.3	18	AUSTRIA. ML 2.6 (VIE), 2.2 (LJU).

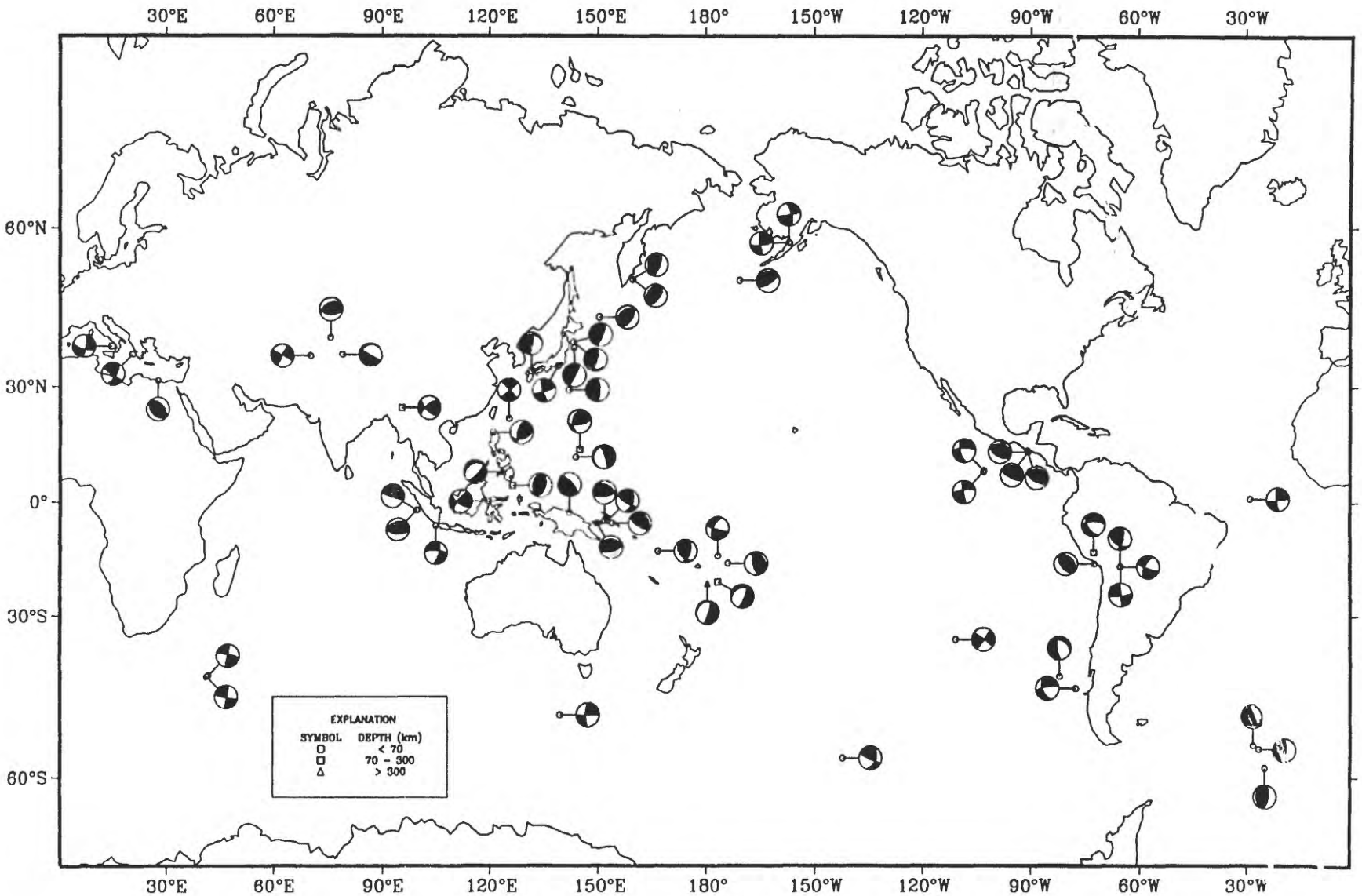
30	00	16	52.8&	32.432	S	70.224	W	118				10	CHILE-ARGENTINA BORDER REGION. <GUC>.
30	00	32	00.6&	54.462	N	162.105	W	34				11	ALASKA PENINSULA. <AEIC>. ML 2.5 (AEIC).
30	00	39	10.9*	2.382	N	84.586	W	33	N	4.4	1.1	19	OFF COAST OF CENTRAL AMERICA
30	01	07	24.8?	7.06	S	155.86	E	33	N	4.0	1.3	6	SOLOMON ISLANDS
30	01	26	29.0&	31.075	S	71.684	W	27				13	NEAR COAST OF CENTRAL CHILE. <GUC>.
30	01	27	18.8&	42.090	N	8.120	W	15				6	SPAIN. <MDD>. mbLg 2.6 (MDD).
30	01	58	23.9	36.425	N	70.985	E	200	G	4.1	0.8	42	HINDU KUSH REGION, AFGHANISTAN
30	02	15	55.6?	17.18	S	65.01	W	33	N		1.6	5	CENTRAL BOLIVIA
30	02	29	47.5&	37.210	N	3.680	W	0	G			14	SPAIN. <MDD>. mbLg 2.2 (MDD).
30	02	35	44.3&	42.140	N	8.120	W	0	G			6	SPAIN. <MDD>. mbLg 2.3 (MDD).
30	03	05	43.9&	42.080	N	8.100	W	5				5	SPAIN. <MDD>. mbLg 2.0 (MDD).
30	03	51	19.1	53.908	N	160.781	E	59	*	4.7	0.8	90	NEAR EAST COAST OF KAMCHATKA
30	04	27	00.0&	42.060	N	8.120	W	8				6	SPAIN. <MDD>. mbLg 2.3 (MDD).
30	04	37	50.7&	30.786	S	71.330	W	14				11	NEAR COAST OF CENTRAL CHILE. <GUC>.
30	04	42	48.2&	36.807	N	121.533	W	7				19	CENTRAL CALIFORNIA. <GM-P>. MD 2.8 (GM). ML 2.9 (BRK).
30	05	21	11.5?	5.35	S	102.22	E	33	N	3.5	1.1	6	SOUTHERN SUMATERA, INDONESIA
30	05	59	42.9&	41.690	N	7.090	W	6				15	PORTUGAL. <MDD>. mbLg 2.9 (MDD). ML 2.8 (LDG).
30	06	00	45.0&	41.730	N	7.230	W	0	G			13	PORTUGAL. <MDD>. mbLg 4.0 (MDD).
30	06	12	18.7&	18.780	N	65.450	W	12				4	PUERTO RICO REGION. <MPR>. MD 2.8 (MPR).
30	06	22	28.9	37.106	N	70.110	E	33	N	5.9 6.9	1.0	465	AFGHANISTAN-TAJIKISTAN BORD REG. Mw 6.6 (GS), 6.6 (HRV), 6.3 (OBN). Me 7.0 (GS). At least 4,000 people killed, many thousands injured and homeless in Badakhshan and Takhar Provinces, Afghanistan. Felt strongly at Mazar-e Sharif, Afghanistan. Felt at Kabul, Afghanistan. Felt (III) at Andijon and Samarqand; (II) at Toshkent, Uzbekistan. Also felt at Islamabad, Peshawar and Rawalpindi, Pakistan and Dushanbe, Tajikistan. Broadband Source Parameters (GS): NP1: Strike=208, Dip=88, Slip=-2; NP2: Strike=298, Dip=88, Slip=-178; Radiated energy 7.8*10**14 Nm. Moment Tensor (GS): Dep 35; Principal axes (scale 10**18 Nm): (T) Val=7.17, Plg=8, Azm=71; (N) Val=1.06, Plg=76, Azm=194; (P) Val=-8.23, Plg=12, Azm=340; Best double couple: Mo=7.7*10**18 Nm; NP1: Strike=116, Dip=76, Slip=-177; NP2: Strike=25, Dip=87, Slip=-14. Centroid, Moment Tensor (HRV): Centroid origin time 06:22:36.9; Lat 37.38 N; Lon 70.08 E; Dep 24.1; Half-duration 5.0 sec; Principal axes (scale 10**18 Nm): (T) Val=7.37, Plg=3, Azm=65; (N) Val=1.04, Plg=76, Azm=323; (P) Val=-8.41, Plg=13, Azm=156; Best double couple: Mo=7.9*10**18 Nm; NP1: Strike=200, Dip=79, Slip=-7; NP2: Strike=291, Dip=83, Slip=-169. Moment Tensor (OBN); Principal axes: (T) Plg=16, Azm=62; (N) Plg=64, Azm=297; (P) Plg=20, Azm=158; Best double couple: Mo=2.9*10**18 Nm; NP1: Strike=199, Dip=64, Slip=-3; NP2: Strike=291, Dip=87, Slip=-154.
30	06	22	37.6	24.297	N	122.190	E	54	*	4.9	1.1	45	TAIWAN REGION. Felt (IV JMA) in southeastern I-lan. Felt in many parts of northern and central Taiwan.
30	06	28	51.2*	35.532	N	141.470	E	33	N	4.4	0.7	9	NEAR EAST COAST OF HONSHU, JAPAN
30	06	33	11.3	37.126	N	70.137	E	33	N	5.0	1.0	68	AFGHANISTAN-TAJIKISTAN BORD REG.
30	06	35	42.7*	37.088	N	70.269	E	33	N	4.7	1.0	22	AFGHANISTAN-TAJIKISTAN BORD REG.
30	06	41	25.5*	37.548	N	69.869	E	33	N	4.0	1.2	13	AFGHANISTAN-TAJIKISTAN BORD REG.
30	06	51	25.4*	37.303	N	69.953	E	33	N	3.6	1.1	9	AFGHANISTAN-TAJIKISTAN BORD REG.
30	06	52	20.6	37.211	N	70.285	E	33	N	4.5	1.4	35	AFGHANISTAN-TAJIKISTAN BORD REG.
30	06	54	54.9	28.493	N	63.731	E	0	G	4.6	1.0	92	SOUTHWESTERN PAKISTAN. Underground nuclear explosion.
30	07	02	31.8*	37.183	N	70.200	E	33	N	3.9	1.2	14	AFGHANISTAN-TAJIKISTAN BORD REG.
30	07	09	36.1*	37.137	N	70.333	E	33	N	3.7	1.3	15	AFGHANISTAN-TAJIKISTAN BORD REG.
30	07	10	57.8&	15.299	N	95.011	W	15				6	NEAR COAST OF OAXACA, MEXICO. <UNM>. MD 4.3 (UNM).
30	07	13	01.1?	37.18	N	70.39	E	33	N		1.1	7	AFGHANISTAN-TAJIKISTAN BORD REG.
30	07	18	51.4?	37.47	N	69.97	E	33	N	3.6	1.3	10	AFGHANISTAN-TAJIKISTAN BORD REG.
30	07	36	27.6*	37.113	N	70.063	E	33	N	4.2	1.3	20	AFGHANISTAN-TAJIKISTAN BORD REG.
30	07	41	58.7	18.437	N	145.671	E	183	*	4.8	1.0	85	MARIANA ISLANDS
30	07	42	27.7*	37.086	N	70.161	E	33	N	4.5	1.3	21	AFGHANISTAN-TAJIKISTAN BORD REG.
30	07	57	17.2*	16.970	S	64.995	W	33	N		1.1	11	CENTRAL BOLIVIA
30	07	57	54.3&	18.690	N	66.630	W	66				6	PUERTO RICO REGION. <MPR>. MD 2.5 (MPR).
30	08	16	09.4?	37.09	N	70.46	E	33	N	3.7	1.0	7	AFGHANISTAN-TAJIKISTAN BORD REG.
30	08	22	07.6?	23.24	S	174.73	W	33	N	4.4	1.1	9	TONGA ISLANDS REGION
30	08	59	29.7&	15.050	N	60.756	W	76				7	LEEWARD ISLANDS. <FDF>. MG 2.6 (FDF).
30	09	06	08.1&	40.428	N	125.108	W	13				16	OFF COAST OF NORTHERN CALIFORNIA. <BRK>. ML 3.4 (BRK), 3.4 (GS).
30	09	12	29.5*	20.965	S	67.261	W	189	*		1.0	14	SOUTHERN BOLIVIA
30	09	25	52.9*	37.134	N	70.109	E	33	N	3.8	1.0	11	AFGHANISTAN-TAJIKISTAN BORD REG.
30	09	33	46.1*	37.189	N	70.310	E	33	N		1.2	7	AFGHANISTAN-TAJIKISTAN BORD REG.
30	09	41	10.9*	25.714	N	124.971	E	33	N	4.5	1.4	10	NORTHEAST OF TAIWAN
30	09	42	27.8	37.035	N	70.016	E	33	N	4.8	0.9	81	AFGHANISTAN-TAJIKISTAN BORD REG.
30	09	59	57.6*	37.115	N	70.114	E	33	N	3.7	1.3	13	AFGHANISTAN-TAJIKISTAN BORD REG.
30	10	05	37.0?	53.21	N	160.20	E	33	N	4.2	1.3	5	NEAR EAST COAST OF KAMCHATKA
30	10	37	48.9*	37.286	N	70.042	E	33	N	4.1	1.2	17	AFGHANISTAN-TAJIKISTAN BORD REG.
30	10	47	13.3?	32.13	S	111.11	W	10	G		1.0	10	SOUTHERN EAST PACIFIC RISE
30	10	59	23.7&	44.428	N	7.112	E	4				15	NORTHERN ITALY. <GEN>. ML 2.0 (GEN), 1.6 (LDG).
30	11	31	52.7	33.697	S	66.019	W	42		4.7	0.8	57	SAN LUIS PROVINCE, ARGENTINA
30	11	32	44.2&	17.990	N	66.550	W	16				11	PUERTO RICO REGION. <MPR>. MD 2.5 (MPR).
30	12	04	05.7?	4.07	S	103.47	E	33	N		1.6	6	SOUTHERN SUMATERA, INDONESIA
30	12	19	13.2*	38.085	S	176.231	E	205			1.0	22	NORTH ISLAND, NEW ZEALAND
30	12	19	27.5&	59.649	N	139.013	W	0				5	SOUTHEASTERN ALASKA. <AEIC>. ML 3.3 (PGC).
30	12	24	50.3&	36.803	N	121.525	W	7				11	CENTRAL CALIFORNIA. <GM-P>. MD 2.8 (GM).
30	13	03	58.4*	37.215	N	70.028	E	33	N	3.8	1.1	17	AFGHANISTAN-TAJIKISTAN BORD REG.
30	13	06	42.2&	35.890	N	1.620	W	0	G			16	NORTHERN ALGERIA. <MDD>. mbLg 2.4 (MDD).
30	13	27	04.4&	37.510	N	6.640	W	0	G			5	SPAIN. <MDD>. mbLg 2.1 (MDD).
30	13	34	13.6*	37.219	N	70.003	E	33	N	3.8	1.3	13	AFGHANISTAN-TAJIKISTAN BORD REG.
30	14	05	48.3?	5.48	S	152.02	E	33	N	4.4	1.3	13	NEW BRITAIN REGION, P.N.G.
30	15	13	19.5&	14.803	N	60.587	W	48				5	WINDWARD ISLANDS. <FDF>. MG 2.9 (FDF).
30	15	27	45.5&	42.110	N	8.110	W	0	G			4	SPAIN. <MDD>. mbLg 2.6 (MDD).

30	15	35	45.3&	39.094	N	26.601	E	10	G				4	TURKEY. <ISK>. MD 3.2 (ISK).
30	16	03	41.9&	60.270	N	152.099	W	75		4.4			75	SOUTHERN ALASKA. <AEIC>. Felt (III) at Homer.
30	16	19	12.5	3.993	S	130.540	E	33	N	3.8		1.3	5	SERAM, INDONESIA
30	16	45	09.8&	41.420	N	28.235	E	8					9	TURKEY. <ISK>. MD 2.8 (ISK).
30	16	49	21.1*	2.885	S	139.077	E	33	N	3.8		1.3	9	NEAR NORTH COAST OF IRIAN JAYA
30	16	59	29.4&	42.743	N	18.502	E	14					13	NORTHWESTERN BALKAN REGION. <PDG>. MD 3.0 (PDG).
30	17	16	39.9&	34.322	S	70.609	W	114					11	CHILE-ARGENTINA BORDER REGION. <GUC>.
30	17	24	30.7?	27.22	S	66.70	E	10	G	3.7		0.7	9	SOUTH INDIAN OCEAN
30	17	47	00.8*	37.545	N	70.150	E	33	N	3.9		1.2	11	AFGHANISTAN-TAJIKISTAN BORD REG.
30	17	59	09.2*	37.280	N	69.964	E	33	N	3.9		1.2	13	AFGHANISTAN-TAJIKISTAN BORD REG.
30	17	59	41.6?	5.32	S	102.53	E	50	D	3.8		1.3	13	SOUTHERN SUMATERA, INDONESIA
30	18	18	15.6	39.027	N	143.441	E	33	N	5.7	5.7	0.8	426	OFF EAST COAST OF HONSHU, JAPAN. Mw 6.2 (HRV), 6.1 (GS). Me 5.8 (GS). Broadband Source Parameters (GS): Dep 23; NP1: Strike=28, Dip=86, Slip=90; NP2: Strike=208, Dip=4, Slip=90; Radiated energy 1.3*10**13 Nm. Moment Tensor (GS): Dep 24; Principal axes (scale 10**18 Nm): (T) Val=1.63, Plg=48, Azm=310; (N) Val=-0.02, Plg=23, Azm=192; (P) Val=-1.60, Plg=33, Azm=87; Best double couple: Mo=1.6*10**18 Nm; NP1: Strike=125, Dip=24, Slip=21; NP2: Strike=16, Dip=81, Slip=113. Centroid, Moment Tensor (HRV): Centroid origin time 18:18:20.1; Lat 39.11 N; Lon 143.60 E; Dep 15.0 Bdy; Half-duration 2.9 sec; Principal axes (scale 10**18 Nm): (T) Val=1.85, Plg=58, Azm=284; (N) Val=0.11, Plg=2, Azm=17; (P) Val=-1.96, Plg=32, Azm=108; Best double couple: Mo=1.9*10**18 Nm; NP1: Strike=204, Dip=13, Slip=98; NP2: Strike=17, Dip=77, Slip=88.
30	18	27	01.6*	37.138	N	70.091	E	33	N	4.3		0.9	18	AFGHANISTAN-TAJIKISTAN BORD REG.
30	18	43	30.9*	33.252	N	138.495	E	288	*	3.2		0.9	12	SOUTH OF HONSHU, JAPAN
30	18	57	54.0&	29.928	N	131.429	E	33	N			0.8	7	SOUTHEAST OF RYUKYU ISLANDS
30	19	20	31.9&	37.171	N	70.188	E	33	N			0.7	10	AFGHANISTAN-TAJIKISTAN BORD REG.
30	19	29	18.7	46.231	N	13.668	E	10	G			1.4	11	AUSTRIA. ML 2.5 (VIE), 1.9 (LJU).
30	19	30	26.5?	9.02	S	108.55	W	10	G	4.2		1.2	12	CENTRAL EAST PACIFIC RISE
30	19	32	53.3*	1.181	N	123.878	E	250	G	4.3		0.7	17	MINAHASSA PENINSULA, SULAWESI
30	19	33	11.4&	40.386	N	28.647	E	10	G				6	TURKEY. <ISK>. MD 2.6 (ISK).
30	19	52	17.9?	17.80	S	65.47	W	73	?	4.2		1.5	9	CENTRAL BOLIVIA
30	20	09	00.7?	4.73	S	101.89	W	10	G	4.4		0.9	8	CENTRAL EAST PACIFIC RISE
30	20	29	15.3*	39.566	N	143.895	E	33	N			0.9	8	OFF EAST COAST OF HONSHU, JAPAN
30	20	41	38.9*	37.775	N	70.012	E	33	N	4.0		1.0	18	AFGHANISTAN-TAJIKISTAN BORD REG.
30	20	49	04.1&	34.056	S	70.366	W	9					7	CHILE-ARGENTINA BORDER REGION. <GUC>.
30	20	57	35.6?	3.26	S	139.96	E	33	N	4.2		0.6	7	IRIAN JAYA, INDONESIA
30	21	08	03.0*	32.276	N	139.367	E	186	?	3.9		0.3	8	SOUTH OF HONSHU, JAPAN
30	21	14	20.5?	37.20	N	69.66	E	33	N	3.7		1.4	12	AFGHANISTAN-TAJIKISTAN BORD REG.
30	21	43	23.4*	39.265	N	143.281	E	33	N	4.2		1.3	29	OFF EAST COAST OF HONSHU, JAPAN
30	21	52	53.2*	29.521	N	128.375	E	33	N			0.8	8	NORTHWEST OF RYUKYU ISLANDS
30	22	02	24.1?	23.20	S	179.67	W	500	G	3.9		1.1	19	SOUTH OF FIJI ISLANDS
30	22	17	10.7*	37.778	N	70.163	E	33	N	4.0		1.0	15	AFGHANISTAN-TAJIKISTAN BORD REG.
30	22	18	03.6&	44.806	N	7.215	E	14					16	NORTHERN ITALY. <GEN>. ML 2.1 (GEN), 1.6 (LDG).
30	23	04	39.1?	39.35	N	143.25	E	33	N			1.3	7	OFF EAST COAST OF HONSHU, JAPAN
30	23	04	43.6*	9.761	S	122.949	E	33	N	3.9		1.3	9	SAVU SEA
30	23	05	56.2?	38.63	N	69.64	E	33	N	3.5		1.2	7	TAJIKISTAN
30	23	15	45.9&	42.140	N	8.140	W	0	G				6	SPAIN. <MDD>. mbLg 2.5 (MDD).
30	23	19	41.9?	13.99	N	92.45	W	33	N	4.2		1.1	13	OFF COAST OF CHIAPAS, MEXICO
30	23	35	51.4?	37.09	N	70.11	E	33	N	3.8		1.5	10	AFGHANISTAN-TAJIKISTAN BORD REG.
30	23	42	34.1	37.119	N	70.085	E	33	N	4.2		1.0	24	AFGHANISTAN-TAJIKISTAN BORD REG.
30	23	55	21.4&	40.637	N	29.146	E	5					5	TURKEY. <ISK>. MD 2.7 (ISK).
31	00	01	10.0&	42.050	N	8.110	W	7					4	SPAIN. <MDD>. mbLg 2.1 (MDD).
31	00	29	30.6*	22.391	S	67.659	W	165	*	3.9		0.9	16	CHILE-BOLIVIA BORDER REGION
31	00	39	35.1*	1.140	S	80.776	W	100	G	3.9		1.3	16	NEAR COAST OF ECUADOR
31	00	42	05.9?	4.43	S	153.12	E	33	N	4.4		1.2	7	NEW IRELAND REGION, P.N.G.
31	01	08	42.8*	7.468	S	119.371	E	296	*	4.0		1.1	13	FLORES SEA
31	01	11	41.1&	34.204	S	70.024	W	6					6	CHILE-ARGENTINA BORDER REGION. <GUC>.
31	01	43	39.2	21.338	N	45.762	W	10	G	4.7	4.7	1.1	86	NORTHERN MID-ATLANTIC RIDGE. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 01:43:46.2; Lat 21.42 N; Lon 45.33 W; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=8.87, Plg=22, Azm=272; (N) Val=-1.52, Plg=1, Azm=2; (P) Val=-7.35, Plg=68, Azm=94; Best double couple: Mo=8.1*10**16 Nm; NP1: Strike=0, Dip=23, Slip=-92; NP2: Strike=182, Dip=67, Slip=-89.
31	01	46	06.8	18.948	S	169.311	E	260		5.2		0.9	241	VANUATU ISLANDS
31	02	21	45.5?	37.14	N	70.17	E	33	N	3.9		1.2	11	AFGHANISTAN-TAJIKISTAN BORD REG.
31	03	04	06.6	22.523	N	125.436	E	33	N	4.3		1.1	24	SOUTHEAST OF TAIWAN
31	03	12	27.7*	33.193	S	179.184	E	350	G	4.3		0.6	15	SOUTH OF KERMADEC ISLANDS
31	03	14	24.3	39.317	N	143.182	E	33	N	4.8		1.1	54	OFF EAST COAST OF HONSHU, JAPAN
31	03	28	55.0*	30.361	N	138.554	E	452	*			0.6	16	SOUTH OF HONSHU, JAPAN
31	03	32	55.8	13.099	N	143.780	E	138		4.8		0.8	83	SOUTH OF MARIANA ISLANDS
31	05	25	20.5?	37.83	N	69.97	E	33	N	3.9		1.4	11	AFGHANISTAN-TAJIKISTAN BORD REG.
31	05	31	46.7&	18.200	N	66.880	W	15					7	PUERTO RICO REGION. <MPR>. MD 2.2 (MPR).
31	05	52	07.7&	41.498	N	19.520	E	12					10	ALBANIA. <PDG>. ML 3.0 (PDG).
31	05	55	55.2*	24.980	N	128.178	E	33	N	3.6		1.0	11	SOUTHEAST OF RYUKYU ISLANDS
31	07	05	44.2&	40.621	N	35.835	E	5					4	TURKEY. <ISK>. MD 3.7 (ISK).
31	07	09	15.5&	33.526	S	71.362	W	48					10	NEAR COAST OF CENTRAL CHILE. <GUC>.
31	07	34	42.2&	33.389	S	70.685	W	77					11	CHILE-ARGENTINA BORDER REGION. <GUC>.
31	08	55	52.4&	18.260	N	68.070	W	110					10	MONA PASSAGE. <MPR>. MD 3.2 (MPR).
31	09	02	44.0*	6.074	S	125.770	E	545	*	4.5		0.6	12	BANDA SEA
31	09	04	24.8&	60.047	N	153.186	W	124					40	SOUTHERN ALASKA. <AEIC>.
31	09	09	14.5&	33.875	S	71.323	W	52					11	NEAR COAST OF CENTRAL CHILE. <GUC>.
31	09	32	43.4&	38.779	N	122.723	W	3					8	NORTHERN CALIFORNIA. <GM-P>. MD 2.8 (GM).
31	09	57	10.7&	51.200	N	6.000	E	2					5	GERMANY. <LDG>. ML 2.5 (LDG).
31	10	12	53.2&	40.547	N	27.162	E	13					4	TURKEY. <ISK>. MD 2.6 (ISK).
31	10	14	14.2*	37.276	N	70.074	E	33	N	3.8		1.1	11	AFGHANISTAN-TAJIKISTAN BORD REG.

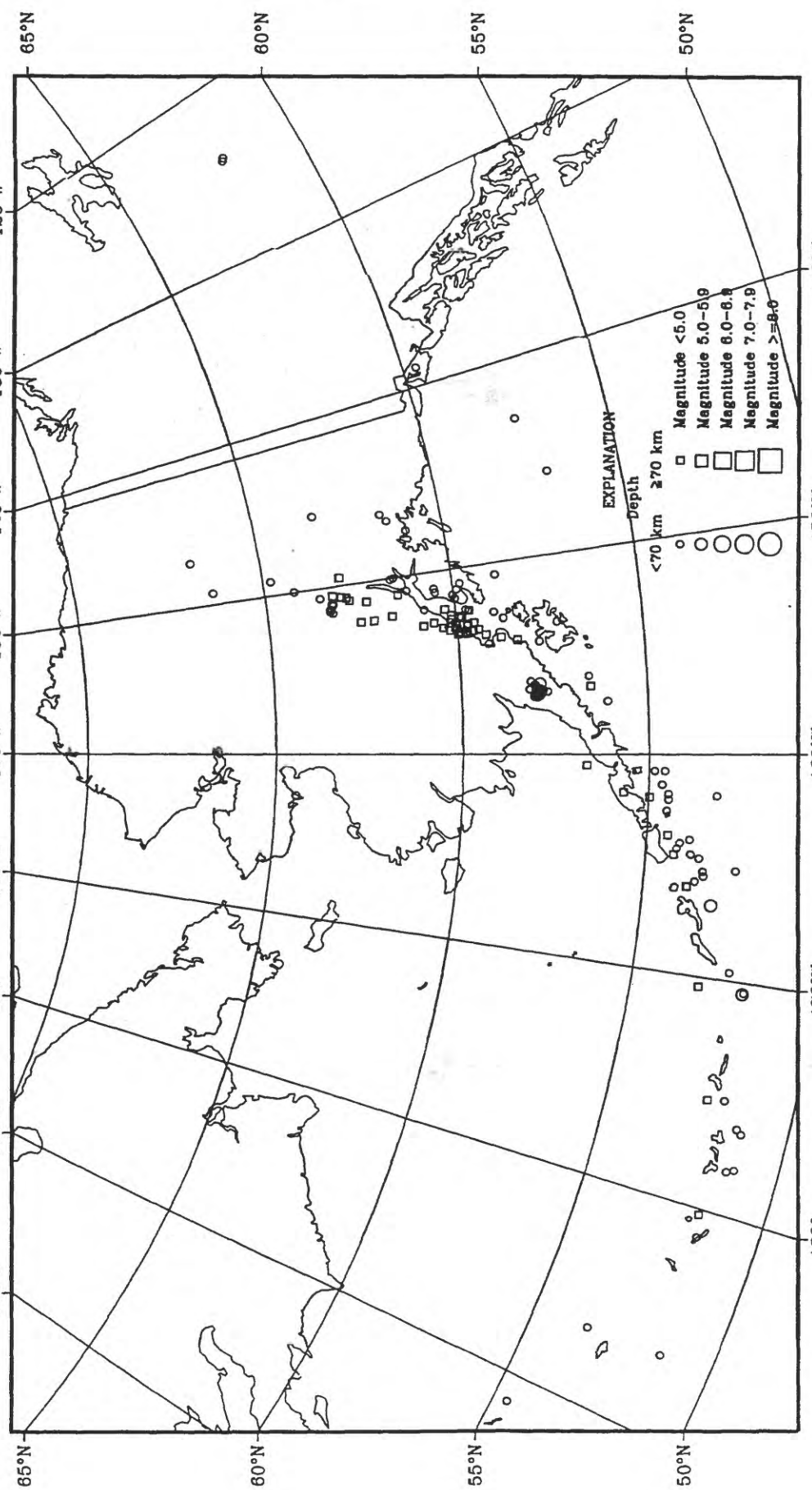
31	10	32	37.1*	64.925	N	16.452	W	10	G	3.8	1.2	9	ICELAND
31	11	02	25.0&	48.710	N	128.650	W	10	G	3.5		7	VANCOUVER ISLAND REGION. <PGC-P>. ML 3.7 (PGC).
31	11	04	22.2*	37.178	N	70.033	E	33	N	4.1	1.1	20	AFGHANISTAN-TAJIKISTAN BORD REG.
31	12	35	08.1?	19.19	S	177.92	W	500	G	4.0	0.7	11	FIJI ISLANDS REGION
31	12	54	51.8*	37.122	N	70.152	E	33	N	4.4	1.0	16	AFGHANISTAN-TAJIKISTAN BORD REG.
31	12	55	52.5&	51.190	N	4.710	W	15				19	UNITED KINGDOM. <BGS>. ML 2.8 (LDG), 2.6 (BGS).
31	13	03	31.7&	51.206	N	4.689	W	9				5	UNITED KINGDOM. <BGS>. ML 1.7 (BGS).
31	13	24	44.6?	5.76	S	103.99	E	112	*	3.8	1.0	10	SOUTHERN SUMATERA, INDONESIA
31	14	47	23.0*	6.167	S	142.857	E	33	N	4.0	1.2	12	NEW GUINEA, PAPUA NEW GUINEA
31	15	14	22.5*	22.304	N	126.689	E	33	N	3.8	1.4	11	PHILIPPINE SEA
31	15	16	28.1&	40.638	N	28.887	E	6				6	TURKEY. <ISK>. MD 2.8 (ISK).
31	15	19	19.7*	43.466	N	137.980	E	300	G	3.6	0.8	11	EASTERN SEA OF JAPAN
31	16	10	12.1&	34.439	S	70.839	W	87				10	CHILE-ARGENTINA BORDER REGION. <GUC>.
31	16	26	30.3	34.662	N	26.430	E	33	N	3.8	1.0	24	CRETE
31	16	27	53.8	13.786	N	91.160	W	33	N	4.5	1.1	60	NEAR COAST OF GUATEMALA
31	16	33	31.4*	43.196	N	126.625	W	10	G		0.5	48	OFF COAST OF OREGON
31	16	54	36.9*	56.386	N	117.685	E	10	G		0.8	8	EAST OF LAKE BAYKAL, RUSSIA
31	16	57	58.4	7.223	S	120.296	E	585		5.1	1.1	83	FLORES SEA
31	17	00	07.0&	30.993	S	71.379	W	23				11	NEAR COAST OF CENTRAL CHILE. <GUC>.
31	17	54	20.1?	5.28	N	82.60	W	10	G	4.3	1.4	14	SOUTH OF PANAMA
31	17	57	00.5&	58.741	N	152.904	W	59				31	KODIAK ISLAND REGION. <AEIC>. ML 2.7 (AEIC).
31	18	35	41.4&	46.600	N	0.200	W	2				15	FRANCE. <LDG>. ML 2.3 (LDG), 2.3 (STR).
31	18	45	08.3*	39.814	N	143.056	E	33	N	4.4	1.3	10	OFF EAST COAST OF HONSHU, JAPAN
31	18	46	38.0&	33.552	S	70.261	W	6				8	CHILE-ARGENTINA BORDER REGION. <GUC>.
31	19	02	36.3&	32.225	S	71.080	W	53				11	NEAR COAST OF CENTRAL CHILE. <GUC>.
31	19	05	20.7*	37.127	N	69.934	E	33	N	3.8	0.9	15	AFGHANISTAN-TAJIKISTAN BORD REG.
31	19	10	35.7&	39.305	N	28.899	E	10	G			6	TURKEY. <ISK>. MD 2.7 (ISK).
31	19	18	11.0&	39.727	N	28.780	E	10	G		0.6	10	TURKEY
31	19	57	31.0?	6.97	S	129.63	E	100	G	3.9	1.2	6	BANDA SEA
31	20	17	50.8&	44.526	N	6.779	E	0				13	FRANCE. <GEN>. ML 1.9 (GEN), 1.5 (LDG).
31	21	44	50.0*	3.863	S	138.421	E	105	?	4.4	1.1	11	IRIAN JAYA, INDONESIA
31	21	47	11.1*	7.165	N	81.271	W	10	G	4.2	1.2	19	PANAMA
31	22	49	41.0*	30.863	N	131.972	E	33	N	3.6	1.0	5	KYUSHU, JAPAN
31	23	31	54.2&	45.300	N	6.100	E	2				5	FRANCE. <LDG>. ML 1.6 (LDG).

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

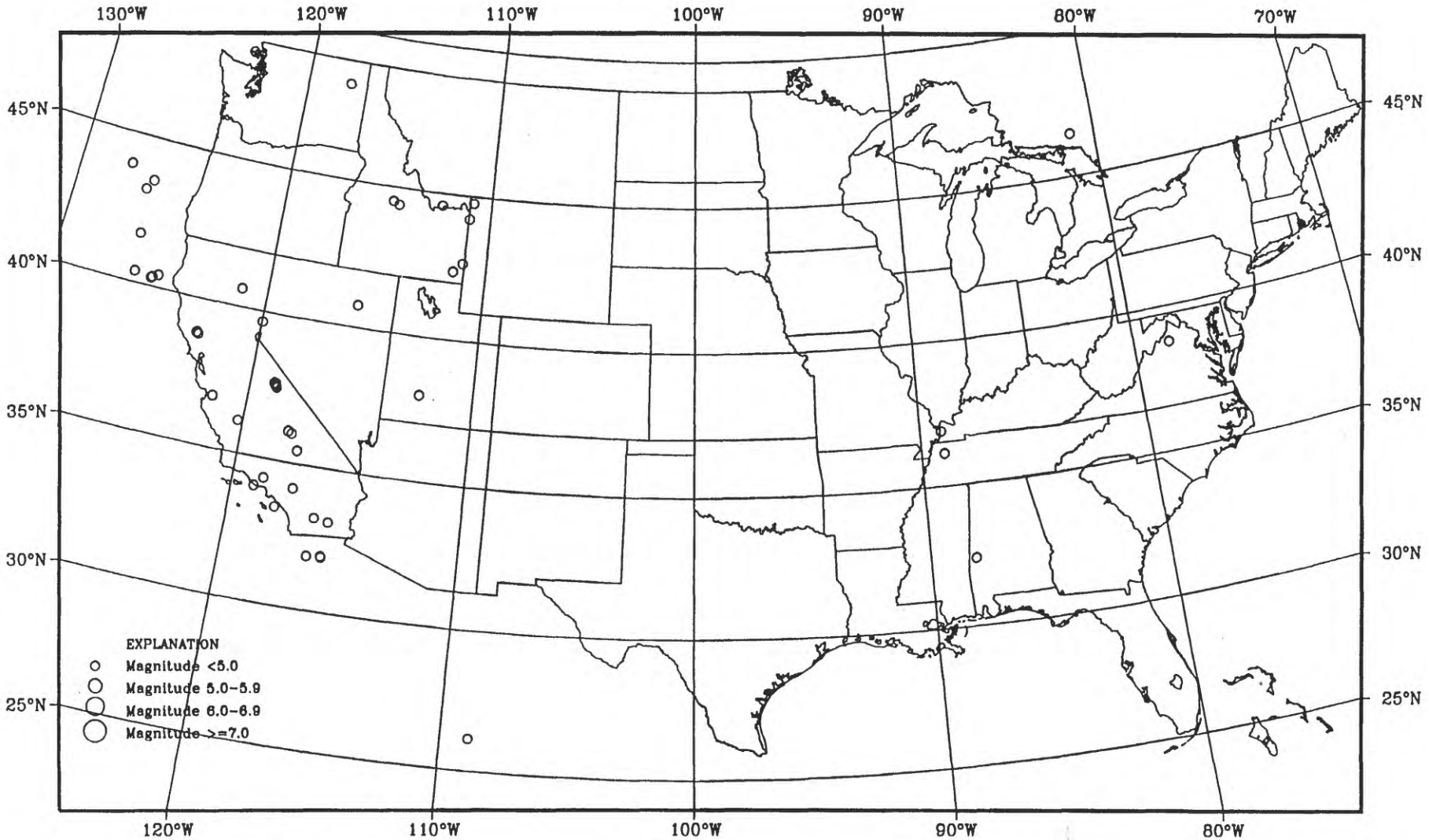
Earthquake Focal Mechanisms for May 1998



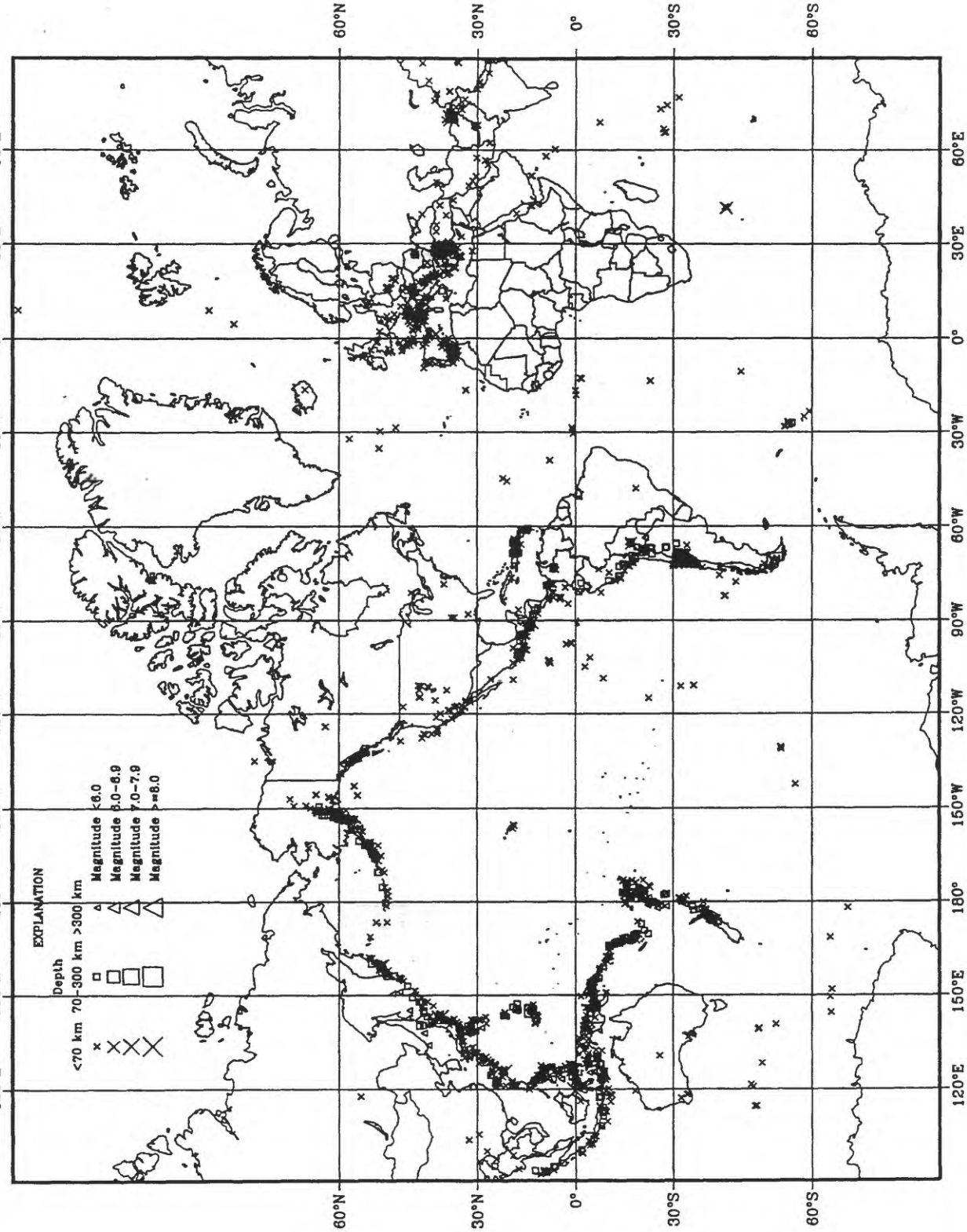
Earthquake epicenters in Alaska and adjacent regions for May 1998



Earthquake epicenters in the conterminous United States and adjacent regions for May 1998



Earthquakes located worldwide in May 1998



USGS
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U.S. Department of the Interior
U.S. Geological Survey

Preliminary Determination of Epicenters

Monthly Listing

National Earthquake Information Center

JUNE 1998

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	19	48.5&	48.000	N	2.200	W	2					7	FRANCE. <LDG>. ML 2.2 (LDG).
01	00	28	40.4&	62.531	N	151.182	W	84					37	CENTRAL ALASKA. <AEIC>.
01	01	21	11.6	39.184	N	143.078	E	31 D	5.3	4.6		0.9	225	OFF EAST COAST OF HONSHU, JAPAN. Mw 5.3 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 01:21:11.3; Lat 39.19 N; Lon 143.58 E; Dep 18.0 Bdy; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=9.24, Plg=58, Azm=321; (N) Val=-0.11, Plg=12, Azm=211; (P) Val=-9.12, Plg=29, Azm=115; Best double couple: Mo=9.2*10**16 Nm; NP1: Strike=175, Dip=19, Slip=52; NP2: Strike=34, Dip=75, Slip=102.
01	01	39	31.8&	38.590	N	1.590	W	15					13	SPAIN. <MDD>. mbLg 1.9 (MDD).
01	02	24	55.9*	39.240	N	143.203	E	33 N	4.1			1.2	16	OFF EAST COAST OF HONSHU, JAPAN
01	02	55	24.1	46.245	N	13.525	E	10 G				0.9	11	AUSTRIA. ML 2.4 (VIE), 1.8 (LJU).
01	03	42	20.7*	13.179	N	125.870	E	33 N	4.5			1.1	24	PHILIPPINE ISLANDS REGION
01	03	54	26.3	10.144	N	126.413	E	33 N	4.3			0.8	25	PHILIPPINE ISLANDS REGION
01	05	34	03.5	52.889	N	160.067	E	44	6.2	6.3		0.9	515	OFF EAST COAST OF KAMCHATKA. Mw 6.9 (OBN), 6.5 (GS), 6.5 (HRV). Me 5.9 (GS). Ms 6.0 (BRK). Felt (V) at Petropavlovsk-Kamchatskiy. Broadband Source Parameters (GS): Dep 32; NP1: Strike=60, Dip=55, Slip=85; NP2: Strike=249, Dip=35, Slip=97; Radiated energy 1.7*10**13 Nm. Moment Tensor (GS): Dep 38; Principal axes (scale 10**18 Nm): (T) Val=5.65, Plg=73, Azm=309; (N) Val=0.05, Plg=5, Azm=204; (P) Val=-5.70, Plg=17, Azm=113; Best double couple: Mo=5.7*10**18 Nm; NP1: Strike=196, Dip=29, Slip=81; NP2: Strike=27, Dip=62, Slip=95. Centroid, Moment Tensor (HRV): Centroid origin time 05:34:10.6; Lat 52.87 N; Lon 160.43 E; Dep 38.0 Bdy; Half-duration 4.1 sec; Principal axes (scale 10**18 Nm): (T) Val=5.76, Plg=66, Azm=322; (N) Val=-0.01, Plg=5, Azm=221; (P) Val=-5.74, Plg=23, Azm=129; Best double couple: Mo=5.8*10**18 Nm; NP1: Strike=210, Dip=22, Slip=78; NP2: Strike=43, Dip=68, Slip=95. Scalar Moment (OBN): Mo=2.2*10**19 Nm. Scalar Moment (PPT): Mo=4.4*10**18 Nm.
01	05	39	41.3	46.192	N	13.641	E	10 G				0.7	6	AUSTRIA. ML 2.4 (VIE). MD 2.0 (LJU).
01	05	48	56.7&	28.600	N	14.490	W	0 G					4	CANARY ISLANDS REGION. <MDD>. mbLg 3.6 (MDD).
01	06	39	38.9*	45.633	N	26.565	E	100 G				0.8	7	ROMANIA
01	07	30	33.7*	8.535	S	118.531	E	114 *	3.7			0.6	11	SUMBAWA REGION, INDONESIA
01	07	35	50.4	33.942	N	136.087	E	399 D	5.2			0.9	299	NEAR S. COAST OF WESTERN HONSHU. Mw 5.8 (HRV). Felt (II JMA) in eastern Fukushima and western Tochigi; (I JMA) in Chiba, Ibaraki, eastern Gumma, southern Iwate, eastern Kanagawa, northen Miyagi, eastern Saitama and southern Tochigi Prefectures. Also felt (II JMA) in the Tokyo area. Centroid, Moment Tensor (HRV): Centroid origin time 07:35:53.3; Lat 34.04 N; Lon 136.24 E; Dep 405.0; Half-duration 1.9 sec; Principal axes (scale 10**17 Nm): (T) Val=4.87, Plg=56, Azm=94; (N) Val=2.97, Plg=6, Azm=356; (P) Val=-7.84, Plg=34, Azm=262; Best double couple: Mo=6.3*10**17 Nm; NP1: Strike=329, Dip=12, Slip=63; NP2: Strike=177, Dip=79, Slip=96.
01	07	42	12.0&	44.581	N	7.115	E	12					15	NORTHERN ITALY. <GEN>. ML 2.1 (GEN), 1.7 (LDG).
01	07	47	50.2	20.967	N	146.181	E	33 N	4.5			1.2	59	MARIANA ISLANDS REGION
01	07	58	38.1&	8.719	N	82.472	W	10					7	PANAMA-COSTA RICA BORDER REGION. <UPA>. MD 3.8 (UPA).
01	07	59	33.8	17.024	N	99.827	W	33 N	4.5			1.1	59	GUERRERO, MEXICO. Minor damage at Acapulco. Also felt at Mexico City.
01	09	22	23.8?	44.60	N	8.41	E	5 G				0.2	6	NORTHERN ITALY. ML 2.0 (LDG).
01	09	53	58.7?	36.88	N	69.67	E	33 N				0.8	6	HINDU KUSH REGION, AFGHANISTAN
01	10	36	22.0&	62.259	N	151.515	W	90					36	CENTRAL ALASKA. <AEIC>.
01	11	44	14.2	37.000	N	69.981	E	33 N	4.9	4.4		1.1	110	AFGHANISTAN-TAJIKISTAN BORD REG.
01	11	57	49.7*	29.462	N	128.640	E	24 *	3.7			1.3	7	NORTHWEST OF RYUKYU ISLANDS

01	11	59	37.1	52.245	N	159.643	E	33	N	4.6		0.7	29	OFF EAST COAST OF KAMCHATKA
01	12	03	21.2*	39.284	N	143.352	E	33	N			1.4	10	OFF EAST COAST OF HONSHU, JAPAN
01	12	54	18.1*	37.429	N	70.306	E	33	N			1.2	13	AFGHANISTAN-TAJIKISTAN BORD REG.
01	13	07	34.9?	52.61	N	172.15	E	33	N			1.1	5	NEAR ISLANDS, ALEUTIAN ISLANDS
01	13	18	56.3*	8.063	S	118.381	E	200	G	4.4		1.1	11	SUMBAWA REGION, INDONESIA
01	13	35	11.7*	16.532	N	122.436	E	100	G	3.9		0.7	12	LUZON, PHILIPPINE ISLANDS
01	13	41	56.3*	54.433	N	161.146	E	33	N			1.0	9	NEAR EAST COAST OF KAMCHATKA
01	13	42	05.9	37.373	N	70.080	E	21		4.5	3.8	1.4	49	AFGHANISTAN-TAJIKISTAN BORD REG.
01	13	46	11.4&	44.400	N	7.400	E	2					5	NORTHERN ITALY. <LDG>. ML 2.0 (LDG).
01	13	46	54.2&	44.400	N	7.400	E	2					6	NORTHERN ITALY. <LDG>. ML 2.2 (LDG).
01	13	57	10.7&	43.206	N	12.677	E	10		4.4			140	CENTRAL ITALY. <ROM>. ML 4.4 (VIE), 4.2 (STR), 4.1 (FUR), 4.0 (LDG). MD 3.7 (ROM).
01	13	57	50.2*	37.458	N	70.299	E	33	N	3.4		1.1	13	AFGHANISTAN-TAJIKISTAN BORD REG.
01	13	59	50.4&	36.550	N	121.068	W	8					11	CENTRAL CALIFORNIA. <GM-P>. MD 3.0 (GM).
01	14	11	58.3&	44.500	N	7.100	E	2					4	NORTHERN ITALY. <LDG>. ML 1.8 (LDG).
01	14	31	51.2	7.988	S	117.844	E	33	N	3.1		0.6	8	BALI SEA
01	14	40	19.8	43.135	N	12.781	E	14				1.2	44	CENTRAL ITALY. ML 3.7 (VIE), 3.6 (STR), 3.4 (LDG).
01	15	23	38.0*	8.756	N	125.708	E	68	*	4.5		0.8	23	MINDANAO, PHILIPPINE ISLANDS
01	15	54	21.9*	5.665	S	129.565	E	198	?	4.9		1.1	9	BANDA SEA
01	17	18	07.3&	33.153	S	70.294	W	8					11	CHILE-ARGENTINA BORDER REGION. <GUC>.
01	18	26	21.0*	39.193	N	143.672	E	30	D	4.6		1.1	18	OFF EAST COAST OF HONSHU, JAPAN
01	18	38	15.6?	30.28	S	68.41	W	200	G			0.7	12	SAN JUAN PROVINCE, ARGENTINA
01	18	39	54.8&	31.744	S	70.070	W	137					14	CHILE-ARGENTINA BORDER REGION. <GUC>.
01	19	21	23.4&	42.070	N	8.120	W	0	G				10	SPAIN. <MDD>. mbLg 3.1 (MDD).
01	19	47	26.6	42.969	N	12.834	E	10	G			1.3	36	CENTRAL ITALY. ML 3.6 (VIE), 3.2 (LDG).
01	20	55	53.7?	34.85	N	137.34	E	336	*	3.7		1.3	7	NEAR S. COAST OF HONSHU, JAPAN
01	21	07	57.8*	26.526	N	142.062	E	33	N	4.3		1.1	17	BONIN ISLANDS REGION
01	21	23	04.8&	33.761	S	70.316	W	105					11	CHILE-ARGENTINA BORDER REGION. <GUC>.
01	22	09	58.4?	41.92	N	144.20	E	33	N	4.2		1.4	8	HOKKAIDO, JAPAN REGION
01	22	31	04.2&	38.801	N	122.800	W	3					17	NORTHERN CALIFORNIA. <GM-P>. MD 3.1 (GM). ML 3.0 (BRK).
01	22	55	05.3	39.420	N	143.036	E	33	N	4.7	3.6	1.1	46	OFF EAST COAST OF HONSHU, JAPAN
01	23	02	13.4*	39.151	N	143.432	E	34	*	4.7	3.9	1.1	40	OFF EAST COAST OF HONSHU, JAPAN
01	23	33	42.1*	49.512	S	122.853	E	10	G	4.0		0.9	13	SOUTH OF AUSTRALIA
01	23	38	54.1*	51.726	N	178.811	E	45	D	4.5		1.4	27	RAT ISLANDS, ALEUTIAN ISLANDS
01	23	44	35.5&	62.681	N	148.658	W	54					33	CENTRAL ALASKA. <AEIC>. ML 3.0 (AEIC), 3.3 (PMR).
02	00	11	44.4&	62.636	N	150.521	W	75					23	CENTRAL ALASKA. <AEIC>.
02	00	17	44.3	44.653	N	10.041	E	10	G			1.0	31	NORTHERN ITALY. ML 2.8 (GEN), 2.6 (LDG).
02	00	36	09.9*	50.346	N	6.866	E	10	G			1.3	17	GERMANY. ML 2.8 (LDG), 2.4 (STR), 2.3 (UCC).
02	01	09	36.3	44.847	N	6.700	E	10	G			0.6	14	FRANCE. ML 2.1 (GEN), 1.9 (LDG).
02	01	32	06.6	41.140	N	114.497	E	10	G	4.8		0.9	59	NORTHEASTERN CHINA. Some houses destroyed in Hebei Province.
02	01	34	23.1&	43.530	N	0.600	W	2					8	PYRENEES. <LDG>. ML 2.0 (LDG).
02	01	39	56.7&	32.371	S	70.283	W	110					11	CHILE-ARGENTINA BORDER REGION. <GUC>.
02	01	44	02.3&	31.971	S	71.253	W	42					14	NEAR COAST OF CENTRAL CHILE. <GUC>.
02	01	54	19.2	44.390	N	149.640	E	33	N	5.1	4.5	0.9	216	KURIL ISLANDS. Mw 5.0 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 01:54:22.9; Lat 44.39 N Fix; Lon 149.64 E Fix; Dep 33.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=3.99, Plg=59, Azm=289; (N) Val=-0.54, Plg=12, Azm=39; (P) Val=-3.45, Plg=28, Azm=136; Best double couple: Mo=3.7*10**16 Nm; NP1: Strike=254, Dip=20, Slip=126; NP2: Strike=36, Dip=74, Slip=78.
02	02	06	19.7&	40.278	N	124.342	W	9					20	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 3.5 (GM). ML 3.4 (BRK). Felt in the Petrolia area and at Honeydew.
02	02	47	33.5*	41.234	N	114.648	E	33	N	4.5		1.3	11	NORTHEASTERN CHINA. Felt in Hebei Province.
02	03	11	29.9?	6.19	S	130.58	E	150	G	4.3		1.1	9	BANDA SEA
02	03	14	26.8*	51.604	N	16.205	E	5	G			0.8	9	POLAND. ML 3.1 (VIE), 2.8 (WAR).
02	03	46	11.4*	50.936	N	157.697	E	33	N	4.3		0.6	15	KURIL ISLANDS
02	04	26	33.9&	32.149	S	71.632	W	15					10	NEAR COAST OF CENTRAL CHILE. <GUC>.
02	04	48	54.6*	45.505	N	26.504	E	100	G			0.7	7	ROMANIA
02	06	03	04.7&	58.010	N	156.815	W	8					9	ALASKA PENINSULA. <AEIC>. ML 2.5 (AEIC).
02	06	27	20.7*	53.297	N	159.464	E	33	N			0.8	7	NEAR EAST COAST OF KAMCHATKA
02	06	29	50.9&	11.235	N	62.009	W	16					4	WINDWARD ISLANDS. <TRN>. MD 2.9 (TRN).
02	06	33	41.2&	31.796	S	69.995	W	155					14	SAN JUAN PROVINCE, ARGENTINA. <GUC>.
02	06	52	54.5&	33.326	S	70.354	W	97					7	CHILE-ARGENTINA BORDER REGION. <GUC>.
02	06	59	49.2&	32.656	S	71.494	W	26					11	NEAR COAST OF CENTRAL CHILE. <GUC>.
02	09	03	52.3*	43.389	N	18.433	E	10	G			1.3	9	NORTHWESTERN BALKAN REGION. ML 2.9 (LJU).
02	09	37	53.8&	32.614	S	71.957	W	15					8	NEAR COAST OF CENTRAL CHILE. <GUC>.
02	09	39	58.1*	28.531	N	52.295	E	33	N	3.9		0.7	9	SOUTHERN IRAN
02	10	02	05.1?	6.11	S	147.87	E	33	N	3.8		1.2	9	EASTERN NEW GUINEA REG., P.N.G.
02	10	21	21.7	43.698	N	28.980	W	10	G	4.8	4.4	1.0	136	NORTHERN MID-ATLANTIC RIDGE
02	11	14	02.7*	11.356	N	125.343	E	33	N	4.5		1.1	22	SAMAR, PHILIPPINE ISLANDS
02	11	56	12.5	39.181	N	143.508	E	33	N	4.7	4.3	1.0	69	OFF EAST COAST OF HONSHU, JAPAN
02	12	15	44.7&	42.150	N	8.140	W	0	G				4	SPAIN. <MDD>. mbLg 2.4 (MDD).
02	12	24	47.6*	39.139	N	143.707	E	33	N	3.7		1.4	7	OFF EAST COAST OF HONSHU, JAPAN
02	12	52	07.0&	36.835	N	121.564	W	7					23	CENTRAL CALIFORNIA. <GM-P>. MD 3.0 (GM). ML 3.0 (BRK).
02	13	17	38.5&	32.390	S	70.082	W	129					9	CHILE-ARGENTINA BORDER REGION. <GUC>.
02	13	57	51.5	12.883	N	87.952	W	100	G	5.1		1.0	133	NEAR COAST OF NICARAGUA. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 13:57:53.6; Lat 12.77 N; Lon 88.08 W; Dep 98.1; Half-duration 1.3 sec; Principal axes (scale 10**17 Nm): (T) Val=1.51, Plg=48, Azm=26; (N) Val=0.19, Plg=5, Azm=290; (P) Val=-1.71, Plg=41, Azm=196; Best double couple: Mo=1.6*10**17 Nm; NP1: Strike=235, Dip=7, Slip=35; NP2: Strike=111, Dip=86, Slip=95.
02	14	00	37.9&	59.038	N	152.479	W	85					32	SOUTHERN ALASKA. <AEIC>.
02	14	26	29.0&	37.050	N	117.810	W	13					15	CALIFORNIA-NEVADA BORDER REGION. <REN-P>. MD 3.1 (REN).
02	14	54	53.2*	32.395	S	179.566	E	500	G	3.9		1.1	26	SOUTH OF KERMADEC ISLANDS
02	16	18	19.9&	35.227	S	68.586	W	17					5	MENDOZA PROVINCE, ARGENTINA. <GUC>.
02	16	26	20.2	2.843	S	128.415	E	33	N	4.5		1.2	23	CERAM SEA
02	17	08	41.3	16.438	N	92.830	W	120	D	4.3		1.0	41	CHIAPAS, MEXICO
02	17	15	01.7	8.911	S	110.639	E	33	N	4.4		1.2	28	JAWA, INDONESIA
02	18	02	56.1	46.069	N	16.993	E	10	G	3.9		1.4	141	NORTHWESTERN BALKAN REGION. ML 4.4 (VIE), 4.2 (FUR), 4.1 (ZAG). Felt (IV) in northeastern Slovenia. Also felt at

													Durdevac and Koprivnica, Croatia.
02	18	19	31.8	22.524	N	125.910	E	33	N	4.3	0.9	19	SOUTHEAST OF TAIWAN
02	18	34	02.9?	36.58	N	71.51	E	33	N	4.6	1.0	9	AFGHANISTAN-TAJIKISTAN BORD REG.
02	18	59	07.4	44.388	N	149.313	E	75	G	4.2	0.9	20	KURIL ISLANDS
02	19	09	21.2*	44.911	N	80.216	E	33	N	3.6	1.4	11	KAZAKHSTAN-XINJIANG BORDER REG.
02	20	32	13.0	6.670	S	104.795	E	33	N	4.7	1.0	40	SUNDA STRAIT
02	20	34	10.2*	37.409	N	78.685	E	33	N	4.2	1.3	19	SOUTHERN XINJIANG, CHINA
02	20	46	38.9	45.662	N	14.072	E	10	G		1.2	39	NORTHWESTERN BALKAN REGION. ML 3.2 (VIE), 3.1 (LDG), 2.9 (LJU). Felt (IV) in central and southwestern Slovenia.
02	20	54	11.8	45.787	N	14.174	E	10	G		0.8	17	NORTHWESTERN BALKAN REGION. ML 2.8 (VIE), 2.5 (LJU).
02	21	06	47.5	39.028	N	143.702	E	33	N	4.8 4.1	1.0	43	OFF EAST COAST OF HONSHU, JAPAN
02	21	20	05.7	45.747	N	14.165	E	10	G		0.7	12	NORTHWESTERN BALKAN REGION. ML 2.4 (VIE), 2.1 (LJU).
02	21	22	47.7*	45.769	N	14.137	E	10	G		0.2	5	NORTHWESTERN BALKAN REGION. ML 1.6 (LJU).
02	21	52	30.6&	41.107	N	126.598	W	25		4.5		123	OFF COAST OF NORTHERN CALIFORNIA. <BRK>. ML 4.4 (BRK).
02	23	11	22.5	43.175	N	12.758	E	10	G	4.2	1.1	173	CENTRAL ITALY. ML 4.5 (VIE), 4.4 (FUR), 4.2 (STR), 4.1 (LDG). MD 3.7 (ROM).
02	23	52	00.0?	49.54	S	125.17	E	10	G	4.2	1.3	8	SOUTH OF AUSTRALIA
03	00	11	29.0?	37.06	N	69.80	E	33	N	3.8	0.9	10	AFGHANISTAN-TAJIKISTAN BORD REG.
03	00	33	32.8&	45.400	N	1.100	E	2				13	FRANCE. <LDG>. ML 2.5 (STR), 2.3 (LDG).
03	00	59	54.6?	29.86	N	128.34	E	262	*	3.5	0.9	9	NORTHWEST OF RYUKYU ISLANDS
03	01	19	28.1?	51.64	N	179.46	E	63	?		0.1	5	RAT ISLANDS, ALEUTIAN ISLANDS
03	01	19	44.0&	18.850	N	67.070	W	25				4	MONA PASSAGE. <MPR>. MD 2.6 (MPR).
03	01	30	36.6	43.124	N	0.349	W	10	G		1.4	17	PYRENEES. ML 3.0 (LDG), 2.5 (STR). mbLg 2.5 (MDD). Felt (IV) in the Ossau Valley, France.
03	02	42	55.9	19.673	S	69.616	W	33	N	5.0 4.4	1.2	65	NORTHERN CHILE. Felt (II) at Iquique and Pozo Almonte.
03	02	43	55.0&	34.062	S	70.966	W	70				11	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.8 (GUC).
03	03	11	03.6*	20.059	S	70.796	W	33	N	4.2	1.5	12	NEAR COAST OF NORTHERN CHILE
03	03	54	11.9&	59.859	N	150.690	W	54				17	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.6 (AEIC).
03	03	58	00.7&	33.599	S	71.591	W	34				12	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.2 (GUC).
03	04	10	28.7&	11.310	N	60.891	W	27				6	WINDWARD ISLANDS. <TRN>. MD 2.7 (TRN).
03	04	29	19.1&	33.769	S	70.315	W	103				12	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.8 (GUC).
03	05	22	50.5&	34.124	N	118.482	W	8				30	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS). Felt in the San Fernando Valley. Also felt at Burbank and Pasadena.
03	05	34	58.0	44.582	N	10.165	E	10	G		1.1	44	NORTHERN ITALY. ML 3.3 (STR), 3.2 (VIE), 3.2 (LDG), 3.0 (GEN).
03	06	22	36.7&	52.864	N	169.134	W	13				5	FOX ISLANDS, ALEUTIAN ISLANDS. <AEIC>. ML 2.6 (AEIC).
03	06	47	42.2*	64.117	N	21.157	W	10	G	4.2	1.0	18	ICELAND
03	06	55	54.7&	29.496	S	71.419	W	33	N			11	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.1 (GUC).
03	08	04	47.3&	36.858	S	74.019	W	121				12	OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.9 (GUC).
03	08	36	37.2	39.852	N	24.141	E	10	G	4.3	1.1	28	AEGEAN SEA
03	08	43	29.8	39.828	N	24.069	E	10	G		1.3	20	AEGEAN SEA. ML 3.9 (ROM).
03	08	47	08.9	39.805	N	24.113	E	10	G	4.3	1.1	88	AEGEAN SEA. ML 4.7 (THE).
03	09	01	01.0*	37.505	N	69.962	E	33	N	4.1	1.2	16	AFGHANISTAN-TAJIKISTAN BORD REG.
03	09	08	46.3*	40.582	N	24.034	E	10	G		1.3	9	AEGEAN SEA
03	09	31	04.7&	36.810	N	121.535	W	7				13	CENTRAL CALIFORNIA. <GM-P>. MD 2.9 (GM).
03	09	59	40.4	82.280	N	20.009	W	10	G	4.5	1.0	33	NEAR NORTH COAST OF GREENLAND
03	10	00	08.6&	43.200	N	5.900	E	2				6	NEAR SOUTH COAST OF FRANCE. <LDG>. ML 2.3 (LDG).
03	10	00	14.9	17.683	S	178.831	W	543	*	4.4	0.9	45	FIJI ISLANDS REGION
03	10	47	36.4&	44.344	N	7.301	E	12				18	NORTHERN ITALY. <GEN>. ML 2.5 (GEN), 2.3 (LDG).
03	12	12	24.5*	14.828	N	91.145	W	250	G	4.1	0.9	36	GUATEMALA
03	12	47	07.2*	42.031	N	8.109	W	10	G		0.9	5	SPAIN. mbLg 2.7 (MDD).
03	13	41	33.8	43.773	N	18.966	E	10	G		0.8	47	NORTHWESTERN BALKAN REGION. ML 3.5 (ROM), 3.1 (LJU).
03	13	41	56.0&	33.976	S	70.916	W	71				13	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.9 (GUC).
03	13	46	55.8*	37.369	N	70.397	E	33	N	4.3	1.1	20	AFGHANISTAN-TAJIKISTAN BORD REG.
03	14	31	03.3*	23.489	S	66.484	W	200	G	3.9	1.1	16	JUJUY PROVINCE, ARGENTINA
03	15	47	07.9	43.679	N	29.020	W	10	G	5.1 4.9	0.8	275	NORTHERN MID-ATLANTIC RIDGE. Mw 5.5 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 15:47:12.4; Lat 43.68 N; Lon 28.93 W; Dep 15.0 Fix; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=1.69, Plg=6, Azm=311; (N) Val=-0.04, Plg=17, Azm=43; (P) Val=-1.66, Plg=72, Azm=203; Best double couple: Mo=1.7*10**17 Nm; NP1: Strike=23, Dip=42, Slip=-116; NP2: Strike=236, Dip=53, Slip=-69.
03	16	26	51.1&	61.757	N	152.128	W	0				15	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC), 2.9 (PMR).
03	16	56	49.6&	33.156	S	70.257	W	6				12	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.4 (GUC).
03	17	10	04.2	43.718	N	29.003	W	10	G	4.8 4.6	0.9	160	NORTHERN MID-ATLANTIC RIDGE
03	17	16	02.4*	14.111	S	172.389	E	600	G	4.1	1.3	29	VANUATU ISLANDS REGION
03	18	00	42.3	45.720	N	10.837	E	10	G		1.3	88	NORTHERN ITALY. ML 4.2 (GRF), 3.9 (VIE), 3.7 (STR), 3.7 (FUR).
03	18	29	55.7*	35.518	S	179.152	E	250	G	4.1	1.2	15	OFF E. COAST OF N. ISLAND, N.Z.
03	18	38	01.1*	38.759	N	98.195	E	33	N	4.2	1.1	16	QINGHAI, CHINA
03	19	56	11.8	12.781	N	88.469	W	33	N	4.7	1.0	50	OFF COAST OF CENTRAL AMERICA
03	20	04	34.9&	60.037	N	151.734	W	63				25	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.3 (AEIC), 3.5 (PMR). Felt in the Ninilchik area.
03	20	15	31.4&	35.793	S	71.523	W	102				8	CENTRAL CHILE. <GUC>.
03	20	47	24.1&	44.277	N	7.403	E	17				6	NORTHERN ITALY. <GEN>. ML 1.8 (GEN).
03	21	14	42.1&	32.064	S	70.263	W	137				7	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.5 (GUC).
03	21	26	31.5	42.686	N	18.374	E	10	G	3.7	1.4	117	NORTHWESTERN BALKAN REGION. ML 3.9 (ROM).
03	21	34	48.9	23.887	S	69.875	W	48	D	5.1 4.5	1.1	113	NORTHERN CHILE. Mw 5.5 (HRV). Felt (IV) at Antofagasta and Mejillones; (III) at Maria Elena, Taltal and Tocopilla; (II) at Calama. Centroid, Moment Tensor (HRV): Centroid origin time 21:34:56.3; Lat 23.88 S; Lon 70.76 W; Dep 28.6; Half-duration 1.4 sec; Principal axes (scale 10**17 Nm): (T) Val=1.83, Plg=59, Azm=71; (N) Val=0.09, Plg=6, Azm=171; (P) Val=-1.93, Plg=30, Azm=265; Best double couple: Mo=1.9*10**17 Nm; NP1: Strike=13, Dip=16, Slip=113; NP2: Strike=170, Dip=76, Slip=84.
03	22	51	54.9%	42.004	N	8.068	W	10	G		1.0	12	SPAIN. mbLg 3.0 (MDD).
03	22	54	27.5%	42.102	N	8.143	W	10	G		0.7	5	SPAIN. mbLg 2.2 (MDD).
03	23	10	14.9	41.693	N	126.850	W	10	G		0.9	18	OFF COAST OF NORTHERN CALIFORNIA
03	23	11	21.4*	41.713	N	127.042	W	10	G	3.2	0.6	13	OFF COAST OF NORTHERN CALIFORNIA
03	23	17	07.4	41.753	N	126.812	W	10	G	3.1	0.5	27	OFF COAST OF NORTHERN CALIFORNIA

03	23	52	55.1?	0.36	S	122.79	E	33	N	4.2		1.3	13	MINAHASSA PENINSULA, SULAWESI
04	00	21	04.8&	37.570	N	2.260	W	0	G				6	SPAIN. <MDD>. mbLg 1.5 (MDD).
04	00	31	45.6?	17.75	S	177.82	W	500	G	4.0		1.1	12	FIJI ISLANDS REGION
04	00	41	51.9*	43.159	N	12.694	E	10	G			1.2	20	CENTRAL ITALY. ML 3.5 (VIE), 3.3 (LDG).
04	00	45	07.4&	42.040	N	8.070	W	7					9	SPAIN. <MDD>. mbLg 2.4 (MDD).
04	00	46	28.6&	33.005	S	70.188	W	6					14	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 4.6 (GUC).
04	00	52	22.3&	32.996	S	70.162	W	5					9	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.4 (GUC).
04	00	53	10.7&	33.000	S	70.143	W	6					10	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.4 (GUC).
04	01	00	31.6&	32.991	S	70.138	W	6					11	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.4 (GUC).
04	01	03	48.3*	21.280	S	68.095	W	151	?	3.8		0.6	9	CHILE-BOLIVIA BORDER REGION
04	01	08	31.8&	57.947	N	156.825	W	0		4.3			51	ALASKA PENINSULA. <AEIC>. ML 4.3 (AEIC), 4.1 (PMR).
04	01	25	03.4&	33.023	S	70.154	W	7					8	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.1 (GUC).
04	01	31	37.6*	21.791	S	170.834	E	100	G	3.8		1.3	24	LOYALTY ISLANDS REGION
04	01	55	52.6?	55.43	S	29.59	W	33	N			1.3	8	SOUTH SANDWICH ISLANDS REGION
04	02	03	04.5?	49.77	S	125.54	E	10	G	4.2		1.4	8	SOUTH OF AUSTRALIA
04	02	20	06.7&	57.928	N	156.811	W	0					11	ALASKA PENINSULA. <AEIC>. ML 3.1 (AEIC).
04	02	58	47.3&	39.607	N	28.556	E	5					8	TURKEY. <ISK>. MD 3.3 (ISK).
04	03	45	27.3&	61.690	N	152.126	W	122					34	SOUTHERN ALASKA. <AEIC>.
04	04	31	10.7?	51.28	N	177.93	W	33	N	3.7		0.7	7	ANDREANOF ISLANDS, ALEUTIAN IS.
04	04	47	42.6&	32.992	S	70.138	W	5					10	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.1 (GUC).
04	06	07	02.4&	33.443	N	116.859	W	13					40	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.7 (PAS). Felt in the Temecula and Pauma Valley areas.
04	06	50	12.8&	39.646	N	28.622	E	5					7	TURKEY. <ISK>. MD 3.0 (ISK).
04	06	50	53.0&	39.623	N	28.619	E	5					6	TURKEY. <ISK>. MD 2.7 (ISK).
04	07	03	16.3*	11.596	N	143.016	E	33	N	4.0		1.0	8	SOUTH OF MARIANA ISLANDS
04	07	31	30.3&	59.578	N	153.094	W	107					25	SOUTHERN ALASKA. <AEIC>.
04	07	36	08.3&	42.110	N	8.150	W	0	G				6	SPAIN. <MDD>. mbLg 2.6 (MDD).
04	08	51	03.7&	45.080	N	2.440	E	5	G				4	FRANCE. <STR>. ML 2.3 (STR).
04	09	19	22.2&	38.468	N	28.642	E	10	G				7	TURKEY. <ISK>. MD 2.9 (ISK).
04	09	19	34.5&	32.791	S	71.670	W	14					9	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.1 (GUC).
04	09	21	06.5&	63.326	N	151.237	W	11					25	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC), 3.0 (PMR).
04	09	53	48.2&	44.300	N	7.600	E	2					5	NORTHERN ITALY. <LDG>. ML 2.4 (LDG).
04	09	56	13.0&	40.481	N	29.262	E	10	G				6	TURKEY. <ISK>. MD 2.6 (ISK).
04	10	01	48.1&	32.993	S	70.154	W	6					13	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 4.5 (GUC).
04	10	16	22.0*	63.009	N	152.235	W	33	N			1.3	5	CENTRAL ALASKA. ML 2.5 (PMR).
04	10	18	05.4&	32.993	S	70.171	W	5					11	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.7 (GUC).
04	10	30	49.8&	47.860	N	8.140	E	1	G				7	SWITZERLAND. <STR>. ML 1.5 (STR).
04	11	02	10.0?	7.73	S	128.35	E	150	G	4.0		1.0	6	BANDA SEA
04	11	18	32.4&	39.564	N	29.556	E	10	G				4	TURKEY. <ISK>. MD 2.6 (ISK).
04	12	32	14.1*	43.317	S	41.642	E	10	G	4.1		0.8	12	PRINCE EDWARD ISLANDS REGION
04	13	03	53.4&	39.137	N	27.575	E	8					5	TURKEY. <ISK>. MD 2.6 (ISK).
04	13	05	34.2&	33.004	S	70.145	W	4					8	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.5 (GUC).
04	13	30	11.1&	35.990	S	71.140	W	136					9	CENTRAL CHILE. <GUC>.
04	13	45	59.9&	57.975	N	156.783	W	1					30	ALASKA PENINSULA. <AEIC>. ML 3.9 (AEIC), 3.9 (PMR).
04	14	10	21.8?	22.53	S	176.08	W	33	N	3.9		0.8	12	SOUTH OF FIJI ISLANDS
04	14	41	05.7&	31.224	S	71.676	W	26					12	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.1 (GUC).
04	14	58	06.3&	50.020	N	7.550	E	2	G				8	GERMANY. <STR>. ML 2.0 (STR), 2.0 (UCC).
04	15	05	32.1*	58.010	N	156.246	W	33	N			0.3	5	ALASKA PENINSULA. ML 3.5 (PMR).
04	16	24	29.5*	51.074	N	15.940	E	5	G			1.1	9	POLAND. ML 3.1 (VIE), 2.7 (WAR).
04	17	03	09.7	46.426	N	15.156	E	5	G			0.5	6	NORTHWESTERN BALKAN REGION. ML 2.4 (VIE).
04	17	09	36.1	5.043	S	101.965	E	33	N	4.7		1.1	30	SOUTHWEST OF SUMATERA, INDONESIA
04	17	38	18.2&	37.160	N	3.620	W	0	G				20	SPAIN. <MDD>. mbLg 3.1 (MDD). Felt (IV) at Granada.
04	17	43	08.2?	63.03	S	148.89	E	10	G			1.3	6	BALLENY ISLANDS REGION
04	18	14	18.8&	36.720	N	121.211	W	7					10	CENTRAL CALIFORNIA. <GM-P>. MD 2.8 (GM).
04	18	19	09.3%	46.481	N	152.236	E	33	N			0.4	5	KURIL ISLANDS
04	18	39	29.2?	5.60	S	150.95	E	33	N	4.0		1.1	5	NEW BRITAIN REGION, P.N.G.
04	19	04	46.3	64.074	N	21.338	W	10	G	4.4	3.9	1.3	70	ICELAND
04	19	06	51.2&	33.173	S	70.267	W	7					8	CHILE-ARGENTINA BORDER REGION. <GUC>.
04	19	28	52.2&	37.180	N	3.610	W	0	G				10	SPAIN. <MDD>. mbLg 2.4 (MDD). Felt (II) at Granada.
04	19	32	46.1&	37.150	N	3.630	W	0	G				21	SPAIN. <MDD>. mbLg 3.0 (MDD). Felt (IV) at Granada.
04	19	33	53.9*	9.114	N	83.853	W	10	G			1.3	13	COSTA RICA. MD 4.6 (UPA).
04	19	34	50.1&	37.170	N	3.610	W	0	G				7	SPAIN. <MDD>. mbLg 2.3 (MDD).
04	19	47	40.1&	37.180	N	3.650	W	0	G				11	SPAIN. <MDD>. mbLg 1.9 (MDD).
04	20	18	55.9&	39.818	N	28.670	E	5					9	TURKEY. <ISK>. MD 2.8 (ISK).
04	20	41	15.2	8.054	S	118.249	E	33	N	3.1		0.5	7	SUMBAWA REGION, INDONESIA
04	20	58	25.2*	50.091	N	18.986	E	5	G			1.5	6	POLAND. ML 2.7 (WAR).
04	21	36	54.1	63.993	N	21.290	W	10	G	5.1	5.1	0.9	340	ICELAND REGION. Mw 5.4 (HRV). Felt at Hveragerdhi and Reykjavik. Brief power outages occurred at Hveragerdhi. Centroid, Moment Tensor (HRV): Centroid origin time 21:36:59.5; Lat 63.89 N; Lon 21.31 W; Dep 15.0 Fix; Half-duration 1.3 sec; Principal axes (scale 10**17 Nm): (T) Val=1.74, Plg=1, Azm=319; (N) Val=-0.36, Plg=84, Azm=55; (P) Val=-1.38, Plg=6, Azm=229; Best double couple: Mo=1.6*10**17 Nm; NP1: Strike=4, Dip=85, Slip=-176; NP2: Strike=274, Dip=86, Slip=-5.
04	21	59	16.2	37.209	N	70.000	E	33	N	4.4		1.0	38	AFGHANISTAN-TAJIKISTAN BORD REG.
04	22	42	31.7?	45.11	N	15.63	E	10	G			0.6	9	NORTHWESTERN BALKAN REGION. ML 2.2 (VIE), 2.0 (LJU).
04	22	59	58.2	63.958	N	21.418	W	10	G	4.4	3.9	1.0	60	ICELAND REGION
04	23	00	19.7*	34.692	N	137.545	E	276	*	4.0		1.1	12	NEAR S. COAST OF HONSHU, JAPAN
04	23	05	39.6	22.503	S	67.525	W	163	*	4.4		0.9	25	CHILE-BOLIVIA BORDER REGION
04	23	47	05.5*	2.616	N	98.423	E	121	?	3.9		0.7	12	NORTHERN SUMATERA, INDONESIA
05	00	12	25.1?	7.45	N	73.42	W	100	G	3.7		1.0	10	NORTHERN COLOMBIA
05	00	12	40.5*	0.040	S	125.659	E	33	N			0.6	8	SOUTHERN MOLUCCA SEA
05	00	21	52.3	1.014	S	120.534	E	33	N	4.5		1.3	21	SULAWESI, INDONESIA. Felt (II) at Poso.
05	00	28	47.9&	35.626	S	71.451	W	123					10	CENTRAL CHILE. <GUC>. MD 3.4 (GUC).
05	00	29	53.1&	40.210	N	0.630	W	0	G				5	SPAIN. <MDD>. mbLg 1.9 (MDD).
05	01	37	39.8&	34.470	S	72.100	W	9					6	NEAR COAST OF CENTRAL CHILE. <GUC>.
05	01	37	45.1*	36.260	S	97.736	W	10	G	4.5		1.1	15	WEST CHILE RISE
05	01	40	03.6&	33.862	N	117.870	W	4					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS). Felt in the Anaheim area.
05	01	40	55.7?	45.93	N	15.56	E	5	G			0.5	4	NORTHWESTERN BALKAN REGION. ML 0.8 (LJU).
05	01	43	26.4&	29.908	S	72.007	W	7					8	OFF COAST OF CENTRAL CHILE. <GUC>. MD 4.2 (GUC).
05	02	16	05.9*	10.320	S	124.056	E	33	N			0.3	5	TIMOR REGION, INDONESIA

05	02	31	01.9	35.479	N	80.821	W	5	G			0.9	16	NORTH CAROLINA. mbLg 3.2 (GS). Felt at Charlotte, Cornelius, Davidson, Denver, Huntersville and Mooresville.
05	02	31	27.1	37.003	N	70.047	E	33	N	4.6	3.8	0.9	56	AFGHANISTAN-TAJIKISTAN BORD REG.
05	02	35	28.4&	32.992	S	70.137	W	6					12	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.6 (GUC).
05	02	45	16.0*	46.423	N	14.981	E	10	G			1.3	5	NORTHWESTERN BALKAN REGION. ML 1.8 (VIE).
05	03	31	04.0&	31.582	S	70.147	W	165					11	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.3 (GUC).
05	03	33	13.9&	33.049	S	70.130	W	3					9	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.5 (GUC).
05	03	35	03.6&	32.997	S	70.139	W	6					10	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.4 (GUC).
05	03	52	18.1&	33.033	S	70.620	W	87					12	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.6 (GUC).
05	04	01	58.1	46.197	N	13.678	E	10	G			1.3	12	AUSTRIA. ML 2.8 (VIE), 2.1 (LJU), 2.1 (TRI). Felt (IV) at Drezniske Ravne and Volarje, Slovenia.
05	04	04	50.1&	44.187	N	7.600	E	10					7	NORTHERN ITALY. <GEN>. ML 1.8 (GEN).
05	04	21	58.8*	44.008	N	147.731	E	100	G	4.2		1.1	12	KURIL ISLANDS
05	04	22	19.1&	8.711	N	77.997	W	168					6	PANAMA-COLOMBIA BORDER REGION. <UPA>. MD 3.7 (UPA).
05	04	27	10.0?	51.03	N	179.32	E	33	N	4.2		1.5	7	RAT ISLANDS, ALEUTIAN ISLANDS
05	04	47	57.6&	31.889	S	68.237	W	207					9	SAN JUAN PROVINCE, ARGENTINA. <GUC>. MD 2.9 (GUC).
05	06	04	46.0*	43.570	N	126.721	W	10	G	3.8		1.2	21	OFF COAST OF OREGON
05	06	19	10.6&	37.190	N	3.670	W	0	G				9	SPAIN. <MDD>. mbLg 2.1 (MDD). Felt (II) at Granada.
05	07	13	44.1	9.735	S	159.610	E	33	N	4.7	4.1	0.8	47	SOLOMON ISLANDS
05	07	41	20.9&	39.572	N	29.416	E	7					4	TURKEY. <ISK>. MD 2.6 (ISK).
05	07	42	49.7?	46.21	N	13.61	E	10	G			0.3	4	AUSTRIA. ML 1.7 (LJU).
05	07	49	54.9?	9.9&	S	159.89	E	33	N			0.9	8	SOLOMON ISLANDS
05	08	01	10.9&	39.555	N	29.478	E	7					4	TURKEY. <ISK>. MD 2.6 (ISK).
05	08	03	48.1&	46.069	N	14.772	E	10	G			0.2	6	NORTHWESTERN BALKAN REGION. ML 1.3 (LJU).
05	08	14	23.7&	31.586	S	72.195	W	19					9	OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.6 (GUC).
05	08	50	36.8	55.812	S	27.509	W	100	G	5.2		0.9	45	SOUTH SANDWICH ISLANDS REGION. Mw 5.1 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 08:50:35.4; Lat 55.80 S Fix; Lon 27.50 W Fix; Dep 98.0; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=4.99, Plg=14, Azm=152; (N) Val=1.76, Plg=56, Azm=264; (P) Val=-6.75, Plg=30, Azm=54; Best double couple: Mo=5.9*10**16 Nm; NP1: Strike=197, Dip=58, Slip=-167; NP2: Strike=100, Dip=79, Slip=-32.
05	09	22	04.1	45.503	N	14.266	E	10	G			0.7	8	NORTHWESTERN BALKAN REGION. ML 2.3 (TRI), 1.9 (LJU).
05	09	28	33.2&	41.572	N	28.980	E	5					4	TURKEY. <ISK>. MD 2.7 (ISK).
05	10	20	21.4&	31.265	S	71.713	W	19					10	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.6 (GUC).
05	11	07	04.6&	40.194	N	27.369	E	5					7	TURKEY. <ISK>. MD 2.8 (ISK).
05	12	08	25.0	17.995	S	64.911	W	33	N	4.5		1.1	45	CENTRAL BOLIVIA
05	12	13	06.1*	45.148	N	14.976	E	10	G			0.6	15	NORTHWESTERN BALKAN REGION. ML 3.2 (VIE), 3.0 (TRI).
05	12	14	32.9&	63.244	N	151.047	W	7					35	CENTRAL ALASKA. <AEIC>. ML 3.0 (AEIC), 3.6 (PMR).
05	12	39	41.8	19.252	N	73.483	W	33	N	4.6	3.9	0.9	92	HAITI REGION. MD 4.9 (HOJ).
05	12	41	24.6&	40.452	N	28.893	E	5					5	TURKEY. <ISK>. MD 2.5 (ISK).
05	12	45	33.2*	5.505	S	145.792	E	33	N			0.7	6	EASTERN NEW GUINEA REG., P.N.G.
05	13	10	26.4&	43.854	N	7.765	E	6					16	NEAR SOUTH COAST OF FRANCE. <GEN>. ML 2.6 (GEN), 2.5 (LDG).
05	13	12	30.8	51.214	N	15.926	E	5	G			1.1	17	POLAND. ML 3.5 (VIE).
05	13	27	02.4*	46.204	N	15.905	E	10	G			0.8	7	NORTHWESTERN BALKAN REGION. ML 2.7 (VIE).
05	13	31	40.5&	35.660	S	74.597	W	50					9	OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.6 (GUC).
05	13	45	23.9&	39.567	N	29.556	E	10	G				6	TURKEY. <ISK>. MD 2.6 (ISK).
05	13	47	41.5&	30.945	S	121.295	E	10	G			0.5	6	WESTERN AUSTRALIA
05	14	26	02.4*	23.170	S	67.891	W	127	?	4.5		0.8	15	CHILE-ARGENTINA BORDER REGION
05	14	55	31.8&	32.224	S	71.933	W	20					9	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.3 (GUC).
05	15	45	08.7*	64.429	S	176.060	E	10	G	4.9	4.8	0.7	18	BALLENY ISLANDS REGION. Mw 5.3 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 15:45:12.0; Lat 64.10 S; Lon 176.72 E; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=9.91, Plg=28, Azm=163; (N) Val=-1.51, Plg=12, Azm=260; (P) Val=-8.40, Plg=59, Azm=11; Best double couple: Mo=9.1*10**16 Nm; NP1: Strike=224, Dip=21, Slip=-128; NP2: Strike=83, Dip=74, Slip=-77.
05	16	01	50.0*	8.520	S	121.318	E	200	G	4.1		1.4	11	FLORES REGION, INDONESIA
05	16	20	41.7&	36.833	N	121.551	W	5					16	CENTRAL CALIFORNIA. <GM-P>. MD 3.0 (GM).
05	16	37	01.6&	61.726	N	153.532	W	0					21	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
05	16	55	27.4&	34.473	S	72.156	W	36					13	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.8 (GUC).
05	17	11	28.3&	34.493	S	70.408	W	15					11	CHILE-ARGENTINA BORDER REGION. <GUC>.
05	17	12	02.1&	34.465	S	70.418	W	6					12	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.5 (GUC).
05	17	28	10.8*	3.450	S	141.063	E	33	N	4.0		1.3	14	NEW GUINEA, PAPUA NEW GUINEA
05	17	43	11.9*	38.030	N	72.809	E	150	G	4.2		1.0	16	TAJIKISTAN
05	18	04	47.6	42.895	N	12.782	E	10	G			1.3	27	CENTRAL ITALY. ML 3.6 (VIE), 3.5 (LDG), 3.5 (TRI).
05	19	07	08.7&	37.160	N	3.640	W	0	G				23	SPAIN. <MDD>. mbLg 3.2 (MDD). Felt (IV) at Granada.
05	19	40	34.6&	37.190	N	3.610	W	2					10	SPAIN. <MDD>. mbLg 2.5 (MDD).
05	20	12	29.0*	1.601	S	150.326	E	33	N			1.4	12	NEW IRELAND REGION, P.N.G.
05	21	26	05.3	27.552	N	126.701	E	186	D	4.6		1.3	27	NORTHWEST OF RYUKYU ISLANDS
05	21	53	12.1&	43.171	N	12.748	E	10	G	4.2			145	CENTRAL ITALY. <ROM>. ML 4.2 (TRI), 4.2 (VIE), 4.1 (FUR), 4.1 (STR), 3.8 (LDG), 3.8 (FBB). MD 3.9 (ROM).
05	21	57	35.2*	9.211	S	157.846	E	33	N			1.3	12	SOLOMON ISLANDS
05	22	31	46.6&	38.884	N	28.830	E	11					17	TURKEY. <ISK>. MD 3.5 (ISK).
05	22	43	33.3*	37.113	N	69.976	E	33	N	4.1		1.0	11	AFGHANISTAN-TAJIKISTAN BORD REG.
05	23	19	36.3&	34.535	S	71.100	W	70					9	NEAR COAST OF CENTRAL CHILE. <GUC>.
05	23	38	36.0*	18.799	S	173.373	W	33	N	4.8	4.9	1.2	52	TONGA ISLANDS. Mw 5.5 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 23:38:39.5; Lat 18.83 S; Lon 174.15 W; Dep 15.0 Fix; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=2.35, Plg=43, Azm=295; (N) Val=-0.20, Plg=7, Azm=32; (P) Val=-2.15, Plg=46, Azm=130; Best double couple: Mo=2.2*10**17 Nm; NP1: Strike=317, Dip=8, Slip=-165; NP2: Strike=212, Dip=88, Slip=-83.
06	00	43	03.7*	15.593	N	120.166	E	100	G	3.9		0.7	10	LUZON, PHILIPPINE ISLANDS
06	01	04	06.7	19.175	S	168.189	E	33	N	4.8		0.9	53	VANUATU ISLANDS
06	01	16	05.6*	23.024	S	169.494	E	33	N	5.0		0.9	23	LOYALTY ISLANDS REGION
06	01	23	13.4&	44.569	N	8.627	E	10					58	NORTHERN ITALY. <GEN>. ML 3.5 (STR), 3.2 (GEN), 3.2 (LDG).
06	02	12	38.1*	36.081	N	66.484	E	33	N	4.2		1.1	13	HINDU KUSH REGION, AFGHANISTAN
06	02	18	12.4*	59.818	S	27.936	W	100	G			1.2	9	SOUTH SANDWICH ISLANDS REGION
06	02	33	56.0&	31.356	S	71.574	W	36					13	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.0 (GUC).

06	02	47	28.9&	31.823	S	70.276	W	131					8	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.6 (GUC).
06	03	28	56.5&	37.150	N	3.620	W	0	G				17	SPAIN. <MDD>. mbLg 2.3 (MDD). Felt (III) at Granada.
06	04	16	39.7*	30.615	S	179.749	W	150	G	4.4		1.0	16	KERMADEC ISLANDS REGION
06	04	23	07.1&	44.200	N	6.320	E	5	G				15	FRANCE. <STR>. ML 2.3 (LDG), 2.1 (STR).
06	04	41	56.3	36.926	N	70.043	E	33	N	4.8		1.3	86	HINDU KUSH REGION, AFGHANISTAN
06	04	55	57.7?	7.45	S	128.32	E	107	?	4.2		1.3	13	BANDA SEA
06	06	15	04.1&	35.694	S	71.016	W	123					7	CENTRAL CHILE. <GUC>.
06	06	40	09.1&	44.380	N	7.328	E	10					9	NORTHERN ITALY. <GEN>. ML 2.0 (GEN).
06	06	40	48.4&	45.400	N	2.400	E	2					5	FRANCE. <LDG>. ML 2.0 (LDG).
06	06	59	47.4&	39.538	N	29.574	E	11					5	TURKEY. <ISK>. MD 2.6 (ISK).
06	07	08	17.9	43.141	N	126.464	W	10	G	3.6		0.6	86	OFF COAST OF OREGON
06	07	13	00.6&	31.922	S	72.072	W	27					10	OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.3 (GUC).
06	07	42	38.1&	47.300	N	9.500	E	2					14	GERMANY. <LDG>. ML 2.6 (STR), 2.5 (LDG).
06	08	28	53.9*	13.911	N	144.611	E	179	*	4.4		1.0	27	MARIANA ISLANDS
06	08	56	23.8&	39.613	N	29.434	E	10	G				5	TURKEY. <ISK>. MD 2.6 (ISK).
06	09	09	23.4&	40.843	N	28.247	E	13					7	TURKEY. <ISK>. MD 2.7 (ISK).
06	09	27	28.9&	7.696	N	82.184	W	4					7	SOUTH OF PANAMA. <UPA>. MD 3.8 (UPA).
06	09	37	48.0&	43.100	N	0.300	W	2					22	PYRENEES. <LDG>. ML 3.3 (LDG). mbLg 2.7 (MDD). Felt (III) at Asson, France.
06	10	02	15.4*	7.617	S	158.171	E	33	N	4.3		1.0	20	SOLOMON ISLANDS
06	10	03	57.6&	35.901	S	72.710	W	4					9	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.5 (GUC).
06	11	04	06.2&	37.150	N	3.550	W	0	G				10	SPAIN. <MDD>. mbLg 2.1 (MDD). Felt (II) at Granada.
06	11	06	27.1	30.379	N	89.286	E	33	N	4.8	4.1	1.2	70	XIZANG
06	11	13	08.3	30.372	N	89.221	E	33	N	4.8	4.5	1.1	66	XIZANG
06	11	21	04.6&	44.300	N	6.500	E	2					32	FRANCE. <LDG>. ML 2.7 (GEN), 2.4 (STR), 2.3 (LDG).
06	11	47	09.1&	33.053	S	70.785	W	79					10	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.2 (GUC).
06	12	08	39.1&	18.110	N	67.150	W	31					4	MONA PASSAGE. <MPR>. MD 2.4 (MPR).
06	12	16	07.0&	40.629	N	28.631	E	10	G				6	TURKEY. <ISK>. MD 2.7 (ISK).
06	12	16	18.8	36.562	S	73.199	W	24	D	5.0	4.6	1.0	74	NEAR COAST OF CENTRAL CHILE. Mw 5.3 (HRV). MD 4.7 (GUC). Centroid, Moment Tensor (HRV): Centroid origin time 12:16:22.2; Lat 36.56 S Fix; Lon 73.20 W Fix; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=9.61, Plg=56, Azm=103; (N) Val=-2.00, Plg=5, Azm=5; (P) Val=-7.61, Plg=34, Azm=272; Best double couple: Mo=8.6*10**16 Nm; NP1: Strike=341, Dip=12, Slip=65; NP2: Strike=186, Dip=79, Slip=95.
06	12	38	16.8*	35.255	N	140.697	E	33	N	4.2		1.2	15	NEAR EAST COAST OF HONSHU, JAPAN
06	13	34	01.5?	53.86	S	140.55	E	10	G	3.7		1.2	7	WEST OF MACQUARIE ISLAND
06	13	37	10.6	37.295	N	70.288	E	33	N	4.9	4.7	1.0	110	AFGHANISTAN-TAJIKISTAN BORD REG. Mw 5.1 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 13:37:11.4; Lat 37.21 N; Lon 69.91 E; Dep 33.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=4.62, Plg=10, Azm=109; (N) Val=0.52, Plg=77, Azm=249; (P) Val=-5.14, Plg=8, Azm=17; Best double couple: Mo=4.9*10**16 Nm; NP1: Strike=153, Dip=77, Slip=179; NP2: Strike=243, Dip=89, Slip=13.
06	13	43	37.5?	54.15	S	141.46	E	10	G	4.1		0.6	8	WEST OF MACQUARIE ISLAND
06	13	51	42.2&	42.160	N	8.060	W	0	G				5	SPAIN. <MDD>. mbLg 2.5 (MDD).
06	13	57	17.5&	42.110	N	8.140	W	9					6	SPAIN. <MDD>. mbLg 2.9 (MDD).
06	14	25	01.0	51.724	N	176.420	W	60		4.3		0.8	42	ANDREANOF ISLANDS, ALEUTIAN IS.
06	14	27	28.2?	38.63	S	178.45	E	33	N			0.6	11	OFF E. COAST OF N. ISLAND, N.Z. ML 3.8 (WEL).
06	14	57	32.0?	4.24	S	133.75	E	33	N	4.2		0.8	8	IRIAN JAYA REGION, INDONESIA
06	16	03	27.3&	38.420	N	2.960	W	1					8	SPAIN. <MDD>. mbLg 1.8 (MDD).
06	16	04	04.7	46.194	N	13.598	E	10	G			1.0	11	AUSTRIA. ML 2.7 (VIE), 2.3 (LJU), 2.2 (TRI).
06	16	09	59.0*	38.835	S	178.157	E	33	N			1.0	17	OFF E. COAST OF N. ISLAND, N.Z. ML 4.4 (WEL).
06	16	19	50.9*	51.682	N	16.161	E	5	G			1.1	6	POLAND. ML 2.7 (WAR).
06	16	21	22.4&	45.200	N	3.000	E	2					12	FRANCE. <LDG>. ML 2.5 (LDG), 2.2 (STR).
06	17	40	50.1	30.163	N	131.144	E	47	*	4.6		1.0	28	KYUSHU, JAPAN
06	17	47	08.9	49.827	N	153.136	E	224	D	4.5		0.8	99	KURIL ISLANDS
06	18	37	23.2&	33.372	S	71.927	W	21					12	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.9 (GUC).
06	18	49	15.9&	33.153	S	70.275	W	6					10	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.3 (GUC).
06	19	16	32.9*	22.201	N	125.564	E	33	N	3.7		1.1	13	SOUTHEAST OF TAIWAN
06	19	17	47.4&	39.311	N	27.635	E	10	G				6	TURKEY. <ISK>. MD 2.7 (ISK).
06	19	22	21.6&	33.046	S	68.724	W	19					14	MENDOZA PROVINCE, ARGENTINA. <GUC>. MD 4.2 (GUC).
06	20	18	57.6	50.479	N	18.875	E	5	G			1.2	8	POLAND. ML 3.0 (VIE), 2.9 (WAR).
06	21	01	26.2&	36.650	N	4.620	W	63					11	STRAIT OF GIBRALTAR. <MDD>.
06	21	14	44.1	46.084	N	14.769	E	10	G			0.2	6	NORTHWESTERN BALKAN REGION. ML 1.1 (LJU).
06	21	38	12.8	13.185	S	167.072	E	229	?	4.3		1.0	54	VANUATU ISLANDS
06	21	42	28.8*	24.468	S	179.717	W	500	G	4.3		1.0	37	SOUTH OF FIJI ISLANDS
06	21	50	34.0&	28.660	N	14.560	W	10		4.3			87	CANARY ISLANDS REGION. <MDD>. mbLg 3.8 (MDD).
06	21	59	26.5&	37.404	N	27.182	E	5					7	TURKEY. <ISK>. MD 3.6 (ISK).
06	22	22	39.2&	60.170	N	153.062	W	129					18	SOUTHERN ALASKA. <AEIC>.
06	22	29	27.3&	37.150	N	3.610	W	0	G				7	SPAIN. <MDD>. mbLg 1.6 (MDD).
06	22	33	10.1	37.024	N	70.081	E	33	N	4.6		1.1	58	AFGHANISTAN-TAJIKISTAN BORD REG.
06	23	22	02.6*	6.882	N	73.244	W	170	*			0.9	18	NORTHERN COLOMBIA
07	00	05	31.7	41.433	N	77.899	E	33	N	4.9	4.3	1.4	90	KYRGYZSTAN-XINJIANG BORDER REG. Mw 5.2 (HRV). Felt (V) at Karakol and Kara-Say; (II) at Kadzhi-Say and Naryn, Kyrgyzstan. Centroid, Moment Tensor (HRV): Centroid origin time 00:05:35.3; Lat 41.23 N; Lon 77.42 E; Dep 33.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=9.82, Plg=43, Azm=98; (N) Val=-3.35, Plg=18, Azm=350; (P) Val=-6.47, Plg=41, Azm=243; Best double couple: Mo=8.1*10**16 Nm; NP1: Strike=263, Dip=18, Slip=2; NP2: Strike=171, Dip=89, Slip=108.
07	00	11	12.8	47.198	N	151.452	E	141	D	4.6		0.9	135	KURIL ISLANDS
07	00	21	47.3*	51.485	N	16.041	E	5	G			0.8	9	POLAND. ML 3.2 (VIE), 3.2 (GRF).
07	00	30	22.1?	37.11	N	70.13	E	33	N	4.2		1.5	11	AFGHANISTAN-TAJIKISTAN BORD REG.
07	01	52	27.9&	37.160	N	3.650	W	0	G				11	SPAIN. <MDD>. mbLg 2.4 (MDD). Felt (II) at Granada.
07	01	57	15.7	44.507	N	11.125	E	10	G			0.7	11	NORTHERN ITALY. ML 2.9 (LDG).
07	02	35	49.4&	37.351	N	26.956	E	5					8	DODECANESE ISLANDS. <ISK>. MD 3.6 (ISK).
07	03	28	22.2*	43.429	N	12.513	E	10	G			0.7	8	CENTRAL ITALY. ML 2.8 (LDG).
07	03	52	48.9?	5.92	N	125.41	E	100	G	3.9		1.0	11	MINDANAO, PHILIPPINE ISLANDS

07	03	56	14.5	37.203	N	71.816	E	122	D	4.6	0.9	71	AFGHANISTAN-TAJIKISTAN BORD REG.
07	03	58	21.4*	55.728	S	130.329	W	33	N	4.3	0.9	14	PACIFIC-ANTARCTIC RIDGE
07	04	36	50.4&	32.911	S	70.071	W	115				9	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.5 (GUC).
07	04	51	26.6&	44.729	N	6.694	E	5				18	FRANCE. <GEN>. ML 2.5 (GEN), 2.2 (LDG).
07	05	07	23.9*	31.880	S	69.605	W	150	G		0.4	13	SAN JUAN PROVINCE, ARGENTINA. MD 3.9 (GUC).
07	06	40	19.7&	31.999	S	70.688	W	81				10	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.9 (GUC).
07	07	02	01.3*	1.157	N	124.441	E	179	?	4.7	1.0	16	MINAHASSA PENINSULA, SULAWESI
07	07	35	51.3&	35.191	S	70.627	W	0				10	CHILE-ARGENTINA BORDER REGION. <GUC>.
07	07	41	12.9*	10.787	S	161.996	E	80	?	4.1	1.0	20	SOLOMON ISLANDS
07	08	07	09.8&	54.956	N	160.016	W	38				12	ALASKA PENINSULA. <AEIC>. ML 3.0 (AEIC).
07	08	51	55.6&	44.454	N	6.421	E	0				16	FRANCE. <GEN>. ML 2.6 (GEN), 2.3 (LDG).
07	08	56	08.6?	36.92	N	70.60	E	33	N	4.4	1.4	12	HINDU KUSH REGION, AFGHANISTAN
07	09	12	06.2	37.102	N	30.585	E	105		4.0	0.9	34	TURKEY. MD 3.7 (ISK).
07	09	19	09.8	32.960	N	136.491	E	441		4.3	0.6	34	SOUTHEAST OF SHIKOKU, JAPAN
07	09	21	29.0*	23.086	N	142.422	E	230	?	4.0	1.2	17	VOLCANO ISLANDS REGION
07	09	27	05.7&	36.070	N	117.829	W	3				12	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 2.8 (PAS).
07	09	37	29.3&	18.180	N	67.000	W	35				4	MONA PASSAGE. <MPR>. MD 2.3 (MPR).
07	10	18	54.4*	33.500	N	142.601	E	33	N	3.8	0.6	9	OFF EAST COAST OF HONSHU, JAPAN
07	11	18	44.3&	59.815	N	153.809	W	152				45	SOUTHERN ALASKA. <AEIC>.
07	11	25	04.2&	59.799	N	152.337	W	75				37	SOUTHERN ALASKA. <AEIC>.
07	12	10	34.0&	16.431	N	61.003	W	29				13	LEEWARD ISLANDS. <FDF>. MG 3.4 (FDF).
07	12	14	13.4&	16.414	N	61.008	W	30				9	LEEWARD ISLANDS. <FDF>. MG 3.2 (FDF).
07	12	16	49.9&	39.641	N	29.378	E	10	G			4	TURKEY. <ISK>. MD 2.6 (ISK).
07	12	29	05.7&	33.051	S	70.608	W	93				9	CHILE-ARGENTINA BORDER REGION. <GUC>.
07	12	33	15.0&	32.317	S	70.570	W	92				7	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.6 (GUC).
07	12	57	15.7&	7.530	N	80.562	W	1				6	PANAMA. <UPA>. MD 3.8 (UPA).
07	13	24	58.0&	59.915	N	152.313	W	77				31	SOUTHERN ALASKA. <AEIC>.
07	13	45	49.2*	36.753	N	23.900	E	33	N		1.0	21	SOUTHERN GREECE
07	13	57	39.2&	50.400	N	4.500	E	2				6	BELGIUM. <LDG>. ML 2.1 (LDG), 1.8 (UCC).
07	14	40	52.6*	18.782	S	177.885	W	600	G	4.3	1.1	45	FIJI ISLANDS REGION
07	14	45	17.2&	34.632	S	70.751	W	111				10	CHILE-ARGENTINA BORDER REGION. <GUC>.
07	15	05	39.1?	23.53	N	122.28	E	33	N	4.2	1.3	11	TAIWAN REGION
07	16	04	59.3*	24.089	S	66.738	W	200	G	3.6	0.5	6	SALTA PROVINCE, ARGENTINA
07	16	10	46.2	31.518	S	67.833	W	113	D	5.6	0.9	322	SAN JUAN PROVINCE, ARGENTINA. Mw 5.9 (GS), 5.9 (HRV). Me 5.5 (GS). mb 5.8 (BRK). Broadband Source Parameters (GS): Dep 113; NP1: Strike=20, Dip=65, Slip=-35; NP2: Strike=126, Dip=59, Slip=-150; Radiated energy 4.3*10**12 Nm. Moment Tensor (GS): Dep 110; Principal axes (scale 10**17 Nm): (T) Val=8.74, Plg=1, Azm=88; (N) Val=-1.19, Plg=45, Azm=180; (P) Val=-7.55, Plg=45, Azm=357; Best double couple: Mo=8.1*10**17 Nm; NP1: Strike=143, Dip=59, Slip=-146; NP2: Strike=33, Dip=61, Slip=-36. Centroid, Moment Tensor (HRV): Centroid origin time 16:10:51.4; Lat 31.48 S; Lon 67.77 W; Dep 124.7; Half-duration 2.1 sec; Principal axes (scale 10**17 Nm): (T) Val=8.23, Plg=5, Azm=94; (N) Val=-0.51, Plg=41, Azm=188; (P) Val=-7.72, Plg=48, Azm=358; Best double couple: Mo=8.0*10**17 Nm; NP1: Strike=148, Dip=54, Slip=-145; NP2: Strike=36, Dip=62, Slip=-42.
07	16	14	00.7*	1.710	N	127.272	E	138	?	4.3	0.9	21	HALMAHERA, INDONESIA
07	16	14	23.8*	19.820	N	121.560	E	33	N	3.8	0.8	11	PHILIPPINE ISLANDS REGION
07	17	26	45.9&	40.582	N	28.864	E	10	G			9	TURKEY. <ISK>. MD 2.8 (ISK).
07	19	12	11.6*	37.941	N	136.840	E	259	*		1.4	9	NEAR WEST COAST OF HONSHU, JAPAN
07	19	21	09.7&	44.271	N	6.642	E	6				18	FRANCE. <GEN>. ML 2.5 (GEN), 2.2 (LDG).
07	19	59	36.6*	43.131	N	12.812	E	10	G		1.1	11	CENTRAL ITALY. ML 3.0 (VIE).
07	20	03	50.7&	40.908	N	28.049	E	14				7	TURKEY. <ISK>. MD 3.1 (ISK).
07	20	16	10.0&	14.397	N	61.105	W	17				10	WINDWARD ISLANDS. <FDF>. MD 3.1 (TRN).
07	20	58	24.7&	54.710	N	161.313	W	15				12	ALASKA PENINSULA. <AEIC>. ML 2.8 (AEIC).
07	21	19	48.6&	36.780	N	2.980	W	8				11	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.4 (MDD).
07	21	42	53.1&	33.540	S	72.066	W	7				12	OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.3 (GUC).
07	21	58	25.2&	34.114	S	70.476	W	13				7	CHILE-ARGENTINA BORDER REGION. <GUC>.
07	22	15	40.3*	11.780	N	143.278	E	33	N	4.0	1.1	11	SOUTH OF MARIANA ISLANDS
07	22	25	38.5	4.502	S	102.009	E	33	N	4.8	1.1	44	SOUTHERN SUMATERA, INDONESIA
07	22	38	10.3&	32.901	S	69.061	W	15				10	MENDOZA PROVINCE, ARGENTINA. <GUC>.
07	22	42	54.2	31.414	S	117.831	E	10	G		1.3	11	WESTERN AUSTRALIA
07	23	02	32.5*	36.108	N	139.833	E	73	*	4.3	1.1	19	EASTERN HONSHU, JAPAN. Felt (II JMA) in western Ibaraki, eastern Saitama and southern Tochigi; (I JMA) in Gumma, northern Chiba, southern Fukushima, eastern Ibaraki and eastern Kanagawa Prefectures. Also felt (I JMA) in the Tokyo area.
07	23	03	56.3*	51.645	N	16.142	E	5	G		0.9	7	POLAND. ML 2.6 (WAR).
07	23	20	13.9	15.959	N	93.776	W	87	D	5.8	1.0	468	NEAR COAST OF CHIAPAS, MEXICO. Mw 6.3 (GS), 6.3 (HRV). Me 6.2 (GS). Felt in much of southern Mexico. Broadband Source Parameters (GS): Dep 75; NP1: Strike=147, Dip=90, Slip=60; NP2: Strike=57, Dip=30, Slip=180; Radiated energy 4.1*10**13 Nm. Moment Tensor (GS): Dep 73; Principal axes (scale 10**18 Nm): (T) Val=2.74, Plg=40, Azm=52; (N) Val=-0.02, Plg=7, Azm=148; (P) Val=-2.72, Plg=49, Azm=246; Best double couple: Mo=2.7*10**18 Nm; NP1: Strike=89, Dip=8, Slip=-149; NP2: Strike=328, Dip=86, Slip=-83. Centroid, Moment Tensor (HRV): Centroid origin time 23:20:18.5; Lat 15.96 N; Lon 93.99 W; Dep 75.5; Half-duration 3.4 sec; Principal axes (scale 10**18 Nm): (T) Val=2.61, Plg=46, Azm=54; (N) Val=0.14, Plg=0, Azm=324; (P) Val=-2.75, Plg=44, Azm=234; Best double couple: Mo=2.7*10**18 Nm; NP1: Strike=316, Dip=1, Slip=82; NP2: Strike=144, Dip=89, Slip=90.
07	23	23	41.3?	19.96	S	177.66	W	500	G	4.5	0.9	12	FIJI ISLANDS REGION
07	23	39	04.8*	15.896	N	93.785	W	86	D	4.7	1.3	34	NEAR COAST OF CHIAPAS, MEXICO
08	00	19	52.5	42.740	N	149.150	E	29	D	4.3	0.9	23	OFF COAST OF HOKKAIDO, JAPAN
08	00	31	24.2&	60.211	N	152.998	W	107		4.3		48	SOUTHERN ALASKA. <AEIC>.

08	00	37	18.3*	10.600	S	112.808	E	33	N	3.4	0.7	10	SOUTH OF JAWA, INDONESIA
08	01	59	29.7	46.340	N	13.797	E	5	G		1.1	16	AUSTRIA. ML 2.5 (VIE).
08	02	06	04.3*	5.183	S	151.726	E	33	N	4.2	0.7	12	NEW BRITAIN REGION, P.N.G.
08	02	37	04.9?	22.42	N	143.47	E	33	N	4.6	1.0	12	VOLCANO ISLANDS REGION
08	02	43	05.8&	35.813	S	71.536	W	125				10	CENTRAL CHILE. <GUC>. MD 2.8 (GUC).
08	03	01	23.3*	31.441	S	117.688	E	10	G		0.5	5	WESTERN AUSTRALIA
08	03	28	14.2?	18.93	S	178.34	W	600	G	4.2	0.5	14	FIJI ISLANDS REGION
08	03	55	14.4&	37.590	N	118.797	W	7				62	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. Mw 3.8 (BRK). MD 3.8 (GM). ML 3.9 (BRK). Moment Tensor (BRK): Dep 8; Principal axes (scale 10**14 Nm): (T) Val=4.79, Plg=22, Azm=239; (N) Val=0.00, Plg=39, Azm=130; (P) Val=-4.79, Plg=43, Azm=351; Best double couple: Mo=4.8*10**14 Nm; NP1: Strike=119, Dip=77, Slip=-130; NP2: Strike=15, Dip=42, Slip=-19.
08	05	39	05.8&	40.825	N	28.186	E	10	G		1.2	8	TURKEY
08	05	46	37.1*	4.867	S	133.417	E	33	N	4.1	1.2	14	IRIAN JAYA REGION, INDONESIA
08	05	52	08.2?	31.65	S	68.90	W	100	G		1.1	12	SAN JUAN PROVINCE, ARGENTINA. MD 3.4 (GUC).
08	06	01	20.1*	52.177	N	170.029	W	33	N	3.5	1.0	7	FOX ISLANDS, ALEUTIAN ISLANDS
08	06	39	12.1&	44.560	N	146.934	E	33	N		1.1	12	KURIL ISLANDS
08	07	09	03.7	6.897	S	131.129	E	35		5.1	1.2	63	TANIMBAR ISLANDS REG., INDONESIA
08	07	21	54.2*	16.011	N	93.754	W	78	D	3.8	1.3	15	CHIAPAS, MEXICO
08	07	36	24.5*	51.777	N	170.170	W	33	N	4.0	0.9	14	FOX ISLANDS, ALEUTIAN ISLANDS. ML 3.7 (AEIC).
08	07	47	59.3	37.051	N	141.039	E	69	D	4.1	1.3	29	NEAR EAST COAST OF HONSHU, JAPAN. Felt (II JMA) in eastern Fukushima and northern Ibaraki; (I JMA) in western Ibaraki and southern Tochigi Prefectures.
08	07	53	33.3	39.541	N	27.635	E	10	G		0.5	12	TURKEY
08	08	07	05.3&	60.987	N	150.988	W	53				21	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.9 (AEIC), 3.4 (PMR).
08	08	52	58.6*	81.304	N	4.845	W	10	G	4.0	1.1	8	NORTH OF SVALBARD
08	08	55	54.5&	60.045	N	152.754	W	103				16	SOUTHERN ALASKA. <AEIC>.
08	08	57	08.9&	60.075	N	152.562	W	87				15	SOUTHERN ALASKA. <AEIC>.
08	09	00	50.5&	34.040	S	71.645	W	34				9	NEAR COAST OF CENTRAL CHILE. <GUC>.
08	09	24	12.0?	17.15	S	173.77	W	33	N		1.0	7	TONGA ISLANDS
08	09	24	18.2&	32.875	S	69.576	W	150				10	MENDOZA PROVINCE, ARGENTINA. <GUC>. MD 2.7 (GUC).
08	09	55	19.5	42.322	N	43.546	E	33	N	4.5	1.2	32	NORTHWESTERN CAUCASUS
08	10	23	51.0&	37.180	N	3.610	W	0	G			8	SPAIN. <MDD>. mbLg 1.9 (MDD). Felt (II) at Maracena.
08	10	55	34.8?	6.71	S	154.93	E	33	N	4.0	1.0	10	SOLOMON ISLANDS
08	11	04	49.9&	34.831	S	71.146	W	91				5	NEAR COAST OF CENTRAL CHILE. <GUC>.
08	11	57	42.0	31.411	S	117.842	E	10	G		0.7	7	WESTERN AUSTRALIA
08	12	02	46.2&	18.190	N	66.540	W	66				11	PUERTO RICO REGION. <MPR>. MD 3.6 (MPR).
08	12	55	27.5*	46.165	N	15.910	E	10	G		0.3	6	NORTHWESTERN BALKAN REGION. ML 2.6 (VIE).
08	12	56	38.6*	23.722	S	66.511	W	221	*	4.1	0.9	20	JUJUY PROVINCE, ARGENTINA
08	13	14	33.9*	41.996	S	88.583	E	10	G	4.9 5.2	1.3	26	SOUTHEAST INDIAN RIDGE. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 13:14:42.4; Lat 41.54 S; Lon 88.41 E; Dep 15.0 Fix; Half-duration 1.1 sec; Principal axes (scale 10**17 Nm): (T) Val=1.33, Plg=10, Azm=353; (N) Val=-0.03, Plg=69, Azm=235; (P) Val=-1.30, Plg=18, Azm=86; Best double couple: Mo=1.3*10**17 Nm; NP1: Strike=128, Dip=70, Slip=-6; NP2: Strike=220, Dip=85, Slip=-160.
08	13	58	46.8&	18.970	N	67.400	W	20				6	MONA PASSAGE. <MPR>. MD 3.0 (MPR).
08	15	06	29.3&	37.515	N	8.689	W	5	G		0.9	17	PORTUGAL. mbLg 2.9 (MDD).
08	15	26	52.2	5.797	S	146.646	E	33	N	4.4	1.0	21	EASTERN NEW GUINEA REG., P.N.G.
08	15	49	42.1?	12.73	N	124.83	E	33	N	4.4	0.7	10	SAMAR, PHILIPPINE ISLANDS
08	16	08	05.9&	36.091	N	117.597	W	0				51	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 3.9 (PAS), 4.2 (BRK), 3.7 (GS).
08	16	15	26.9&	33.267	S	70.388	W	0				10	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.4 (GUC).
08	17	20	55.0&	35.925	N	117.758	W	7				27	CENTRAL CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 2.9 (GS).
08	17	38	18.2&	35.924	N	117.757	W	7				14	CENTRAL CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
08	17	40	07.3*	1.637	N	100.335	E	33	N		0.4	7	NORTHERN SUMATERA, INDONESIA
08	18	17	28.9&	11.258	N	61.604	W	5				5	WINDWARD ISLANDS. <TRN>. MD 3.5 (TRN). Felt (II) in northern Trinidad.
08	18	17	39.2	37.434	N	29.628	E	9			0.5	13	TURKEY
08	18	38	31.2&	61.500	N	151.962	W	6				18	SOUTHERN ALASKA. <AEIC>. ML 2.7 (AEIC), 3.0 (PMR).
08	18	45	37.5*	15.625	N	94.123	W	80	D	3.7	1.2	16	NEAR COAST OF OAXACA, MEXICO
08	18	49	07.5&	31.977	N	114.883	W	6	G			12	GULF OF CALIFORNIA. <PAS-P>. ML 3.2 (PAS).
08	18	52	27.6*	2.978	N	127.799	E	33	N	3.3	0.5	6	NORTHERN MOLUCCA SEA
08	19	07	57.3*	18.872	N	145.747	E	274	?	4.4	0.7	14	MARIANA ISLANDS
08	19	11	45.6&	61.496	N	151.954	W	8				14	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
08	19	59	52.7	0.207	S	124.395	E	66	*	4.6	1.1	22	SOUTHERN MOLUCCA SEA
08	20	21	49.6?	16.98	S	178.85	W	400	G	4.0	0.6	14	FIJI ISLANDS REGION
08	22	06	47.6&	8.480	N	82.283	W	7				8	PANAMA-COSTA RICA BORDER REGION. <UPA>. MD 3.9 (UPA).
08	22	20	43.4&	36.680	N	4.700	W	0	G			13	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.2 (MDD).
08	23	24	19.4	46.433	N	15.206	E	5	G		1.0	6	NORTHWESTERN BALKAN REGION. ML 2.1 (VIE).
08	23	58	11.4*	52.422	N	169.170	W	33	N		1.2	14	FOX ISLANDS, ALEUTIAN ISLANDS
09	00	12	46.4?	52.60	N	169.07	W	33	N		0.8	7	FOX ISLANDS, ALEUTIAN ISLANDS
09	00	34	41.9	80.832	N	89.984	W	10	G	4.3	1.3	32	QUEEN ELIZABETH ISLANDS, CANADA
09	00	41	27.0*	30.986	S	179.059	W	222	*	4.4	1.1	20	KERMADEC ISLANDS REGION
09	00	41	36.0	37.633	N	118.800	W	5	G		0.6	8	CALIFORNIA-NEVADA BORDER REGION. ML 2.8 (GS).
09	00	49	12.9*	31.421	S	117.708	E	10	G		0.6	5	WESTERN AUSTRALIA
09	00	50	45.8?	51.93	N	179.24	E	61	?	3.6	1.5	8	RAT ISLANDS, ALEUTIAN ISLANDS
09	01	00	51.0	27.975	S	135.821	E	10	G	4.5	1.3	16	SOUTH AUSTRALIA
09	01	40	32.8&	32.172	S	71.656	W	45				13	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.0 (GUC).
09	02	01	38.2	52.966	N	159.754	E	42	D	4.7	0.8	67	OFF EAST COAST OF KAMCHATKA. Felt (II) at Petropavlovsk-Kamchatskiy.
09	02	09	45.4	16.003	N	93.758	W	81	D	4.8	1.0	150	CHIAPAS, MEXICO
09	02	09	48.3?	52.36	N	175.07	W	33	N	3.3	0.3	9	ANDREANOF ISLANDS, ALEUTIAN IS.
09	02	26	43.6&	37.913	N	122.285	W	6				14	CENTRAL CALIFORNIA. <GM-P>. MD 2.5 (GM). ML 2.5 (BRK). Felt at Albany, Berkeley, El Cerrito and Kensington.
09	02	55	49.0&	59.387	N	152.132	W	57				37	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
09	03	31	52.2&	38.340	N	1.300	W	0				18	SPAIN. <MDD>. mbLg 2.8 (MDD).
09	03	45	20.3*	39.033	N	26.628	E	10	G		0.5	7	TURKEY
09	04	09	24.8&	33.928	S	71.368	W	48				7	NEAR COAST OF CENTRAL CHILE. <GUC>.
09	04	15	38.3*	15.782	N	93.796	W	150	G	4.2	0.9	10	NEAR COAST OF CHIAPAS, MEXICO

09	04	43	32.8	5.512	S	146.906	E	141		5.0	0.7	75	EASTERN NEW GUINEA REG., P.N.G. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 04:43:36.4; Lat 5.50 S; Lon 146.75 E; Dep 174.8; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=7.32, Plg=11, Azm=85; (N) Val=0.60, Plg=10, Azm=353; (P) Val=-7.92, Plg=75, Azm=221; Best double couple: Mo=7.6*10**16 Nm; NP1: Strike=187, Dip=36, Slip=-73; NP2: Strike=347, Dip=56, Slip=-102.
09	05	07	43.7*	50.022	N	18.511	E	5	G		0.6	5	POLAND. ML 3.2 (VIE), 2.9 (WAR).
09	05	14	44.6&	36.071	N	117.624	W	0				36	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 3.2 (PAS), 3.2 (GS).
09	05	24	40.1&	37.589	N	118.795	W	7		4.8		137	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. Mw 4.9 (BRK). ML 5.1 (GM), 5.2 (BRK). Felt in the Bishop-Mammoth Lakes area, California. Also felt at June Lake, Oakhurst and Pollock Pines, California. Moment Tensor (BRK): Dep 5; Principal axes (scale 10**16 Nm): (T) Val=2.43, Plg=18, Azm=256; (N) Val=0.00, Plg=67, Azm=34; (P) Val=-2.43, Plg=15, Azm=161; Best double couple: Mo=2.4*10**16 Nm; NP1: Strike=29, Dip=88, Slip=23; NP2: Strike=298, Dip=67, Slip=178.
09	05	34	29.8*	10.302	S	116.474	E	33	N	3.5	0.8	6	SOUTH OF SUMBAWA, INDONESIA
09	05	58	53.7?	36.98	N	70.15	E	33	N	3.3	0.5	7	HINDU KUSH REGION, AFGHANISTAN
09	06	03	00.0?	37.13	N	69.88	E	33	N		1.3	7	AFGHANISTAN-TAJIKISTAN BORD REG.
09	06	09	13.9&	31.863	S	71.441	W	39				8	NEAR COAST OF CENTRAL CHILE. <GUC>.
09	06	15	45.2	3.376	S	138.111	E	52		4.8	1.0	52	IRIAN JAYA, INDONESIA
09	07	09	58.0*	23.399	N	92.537	E	33	N		0.6	8	INDIA-BANGLADESH BORDER REGION
09	07	26	29.0&	37.580	N	118.780	W	7				8	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM). ML 2.8 (GS).
09	07	31	47.4&	37.591	N	118.796	W	7				9	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM). ML 2.9 (GS).
09	08	06	50.3	58.843	N	142.834	W	10	G		0.9	39	GULF OF ALASKA. ML 2.6 (AEIC).
09	08	14	54.1&	53.023	N	143.076	E	33	N		1.1	7	SAKHALIN ISLAND. Felt (IV) at Russa.
09	08	19	53.7	41.987	N	8.122	W	10	G		0.9	6	PORTUGAL. mbLg 2.7 (MDD).
09	08	23	38.4&	31.660	S	69.924	W	145				4	SAN JUAN PROVINCE, ARGENTINA. <GUC>.
09	08	29	34.2&	37.586	N	118.789	W	8				22	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM). ML 3.0 (BRK).
09	08	45	45.4&	37.582	N	118.793	W	5	G			50	CALIFORNIA-NEVADA BORDER REGION. <BRK>. ML 3.8 (BRK), 3.8 (GM).
09	08	49	43.0&	34.480	S	70.403	W	5				10	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.1 (GUC).
09	08	53	51.0&	44.750	N	73.720	W	5				6	NEW YORK. <PAL-P>. MD 3.3 (PAL). mbLg 3.4 (OTT), 3.1 (GS). Felt at Cadyville, Dannemora and Plattsburgh.
09	09	55	39.4&	10.544	N	62.277	W	4				4	NEAR COAST OF VENEZUELA. <TRN>. MD 3.4 (TRN).
09	10	01	46.8&	31.315	S	69.645	W	188				10	SAN JUAN PROVINCE, ARGENTINA. <GUC>. MD 3.1 (GUC).
09	10	05	41.7	12.034	S	166.622	E	33	N	4.8	1.0	39	SANTA CRUZ ISLANDS
09	10	27	21.3&	59.494	N	152.957	W	88		2.5		60	SOUTHERN ALASKA. <AEIC>.
09	10	39	43.9&	32.368	S	70.658	W	81				10	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.5 (GUC).
09	11	05	15.6&	62.471	N	152.252	W	15				25	CENTRAL ALASKA. <AEIC>. ML 2.3 (AEIC).
09	11	13	40.4*	12.090	S	75.213	W	75	*	4.6	1.0	29	CENTRAL PERU
09	12	04	55.3	18.868	S	173.309	W	33	N	5.2 5.4	1.0	102	TONGA ISLANDS. Mw 5.5 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 12:04:58.5; Lat 19.11 S; Lon 172.59 W; Dep 15.0 Bdy; Half-duration 1.4 sec; Principal axes (scale 10**17 Nm): (T) Val=2.22, Plg=73, Azm=259; (N) Val=0.01, Plg=11, Azm=27; (P) Val=-2.23, Plg=13, Azm=120; Best double couple: Mo=2.2*10**17 Nm; NP1: Strike=224, Dip=34, Slip=109; NP2: Strike=21, Dip=59, Slip=78.
09	12	09	38.0&	31.516	S	69.593	W	162				11	SAN JUAN PROVINCE, ARGENTINA. <GUC>. MD 3.6 (GUC).
09	12	14	07.8*	32.544	N	134.311	E	33	N	3.6	1.1	10	SHIKOKU, JAPAN
09	13	24	37.9&	37.582	N	118.786	W	5				13	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.1 (GM). ML 3.0 (BRK).
09	13	30	09.8&	37.586	N	118.801	W	6				55	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.7 (GM). ML 3.9 (BRK).
09	14	05	22.0*	53.282	N	142.677	E	33	N	3.9	1.4	17	SAKHALIN ISLAND. Felt (VI) at Russa and (IV) at Okha.
09	15	07	57.1&	7.364	N	80.943	W	0				4	PANAMA. <UPA>. MD 3.8 (UPA).
09	15	16	17.1	11.598	S	165.072	E	33	N	5.0 4.6	0.9	59	SANTA CRUZ ISLANDS
09	15	22	10.0*	43.060	N	12.870	E	10	G		0.9	17	CENTRAL ITALY. ML 3.3 (LDG), 3.2 (TRI).
09	15	33	19.6?	51.53	N	179.36	W	33	N	3.6	1.0	6	ANDREANOF ISLANDS, ALEUTIAN IS.
09	15	39	45.8*	55.643	N	161.577	E	102	*	4.2	0.7	18	NEAR EAST COAST OF KAMCHATKA
09	15	45	58.8	23.876	N	135.439	E	33	N	4.7 3.7	1.1	35	PHILIPPINE SEA
09	17	25	42.5*	51.255	N	16.085	E	5	G		0.7	7	POLAND. ML 3.0 (VIE).
09	17	53	01.2*	48.382	N	17.198	E	10	G		0.8	7	CZECH AND SLOVAK REPUBLICS. ML 2.8 (VIE).
09	18	33	39.8&	32.599	S	71.429	W	22				10	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.6 (GUC).
09	18	42	58.5&	60.113	N	153.124	W	126		4.4		168	SOUTHERN ALASKA. <AEIC>. Felt at Birchwood.
09	19	10	54.4&	37.582	N	118.776	W	7				14	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.1 (GM).
09	19	30	28.0&	16.020	N	61.098	W	34				9	LEEWARD ISLANDS. <FDF>. MG 2.9 (FDF).
09	20	10	21.8&	59.406	N	153.011	W	91				87	SOUTHERN ALASKA. <AEIC>.
09	20	16	17.2&	33.152	S	70.263	W	5				11	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.3 (GUC).
09	20	30	58.7	48.456	N	14.059	E	10	G		1.2	19	AUSTRIA. ML 2.9 (VIE), 2.8 (FUR), 2.7 (GRF). Felt (IV) at Eferding.
09	20	33	34.0?	46.59	N	153.02	E	33	N	4.3	0.8	10	KURIL ISLANDS
09	21	21	54.8&	33.170	S	70.310	W	4				9	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.3 (GUC).
09	22	20	08.4*	46.433	N	15.185	E	10	G		0.7	5	NORTHWESTERN BALKAN REGION. ML 2.1 (VIE).
09	22	26	36.0?	51.46	N	16.03	E	5	G		0.9	5	POLAND
09	22	52	33.4*	20.005	S	66.747	E	10	G	4.8 4.7	1.3	36	MAURITIUS-REUNION REGION. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 22:52:39.9; Lat 20.21 S; Lon 66.40 E; Dep 15.0 Fix; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=1.43, Plg=19, Azm=13; (N) Val=-0.25, Plg=70, Azm=180; (P) Val=-1.18, Plg=4, Azm=281; Best double couple: Mo=1.3*10**17 Nm; NP1: Strike=55, Dip=74, Slip=169; NP2: Strike=148, Dip=79, Slip=17.
09	23	30	39.2*	36.142	S	72.808	W	33	N		0.2	9	NEAR COAST OF CENTRAL CHILE
09	23	56	20.9	23.069	S	169.712	E	33	N	5.0 4.9	1.1	70	LOYALTY ISLANDS REGION. Mw 5.3 (HRV).

													Centroid, Moment Tensor (HRV): Centroid origin time 23:56:23.3; Lat 22.89 S; Lon 169.49 E; Dep 25.9; Half-duration 1.1 sec; Principal axes (scale 10**16 Nm): (T) Val=7.84, Plg=3, Azm=27; (N) Val=1.79, Plg=9, Azm=118; (P) Val=-9.63, Plg=80, Azm=280; Best double couple: Mo=8.7*10**16 Nm; NP1: Strike=107, Dip=43, Slip=-104; NP2: Strike=306, Dip=49, Slip=-78.
10	00	06	59.3*	22.969	S	169.243	E	33	N	4.0	0.9	17	LOYALTY ISLANDS REGION
10	00	22	08.0	23.044	S	169.764	E	33	N	5.2 4.8	1.1	59	LOYALTY ISLANDS REGION. Mw 5.3 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 00:22:10.2; Lat 23.00 S Fix; Lon 169.70 E Fix; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=7.79, Plg=26, Azm=229; (N) Val=1.71, Plg=15, Azm=326; (P) Val=-9.50, Plg=59, Azm=82; Best double couple: Mo=8.6*10**16 Nm; NP1: Strike=288, Dip=23, Slip=-131; NP2: Strike=151, Dip=73, Slip=-75.
10	00	24	41.6?	21.51	S	169.62	E	33	N	4.7	1.1	14	LOYALTY ISLANDS REGION
10	00	30	15.2&	44.800	N	7.400	E	2				6	NORTHERN ITALY. <LDG>. ML 1.7 (LDG).
10	00	44	10.4*	15.494	N	119.802	E	100	G	4.1	1.0	11	LUZON, PHILIPPINE ISLANDS
10	00	48	15.2&	31.547	S	69.541	W	161				8	SAN JUAN PROVINCE, ARGENTINA. <GUC>. MD 2.6 (GUC).
10	01	49	11.3*	51.055	N	176.920	W	33	N	4.2	1.0	10	ANDREANOF ISLANDS, ALEUTIAN IS.
10	01	50	02.3*	45.237	N	149.082	E	100	G	4.4	1.2	16	KURIL ISLANDS
10	01	57	50.6*	5.239	S	151.617	E	33	N	4.7	0.8	13	NEW BRITAIN REGION, P.N.G.
10	02	58	23.0	51.555	N	16.171	E	5	G		0.7	36	POLAND. ML 4.1 (GRF), 4.0 (FUR), 4.0 (VIE).
10	03	12	34.4&	29.896	S	72.852	W	33	N			10	OFF COAST OF CENTRAL CHILE. <GUC>. MD 4.4 (GUC).
10	03	18	03.4	19.044	N	121.234	E	33	N	4.9 4.9	1.0	104	PHILIPPINE ISLANDS REGION. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 03:18:06.0; Lat 19.19 N; Lon 121.02 E; Dep 30.8; Half-duration 1.3 sec; Principal axes (scale 10**17 Nm): (T) Val=1.66, Plg=72, Azm=137; (N) Val=-0.16, Plg=3, Azm=39; (P) Val=-1.50, Plg=18, Azm=308; Best double couple: Mo=1.6*10**17 Nm; NP1: Strike=33, Dip=27, Slip=84; NP2: Strike=220, Dip=63, Slip=93.
10	03	22	24.5*	0.636	N	99.316	E	99	*	4.2	0.8	12	NORTHERN SUMATERA, INDONESIA
10	03	43	44.4?	23.12	S	169.54	E	33	N		1.3	14	LOYALTY ISLANDS REGION
10	03	57	39.4*	19.188	N	121.442	E	33	N	4.3	1.0	17	PHILIPPINE ISLANDS REGION
10	04	57	33.2&	61.804	N	149.734	W	12				58	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC), 2.8 (PMR). Felt (II) at Willow.
10	05	51	10.4	31.450	S	117.693	E	10	G		0.5	6	WESTERN AUSTRALIA
10	05	56	13.1?	51.52	N	16.11	E	5	G		0.9	7	POLAND. ML 3.6 (VIE).
10	06	39	34.0&	29.520	S	71.853	W	33	N			8	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.9 (GUC).
10	06	45	21.0	30.876	S	71.206	W	69		4.6	0.9	48	NEAR COAST OF CENTRAL CHILE. MD 4.9 (GUC). Felt (V) at Punitaqui and Ovalle; (IV) at Monte Patria; (III) at Combarbala, Coquimbo, Hurtado, La Serena and Paihuano.
10	07	04	06.7&	35.660	S	71.547	W	108				12	CENTRAL CHILE. <GUC>. MD 2.9 (GUC).
10	07	17	21.7	33.845	N	135.380	E	54	D	3.9	0.6	16	NEAR S. COAST OF WESTERN HONSHU. Felt (II JMA) in Wakayama and (I JMA) in Osaka, southern Aichi, southern Hyogo and parts of Nara and Mie Prefectures. Also felt (I JMA) in eastern Tokushima Prefecture, Shikoku.
10	07	27	42.4?	37.58	S	177.71	E	200	G	3.1	0.7	14	OFF E. COAST OF N. ISLAND, N.Z.
10	07	46	37.4&	37.593	N	118.797	W	8				15	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM).
10	08	30	13.7	28.275	N	58.544	E	88	D	5.1	0.9	177	SOUTHERN IRAN. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 08:30:16.2; Lat 28.00 N; Lon 58.52 E; Dep 105.6; Half-duration 1.1 sec; Principal axes (scale 10**17 Nm): (T) Val=1.29, Plg=39, Azm=26; (N) Val=0.06, Plg=9, Azm=289: (P) Val=-1.34, Plg=50, Azm=188; Best double couple: Mo=1.3*10**17 Nm; NP1: Strike=167, Dip=10, Slip=-32; NP2: Strike=288, Dip=85, Slip=-99.
10	09	12	58.4?	22.91	S	179.83	E	600	G	4.0	0.7	11	SOUTH OF FIJI ISLANDS
10	09	56	15.2?	15.29	S	175.14	W	33	N	4.4	0.3	6	TONGA ISLANDS
10	10	28	07.5*	22.285	N	120.826	E	33	N		0.9	9	TAIWAN
10	10	28	19.9&	37.590	N	118.808	W	7				12	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM).
10	10	38	32.4&	58.346	N	153.738	W	59				53	KODIAK ISLAND REGION. <AEIC>. ML 3.0 (AEIC).
10	11	45	15.2&	44.500	N	6.400	E	2				16	FRANCE. <LDG>. ML 2.2 (LDG), 2.1 (STR).
10	12	11	35.7?	24.43	S	71.23	W	59	?		1.1	7	OFF COAST OF NORTHERN CHILE
10	12	30	46.1*	6.053	S	148.375	E	81	?	4.4	1.0	14	NEW BRITAIN REGION, P.N.G.
10	12	52	15.8*	48.230	N	15.014	E	10	G		1.4	6	AUSTRIA. ML 2.1 (VIE).
10	13	36	04.7*	26.557	S	70.749	W	33	N	4.4	0.9	18	NEAR COAST OF NORTHERN CHILE
10	14	33	51.1&	35.040	S	71.188	W	93				12	CENTRAL CHILE. <GUC>.
10	15	02	16.9&	37.590	N	118.786	W	7				20	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. ML 3.0 (GM), 3.0 (BRK).
10	15	17	03.4&	37.591	N	118.805	W	7				10	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM). ML 3.1 (GS).
10	15	25	36.6&	31.314	S	69.086	W	217				13	SAN JUAN PROVINCE, ARGENTINA. <GUC>. MD 3.3 (GUC).
10	15	48	50.3*	9.292	S	125.458	E	100	G	3.9	0.6	11	TIMOR REGION, INDONESIA
10	16	13	54.9&	32.346	S	71.569	W	39				9	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.7 (GUC).
10	16	36	08.7&	37.577	N	118.781	W	6				9	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM). ML 3.0 (GS).
10	17	25	37.2	12.005	S	166.626	E	147	*	4.7	0.8	50	SANTA CRUZ ISLANDS
10	18	37	52.3&	45.300	N	6.800	E	2				7	FRANCE. <LDG>. ML 2.2 (LDG).
10	19	42	00.8&	42.400	N	0.000	E	2				4	PYRENEES. <LDG>. ML 2.2 (LDG).
10	19	43	45.1*	39.779	N	24.022	E	10	G		0.3	5	AEGEAN SEA
10	19	53	03.7&	37.590	N	118.814	W	7				14	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. ML 2.9 (GM), 3.0 (BRK), 3.1 (GS).
10	19	57	55.6	43.056	N	12.787	E	10	G		1.1	45	CENTRAL ITALY. ML 3.8 (VIE), 3.7 (TRI), 3.3 (LDG).
10	20	06	24.2*	37.108	S	177.282	E	323		3.7	0.5	15	OFF E. COAST OF N. ISLAND, N.Z.
10	20	18	39.8&	34.068	S	70.442	W	107				7	CHILE-ARGENTINA BORDER REGION. <GUC>.
10	20	22	57.9&	44.500	N	6.400	E	2				5	FRANCE. <LDG>. ML 1.9 (LDG).
10	20	35	10.2*	8.559	S	113.073	E	150	G	3.9	1.3	10	JAWA, INDONESIA
10	20	36	19.7&	59.921	N	152.196	W	70				96	SOUTHERN ALASKA. <AEIC>. ML 3.6 (AEIC), 3.5 (PMR).
10	20	47	22.0*	5.134	N	125.641	E	128	*	3.7	0.6	10	MINDANAO, PHILIPPINE ISLANDS
10	20	50	42.7*	5.309	S	152.054	E	33	N	4.7	0.8	24	NEW BRITAIN REGION, P.N.G.

10	20	51	42.8&	38.801	N	122.810	W	5					11	NORTHERN CALIFORNIA. <GM-P>. ML 2.9 (GM), 3.0 (GS).
10	20	57	58.9?	13.44	N	91.40	W	33	N	3.5		0.6	7	NEAR COAST OF GUATEMALA
10	21	01	27.0&	33.587	S	71.175	W	62					10	NEAR COAST OF CENTRAL CHILE. <GUC>.
10	21	09	26.6*	44.371	N	6.951	E	10	G			0.7	5	FRANCE. ML 1.8 (LDG).
10	22	03	37.6	29.875	N	128.229	E	320	*	4.1		1.1	26	NORTHWEST OF RYUKYU ISLANDS
10	22	06	34.9&	31.313	S	70.182	W	161					12	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.5 (GUC).
10	22	21	14.0&	31.392	S	69.797	W	177					13	SAN JUAN PROVINCE, ARGENTINA. <GUC>. MD 3.5 (GUC).
10	22	30	48.0	55.013	N	165.320	W	172	D	4.6		0.9	40	FOX ISLANDS, ALEUTIAN ISLANDS
10	22	36	23.3*	5.075	S	147.319	E	150	G	4.4		0.9	11	EASTERN NEW GUINEA REG., P.N.G.
10	22	40	17.3	18.730	S	169.116	E	272	D	4.9		0.8	149	VANUATU ISLANDS. Mw 5.3 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 22:40:13.9; Lat 18.99 S; Lon 169.26 E; Dep 264.6; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=7.81, Plg=72, Azm=15; (N) Val=1.44, Plg=5, Azm=119; (P) Val=-9.25, Plg=18, Azm=211; Best double couple: Mo=8.5*10**16 Nm; NP1: Strike=309, Dip=28, Slip=101; NP2: Strike=117, Dip=63, Slip=85.
10	22	56	32.8&	33.846	S	72.064	W	7					9	OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.4 (GUC).
10	23	32	41.5	46.200	N	13.580	E	10	G			1.2	63	AUSTRIA. ML 3.9 (GRF), 3.7 (VIE), 3.7 (FUR), 3.4 (TRI), 3.2 (LJU).
10	23	39	01.0&	31.018	S	71.772	W	14					10	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.9 (GUC).
10	23	58	40.6?	17.80	S	168.17	E	33	N	4.2		0.8	9	VANUATU ISLANDS. Felt at Port-Vila.
11	01	53	11.0	44.678	N	148.349	E	33	N	4.6		0.8	63	KURIL ISLANDS. Felt (III) at Kurilsk.
11	02	07	41.3?	9.58	S	113.76	E	33	N	3.3		1.2	6	SOUTH OF JAWA, INDONESIA
11	02	42	44.3&	47.750	N	7.790	E	5	G				7	SWITZERLAND. <STR>. ML 1.7 (LDG), 1.2 (STR).
11	02	43	08.9&	62.283	N	151.036	W	72					39	CENTRAL ALASKA. <AEIC>.
11	03	46	31.7&	54.377	N	162.877	W	55					17	ALASKA PENINSULA. <AEIC>. ML 3.0 (AEIC).
11	04	31	04.9?	22.08	S	174.21	E	33	N	4.5		1.2	20	LOYALTY ISLANDS REGION
11	05	08	32.1	12.197	N	141.123	E	33	N	4.8	3.7	1.3	44	SOUTH OF MARIANA ISLANDS
11	05	22	44.5	29.509	N	139.569	E	309	*	4.6		0.9	77	SOUTH OF HONSHU, JAPAN
11	05	40	09.4*	5.760	N	149.512	E	33	N	4.6		0.8	19	E. CAROLINE ISLANDS, MICRONESIA
11	06	33	29.0&	37.585	N	118.784	W	8					51	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. Mw 4.2 (BRK). ML 4.3 (GM), 4.3 (BRK). Moment Tensor (BRK): Dep 5; Principal axes (scale 10**15 Nm): (T) Val=2.01, Plg=32, Azm=37; (N) Val=0.00, Plg=17, Azm=296; (P) Val=-2.01, Plg=53, Azm=183; Best double couple: Mo=2.0*10**15 Nm; NP1: Strike=293, Dip=79, Slip=-107; NP2: Strike=171, Dip=20, Slip=-34.
11	06	40	21.1&	37.585	N	118.785	W	9					20	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.2 (GM). ML 3.2 (BRK).
11	06	47	34.8&	37.584	N	118.784	W	9					15	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM). ML 3.0 (BRK).
11	06	55	52.2&	31.453	S	71.606	W	28					10	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.0 (GUC).
11	08	21	41.8	55.248	N	163.898	E	33	N	4.3		0.5	17	OFF EAST COAST OF KAMCHATKA
11	09	00	31.2&	31.550	S	71.824	W	22					7	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.8 (GUC).
11	09	07	13.9&	32.469	S	71.291	W	45					12	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.2 (GUC).
11	09	29	01.0&	33.960	S	71.345	W	53					13	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.2 (GUC).
11	09	49	45.7	51.380	N	178.810	W	33	N	4.1		1.1	37	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.1 (PMR).
11	10	02	48.4?	37.00	N	21.00	E	33	N			1.1	11	SOUTHERN GREECE
11	10	47	39.7*	37.940	N	76.052	E	33	N	4.1		0.7	16	SOUTHERN XINJIANG, CHINA
11	13	26	11.1*	37.305	N	70.048	E	33	N	3.6		1.5	9	AFGHANISTAN-TAJIKISTAN BORD REG.
11	13	26	33.0	37.496	N	29.635	E	10	G			0.6	18	TURKEY
11	13	42	30.5*	54.331	S	5.602	E	10	G	4.5	3.7	0.7	11	BOUVET ISLAND REGION
11	14	36	08.2*	17.538	S	179.105	W	550	G	4.5		0.6	21	FIJI ISLANDS REGION
11	14	38	12.6	45.108	N	11.247	E	10	G			0.8	15	NORTHERN ITALY. ML 3.4 (VIE), 3.0 (LDG).
11	14	55	04.8&	33.147	S	70.269	W	6					12	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.4 (GUC).
11	15	14	41.1*	37.439	S	17.698	W	10	G	4.6		1.5	14	SOUTHERN MID-ATLANTIC RIDGE
11	15	39	27.1&	32.829	S	71.445	W	16					11	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.0 (GUC).
11	16	09	44.2*	7.220	N	37.170	W	10	G			1.0	8	CENTRAL MID-ATLANTIC RIDGE
11	16	56	03.5&	37.589	N	118.797	W	8					19	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.2 (GM). ML 3.2 (BRK).
11	17	18	52.7&	41.050	N	0.450	W	15					7	SPAIN. <MDD>. mbLg 2.3 (MDD).
11	17	52	18.8&	47.700	N	2.800	W	2					17	FRANCE. <LDG>. ML 3.1 (LDG).
11	18	45	44.9?	22.48	N	92.47	E	100	G	4.0		0.8	7	INDIA-BANGLADESH BORDER REGION
11	18	48	51.7?	52.02	N	172.57	W	33	N			0.8	4	ANDREANOF ISLANDS, ALEUTIAN IS.
11	19	19	08.4*	13.829	N	145.961	E	33	N	3.8		1.1	11	MARIANA ISLANDS
11	19	34	51.5?	37.36	N	70.08	E	33	N	3.9		0.9	6	AFGHANISTAN-TAJIKISTAN BORD REG.
11	19	42	13.0?	31.81	S	68.29	W	150	G			0.7	11	SAN JUAN PROVINCE, ARGENTINA. MD 3.4 (GUC).
11	20	27	00.1*	39.302	N	143.252	E	33	N	4.3		1.4	16	OFF EAST COAST OF HONSHU, JAPAN
11	20	30	44.2	6.554	S	124.995	E	590		4.9		0.8	52	BANDA SEA
11	20	30	50.8?	15.06	S	173.37	W	33	N			0.8	5	TONGA ISLANDS
11	20	46	30.7&	61.395	N	151.607	W	82					66	SOUTHERN ALASKA. <AEIC>.
11	21	28	31.4&	59.918	N	153.257	W	126					37	SOUTHERN ALASKA. <AEIC>.
11	21	39	53.0*	47.401	N	154.002	E	100	G			1.2	15	KURIL ISLANDS
11	21	49	42.7	46.526	N	10.510	E	10	G			1.4	20	NORTHERN ITALY. ML 2.6 (VIE).
11	21	58	25.7*	57.537	S	147.648	E	10	G	4.0		1.1	10	WEST OF MACQUARIE ISLAND
11	22	03	36.6&	54.356	N	161.478	W	0					11	ALASKA PENINSULA. <AEIC>. ML 3.0 (AEIC).
11	22	37	22.5&	36.800	N	4.220	W	0	G				12	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.0 (MDD).
11	22	44	18.5*	38.646	N	69.851	E	33	N	3.9		1.0	17	TAJIKISTAN
11	23	09	10.9	24.904	N	109.405	W	10	G	4.7	4.7	1.0	88	GULF OF CALIFORNIA. Mw 5.3 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 23:09:14.6; Lat 25.19 N; Lon 109.74 W; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**17 Nm): (T) Val=1.05, Plg=1, Azm=278; (N) Val=0.00, Plg=68, Azm=11; (P) Val=-1.06, Plg=22, Azm=188; Best double couple: Mo=1.0*10**17 Nm; NP1: Strike=325, Dip=74, Slip=-165; NP2: Strike=231, Dip=76, Slip=-17.
11	23	29	36.2&	32.614	S	71.716	W	15					10	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.4 (GUC).
12	00	22	41.2*	60.104	S	26.644	W	33	N	4.5		1.1	13	SOUTH SANDWICH ISLANDS REGION
12	00	29	33.6	48.299	N	155.615	E	33	N	5.0	4.3	0.9	203	KURIL ISLANDS. Mw 5.1 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 00:29:36.0; Lat 47.98 N; Lon 155.62 E; Dep 30.7; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T)

													Val=4.59, Plg=66, Azm=225; (N) Val=-0.60, Plg=8, Azm=334; (P) Val=-3.98, Plg=22, Azm=68; Best double couple: Mo=4.3*10**16 Nm; NP1: Strike=173, Dip=24, Slip=111; NP2: Strike=331, Dip=68, Slip=81.
12	00	42	53.3&	42.180	N	8.130	W	0	G			4	SPAIN. <MDD>. mbLg 1.7 (MDD).
12	00	43	07.6&	35.108	S	71.280	W	88				10	CENTRAL CHILE. <GUC>. MD 2.6 (GUC).
12	01	23	40.2?	25.62	N	108.91	W	10	G	3.6	1.3	7	GULF OF CALIFORNIA
12	01	35	03.2?	31.50	S	68.49	W	150	G		0.9	13	SAN JUAN PROVINCE, ARGENTINA. MD 3.3 (GUC).
12	01	55	27.1*	10.736	N	62.591	W	81	*		0.6	12	NEAR COAST OF VENEZUELA. MD 3.4 (TRN).
12	02	12	55.3&	37.587	N	118.783	W	8				11	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM).
12	03	13	50.5&	33.952	S	70.654	W	99				12	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.1 (GUC).
12	03	19	30.2&	54.533	N	160.732	W	0				44	ALASKA PENINSULA. <AEIC>. ML 4.0 (AEIC).
12	03	45	07.9&	42.140	N	8.180	W	0	G			6	SPAIN. <MDD>. mbLg 2.7 (MDD).
12	03	56	42.7&	46.300	N	2.600	E	2				5	FRANCE. <LDG>. ML 1.7 (LDG).
12	04	04	23.0&	31.307	S	71.449	W	31				14	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.3 (GUC).
12	04	18	29.9	47.310	N	10.990	E	10	G		1.1	12	AUSTRIA. ML 2.6 (FUR), 2.6 (LDG), 2.5 (VIE).
12	06	02	55.5*	22.482	S	67.531	W	152	?		1.3	8	CHILE-BOLIVIA BORDER REGION
12	06	25	01.0&	32.493	S	71.287	W	69				7	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 2.1 (GUC).
12	06	31	42.1&	37.160	N	3.630	W	0	G			13	SPAIN. <MDD>. mbLg 2.7 (MDD). Felt (III) at Granada.
12	06	32	33.0&	36.308	N	120.523	W	16				22	CENTRAL CALIFORNIA. <GM-P>. MD 3.3 (GM). ML 3.2 (PAS), 3.1 (BRK).
12	06	50	25.2&	63.442	N	151.064	W	11				8	CENTRAL ALASKA. <AEIC>. ML 2.4 (AEIC), 2.7 (PMR).
12	07	04	58.4&	36.311	N	120.521	W	16				17	CENTRAL CALIFORNIA. <GM-P>. MD 3.1 (GM). ML 3.1 (PAS).
12	07	14	37.3*	36.318	N	23.123	E	33	N	4.0	1.4	23	SOUTHERN GREECE
12	07	46	24.2&	18.970	N	64.850	W	45				5	VIRGIN ISLANDS. <MPR>. MD 3.4 (MPR).
12	08	16	44.6%	39.387	N	28.276	E	10	G		0.6	9	TURKEY
12	08	21	25.8&	37.580	N	118.786	W	8				20	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.1 (GM). ML 3.0 (BRK).
12	08	55	55.0&	30.999	S	71.601	W	60				8	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.2 (GUC).
12	08	59	37.1&	32.992	S	70.143	W	6				8	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.1 (GUC).
12	09	03	40.2*	25.436	N	129.271	E	33	N		1.2	9	SOUTHEAST OF RYUKYU ISLANDS
12	09	19	47.8	35.114	N	26.864	E	33	N	4.2	1.2	47	CRETE. ML 4.1 (CSS).
12	09	33	07.6&	19.060	N	64.730	W	50				7	VIRGIN ISLANDS. <MPR>. MD 3.5 (MPR).
12	10	03	55.7?	51.58	N	159.46	E	33	N		0.8	5	OFF EAST COAST OF KAMCHATKA
12	10	41	23.7&	52.533	N	167.607	W	8				5	FOX ISLANDS, ALEUTIAN ISLANDS. <AEIC>. ML 2.6 (AEIC).
12	11	18	56.2&	60.848	N	151.573	W	77		4.3		96	KENAI PENINSULA, ALASKA. <AEIC>. Felt at Anchorage, Birchwood, Kenai, Palmer and Soldotna.
12	12	12	31.6	33.278	N	140.926	E	33	N	4.6	0.9	33	SOUTH OF HONSHU, JAPAN. Felt (II JMA) on Hachijo-jima.
12	12	28	33.0	31.366	S	118.039	E	10	G	3.1	0.8	9	WESTERN AUSTRALIA
12	12	38	38.3&	32.648	S	70.594	W	90				12	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.0 (GUC).
12	13	25	11.5?	51.16	N	179.52	E	66	?	4.2	0.5	5	RAT ISLANDS, ALEUTIAN ISLANDS
12	13	37	28.0&	15.803	N	60.752	W	19				7	LEEWARD ISLANDS. <FDF>. MG 2.7 (FDF).
12	13	38	29.8	51.236	N	179.536	E	61	*	4.1	1.1	33	RAT ISLANDS, ALEUTIAN ISLANDS. ML 4.7 (PMR).
12	13	41	05.0*	51.333	N	179.013	W	33	N	4.2	1.1	29	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.6 (PMR).
12	13	47	29.5*	37.257	S	17.138	W	10	G	5.1 4.6	1.1	46	SOUTHERN MID-ATLANTIC RIDGE. Mw 5.1 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 13:47:33.3; Lat 37.43 S; Lon 17.07 W; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=4.01, Plg=9, Azm=85; (N) Val=1.28, Plg=9, Azm=354; (P) Val=-5.29, Plg=77, Azm=218; Best double couple: Mo=4.7*10**16 Nm; NP1: Strike=187, Dip=37, Slip=-74; NP2: Strike=347, Dip=55, Slip=-102.
12	14	29	34.2&	29.521	S	71.320	W	68				13	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.0 (GUC).
12	14	50	32.1	21.861	N	125.790	E	33	N	3.1	0.3	11	SOUTHEAST OF TAIWAN
12	15	21	35.1	46.230	N	13.700	E	10	G		1.1	21	AUSTRIA. ML 3.3 (VIE), 3.1 (FUR), 2.8 (LJU).
12	16	11	30.5&	30.630	S	71.502	W	15				13	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.0 (GUC).
12	16	14	27.1*	15.936	N	145.584	E	300	G	3.0	0.8	10	MARIANA ISLANDS
12	17	02	46.0*	37.880	N	138.608	E	39	*	4.1	0.5	10	NEAR WEST COAST OF HONSHU, JAPAN. Felt (I JMA) in northern Ishikawa and parts of Niigata Prefectures.
12	17	09	16.2%	3.720	N	77.229	W	33	N		0.8	7	NEAR WEST COAST OF COLOMBIA. ML 3.3 (RSNC).
12	17	10	37.8*	1.927	N	126.663	E	100	G	4.5	1.0	23	NORTHERN MOLUCCA SEA
12	17	24	43.6?	37.24	N	68.87	E	33	N	3.9	1.2	6	AFGHANISTAN-TAJIKISTAN BORD REG.
12	17	32	50.0?	14.94	S	176.92	W	33	N	3.4	0.7	8	FIJI ISLANDS REGION
12	18	26	13.6%	38.015	N	140.053	E	33	N		0.8	6	EASTERN HONSHU, JAPAN
12	18	57	16.3&	59.984	N	152.353	W	95		4.7		104	SOUTHERN ALASKA. <AEIC>. Felt (IV) at Kenai and Soldotna; (III) at Anchorage, Birchwood, Seward and Wasilla; (II) at Palmer.
12	19	25	21.1&	31.193	S	71.634	W	26				12	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.1 (GUC).
12	19	27	36.5	21.774	S	179.588	W	601	D	4.9	0.8	139	FIJI ISLANDS REGION. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 19:27:39.6; Lat 21.91 S; Lon 179.27 W; Dep 604.5; Half-duration 1.1 sec; Principal axes (scale 10**17 Nm): (T) Val=1.26, Plg=42, Azm=95; (N) Val=0.19, Plg=15, Azm=199; (P) Val=-1.45, Plg=44, Azm=304; Best double couple: Mo=1.4*10**17 Nm; NP1: Strike=112, Dip=15, Slip=-177; NP2: Strike=19, Dip=89, Slip=-75.
12	20	24	37.1	49.092	N	128.688	W	10	G	3.8	0.7	69	VANCOUVER ISLAND REGION. ML 4.2 (PGC).
12	20	51	01.7	24.804	S	179.829	E	502	D	5.2	0.9	177	SOUTH OF FIJI ISLANDS. Mw 5.5 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 20:51:06.4; Lat 24.75 S; Lon 179.96 E; Dep 508.4; Half-duration 1.3 sec; Principal axes (scale 10**17 Nm): (T) Val=1.66, Plg=36, Azm=102; (N) Val=0.05, Plg=0, Azm=192; (P) Val=-1.70, Plg=54, Azm=282; Best double couple: Mo=1.7*10**17 Nm; NP1: Strike=191, Dip=9, Slip=-91; NP2: Strike=12, Dip=81, Slip=-90.
12	21	01	17.9	11.637	S	166.291	E	100	G	5.0	1.0	42	SANTA CRUZ ISLANDS. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 21:01:10.4; Lat 11.60 S; Lon 166.30 E; Dep 73.1; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=7.32, Plg=66, Azm=342; (N) Val=1.13, Plg=19, Azm=203; (P) Val=-8.45, Plg=15, Azm=108; Best double couple: Mo=7.9*10**16 Nm; NP1: Strike=173, Dip=34, Slip=55; NP2: Strike=33, Dip=62, Slip=111.

12	21	53	00.0	5.724	S	147.889	E	140	D	5.7	0.9	301	EASTERN NEW GUINEA REG., P.N.G. Mw 5.8 (GS), 5.8 (HRV). Me 5.3 (GS). Broadband Source Parameters (GS): Dep 140; NP1: Strike=350, Dip=55, Slip=105; NP2: Strike=145, Dip=38, Slip=70; Radiated energy 1.9*10**12 Nm. Moment Tensor (GS): Dep 121; Principal axes (scale 10**17 Nm): (T) Val=4.51, Plg=74, Azm=5; (N) Val=0.73, Plg=12, Azm=141; (P) Val=-5.24, Plg=11, Azm=234; Best double couple: Mo=4.9*10**17 Nm; NP1: Strike=339, Dip=36, Slip=111; NP2: Strike=133, Dip=57, Slip=76. Centroid, Moment Tensor (HRV): Centroid origin time 21:53:04.1; Lat 5.90 S; Lon 148.05 E; Dep 144.9; Half-duration 1.9 sec; Principal axes (scale 10**17 Nm): (T) Val=5.30, Plg=77, Azm=25; (N) Val=-0.22, Plg=5, Azm=139; (P) Val=-5.08, Plg=12, Azm=230; Best double couple: Mo=5.2*10**17 Nm; NP1: Strike=327, Dip=34, Slip=99; NP2: Strike=136, Dip=57, Slip=84.
12	22	00	40.1&	42.060	N	8.050	W	0	G			44	SPAIN. <MDD>. ML 3.7 (LDG). mbLg 3.5 (MDD).
12	23	25	46.2	34.572	N	23.806	E	33	N		0.8	18	CRETE
13	01	08	09.5?	5.86	S	105.63	E	165	?	4.0	0.9	13	SUNDA STRAIT
13	01	18	03.6*	44.317	N	10.432	E	10	G		0.8	10	NORTHERN ITALY. ML 2.6 (LDG).
13	01	23	19.2&	32.282	S	71.543	W	11				9	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.3 (GUC).
13	01	29	57.2*	6.093	S	147.802	E	67	*	4.4	0.8	16	EASTERN NEW GUINEA REG., P.N.G.
13	01	34	00.5&	32.594	S	70.347	W	101				8	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.5 (GUC).
13	01	50	21.7	45.363	N	150.364	E	58	*	4.8	1.1	93	KURIL ISLANDS
13	02	04	07.7	2.580	S	140.407	E	33	N	4.1	1.0	18	NEAR NORTH COAST OF IRIAN JAYA
13	02	23	43.8	27.785	N	53.690	E	33	N	4.6 3.8	0.7	92	SOUTHERN IRAN. Felt in Fars Province.
13	02	36	36.9&	18.530	N	67.470	W	26				4	MONA PASSAGE. <MPR>. MD 2.7 (MPR).
13	03	30	33.2	44.469	N	10.190	E	10	G		0.6	10	NORTHERN ITALY. ML 2.5 (LDG).
13	03	34	41.5?	9.31	S	113.09	E	33	N	3.8	0.9	5	SOUTH OF JAWA, INDONESIA
13	04	09	36.0&	38.360	N	0.860	W	0	G			34	SPAIN. <MDD>. ML 3.0 (LDG). mbLg 2.7 (MDD). Felt (III) at Crevillente.
13	04	21	12.5	5.748	S	130.140	E	196		4.9	1.2	51	BANDA SEA
13	04	26	35.5&	17.750	N	64.140	W	30				9	VIRGIN ISLANDS. <MPR>. MD 3.6 (MPR).
13	05	04	23.5*	5.170	S	153.464	E	76	*	4.2	0.8	16	NEW IRELAND REGION, P.N.G.
13	05	52	21.5*	27.111	S	178.188	W	239	?	4.4	0.9	24	KERMADEC ISLANDS REGION
13	07	13	10.6*	5.483	S	153.458	E	33	N	3.9	1.0	6	NEW IRELAND REGION, P.N.G.
13	08	13	43.7&	63.400	N	151.330	W	10				40	CENTRAL ALASKA. <AEIC>. ML 3.7 (AEIC), 4.0 (PMR).
13	08	27	18.8	51.523	N	16.039	E	5	G		0.6	26	POLAND. ML 4.2 (GRF), 3.9 (VIE).
13	08	29	10.9	39.283	N	20.705	E	10	G	4.1	1.4	22	GREECE-ALBANIA BORDER REGION
13	08	36	29.8&	16.905	N	61.891	W	6				6	LEEWARD ISLANDS. <FDF>. MG 3.0 (FDF).
13	09	33	56.3&	19.480	N	66.360	W	48				11	PUERTO RICO REGION. <MPR>. MD 3.9 (MPR).
13	10	40	42.3*	34.291	N	25.506	E	33	N	3.7	1.1	6	CRETE
13	10	55	27.8&	7.128	N	78.541	W	24				5	PANAMA. <UPA>. MD 3.7 (UPA).
13	11	10	46.0*	37.334	N	69.957	E	33	N	4.3	1.4	15	AFGHANISTAN-TAJIKISTAN BORD REG.
13	13	13	46.3?	11.27	S	118.29	E	33	N	3.8	1.3	6	SOUTH OF SUMBAWA, INDONESIA
13	13	57	09.1&	9.992	N	78.752	W	35				6	PANAMA. <UPA>. MD 3.4 (UPA).
13	14	42	55.5&	59.847	N	153.527	W	131				29	SOUTHERN ALASKA. <AEIC>.
13	15	50	52.4	27.536	N	55.171	E	33	N	4.3	1.0	31	SOUTHERN IRAN
13	17	44	41.9&	33.181	S	70.308	W	6				8	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.3 (GUC).
13	17	45	58.4&	37.590	N	118.798	W	8				8	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM).
13	17	48	24.2	14.930	S	167.353	E	127	*	4.3	0.9	41	VANUATU ISLANDS
13	18	08	44.2&	33.143	S	70.264	W	8				12	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.3 (GUC).
13	18	28	40.9&	61.574	N	146.394	W	32				42	SOUTHERN ALASKA. <AEIC>. ML 2.8 (AEIC), 3.0 (PMR).
13	18	39	14.0	39.173	S	176.267	E	79		3.8	0.8	17	NORTH ISLAND, NEW ZEALAND. Felt at Taupo.
13	18	40	18.0	46.239	N	13.733	E	10	G		1.0	19	AUSTRIA. ML 2.9 (VIE), 2.5 (LJU).
13	18	43	44.2&	9.035	N	77.986	W	73				6	NEAR NORTH COAST OF COLOMBIA. <UPA>. MD 3.7 (UPA).
13	19	07	47.2&	34.261	S	71.869	W	32				13	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.3 (GUC).
13	19	14	07.7&	37.871	N	121.821	W	17				21	CENTRAL CALIFORNIA. <GM-P>. MD 3.2 (GM). ML 3.1 (BRK). Felt at Napa.
13	20	18	15.6?	20.01	S	178.14	W	600	G	4.2	1.0	19	FIJI ISLANDS REGION
13	20	48	13.5&	53.356	N	162.486	W	10		4.3		32	SOUTH OF ALASKA. <AEIC>. ML 3.8 (AEIC).
13	21	27	24.0	18.221	S	177.978	W	600	G	4.3	0.9	27	FIJI ISLANDS REGION
13	21	57	47.8	39.692	N	25.831	E	10	G		0.4	8	AEGEAN SEA
13	21	59	23.8*	41.135	N	34.327	E	10	G	3.8	1.0	7	TURKEY
13	22	05	07.5*	58.842	S	25.677	W	33	N		0.6	9	SOUTH SANDWICH ISLANDS REGION
13	22	20	50.0&	44.300	N	6.600	E	2				49	FRANCE. <LDG>. ML 3.1 (STR), 3.0 (LDG).
13	22	39	20.8&	63.284	N	151.266	W	7				32	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC), 2.9 (PMR).
13	22	59	57.0*	20.752	S	179.002	W	600	G	3.7	1.0	15	FIJI ISLANDS REGION
13	23	00	41.1&	63.408	N	151.308	W	11				27	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC), 2.9 (PMR).
13	23	11	48.5&	37.190	N	3.600	W	0	G			7	SPAIN. <MDD>. mbLg 1.7 (MDD).
13	23	26	03.4?	13.76	N	50.89	E	10	G		1.3	8	EASTERN GULF OF ADEN
14	00	04	10.1&	37.170	N	4.040	W	0	G			12	SPAIN. <MDD>. mbLg 2.0 (MDD).
14	00	06	50.2?	37.91	N	69.68	E	33	N		1.6	9	AFGHANISTAN-TAJIKISTAN BORD REG.
14	00	07	23.7*	39.726	N	20.609	E	10	G		1.2	11	GREECE-ALBANIA BORDER REGION. ML 3.4 (ROM).
14	00	26	54.9	6.897	S	155.502	E	33	N	4.3	0.9	31	SOLOMON ISLANDS
14	00	27	56.6&	36.380	N	3.620	W	0	G			9	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.3 (MDD).
14	00	46	18.4&	36.700	N	4.290	W	0	G			6	STRAIT OF GIBRALTAR. <MDD>. mbLg 1.6 (MDD).
14	01	16	05.2*	46.267	N	13.551	E	10	G		0.7	7	AUSTRIA. ML 2.4 (VIE).
14	01	36	23.5*	5.787	S	104.790	E	95	D	4.8	1.0	22	SOUTHERN SUMATERA, INDONESIA
14	02	01	08.5*	30.543	N	138.524	E	400	G	4.0	1.0	23	SOUTH OF HONSHU, JAPAN
14	02	01	57.8&	60.344	N	152.501	W	87				18	SOUTHERN ALASKA. <AEIC>.
14	02	45	03.3&	31.911	S	72.038	W	39				6	OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.4 (GUC).
14	03	04	43.4	51.715	N	175.934	W	47		4.5	0.9	43	ANDREANOF ISLANDS, ALEUTIAN IS.
14	03	05	01.8	6.694	S	130.659	E	93		4.9	1.0	52	BANDA SEA
14	03	31	56.4&	37.586	N	118.788	W	8				12	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM).
14	04	20	28.9&	37.584	N	118.789	W	8				18	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM). ML 3.0 (BRK).
14	04	20	39.0	38.421	N	12.511	E	10	G		1.0	30	SICILY. ML 3.6 (LDG).
14	04	30	15.3&	31.212	S	71.833	W	23				7	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.9 (GUC).
14	04	30	45.5&	37.587	N	118.787	W	8				9	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM).
14	04	42	37.1?	2.94	N	129.77	E	134	?	4.2	1.6	12	HALMAHERA, INDONESIA
14	05	27	31.7?	37.90	N	74.96	E	200	G	4.1	0.7	10	TAJIKISTAN-XINJIANG BORDER REG.

14	06	10	35.4*	23.287	N	122.000	E	33	N			0.9	10	TAIWAN REGION
14	06	13	05.4*	23.718	S	67.168	W	200	G			0.9	5	CHILE-ARGENTINA BORDER REGION
14	06	14	22.3&	33.962	S	70.238	W	9					10	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.0 (GUC).
14	06	15	53.9*	40.233	N	25.650	E	10	G			0.8	9	AEGEAN SEA
14	06	54	38.4&	32.681	S	71.632	W	23					8	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 2.9 (GUC).
14	06	57	46.2&	42.130	N	8.090	W	0	G				5	SPAIN. <MDD>. mbLg 2.6 (MDD).
14	07	18	39.2&	10.639	N	62.388	W	95					8	NEAR COAST OF VENEZUELA. <TRN>. MD 3.7 (TRN).
14	07	55	14.5&	37.200	N	4.040	W	0					12	SPAIN. <MDD>. mbLg 2.1 (MDD).
14	08	09	21.1?	14.70	N	91.17	W	33	N	4.0		0.5	7	GUATEMALA
14	08	44	43.1&	32.173	S	71.866	W	28					6	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.3 (GUC).
14	09	01	54.0	12.513	N	141.517	E	33	D	5.0		0.9	63	SOUTH OF MARIANA ISLANDS. Mw 5.0 (HRV).
														Centroid, Moment Tensor (HRV): Centroid origin time 09:01:56.3; Lat 12.49 N; Lon 141.29 E; Dep 26.0; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=3.77, Plg=3, Azm=154; (N) Val=-0.26, Plg=16, Azm=63; (P) Val=-3.51, Plg=74, Azm=255; Best double couple: Mo=3.6*10**16 Nm; NP1: Strike=259, Dip=44, Slip=-67; NP2: Strike=49, Dip=50, Slip=-111.
14	09	03	41.7&	32.194	S	71.825	W	20					12	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.0 (GUC).
14	09	07	50.7?	12.49	N	141.94	E	33	N			0.8	6	SOUTH OF MARIANA ISLANDS
14	09	19	45.7&	33.701	S	70.580	W	93					11	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 1.9 (GUC).
14	09	26	28.5&	32.183	S	71.855	W	24					12	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.8 (GUC).
14	09	48	16.0*	38.435	N	12.538	E	10	G			1.3	11	SICILY. ML 3.3 (LDG).
14	09	56	13.5&	42.870	N	0.880	W	2	G				6	PYRENEES. <STR>. ML 2.0 (LDG), 1.6 (STR).
14	10	00	41.6?	0.31	N	98.99	E	100	G	3.4		1.1	8	NORTHERN SUMATERA, INDONESIA
14	10	55	15.7	61.002	N	166.779	E	10	G	4.7		0.8	45	EASTERN SIBERIA, RUSSIA
14	10	58	16.4&	18.440	N	67.430	W	2					6	MONA PASSAGE. <MPR>. MD 2.6 (MPR).
14	10	58	43.2*	42.973	N	145.340	E	44	D	4.5		1.1	22	HOKKAIDO, JAPAN REGION
14	11	17	26.5?	32.76	N	60.26	E	33	N	3.9		1.1	9	NORTHERN IRAN
14	11	21	38.6	24.899	N	122.862	E	100	G	4.2		0.8	18	TAIWAN REGION
14	12	00	59.5*	35.530	S	178.561	E	300	G	3.6		1.0	19	OFF E. COAST OF N. ISLAND, N.Z.
14	12	56	45.9&	37.320	N	1.890	W	3					11	SPAIN. <MDD>. mbLg 2.3 (MDD).
14	13	17	08.0	35.372	N	140.520	E	45		5.5	5.3	0.9	326	NEAR EAST COAST OF HONSHU, JAPAN. Mw 5.7 (GS), 5.7 (HRV). Felt (III JMA) in Chiba and southern Ibaraki; (II JMA) in parts of Ibaraki, Kanagawa, Nagano, Niigata, Saitama and Tochigi Prefectures. Also felt (II JMA) in the Tokyo area. Felt from northeastern Fukushima Prefecture south to Miyake-jima.
														Moment Tensor (GS): Dep 17; Principal axes (scale 10**17 Nm): (T) Val=3.60, Plg=38, Azm=301; (N) Val=0.00, Plg=3, Azm=33; (P) Val=-3.60, Plg=52, Azm=127; Best double couple: Mo=3.6*10**17 Nm; NP1: Strike=11, Dip=8, Slip=-112; NP2: Strike=213, Dip=83, Slip=-87.
														Centroid, Moment Tensor (HRV): Centroid origin time 13:17:08.1; Lat 35.34 N; Lon 140.72 E; Dep 23.0 Fix; Half-duration 2.0 sec; Principal axes (scale 10**17 Nm): (T) Val=4.36, Plg=28, Azm=302; (N) Val=0.04, Plg=3, Azm=34; (P) Val=-4.39, Plg=62, Azm=129; Best double couple: Mo=4.4*10**17 Nm; NP1: Strike=24, Dip=17, Slip=-100; NP2: Strike=215, Dip=73, Slip=-87.
14	13	22	04.0&	38.815	N	122.808	W	5					33	NORTHERN CALIFORNIA. <GM-P>. MD 3.3 (GM). ML 3.3 (BRK), 3.3 (GS).
14	13	29	38.4	41.021	N	125.628	W	10	G	4.1		0.6	125	OFF COAST OF NORTHERN CALIFORNIA. Mw 4.4 (BRK). ML 4.3 (GM), 4.1 (BRK).
														Moment Tensor (BRK): Dep 24; Principal axes (scale 10**15 Nm): (T) Val=4.04, Plg=25, Azm=84; (N) Val=0.00, Plg=63, Azm=286; (P) Val=-4.04, Plg=9, Azm=178; Best double couple: Mo=4.0*10**15 Nm; NP1: Strike=129, Dip=79, Slip=156; NP2: Strike=224, Dip=66, Slip=12.
14	13	43	11.0&	37.893	N	29.234	E	10	G			1.2	6	TURKEY
14	13	56	18.3&	18.620	N	65.270	W	48					13	PUERTO RICO REGION. <MPR>. MD 3.9 (MPR).
14	14	12	04.0	38.600	N	70.158	E	15	D	4.5		1.1	24	AFGHANISTAN-TAJIKISTAN BORD REG.
14	14	28	07.8?	23.19	N	44.92	W	10	G	4.1		0.5	6	NORTHERN MID-ATLANTIC RIDGE
14	14	31	47.4&	61.387	N	150.758	W	58					22	SOUTHERN ALASKA. <AEIC>. ML 3.0 (AEIC), 3.1 (PMR).
14	15	35	54.1&	37.588	N	118.798	W	8					12	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. ML 2.8 (GM).
14	15	39	30.4	3.684	N	126.939	E	33	N	4.7		0.9	41	TALAUD ISLANDS, INDONESIA
14	15	47	13.2&	32.154	S	71.826	W	19					10	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.6 (GUC).
14	16	46	27.2&	33.830	S	71.935	W	30					14	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.4 (GUC).
14	16	55	50.5&	33.854	S	71.820	W	41					8	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.1 (GUC).
14	17	33	04.2&	33.060	N	117.931	W	6	G				35	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.7 (PAS).
14	18	05	00.3*	4.885	S	153.262	E	33	N	3.4		0.6	5	NEW IRELAND REGION, P.N.G.
14	18	24	06.6&	46.600	N	2.500	E	2					5	FRANCE. <LDG>. ML 1.5 (LDG).
14	19	21	34.4&	33.822	S	71.971	W	31					15	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.5 (GUC).
14	19	56	31.1*	6.110	N	126.262	E	65	*	4.4		1.0	23	MINDANAO, PHILIPPINE ISLANDS
14	20	18	00.5&	33.630	S	70.943	W	70					10	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.3 (GUC).
14	21	09	34.5&	36.715	N	121.210	W	5					12	CENTRAL CALIFORNIA. <GM-P>. MD 2.9 (GM).
14	21	18	17.1*	0.653	S	97.248	E	33	N			1.0	10	SOUTHWEST OF SUMATERA, INDONESIA
14	22	21	53.0	45.660	N	12.619	E	10	G			1.3	63	NORTHERN ITALY. ML 3.7 (FUR), 3.6 (VIE), 3.5 (LDG).
14	22	35	32.2&	18.270	N	67.380	W	93					4	MONA PASSAGE. <MPR>. MD 2.8 (MPR).
14	23	27	36.2*	40.813	N	141.461	E	129	?	3.8		0.9	9	NEAR EAST COAST OF HONSHU, JAPAN
14	23	38	58.4&	15.590	N	60.972	W	78					8	LEEWARD ISLANDS. <FDF>. MG 2.8 (FDF).
15	00	17	52.6	33.996	N	59.770	E	33	N	4.4	3.7	0.7	23	NORTHERN IRAN. Felt in eastern Khorasan and southwestern Chahar Mahall va Bakhtiari Provinces.
15	01	14	35.9	31.712	N	50.835	E	31	*	4.9	4.8	1.0	162	NORTHERN IRAN. Mw 5.2 (HRV). Felt in eastern Khorasan and southwestern Chahar Mahall va Bakhtiari Provinces.
														Centroid, Moment Tensor (HRV): Centroid origin time 01:14:38.2; Lat 31.53 N; Lon 50.90 E; Dep 31.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=7.75, Plg=78, Azm=261; (N) Val=0.45, Plg=12, Azm=86; (P) Val=-8.20, Plg=1, Azm=356; Best double couple: Mo=8.0*10**16 Nm; NP1: Strike=75, Dip=45, Slip=74; NP2: Strike=277, Dip=47, Slip=106.
15	01	52	42.7&	42.070	N	7.620	W	0	G				7	SPAIN. <MDD>. mbLg 2.5 (MDD).

15	01	59	22.3&	37.039	N	121.479	W	9				39	CENTRAL CALIFORNIA. <GM-P>. Mw 4.0 (BRK). ML 4.0 (GM), 4.0 (BRK). Felt at Aptos and Gilroy. Moment Tensor (BRK): Dep 11; Principal axes (scale 10**15 Nm): (T) Val=1.11, Plg=3, Azm=290; (N) Val=0.00, Plg=86, Azm=65; (P) Val=-1.11, Plg=3, Azm=200; Best double couple: Mo=1.1*10**15 Nm; NP1: Strike=245, Dip=90, Slip=-4; NP2: Strike=335, Dip=86, Slip=-180.
15	02	24	13.0*	2.774	S	141.396	E	46 *	4.0		1.1	12	NEAR N COAST OF NEW GUINEA, PNG.
15	03	09	54.2&	32.645	S	71.701	W	28				12	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.6 (GUC).
15	03	09	55.9&	15.622	N	60.706	W	16				9	LEEWARD ISLANDS. <FDF>. MG 2.8 (FDF).
15	03	29	16.4?	18.22	N	108.39	W	10 G	3.5		1.2	9	REVILLA GIGEDO ISLANDS REGION
15	03	36	48.1?	5.27	N	126.49	E	33 N	4.0		1.4	9	MINDANAO, PHILIPPINE ISLANDS
15	03	44	01.7	29.634	N	142.115	E	10 G	4.4		0.8	24	SOUTH OF HONSHU, JAPAN
15	03	50	52.5&	64.129	N	148.218	W	116				26	CENTRAL ALASKA. <AEIC>.
15	04	55	05.1&	33.661	N	117.916	W	3				7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS). Felt.
15	06	34	37.8&	61.894	N	150.991	W	65				46	SOUTHERN ALASKA. <AEIC>. ML 2.9 (AEIC), 3.0 (PMR).
15	07	04	34.4&	39.719	N	29.038	E	11				5	TURKEY. <ISK>. MD 2.6 (ISK).
15	07	21	35.8*	39.541	N	76.988	E	33 N			0.9	10	SOUTHERN XINJIANG, CHINA
15	07	32	20.5	39.547	N	76.889	E	56 *	4.9	4.1	0.9	106	SOUTHERN XINJIANG, CHINA
15	07	36	35.7*	30.504	N	138.796	E	426 *	4.2		0.7	19	SOUTH OF HONSHU, JAPAN
15	07	42	13.2&	39.739	N	29.373	E	10 G				4	TURKEY. <ISK>. MD 2.5 (ISK).
15	08	01	59.1*	52.865	N	160.471	E	33 N	4.6		1.0	29	OFF EAST COAST OF KAMCHATKA
15	08	28	49.7	19.441	N	65.543	W	33 N	4.6	4.0	1.0	83	PUERTO RICO REGION. MD 4.8 (MPR).
15	08	32	33.2&	58.441	N	155.224	W	125				21	ALASKA PENINSULA. <AEIC>.
15	08	39	56.6&	19.440	N	65.220	W	55				5	PUERTO RICO REGION. <MPR>. MD 3.5 (MPR).
15	08	56	48.0&	39.586	N	29.670	E	10 G				4	TURKEY. <ISK>. MD 2.5 (ISK).
15	09	23	41.8&	19.480	N	65.400	W	45				5	PUERTO RICO REGION. <MPR>. MD 3.5 (MPR).
15	09	25	59.9	52.894	N	160.343	E	33 N	4.6	3.7	1.0	53	OFF EAST COAST OF KAMCHATKA
15	10	24	18.0&	34.261	S	70.426	W	109				8	CHILE-ARGENTINA BORDER REGION. <GUC>.
15	10	51	26.9*	39.273	N	76.571	E	33 N			1.0	7	SOUTHERN XINJIANG, CHINA
15	11	05	07.9?	7.04	S	128.12	E	371 ?	3.8		1.1	12	BANDA SEA
15	12	31	56.1&	40.216	N	27.194	E	10 G				6	TURKEY. <ISK>. MD 2.7 (ISK).
15	12	44	54.9*	29.686	N	141.966	E	33 N	3.9		0.7	7	SOUTH OF HONSHU, JAPAN
15	12	56	14.2*	31.353	N	114.082	W	10 G			1.1	15	GULF OF CALIFORNIA
15	13	10	00.4&	46.000	N	2.900	E	17				8	FRANCE. <LDG>. ML 2.7 (LDG).
15	13	34	30.0*	36.943	N	70.118	E	33 N	3.4		1.1	8	HINDU KUSH REGION, AFGHANISTAN
15	14	02	27.3&	54.636	N	160.760	W	15				12	ALASKA PENINSULA. <AEIC>. ML 3.3 (AEIC).
15	14	03	11.3?	2.55	S	128.48	E	33 N	4.4		0.3	8	CERAM SEA
15	15	07	42.9&	19.030	N	64.480	W	50				4	VIRGIN ISLANDS. <MPR>. MD 3.5 (MPR).
15	16	40	40.1&	45.800	N	6.100	E	2				4	FRANCE. <LDG>. ML 2.1 (LDG).
15	16	59	20.7&	63.512	N	151.021	W	10				28	CENTRAL ALASKA. <AEIC>. ML 2.8 (AEIC), 3.2 (PMR). Felt in Denali National Park.
15	17	09	05.6*	20.536	S	176.474	W	300 G	3.5		0.8	9	FIJI ISLANDS REGION
15	17	41	36.2&	37.592	N	118.816	W	7				22	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.2 (GM). ML 3.2 (BRK).
15	17	47	33.5&	37.580	N	118.777	W	7				10	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM).
15	18	41	32.2	18.202	S	178.282	W	521 D	4.4		0.9	59	FIJI ISLANDS REGION
15	18	57	05.5&	33.148	S	70.276	W	5				12	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.1 (GUC).
15	19	14	56.4&	37.589	N	118.807	W	6				12	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM).
15	19	20	33.2	52.124	N	152.816	E	435 D	4.4		0.7	94	NORTHWEST OF KURIL ISLANDS
15	21	11	45.2?	37.44	N	70.19	E	33 N			1.4	9	AFGHANISTAN-TAJIKISTAN BORD REG.
15	23	03	41.9&	44.600	N	6.700	E	2				22	FRANCE. <LDG>. ML 2.4 (GEN), 2.2 (STR), 1.9 (LDG).
15	23	12	52.0&	43.500	N	0.700	W	2				10	PYRENEES. <LDG>. ML 2.4 (LDG), 1.8 (STR).
15	23	12	58.4	54.949	N	161.862	E	35 *	4.4		0.8	36	NEAR EAST COAST OF KAMCHATKA
16	00	03	37.9&	39.018	N	26.880	E	10 G				10	TURKEY. <ISK>. MD 3.4 (ISK).
16	01	58	04.1*	24.559	S	178.899	W	400 G	4.1		0.7	24	SOUTH OF FIJI ISLANDS
16	03	11	40.8*	33.793	N	138.648	E	33 N			0.4	5	SOUTH OF HONSHU, JAPAN. Felt (I JMA) on Kozu-shima.
16	03	48	21.2&	53.448	N	165.726	W	19				11	FOX ISLANDS, ALEUTIAN ISLANDS. <AEIC>. ML 2.7 (AEIC).
16	03	50	24.2*	30.836	S	71.291	W	73 *	4.1		0.8	20	NEAR COAST OF CENTRAL CHILE. MD 4.6 (GUC).
16	04	32	03.4*	40.049	N	23.909	E	10 G			1.1	12	GREECE. MD 3.4 (ISK).
16	05	02	04.5	46.102	N	14.310	E	10 G			0.4	10	NORTHWESTERN BALKAN REGION. ML 2.5 (VIE), 2.0 (LJU).
16	07	17	06.6?	30.16	S	177.79	W	33 N	4.8		1.1	13	KERMADEC ISLANDS, NEW ZEALAND
16	07	24	21.5&	40.703	N	29.700	E	7				7	TURKEY. <ISK>. MD 2.8 (ISK).
16	07	37	47.6*	11.746	N	125.269	E	45 D	4.7		0.9	21	SAMAR, PHILIPPINE ISLANDS
16	08	06	47.1&	32.845	S	70.371	W	103				9	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.9 (GUC).
16	08	12	33.7&	57.685	N	155.831	W	1				16	ALASKA PENINSULA. <AEIC>. ML 2.9 (AEIC), 3.4 (PMR).
16	08	16	41.1&	18.590	N	67.450	W	21				4	MONA PASSAGE. <MPR>. MD 2.8 (MPR).
16	09	35	11.8	52.988	S	159.837	E	10 G	4.9	5.7	1.3	34	MACQUARIE ISLANDS REGION. Mw 6.2 (GS), 6.2 (HRV). Ms 5.9 (BRK). Moment Tensor (GS): Dep 10; Principal axes (scale 10**18 Nm): (T) Val=2.24, Plg=6, Azm=353; (N) Val=-0.05, Plg=83, Azm=200; (P) Val=-2.19, Plg=3, Azm=84; Best double couple: Mo=2.2*10**18 Nm; NP1: Strike=128, Dip=83, Slip=2; NP2: Strike=38, Dip=88, Slip=173. Centroid, Moment Tensor (HRV): Centroid origin time 09:35:23.8; Lat 52.67 S Fix; Lon 159.66 E Fix; Dep 15.0 Fix; Half-duration 3.0 sec; Principal axes (scale 10**18 Nm): (T) Val=2.39, Plg=6, Azm=169; (N) Val=-0.07, Plg=83, Azm=13; (P) Val=-2.31, Plg=3, Azm=259; Best double couple: Mo=2.3*10**18 Nm; NP1: Strike=304, Dip=84, Slip=3; NP2: Strike=214, Dip=87, Slip=174. Scalar Moment (PPT): Mo=4.7*10**18 Nm.
16	09	38	48.0&	31.079	S	71.613	W	14				11	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.3 (GUC). Felt (III) at Ovalle.
16	10	47	10.8&	15.701	N	60.999	W	15				7	LEEWARD ISLANDS. <FDF>. MG 2.9 (FDF).
16	10	53	40.0&	62.315	N	149.434	W	57				18	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC), 3.1 (PMR).
16	11	15	33.4&	40.892	N	29.497	E	11				6	TURKEY. <ISK>. MD 2.8 (ISK).
16	11	49	21.8&	32.595	N	116.076	W	9				21	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.0 (PAS). MD 3.0 (PCX).
16	11	57	17.2*	20.697	S	177.915	W	550 G	4.2		0.7	25	FIJI ISLANDS REGION
16	13	20	47.3&	44.393	N	7.184	E	12				11	NORTHERN ITALY. <GEN>. ML 2.3 (GEN).
16	15	12	58.9	23.703	S	134.503	E	10 G	3.6		1.0	6	NORTHERN TERRITORY, AUSTRALIA
16	15	36	32.1	1.877	S	137.352	E	33 N	4.6		1.1	32	NEAR NORTH COAST OF IRIAN JAYA

16	15	36	47.3&	7.551	N	80.476	W	3				6	PANAMA. <UPA>. MD 3.6 (UPA).
16	15	42	30.2&	33.340	N	116.248	W	15				30	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS). MD 3.3 (ECX).
16	16	04	41.1&	49.880	N	0.180	E	5				13	FRANCE. <STR>. ML 3.3 (STR).
16	16	46	38.3	25.094	N	123.420	E	141	*	3.8	0.9	17	NORTHEAST OF TAIWAN
16	17	04	10.2&	45.000	N	6.700	E	2				5	FRANCE. <LDG>. ML 1.7 (LDG).
16	18	06	33.0	39.838	N	23.972	E	10	G	4.3	1.1	112	AEGEAN SEA
16	18	28	12.2	29.140	S	71.778	W	33	N		1.0	27	NEAR COAST OF CENTRAL CHILE. MD 4.6 (GUC). Felt (III) at Coquimbo and La Serena; (II) at Alto del Carmen, Copiapo, Huasco and Vallenar.
16	18	53	20.2	10.719	N	62.635	W	106			0.9	25	NEAR COAST OF VENEZUELA. MD 3.9 (TRN).
16	18	57	46.0&	43.290	N	110.680	W	1				18	WYOMING. <USBR>. MD 3.0 (USBR). ML 3.1 (GS).
16	19	22	27.2&	43.000	N	0.600	W	10				5	PYRENEES. <LDG>. ML 2.0 (LDG).
16	20	09	59.7	34.691	N	139.637	E	138	D	4.6	1.0	78	NEAR S. COAST OF HONSHU, JAPAN. Felt (II JMA) in southern Chiba and (I JMA) in eastern Kanagawa Prefectures. Also felt (I JMA) on Hachijo-jima, Miyake-jima and in the Tokyo area.
16	20	11	29.4&	44.327	N	7.201	E	14				9	NORTHERN ITALY. <GEN>. ML 2.0 (GEN).
16	21	03	48.3&	45.800	N	7.500	E	2				12	NORTHERN ITALY. <LDG>. ML 2.2 (LDG).
16	21	33	57.0*	22.416	S	69.020	W	33	N		0.7	6	NORTHERN CHILE
16	21	37	33.3*	20.768	S	176.815	W	350	G	4.1	0.9	23	FIJI ISLANDS REGION
16	21	43	24.7*	29.259	S	177.448	W	150	G	4.7	1.2	34	KERMADEC ISLANDS, NEW ZEALAND
16	22	03	42.4&	44.337	N	7.221	E	10				6	NORTHERN ITALY. <GEN>. ML 1.8 (GEN).
16	22	40	56.9*	29.813	S	71.649	W	33	N		0.5	15	NEAR COAST OF CENTRAL CHILE. MD 4.5 (GUC). Felt (III) at La Serena.
16	22	47	43.1*	17.575	S	178.603	W	600	G	4.7	1.0	46	FIJI ISLANDS REGION
16	23	53	03.1*	39.300	N	77.404	E	33	N		1.1	8	SOUTHERN XINJIANG, CHINA
16	23	53	53.0&	36.910	N	4.430	W	4				9	STRAIT OF GIBRALTAR. <MDD>. mbLg 1.7 (MDD).
17	00	35	14.5*	0.753	S	131.407	E	33	N	4.2	1.1	12	IRIAN JAYA REGION, INDONESIA
17	00	35	33.3	36.340	N	26.480	E	139	*	3.6	1.1	36	DODECANESE ISLANDS
17	00	54	15.5*	45.514	N	26.689	E	130	G		0.4	9	ROMANIA
17	01	01	46.5&	36.960	N	4.440	W	8				10	STRAIT OF GIBRALTAR. <MDD>. mbLg 1.8 (MDD).
17	01	04	24.8&	36.890	N	4.460	W	3				8	STRAIT OF GIBRALTAR. <MDD>. mbLg 1.4 (MDD).
17	01	21	10.8&	36.970	N	4.390	W	15				17	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.4 (MDD).
17	03	19	21.7&	34.271	N	116.961	W	10				27	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
17	03	19	39.7*	51.434	N	16.152	E	5	G		0.9	10	POLAND. ML 3.0 (VIE), 2.4 (CLL).
17	03	45	37.0&	34.274	N	116.962	W	10				26	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS).
17	04	08	11.5&	45.100	N	7.200	E	2				4	NORTHERN ITALY. <LDG>. ML 1.4 (LDG).
17	04	31	08.6	10.507	S	73.582	W	100	G	3.9	0.9	15	CENTRAL PERU
17	04	33	09.5*	16.043	S	174.976	W	282	*	4.2	1.3	32	TONGA ISLANDS
17	05	30	08.5?	33.16	N	139.70	E	184	*	4.3	1.2	15	SOUTH OF HONSHU, JAPAN
17	05	31	19.5&	42.100	N	8.140	W	0	G			6	SPAIN. <MDD>. mbLg 2.1 (MDD).
17	06	01	54.9&	35.037	S	71.174	W	92				12	CENTRAL CHILE. <GUC>. MD 3.0 (GUC).
17	06	36	53.7&	34.029	N	116.909	W	19				25	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
17	08	00	23.4	35.926	N	84.405	W	10	G	3.3	0.9	19	TENNESSEE. mbLg 3.6 (GS). Felt (V) at Coalfield, Lenoir City, Oliver Springs and Petros; (IV) at Harriman, Kingston, Knoxville, Oak Ridge and Rockwood; (III) at Clinton, Friendsville, Powell and Robbins; (II) at Elgin, Tellico Plains and Washburn. Felt in Anderson, Blount, Knox, Loudon, Morgan and Roane Counties.
17	08	51	12.6&	39.615	N	29.461	E	10	G			5	TURKEY. <ISK>. MD 2.5 (ISK).
17	09	04	01.7?	40.19	S	173.58	E	200	G		0.4	10	COOK STRAIT, NEW ZEALAND
17	09	53	15.9&	44.300	N	7.600	E	2				4	NORTHERN ITALY. <LDG>. ML 2.3 (LDG).
17	10	15	48.5&	45.100	N	6.600	E	2				4	FRANCE. <LDG>. ML 1.9 (LDG).
17	11	06	00.5	42.233	N	7.952	W	10	G		1.5	18	SPAIN. mbLg 3.3 (MDD). ML 3.3 (LDG). Felt (III) at Bande, Rairiz de Veiga, Verea and Vigo; (II) at Celanova.
17	11	37	21.9%	22.773	N	125.087	E	33	N		0.9	7	SOUTHEAST OF TAIWAN
17	11	39	56.4*	0.784	N	125.641	E	33	N	3.8	1.3	7	NORTHERN MOLUCCA SEA
17	12	27	05.8&	33.340	S	70.081	W	110				12	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.6 (GUC).
17	12	31	17.2&	7.289	N	81.112	W	0				7	PANAMA. <UPA>. MD 4.0 (UPA).
17	12	42	01.3	38.464	N	12.857	E	10	G	4.1	1.1	58	SICILY. ML 3.8 (LDG). MD 3.6 (ROM).
17	12	59	43.9*	2.528	S	140.152	E	33	N	3.4	1.2	9	NEAR NORTH COAST OF IRIAN JAYA
17	13	20	45.0?	62.85	S	152.13	E	10	G	3.8	0.8	7	BALLENY ISLANDS REGION
17	13	21	50.9&	43.700	N	6.900	E	2				5	NEAR SOUTH COAST OF FRANCE. <LDG>. ML 1.9 (LDG).
17	13	30	57.4*	62.958	S	148.670	E	10	G	4.0	1.1	14	BALLENY ISLANDS REGION
17	13	43	48.0&	7.547	N	80.502	W	0				6	PANAMA. <UPA>. MD 3.7 (UPA).
17	13	57	58.1&	32.537	S	71.722	W	15				12	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.0 (GUC).
17	14	19	01.4&	63.051	N	150.831	W	125				32	CENTRAL ALASKA. <AEIC>.
17	15	10	58.3*	18.893	N	145.728	E	300	G	3.5	0.9	14	MARIANA ISLANDS
17	15	45	24.0&	42.110	N	8.130	W	11				5	SPAIN. <MDD>. mbLg 2.5 (MDD).
17	16	48	03.4&	33.046	S	70.937	W	67				13	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.2 (GUC).
17	16	55	16.5?	18.64	N	101.68	W	100	G	4.2	1.3	16	GUERRERO, MEXICO
17	17	09	40.6*	9.354	S	127.724	E	100	G	3.8	1.0	12	TIMOR SEA
17	17	23	03.4*	43.472	N	6.240	E	10	G		0.4	14	NEAR SOUTH COAST OF FRANCE
17	18	10	10.0	46.232	N	13.693	E	10	G		1.1	21	AUSTRIA. ML 3.1 (FUR), 3.0 (VIE), 2.6 (LJU).
17	18	49	03.1	6.031	S	130.163	E	148		5.5	0.8	173	BANDA SEA. Mw 5.6 (GS), 5.6 (HRV). Moment Tensor (GS): Dep 130; Principal axes (scale 10**17 Nm): (T) Val=2.88, Plg=21, Azm=101; (N) Val=-0.02, Plg=41, Azm=211; (P) Val=-2.86, Plg=41, Azm=351; Best double couple: Mo=2.9*10**17 Nm; NP1: Strike=144, Dip=44, Slip=-163; NP2: Strike=41, Dip=78, Slip=-47. Centroid, Moment Tensor (HRV): Centroid origin time 18:49:07.2; Lat 6.07 S; Lon 130.10 E; Dep 154.7; Half-duration 1.5 sec; Principal axes (scale 10**17 Nm): (T) Val=2.44, Plg=21, Azm=93; (N) Val=0.40, Plg=45, Azm=206; (P) Val=-2.84, Plg=37, Azm=345; Best double couple: Mo=2.6*10**17 Nm; NP1: Strike=135, Dip=47, Slip=-166; NP2: Strike=36, Dip=80, Slip=-44.
17	18	51	10.6&	34.271	N	118.578	W	12				32	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS). Felt in the San Fernando Valley.
17	18	51	32.1&	34.277	N	118.577	W	8				34	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.9 (PAS). Felt in the San Fernando Valley and as far as Culver City, Santa Monica and Thousand Oaks.
17	19	57	12.4*	2.704	S	138.940	E	33	N	3.7	1.0	11	IRIAN JAYA, INDONESIA

17	20	10	19.0&	43.290	N	110.680	W	1					20	WYOMING. <USBR>. MD 3.2 (USBR). ML 3.3 (GS).
17	20	42	01.9&	16.423	N	61.280	W	19					5	LEEWARD ISLANDS. <FDF>. MG 2.6 (FDF).
17	20	42	59.3	23.068	S	66.646	W	184		4.4		1.0	59	JUJUY PROVINCE, ARGENTINA
17	20	44	13.9*	19.167	N	145.882	E	200	G	4.2		0.6	12	MARIANA ISLANDS
17	20	51	11.0?	6.97	S	147.99	E	69	*	4.2		0.8	13	EASTERN NEW GUINEA REG., P.N.G.
17	22	04	18.0&	43.290	N	110.680	W	2					21	WYOMING. <USBR>. MD 3.0 (USBR). ML 3.3 (GS).
17	22	16	55.5	49.100	S	121.365	E	10	G	4.6		0.9	26	SOUTH OF AUSTRALIA
17	23	40	22.3&	34.472	S	72.414	W	33					11	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.7 (GUC).
17	23	58	50.9&	62.876	N	150.559	W	91					33	CENTRAL ALASKA. <AEIC>.
18	00	23	03.0&	61.371	N	150.650	W	49					7	SOUTHERN ALASKA. <AEIC>. ML 3.3 (AEIC), 3.5 (PMR).
18	00	34	53.6&	4.569	S	120.238	E	5	G			1.4	5	SULAWESI, INDONESIA
18	00	45	48.4&	38.170	N	2.390	W	2					8	SPAIN. <MDD>. mbLg 2.0 (MDD).
18	00	55	07.1	22.037	S	67.275	W	177	*	4.3		0.8	24	CHILE-BOLIVIA BORDER REGION
18	01	12	48.5*	43.449	N	82.996	E	33	N	4.4		1.5	31	NORTHERN XINJIANG, CHINA
18	01	15	57.1&	31.980	S	69.858	W	143					9	SAN JUAN PROVINCE, ARGENTINA. <GUC>.
18	01	32	10.3*	7.181	S	147.708	E	33	N	3.9		1.4	15	EASTERN NEW GUINEA REG., P.N.G.
18	01	45	15.9	46.235	N	13.598	E	10	G			0.6	9	AUSTRIA. ML 2.3 (VIE).
18	02	17	28.6&	42.090	N	8.140	W	15					4	SPAIN. <MDD>. mbLg 2.2 (MDD).
18	02	19	08.9&	63.472	N	151.248	W	7					4	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC), 3.3 (PMR).
18	02	33	23.3&	42.120	N	8.130	W	4					4	SPAIN. <MDD>. mbLg 2.1 (MDD).
18	02	42	07.1&	26.531	N	44.480	W	10	G			0.5	8	NORTHERN MID-ATLANTIC RIDGE
18	03	17	21.6&	33.769	S	70.787	W	75					8	CHILE-ARGENTINA BORDER REGION. <GUC>.
18	03	29	49.9	40.409	N	26.041	E	10	G			0.9	13	TURKEY. MD 3.3 (ISK).
18	03	31	32.4&	42.150	N	8.140	W	0	G				7	SPAIN. <MDD>. mbLg 2.9 (MDD).
18	03	33	56.4*	18.231	S	168.290	E	33	N	4.7		1.3	32	VANUATU ISLANDS. Felt at Port-Vila.
18	04	17	54.9	11.572	S	13.894	W	10	G	5.4	6.1	1.1	220	ASCENSION ISLAND REGION. Mw 6.3 (HRV), 6.2 (GS). Me 6.4 (GS). Ms 5.9 (BRK).
														Broadband Source Parameters (GS): Dep 7; NP1: Strike=75, Dip=90, Slip=0; NP2: Strike=345, Dip=90, Slip=180; Radiated energy 1.0*10**14 Nm.
														Moment Tensor (GS): Dep 3; Principal axes (scale 10**18 Nm): (T) Val=2.25, Plg=14, Azm=296; (N) Val=0.11, Plg=76, Azm=106; (P) Val=-2.36, Plg=2, Azm=205; Best double couple: Mo=2.3*10**18 Nm; NP1: Strike=340, Dip=78, Slip=172; NP2: Strike=71, Dip=82, Slip=12.
														Centroid, Moment Tensor (HRV): Centroid origin time 04:18:03.6; Lat 11.61 S; Lon 13.89 W; Dep 15.0 Fix; Half-duration 3.2 sec; Principal axes (scale 10**18 Nm): (T) Val=2.62, Plg=9, Azm=303; (N) Val=0.10, Plg=77, Azm=78: (P) Val=-2.72, Plg=9, Azm=211; Best double couple: Mo=2.7*10**18 Nm; NP1: Strike=347, Dip=77, Slip=180; NP2: Strike=77, Dip=90, Slip=13.
18	04	38	37.1	45.595	S	75.557	W	10	G	5.0		1.3	67	OFF COAST OF SOUTHERN CHILE
18	04	41	32.1*	0.516	S	124.745	E	10	G	3.4		1.2	11	SOUTHERN MOLUCCA SEA
18	04	57	47.4&	37.574	N	118.779	W	6					21	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.4 (GM). ML 3.6 (BRK).
18	05	34	45.4*	27.567	N	142.898	E	33	N	4.5		1.0	18	BONIN ISLANDS REGION
18	06	04	27.0&	48.320	N	7.570	E	4	G				7	FRANCE. <STR>. ML 1.2 (STR).
18	06	11	08.8&	33.054	S	71.674	W	15					11	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.1 (GUC).
18	06	49	11.6	36.390	N	70.781	E	150	G	4.3		0.7	22	HINDU KUSH REGION, AFGHANISTAN. Felt at Kabul.
18	07	16	33.7*	14.942	S	166.948	E	10	G	4.0		1.2	24	VANUATU ISLANDS
18	07	20	28.4&	42.030	N	8.120	W	16					7	SPAIN. <MDD>. mbLg 2.4 (MDD).
18	07	33	10.5&	39.554	N	29.544	E	10	G				4	TURKEY. <ISK>. MD 2.6 (ISK).
18	07	42	07.8*	13.760	N	91.973	W	33	N	4.1		0.9	30	NEAR COAST OF GUATEMALA
18	07	56	56.0&	32.326	S	71.314	W	30					14	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.1 (GUC).
18	08	09	26.1&	31.324	S	71.673	W	28					12	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.8 (GUC).
18	09	09	25.8&	18.950	N	64.460	W	45					4	VIRGIN ISLANDS. <MPR>. MD 3.6 (MPR).
18	09	26	40.5&	43.100	N	0.620	W	1					6	PYRENEES. <STR>. ML 1.9 (LDG), 1.6 (STR). Quarry blast.
18	09	27	46.8&	44.400	N	8.300	E	2					11	NORTHERN ITALY. <LDG>. ML 2.3 (STR), 2.2 (LDG).
18	09	49	17.7*	1.091	S	139.181	E	33	N	3.3		0.9	8	NEAR NORTH COAST OF IRIAN JAYA
18	10	03	19.6&	35.334	S	71.168	W	99					10	CENTRAL CHILE. <GUC>.
18	10	09	11.3*	50.018	N	179.439	W	33	N	3.9		0.6	9	ANDREANOF ISLANDS, ALEUTIAN IS.
18	10	21	09.9?	51.48	N	16.10	E	5	G			0.8	8	POLAND. ML 3.6 (VIE).
18	10	35	14.9&	33.520	S	72.010	W	18					7	OFF COAST OF CENTRAL CHILE. <GUC>.
18	10	38	35.6&	40.409	N	28.956	E	10	G				8	TURKEY. <ISK>. MD 2.7 (ISK).
18	10	55	41.8?	15.31	S	174.02	W	62	?	3.9		0.7	10	TONGA ISLANDS
18	11	00	40.0&	37.970	N	112.490	W	2		4.0			49	UTAH. <SLC-P>. ML 4.2 (GS). Felt at Panguitch.
18	11	46	59.0&	33.660	S	70.153	W	125					8	CHILE-ARGENTINA BORDER REGION. <GUC>.
18	12	16	20.9*	37.077	N	2.390	E	10	G			1.3	32	WESTERN MEDITERRANEAN SEA. mbLg 2.5 (MDD).
18	13	48	43.9*	3.764	S	131.464	E	33	N	4.0		1.5	15	IRIAN JAYA REGION, INDONESIA
18	14	03	15.8*	51.993	N	178.908	E	116	*	3.4		1.3	10	RAT ISLANDS, ALEUTIAN ISLANDS
18	14	11	09.1*	36.889	N	2.462	E	10	G	3.5		1.2	18	NORTHERN ALGERIA
18	14	38	56.0?	3.11	S	139.13	E	10	G	3.9		1.4	7	IRIAN JAYA, INDONESIA
18	14	42	23.4&	18.130	N	66.710	W	20					9	PUERTO RICO REGION. <MPR>. MD 2.5 (MPR).
18	15	23	47.4&	37.070	N	5.190	W	0	G				22	SPAIN. <MDD>. mbLg 3.4 (MDD). Felt (III) at Algamitas and Villanueva de San Juan.
18	15	55	53.9*	39.921	S	74.880	W	33	N	4.7		1.3	30	OFF COAST OF CENTRAL CHILE
18	16	19	54.1?	38.97	N	21.45	E	10	?	3.4		1.5	10	GREECE
18	16	26	38.3*	42.622	N	103.003	W	5	G	3.4		1.0	11	NEBRASKA. mbLg 3.4 (GS). Felt in the Chadron-Hay Springs-Bushville area.
18	16	36	02.0?	28.39	N	43.64	W	10	G	4.2		1.3	5	NORTHERN [illegible] RIDGE
18	16	44	36.5&	40.850	N	28.711	E	10	G				7	TURKEY. <ISK>. MD 2.6 (ISK).
18	17	03	42.2	46.160	N	13.723	E	10	G			0.6	7	AUSTRIA. ML 2.3 (VIE).
18	17	06	55.6*	28.066	S	69.958	W	100	G	4.4		1.0	18	CHILE-ARGENTINA BORDER REGION. Felt (III) at Huasco and Vallenar; (II) at Alto del Carmen and Copiapo, Chile.
18	17	54	09.0&	37.970	N	112.510	W	7					10	UTAH. <SLC-P>. ML 3.0 (SLC).
18	18	26	03.8	6.510	S	128.425	E	302	*	4.3		0.9	19	BANDA SEA
18	18	35	11.1*	5.371	S	129.837	E	172	?	3.9		0.8	9	BANDA SEA
18	19	03	48.1*	2.941	S	102.458	W	10	G	4.8	4.7	1.2	39	CENTRAL EAST PACIFIC RISE. Mw 5.4 (HRV).
														Centroid, Moment Tensor (HRV): Centroid origin time 19:03:54.6; Lat 2.85 S; Lon 102.57 W; Dep 15.0 Fix; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=1.34, Plg=6, Azm=81; (N) Val=0.05, Plg=75, Azm=195: (P)

														Val=-1.38, Plg=13, Azm=349; Best double couple: Mo=1.4*10**17 Nm; NP1: Strike=126, Dip=76, Slip=-175; NP2: Strike=34, Dip=85, Slip=-14.
18	19	45	30.3	32.745	N	5.644	W	10	G	4.2		1.3	67	MOROCCO. mbLg 3.5 (MDD).
18	19	45	48.4*	59.780	S	159.317	E	10	G	4.6		0.8	16	MACQUARIE ISLANDS REGION
18	19	47	06.9*	0.497	N	128.488	E	33	N	4.1		0.5	5	HALMAHERA, INDONESIA
18	19	57	54.3&	27.742	S	63.818	E	10	G			1.4	12	SOUTHWEST INDIAN RIDGE
18	22	10	50.2&	18.080	N	65.530	W	0					9	PUERTO RICO REGION. <MPR>. MD 3.3 (MPR).
18	22	20	01.3*	6.750	N	73.076	W	173	*	3.7		0.8	12	NORTHERN COLOMBIA
18	23	13	17.5	25.035	N	95.109	E	128	*	4.0		0.8	37	MYANMAR-INDIA BORDER REGION
18	23	24	38.5&	38.794	N	122.742	W	3					32	NORTHERN CALIFORNIA. <GM-P>. Mw 3.9 (BRK). MD 3.6 (GM). ML 3.6 (BRK). Felt strongly at The Geysers. Moment Tensor (BRK): Dep 4; Principal axes (scale 10**14 Nm): (T) Val=8.35, Plg=21, Azm=302; (N) Val=0.00, Plg=54, Azm=63; (P) Val=-8.35, Plg=28, Azm=201; Best double couple: Mo=8.4*10**14 Nm; NP1: Strike=250, Dip=85, Slip=-36; NP2: Strike=344, Dip=54, Slip=-174.
18	23	36	52.8?	19.46	N	144.84	E	33	N	3.9		1.1	9	MARIANA ISLANDS
19	00	00	56.6&	18.100	N	66.070	W	25					9	PUERTO RICO REGION. <MPR>. MD 3.1 (MPR).
19	00	29	30.4?	1.95	S	99.90	E	33	N			0.6	6	SOUTHERN SUMATERA, INDONESIA
19	00	53	57.3	36.215	N	0.814	E	10	G	3.7		1.0	53	NORTHERN ALGERIA. mbLg 3.2 (MDD).
19	01	45	00.2?	39.51	S	173.49	E	33	N			0.1	8	OFF W. COAST OF N. ISLAND, N.Z. ML 4.2 (WEL).
19	01	50	33.7*	39.741	N	76.743	E	33	N	3.8		1.2	14	SOUTHERN XINJIANG, CHINA
19	02	18	52.8*	27.209	N	103.253	E	33	N			1.3	8	YUNNAN, CHINA. ML 3.8 (BJI).
19	02	20	08.7	42.189	N	142.291	E	33	N	4.7		0.9	86	HOKKAIDO, JAPAN REGION. Felt (III JMA) in the epicentral area.
19	03	50	40.2&	40.241	N	27.419	E	10	G				8	TURKEY. <ISK>. MD 2.8 (ISK).
19	03	52	13.0*	26.675	S	177.576	W	200	G			0.8	13	SOUTH OF FIJI ISLANDS
19	03	54	50.2	23.813	N	93.821	E	100	G	4.1		1.0	18	MYANMAR-INDIA BORDER REGION
19	04	18	44.9&	7.432	N	80.740	W	10	G				5	PANAMA. <UPA>. MD 3.8 (UPA).
19	05	08	18.8?	31.77	N	50.59	E	33	N	4.3		1.0	11	NORTHERN IRAN
19	05	18	00.0	37.243	N	69.919	E	33	N	4.5		1.1	44	AFGHANISTAN-TAJIKISTAN BORD REG.
19	05	21	11.4?	37.41	N	69.86	E	33	N			0.7	6	AFGHANISTAN-TAJIKISTAN BORD REG.
19	08	24	14.2	5.598	S	124.893	E	33	N	4.3		0.6	16	BANDA SEA
19	08	57	44.1?	14.56	N	145.55	E	33	N	4.0		0.6	6	MARIANA ISLANDS
19	09	29	17.5	54.974	N	162.897	E	33	N	5.0	4.2	0.9	212	NEAR EAST COAST OF KAMCHATKA. Mw 4.9 (HRV). Felt (III) at Russa and (II) at Okha, Sakhalin. Centroid, Moment Tensor (HRV): Centroid origin time 09:29:18.5; Lat 55.23 N; Lon 163.16 E; Dep 33.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=2.51, Plg=71, Azm=64; (N) Val=-0.40, Plg=7, Azm=313; (P) Val=-2.12, Plg=18, Azm=221; Best double couple: Mo=2.3*10**16 Nm; NP1: Strike=300, Dip=28, Slip=75; NP2: Strike=137, Dip=63, Slip=98.
19	10	52	54.9?	46.01	N	15.78	E	10	G			0.6	4	NORTHWESTERN BALKAN REGION. ML 2.2 (VIE), 1.6 (LJU).
19	11	17	43.9	52.923	N	142.834	E	33	N	4.3		0.7	33	SAKHALIN ISLAND
19	11	28	50.3*	37.427	N	70.140	E	33	N			1.4	9	AFGHANISTAN-TAJIKISTAN BORD REG.
19	11	45	15.0	11.343	N	86.805	W	33	N	4.8	4.2	1.4	86	NEAR COAST OF NICARAGUA
19	12	01	07.5	8.323	S	74.135	W	170	D	4.6		0.9	46	PERU-BRAZIL BORDER REGION
19	12	34	02.8	42.569	N	111.137	W	10	G	3.8		0.9	37	EASTERN IDAHO. ML 4.1 (GS). Felt strongly at Georgetown.
19	12	53	57.7	32.382	S	69.867	W	115	D	4.2		0.8	21	MENDOZA PROVINCE, ARGENTINA
19	13	20	24.5&	39.560	N	1.130	W	0	G				16	SPAIN. <MDD>. ML 2.8 (LDG). mbLg 2.7 (MDD).
19	13	44	15.0&	40.820	N	28.133	E	5					7	TURKEY. <ISK>. MD 2.8 (ISK).
19	14	43	13.5	46.270	N	13.612	E	5	G			1.0	13	AUSTRIA. ML 2.7 (VIE), 2.2 (LJU).
19	15	02	33.9&	38.550	N	2.280	W	0	G				20	SPAIN. <MDD>. mbLg 3.0 (MDD).
19	15	44	56.8*	25.303	N	141.360	E	33	N	4.4		1.1	10	VOLCANO ISLANDS REGION
19	16	03	29.5*	9.447	N	126.904	E	33	N			0.9	10	MINDANAO, PHILIPPINE ISLANDS
19	16	40	26.8&	38.032	N	30.081	E	10	G				4	TURKEY. <ISK>. MD 3.2 (ISK).
19	18	44	22.7&	59.983	N	152.433	W	92					49	SOUTHERN ALASKA. <AEIC>.
19	18	50	28.4*	1.002	N	127.778	E	33	N	4.7		1.4	20	HALMAHERA, INDONESIA
19	19	43	39.9*	37.243	N	70.241	E	74	?	3.7		1.1	14	AFGHANISTAN-TAJIKISTAN BORD REG.
19	21	08	42.0*	52.081	N	156.080	E	200	G	4.1		1.0	12	KAMCHATKA
19	21	59	11.7&	36.010	N	0.174	W	10	G			0.5	14	WESTERN MEDITERRANEAN SEA. mbLg 3.0 (MDD).
19	22	03	11.8&	45.000	N	6.700	E	2					6	FRANCE. <LDG>. ML 1.6 (LDG).
19	22	08	29.6&	42.700	N	7.660	W	0	G				12	SPAIN. <MDD>. mbLg 3.1 (MDD). Felt (III) at Lugo and Sarria.
19	22	15	12.2&	42.710	N	7.660	W	3					15	SPAIN. <MDD>. mbLg 3.0 (MDD). ML 2.8 (LDG).
19	22	19	50.6?	9.50	N	124.87	E	500	G	3.7		1.2	12	MINDANAO, PHILIPPINE ISLANDS
19	23	09	57.0	21.927	S	179.446	W	600	G	4.8		0.8	107	FIJI ISLANDS REGION
19	23	52	31.1&	34.128	S	71.012	W	75					9	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 2.1 (GUC).
19	23	56	14.4&	37.800	N	2.580	W	0	G				5	SPAIN. <MDD>. mbLg 2.1 (MDD).
20	00	03	02.5	0.607	N	121.528	E	102	*	4.8		1.0	37	MINAHASSA PENINSULA, SULAWESI
20	00	11	36.5&	33.534	S	70.321	W	15					4	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.9 (GUC).
20	00	15	51.1&	63.543	N	150.989	W	10					12	CENTRAL ALASKA. <AEIC>. ML 3.4 (AEIC), 3.7 (PMR).
20	00	29	33.2*	0.027	N	122.985	E	200	G	4.4		1.4	19	MINAHASSA PENINSULA, SULAWESI
20	00	52	14.5	3.439	S	143.603	E	25		4.4		0.9	34	NEAR N COAST OF NEW GUINEA, PNG.
20	01	59	19.0&	34.344	S	70.719	W	100					8	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 1.9 (GUC).
20	02	25	48.0	38.425	N	12.671	E	10	G	4.7	4.6	1.4	244	SICILY. ML 4.4 (LDG). Felt strongly in northern Sicily.
20	02	35	10.0&	38.470	N	1.570	W	4					6	SPAIN. <MDD>. mbLg 2.4 (MDD).
20	04	08	53.6*	17.436	S	178.470	W	500	G	3.8		0.9	16	FIJI ISLANDS REGION
20	04	24	03.8*	16.103	S	175.661	E	33	N	3.9		1.0	14	FIJI ISLANDS REGION
20	04	33	26.2&	34.382	S	70.601	W	112					13	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 4.0 (GUC).
20	05	15	40.4*	45.162	N	126.457	W	10	G			0.6	42	OFF COAST OF OREGON
20	05	36	13.6	8.373	S	119.931	E	33	N	4.2		0.7	16	FLORES REGION, INDONESIA
20	05	51	35.5&	[illegible]	N	142.129	E	33	N	3.7		1.2	11	NEAR EAST COAST OF HONSHU, JAPAN
20	06	04	14.3?	19.36	S	169.45	E	277	?	3.7		1.2	15	VANUATU ISLANDS
20	06	34	53.8&	63.394	N	151.083	W	9					25	CENTRAL ALASKA. <AEIC>. ML 3.0 (AEIC), 3.4 (PMR).
20	06	35	38.2&	42.140	N	8.140	W	0	G				4	SPAIN. <MDD>. mbLg 2.6 (MDD).
20	07	36	40.8&	62.247	N	150.904	W	3					6	CENTRAL ALASKA. <AEIC>. ML 2.4 (AEIC), 2.8 (PMR).
20	08	06	20.5&	42.150	N	8.110	W	0	G				6	SPAIN. <MDD>. mbLg 2.8 (MDD).
20	08	10	11.6*	17.684	S	65.072	W	33	N			1.4	5	CENTRAL BOLIVIA
20	08	10	45.0?	20.00	S	177.61	W	400	G	3.9		0.9	9	FIJI ISLANDS REGION
20	09	15	11.1	35.569	N	135.701	E	353		4.0		1.2	34	WESTERN HONSHU, JAPAN
20	09	47	29.2&	42.070	N	8.100	W	8					7	SPAIN. <MDD>. mbLg 3.1 (MDD).

20	10	40	41.6&	40.494	N	27.457	E	10	G			4	TURKEY. <ISK>. MD 2.6 (ISK).
20	10	45	20.3&	32.503	S	71.751	W	16				10	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.3 (GUC).
20	11	14	44.4	38.469	N	12.681	E	10	G	3.1	1.2	23	SICILY. ML 3.7 (LDG), 3.3 (ROM).
20	11	15	13.6	38.361	N	12.568	E	10	G	3.9	0.9	36	SICILY. ML 4.0 (LDG).
20	11	26	36.7&	44.491	N	7.245	E	13				18	NORTHERN ITALY. <GEN>. ML 2.2 (GEN).
20	11	32	23.4&	59.092	N	152.628	W	68				27	SOUTHERN ALASKA. <AEIC>. ML 2.9 (AEIC).
20	11	40	23.1	40.078	N	21.709	E	10	G	4.0	1.5	42	GREECE. ML 3.9 (ROM).
20	11	53	55.2	12.752	N	125.939	E	33	N	4.7	0.8	53	SAMAR, PHILIPPINE ISLANDS
20	13	04	30.5*	51.508	N	16.158	E	5	G		0.7	7	POLAND. ML 3.2 (VIE), 2.7 (WAR).
20	13	37	19.1	5.587	S	146.692	E	136		4.5	1.0	32	EASTERN NEW GUINEA REG., P.N.G.
20	14	00	29.9&	31.188	S	71.587	W	28				11	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.8 (GUC).
20	14	13	41.6?	38.25	N	21.95	E	33	N	4.0	1.2	13	GREECE
20	15	46	16.7&	37.585	N	118.799	W	4				14	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. ML 2.8 (GM).
20	16	37	34.4	32.179	S	178.904	W	33	N	5.0 4.7	1.3	100	SOUTH OF KERMADEC ISLANDS. Mw 5.3 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 16:37:41.0; Lat 32.08 S; Lon 178.68 W; Dep 53.6; Half-duration 1.0 sec; Principal axes (scale 10**17 Nm): (T) Val=0.79, Plg=66, Azm=327; (N) Val=0.22, Plg=14, Azm=202; (P) Val=-1.01, Plg=19, Azm=107; Best double couple: Mo=9.0*10**16 Nm; NP1: Strike=174, Dip=29, Slip=59; NP2: Strike=29, Dip=65, Slip=106.
20	18	13	56.3&	38.063	S	73.652	W	57				12	NEAR COAST OF CENTRAL CHILE. <GUC>.
20	18	55	14.3	4.266	N	126.512	E	84	*	4.4	1.0	32	TALAUD ISLANDS, INDONESIA
20	19	01	24.7	12.098	N	143.752	E	54	D	5.0	1.3	93	SOUTH OF MARIANA ISLANDS. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 19:01:25.4; Lat 12.21 N; Lon 144.14 E; Dep 56.8; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=5.64, Plg=7, Azm=243; (N) Val=0.65, Plg=67, Azm=349; (P) Val=-6.29, Plg=22, Azm=150; Best double couple: Mo=6.0*10**16 Nm; NP1: Strike=289, Dip=70, Slip=-169; NP2: Strike=195, Dip=80, Slip=-21.
20	20	24	45.1	30.105	S	177.925	W	57	D	5.7	0.9	334	KERMADEC ISLANDS, NEW ZEALAND. Mw 6.0 (HRV), 5.9 (GS). Me 5.4 (GS). Broadband Source Parameters (GS): Dep 31; NP1: Strike=120, Dip=45, Slip=80; NP2: Strike=314, Dip=46, Slip=100; Radiated energy 2.8*10**12 Nm. Moment Tensor (GS): Dep 35; Principal axes (scale 10**17 Nm): (T) Val=7.95, Plg=83, Azm=192; (N) Val=0.52, Plg=3, Azm=303; (P) Val=-8.46, Plg=7, Azm=33; Best double couple: Mo=8.2*10**17 Nm; NP1: Strike=126, Dip=38, Slip=94; NP2: Strike=301, Dip=52, Slip=87. Centroid, Moment Tensor (HRV): Centroid origin time 20:24:48.4; Lat 29.99 S; Lon 177.41 W; Dep 41.0 Bdy; Half-duration 2.2 sec; Principal axes (scale 10**17 Nm): (T) Val=9.16, Plg=81, Azm=205; (N) Val=0.79, Plg=2, Azm=309; (P) Val=-9.95, Plg=9, Azm=39; Best double couple: Mo=9.6*10**17 Nm; NP1: Strike=132, Dip=36, Slip=94; NP2: Strike=307, Dip=54, Slip=87.
20	20	48	11.8&	32.618	S	71.364	W	30				8	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.4 (GUC).
20	21	15	53.2&	41.534	S	173.926	E	10	G		0.6	7	SOUTH ISLAND, NEW ZEALAND. ML 3.0 (WEL).
20	21	16	21.0&	43.280	N	110.680	W	0		4.4		96	WYOMING. <USBR>. ML 4.7 (GS). Felt at Hoback Junction and in the Jackson area.
20	21	22	58.0	43.256	N	110.684	W	5	G		0.8	12	WYOMING. ML 2.9 (GS).
20	21	26	10.1*	51.380	N	16.228	E	5	G		0.9	8	POLAND. ML 3.0 (VIE), 2.7 (WAR).
20	21	53	51.3&	33.142	S	70.255	W	5				12	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.4 (GUC).
20	21	56	08.5*	58.228	S	24.444	W	33	N	4.7	1.1	17	SOUTH SANDWICH ISLANDS REGION
20	22	07	36.4	17.407	N	94.892	W	113	D	4.5	1.0	101	CHIAPAS, MEXICO
20	22	50	42.0&	39.530	N	120.320	W	11				23	NORTHERN CALIFORNIA. <REN-P>. MD 3.0 (REN). ML 3.3 (BRK).
20	23	12	44.8&	37.579	N	118.782	W	6				8	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. ML 2.8 (GM).
20	23	42	16.2*	51.527	N	16.246	E	5	G		0.8	6	POLAND. ML 2.6 (WAR).
20	23	54	41.5*	17.952	S	69.469	W	150	*		1.3	10	PERU-BOLIVIA BORDER REGION
21	00	36	02.9?	17.59	S	178.63	W	500	G	3.8	1.0	15	FIJI ISLANDS REGION
21	00	58	12.4*	27.473	N	141.507	E	114	D	4.4	1.1	30	BONIN ISLANDS REGION
21	01	35	14.2&	38.060	N	8.480	W	0				5	PORTUGAL. <MDD>. mbLg 2.4 (MDD).
21	01	57	46.8?	51.76	N	178.75	E	33	N		0.3	5	RAT ISLANDS, ALEUTIAN ISLANDS
21	02	25	11.9&	31.338	S	69.511	W	176				11	SAN JUAN PROVINCE, ARGENTINA. <GUC>.
21	02	44	00.5&	18.970	N	64.300	W	58				7	VIRGIN ISLANDS. <MPR>. MD 3.6 (MPR).
21	03	02	34.4*	14.766	N	54.881	E	10	G	4.3	1.1	23	ARABIAN SEA
21	03	28	32.7&	18.800	N	68.020	W	109				5	MONA PASSAGE. <MPR>. MD 3.2 (MPR).
21	03	46	18.4*	48.537	N	148.825	E	414	*	4.1	1.2	18	NORTHWEST OF KURIL ISLANDS
21	04	21	37.5&	31.005	S	71.423	W	27				6	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.3 (GUC).
21	04	26	45.7&	32.468	S	69.643	W	152				9	MENDOZA PROVINCE, ARGENTINA. <GUC>. MD 2.6 (GUC).
21	04	40	25.0*	3.949	N	126.434	E	89	*	4.5	0.9	22	TALAUD ISLANDS, INDONESIA
21	05	15	29.1&	37.040	N	5.370	W	4				15	SPAIN. <MDD>. mbLg 1.9 (MDD).
21	05	25	40.9&	37.040	N	5.440	W	0	G			9	SPAIN. <MDD>. mbLg 2.2 (MDD).
21	06	22	14.9&	32.565	S	70.005	W	124				10	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.6 (GUC).
21	06	37	20.5*	12.814	N	57.193	E	10	G	4.5	1.2	19	ARABIAN SEA
21	07	19	11.4*	27.650	S	67.522	W	162	?		1.0	19	CATAMARCA PROVINCE, ARGENTINA. MD 4.1 (GUC).
21	07	19	33.4*	7.594	S	146.577	E	33	N		1.5	7	EASTERN NEW GUINEA REG., P.N.G.
21	07	55	56.5&	37.010	N	5.420	W	8				5	SPAIN. <MDD>. mbLg 1.6 (MDD).
21	07	59	08.2&	37.040	N	5.370	W	2				14	SPAIN. <MDD>. mbLg 2.1 (MDD).
21	08	01	15.1&	37.040	N	5.430	W	0	G			6	SPAIN. <MDD>. mbLg 1.8 (MDD).
21	08	02	20.9&	40.321	N	124.269	W	31				5	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 2.9 (GM).
21	08	02	27.4&	37.000	N	5.390	W	7				8	SPAIN. <MDD>. mbLg 1.8 (MDD).
21	08	03	54.2	12.853	N	88.463	W	70	D	4.9	1.2	143	OFF COAST OF CENTRAL AMERICA. Mw 5.2 (HRV). Felt (IV) at San Salvador, El Salvador. Centroid, Moment Tensor (HRV): Centroid origin time 08:03:58.2; Lat 12.87 N; Lon 88.79 W; Dep 74.9; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=5.59, Plg=58, Azm=82; (N) Val=1.10, Plg=28, Azm=295; (P) Val=-6.69, Plg=15, Azm=197; Best double couple: Mo=6.1*10**16 Nm; NP1: Strike=254, Dip=39, Slip=41; NP2: Strike=129, Dip=66, Slip=121.

21	08	11	49.8&	37.020	N	5.360	W	7				7	SPAIN. <MDD>. mbLg 1.6 (MDD).
21	08	19	14.8	3.675	N	82.759	W	33	N	4.4	0.8	12	SOUTH OF PANAMA. MD 4.4 (UPA).
21	08	42	22.7&	37.030	N	5.350	W	3				6	SPAIN. <MDD>. mbLg 1.6 (MDD).
21	08	52	20.8&	37.010	N	5.390	W	6				6	SPAIN. <MDD>. mbLg 1.7 (MDD).
21	08	56	36.1?	17.34	S	178.50	W	400	G	4.0	1.0	16	FIJI ISLANDS REGION
21	09	00	48.3	38.390	N	12.624	E	10	G	4.2	1.4	136	SICILY. ML 4.1 (LDG). MD 3.7 (ROM).
21	09	54	39.2&	37.030	N	5.350	W	0	G			7	SPAIN. <MDD>. mbLg 1.8 (MDD).
21	10	13	03.0&	37.060	N	5.350	W	0	G			12	SPAIN. <MDD>. mbLg 2.4 (MDD).
21	10	51	23.8*	79.917	N	2.961	E	10	G	3.8	1.3	11	GREENLAND SEA
21	11	03	07.2&	33.946	S	70.462	W	105				9	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.1 (GUC).
21	11	49	23.9&	31.158	S	71.616	W	21				12	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.8 (GUC).
21	12	16	39.1*	23.962	S	70.701	W	33	N	4.0	0.8	9	NEAR COAST OF NORTHERN CHILE
21	12	47	50.9*	44.853	N	37.138	E	33	N	3.7	1.1	16	NORTHWESTERN CAUCASUS. Felt (IV) at Anapa and (II) at Novorossiysk, Russia.
21	12	53	29.1&	33.737	S	70.734	W	77				8	CHILE-ARGENTINA BORDER REGION. <GUC>.
21	12	59	04.0	38.430	N	12.670	E	10	G	4.5	1.3	174	SICILY. ML 3.9 (LDG).
21	13	28	34.0&	37.470	N	29.621	E	13				4	TURKEY. <ISK>. MD 3.0 (ISK).
21	13	51	00.3&	37.090	N	5.390	W	0	G			11	SPAIN. <MDD>. mbLg 2.5 (MDD).
21	13	55	18.6&	37.080	N	5.410	W	0	G			9	SPAIN. <MDD>. mbLg 2.2 (MDD).
21	14	07	02.8&	37.070	N	5.410	W	0	G			10	SPAIN. <MDD>. mbLg 2.6 (MDD).
21	14	50	27.6	24.183	N	126.088	E	33	N	4.2	1.1	21	RYUKYU ISLANDS
21	14	55	05.2*	21.976	N	143.651	E	200	G	3.7	1.1	12	MARIANA ISLANDS REGION
21	15	15	07.9*	20.638	S	173.816	W	33	N	4.4	0.8	18	TONGA ISLANDS
21	15	27	27.3	6.069	S	130.049	E	129	*	4.7	1.1	35	BANDA SEA
21	15	32	07.5&	37.575	N	118.772	W	7				33	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM).
21	15	32	50.4&	37.574	N	118.771	W	7				55	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. Mw 3.8 (BRK). MD 3.6 (GM). ML 4.0 (BRK). Moment Tensor (BRK): Dep 8; Principal axes (scale 10**14 Nm): (T) Val=6.24, Plg=4, Azm=90; (N) Val=0.00, Plg=37, Azm=183; (P) Val=-6.24, Plg=52, Azm=355; Best double couple: Mo=6.2*10**14 Nm; NP1: Strike=30, Dip=59, Slip=-45; NP2: Strike=147, Dip=53, Slip=-140.
21	15	43	36.0*	8.819	N	93.854	E	33	N	4.5	0.9	26	NICOBAR ISLANDS, INDIA
21	15	55	00.8&	39.056	S	174.916	E	200	G		0.4	13	NORTH ISLAND, NEW ZEALAND
21	15	57	44.5	30.158	N	67.961	E	33	N	4.8	0.9	114	PAKISTAN
21	16	04	04.6&	37.503	S	74.594	W	31				12	OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.3 (GUC).
21	16	29	31.2	4.072	N	126.565	E	67	*	4.4	0.9	35	TALAUD ISLANDS, INDONESIA
21	18	14	13.9?	12.87	N	88.34	W	200	G	4.1	1.0	10	OFF COAST OF CENTRAL AMERICA
21	18	40	24.4&	33.920	N	116.362	W	5				25	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
21	19	23	38.9&	54.070	N	1.010	E	25				31	NORTH SEA. <BGS>. ML 3.5 (LDG), 2.8 (BGS).
21	20	15	27.1	18.345	S	69.497	W	120	D	4.5	1.2	38	NORTHERN CHILE. Felt (IV) at Arica.
21	20	46	40.4&	33.757	S	72.270	W	18				11	OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.8 (GUC).
21	21	23	46.0*	36.206	N	141.120	E	55	*	4.5	0.9	32	NEAR EAST COAST OF HONSHU, JAPAN. Felt (I JMA) in Ibaraki, southern Fukushima and eastern Tochigi Prefectures.
21	22	51	31.9&	61.480	N	149.868	W	35				34	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
21	23	33	35.6&	37.830	N	2.320	W	1				10	SPAIN. <MDD>. mbLg 2.1 (MDD).
21	23	35	13.8*	32.522	N	137.786	E	235	?		0.7	7	SOUTH OF HONSHU, JAPAN
21	23	52	39.2	47.746	N	10.012	E	5	G		1.1	14	AUSTRIA. ML 2.3 (STR), 2.2 (VIE), 2.2 (LDG).
22	00	07	53.4&	34.031	N	116.646	W	13				39	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.6 (PAS). MD 3.6 (ECX). Felt in the Morongo Valley.
22	00	15	13.2*	22.951	N	121.333	E	33	N	4.3	1.0	15	TAIWAN REGION
22	00	38	09.0&	43.300	N	110.670	W	2				21	WYOMING. <USBR>. ML 2.9 (GS).
22	00	38	34.6?	43.39	N	127.66	W	10	G		0.5	38	OFF COAST OF OREGON
22	00	43	34.1?	17.68	S	179.16	W	488	?	4.2	1.2	28	FIJI ISLANDS REGION
22	00	45	28.0	38.359	N	12.531	E	33	N		1.1	30	SICILY. ML 3.3 (LDG).
22	00	47	02.4&	37.571	N	118.766	W	7				17	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.1 (GM). ML 3.0 (BRK).
22	01	16	33.8?	5.04	S	153.59	E	33	N	4.4	1.0	5	NEW IRELAND REGION, P.N.G.
22	01	48	38.4	6.333	S	130.546	E	106	*	4.6	0.9	21	BANDA SEA
22	02	52	11.5&	34.942	S	70.942	W	96				10	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.8 (GUC).
22	03	30	51.7&	18.520	N	66.350	W	79				10	PUERTO RICO REGION. <MPR>. MD 3.2 (MPR).
22	04	14	34.4?	14.19	N	92.49	W	33	N	4.0	0.8	9	NEAR COAST OF CHIAPAS, MEXICO
22	04	27	51.6?	4.78	S	145.96	E	33	N	3.6	1.4	8	NEAR N COAST OF NEW GUINEA, PNG.
22	04	50	30.2&	35.671	S	71.724	W	96				9	CENTRAL CHILE. <GUC>. MD 2.8 (GUC).
22	05	06	57.7&	46.200	N	5.400	E	2				11	FRANCE. <LDG>. ML 2.3 (LDG), 2.2 (STR).
22	05	57	12.7*	7.091	S	129.432	E	100	G	4.7	1.0	8	BANDA SEA
22	05	59	45.7&	33.390	S	70.844	W	73				10	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.0 (GUC).
22	07	03	13.2	2.722	N	76.810	W	142	D	4.5	0.8	84	COLOMBIA
22	07	05	54.6?	46.11	N	13.81	E	10	G		0.9	7	AUSTRIA. ML 1.8 (LJU).
22	07	07	08.4	28.043	N	129.391	E	63	D	5.2	1.0	173	RYUKYU ISLANDS. Mw 5.5 (HRV). Felt (IV JMA) on Amami O-shima; (II JMA) on Tokuno-shima; (I JMA) on Nakano-shima and Okinoerabu-shima. Centroid, Moment Tensor (HRV): Centroid origin time 07:07:08.3; Lat 27.98 N; Lon 129.30 E; Dep 53.0; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=1.81, Plg=42, Azm=309; (N) Val=0.13, Plg=38, Azm=84; (P) Val=-1.94, Plg=24, Azm=195; Best double couple: Mo=1.9*10**17 Nm; NP1: Strike=333, Dip=40, Slip=164; NP2: Strike=75, Dip=80, Slip=51.
22	07	22	13.6	16.330	N	98.881	W	25	D	4.9	4.1 0.9	91	NEAR COAST OF GUERRERO, MEXICO
22	07	39	51.8&	59.326	N	151.000	W	41				22	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.2 (AEIC).
22	07	55	09.5	27.990	S	66.701	W	174	D	4.9	1.0	153	CATAMARCA PROVINCE, ARGENTINA. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 07:55:08.4; Lat 28.06 S; Lon 66.37 W; Dep 181.0; Half-duration 1.0 sec; Principal axes (scale 10**17 Nm): (T) Val=1.58, Plg=5, Azm=77; (N) Val=0.02, Plg=61, Azm=339; (P) Val=-1.60, Plg=29, Azm=170; Best double couple: Mo=1.6*10**17 Nm; NP1: Strike=210, Dip=66, Slip=-18; NP2: Strike=307, Dip=73, Slip=-155.
22	07	56	08.8	16.670	N	98.864	W	33	N	4.8	4.1 0.8	74	NEAR COAST OF GUERRERO, MEXICO
22	07	58	49.0&	39.556	N	29.540	E	7				4	TURKEY. <ISK>. MD 2.6 (ISK).
22	08	31	34.8*	11.805	S	113.450	E	33	N	3.6	0.8	6	SOUTH OF JAWA, INDONESIA
22	09	20	21.3	16.620	N	98.923	W	33	N	4.4	1.1	52	NEAR COAST OF GUERRERO, MEXICO

22	09	46	47.9	21.832	S	119.906	E	33	N	4.4	0.8	14	WESTERN AUSTRALIA
22	09	57	44.7&	37.542	N	118.909	W	18				21	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.2 (GM). ML 3.2 (BRK).
22	10	01	01.4&	39.156	N	27.570	E	10	G			5	TURKEY. <ISK>. MD 2.8 (ISK).
22	10	04	04.8	42.268	N	136.674	E	322	D	4.4	0.9	60	EASTERN SEA OF JAPAN
22	10	23	10.4&	39.225	N	27.763	E	10	G			6	TURKEY. <ISK>. MD 2.8 (ISK).
22	10	29	24.0	43.645	N	10.226	E	10	G		1.1	76	CENTRAL ITALY. ML 3.7 (GRF), 3.7 (LDG), 3.7 (STR), 3.5 (FBB).
22	10	34	55.4?	12.57	S	167.12	E	200	G	4.3	0.9	14	SANTA CRUZ ISLANDS
22	10	58	02.3&	40.262	N	28.948	E	6				4	TURKEY. <ISK>. MD 2.5 (ISK).
22	11	13	59.7*	4.523	S	129.196	E	33	N	3.4	1.1	7	BANDA SEA
22	11	28	08.7&	39.128	N	27.600	E	14				5	TURKEY. <ISK>. MD 2.7 (ISK).
22	11	30	22.4&	44.350	N	7.307	E	12				20	NORTHERN ITALY. <GEN>. ML 2.3 (LDG), 2.2 (GEN), 1.8 (STR).
22	12	34	34.3*	11.534	S	120.502	E	33	N	3.9	0.9	7	SOUTH OF SUMBA, INDONESIA
22	13	20	27.9&	44.339	N	7.282	E	15				7	NORTHERN ITALY. <GEN>. ML 1.9 (GEN).
22	13	40	19.8&	39.926	N	27.725	E	11				5	TURKEY. <ISK>. MD 2.8 (ISK).
22	13	54	34.4?	52.39	S	162.10	E	10	G	4.1	0.9	9	MACQUARIE ISLANDS REGION
22	14	15	16.7&	39.253	N	27.723	E	5				5	TURKEY. <ISK>. MD 2.7 (ISK).
22	14	49	50.6*	8.686	S	161.236	E	92	*	4.1	1.0	21	SOLOMON ISLANDS
22	15	19	50.5	39.258	S	173.330	E	33	N		0.5	16	OFF W. COAST OF N. ISLAND, N.Z. Felt at New Plymouth.
22	15	32	21.7*	36.474	N	70.887	E	206	?	3.3	0.6	7	HINDU KUSH REGION, AFGHANISTAN
22	15	36	48.9	16.490	N	98.982	W	33	N	4.3	1.0	46	NEAR COAST OF GUERRERO, MEXICO
22	15	53	50.9*	16.262	N	98.933	W	22	D	4.4	1.2	43	NEAR COAST OF GUERRERO, MEXICO
22	17	31	36.1?	32.44	N	59.98	E	10	G		1.4	10	NORTHERN IRAN
22	17	32	30.6*	19.955	S	177.395	W	500	G	4.3	0.5	13	FIJI ISLANDS REGION
22	18	03	54.0&	44.500	N	2.700	E	2				16	FRANCE. <LDG>. ML 2.8 (STR), 2.7 (LDG).
22	18	04	22.6&	9.249	N	78.641	W	71				6	PANAMA. <UPA>. MD 3.5 (UPA).
22	18	58	16.6*	3.132	N	128.039	E	100	G		0.8	10	NORTH OF HALMAHERA, INDONESIA
22	19	11	04.7*	11.196	S	114.571	E	33	N	4.2	1.0	7	SOUTH OF BALI, INDONESIA
22	20	04	35.6*	37.267	N	69.973	E	10	G	3.9	1.2	14	AFGHANISTAN-TAJIKISTAN BORD REG.
22	20	08	05.7	13.265	N	145.106	E	78	*	4.8	1.2	40	MARIANA ISLANDS
22	20	26	24.9	12.364	N	144.445	E	33	N	5.1 5.5	1.2	126	SOUTH OF MARIANA ISLANDS. Mw 5.7 (HRV), 5.6 (GS). Moment Tensor (GS): Dep 16; Principal axes (scale 10**17 Nm): (T) Val=3.00, Plg=53, Azm=313; (N) Val=0.21, Plg=9, Azm=211; (P) Val=-3.21, Plg=35, Azm=115; Best double couple: Mo=3.1*10**17 Nm; NP1: Strike=169, Dip=13, Slip=47; NP2: Strike=32, Dip=81, Slip=99. Centroid, Moment Tensor (HRV): Centroid origin time 20:26:28.7; Lat 12.38 N; Lon 144.84 E; Dep 15.0 Bdy; Half-duration 1.7 sec; Principal axes (scale 10**17 Nm): (T) Val=3.97, Plg=62, Azm=302; (N) Val=0.62, Plg=5, Azm=41; (P) Val=-4.60, Plg=27, Azm=134; Best double couple: Mo=4.3*10**17 Nm; NP1: Strike=236, Dip=18, Slip=105; NP2: Strike=40, Dip=72, Slip=85.
22	20	53	18.4&	59.731	N	148.767	W	14				19	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.6 (AEIC).
22	21	10	17.1&	54.061	N	164.101	W	18		4.4		55	UNIMAK ISLAND REGION. <AEIC>. ML 4.5 (AEIC), 4.4 (PMR).
22	21	27	15.5*	29.046	N	129.218	E	33	N	4.2	0.9	8	RYUKYU ISLANDS
22	21	46	00.8?	28.58	N	129.20	E	97	*	3.7	1.2	6	RYUKYU ISLANDS
22	21	47	44.7*	12.269	N	144.438	E	33	N	4.6	1.1	30	SOUTH OF MARIANA ISLANDS
22	21	55	02.4&	17.960	N	66.520	W	12				7	PUERTO RICO REGION. <MPR>. MD 2.5 (MPR).
22	23	17	45.6&	32.778	S	69.121	W	15				11	MENDOZA PROVINCE, ARGENTINA. <GUC>. MD 3.9 (GUC).
22	23	28	45.7&	34.161	S	70.092	W	6				11	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.3 (GUC).
22	23	28	56.3*	40.792	N	23.823	E	10	G		1.0	8	GREECE
22	23	46	58.5*	1.405	N	124.219	E	250	G		1.1	15	MINAHASSA PENINSULA, SULAWESI
23	01	25	35.0&	37.574	N	118.778	W	6				6	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM).
23	01	36	31.8	10.546	N	76.349	W	35	D	5.3 5.3	0.8	359	NORTH OF PANAMA. Mw 5.7 (HRV). Felt at Barranquilla, Cartagena and Sincelejo, Colombia. Short interruption of telephone service at Cartagena. Centroid, Moment Tensor (HRV): Centroid origin time 01:36:33.5; Lat 10.73 N; Lon 76.30 W; Dep 19.5; Half-duration 1.6 sec; Principal axes (scale 10**17 Nm): (T) Val=4.62, Plg=6, Azm=132; (N) Val=-1.37, Plg=82, Azm=358; (P) Val=-3.25, Plg=6, Azm=222; Best double couple: Mo=3.9*10**17 Nm; NP1: Strike=267, Dip=82, Slip=0; NP2: Strike=357, Dip=90, Slip=-172.
23	02	34	12.5&	41.763	S	174.155	E	16	*		0.9	11	COOK STRAIT, NEW ZEALAND. ML 3.7 (WEL).
23	02	52	34.8*	9.323	S	113.191	E	33	N	4.2	1.4	12	SOUTH OF JAWA, INDONESIA
23	03	46	31.1*	14.521	S	167.247	E	100	G	4.7	1.2	32	VANUATU ISLANDS
23	04	01	02.2*	39.107	N	26.515	E	10	G		1.1	6	TURKEY
23	04	45	25.4*	28.260	N	129.729	E	33	N		1.1	6	RYUKYU ISLANDS
23	05	47	43.5*	15.123	S	173.880	W	33	N	4.4	0.5	14	TONGA ISLANDS
23	06	06	36.0&	63.668	N	143.767	W	9				27	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC).
23	06	23	40.8&	19.350	N	65.090	W	53				7	PUERTO RICO REGION. <MPR>. MD 3.3 (MPR).
23	06	29	31.0&	43.000	N	0.300	W	12				4	PYRENEES. <LDG>. ML 2.1 (LDG).
23	06	39	08.6&	39.365	N	28.216	E	10	G		0.6	9	TURKEY. MD 3.0 (ISK).
23	07	02	24.0&	31.562	S	70.044	W	138				11	CHILE-ARGENTINA BORDER REGION. <GUC>.
23	07	14	27.1&	44.657	N	7.175	E	11				11	NORTHERN ITALY. <GEN>. ML 2.1 (GEN).
23	07	24	16.4&	44.660	N	7.177	E	11				11	NORTHERN ITALY. <GEN>. ML 2.1 (GEN).
23	07	39	29.2	9.145	S	117.114	E	112	*	4.8	1.0	23	SUMBAWA REGION, INDONESIA
23	07	44	43.3	7.543	S	108.907	E	124		4.6	1.3	44	JAWA, INDONESIA
23	07	57	23.0&	39.584	N	29.563	E	10	G			5	TURKEY. <ISK>. MD 2.7 (ISK).
23	08	20	16.4&	39.647	N	29.445	E	7				7	TURKEY. <ISK>. MD 2.7 (ISK).
23	08	34	57.0&	39.638	N	29.400	E	8				7	TURKEY. <ISK>. MD 2.6 (ISK).
23	08	38	32.6*	26.101	S	132.015	E	10	G	4.1	1.4	6	SOUTH AUSTRALIA
23	08	58	41.5&	39.131	N	27.558	E	5				4	TURKEY. <ISK>. MD 2.6 (ISK).
23	09	13	28.5&	32.607	N	116.077	W	10				21	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 2.9 (PAS). MD 3.0 (ECX).
23	09	14	45.2&	39.126	N	27.573	E	10	G			4	TURKEY. <ISK>. MD 2.7 (ISK).
23	09	33	34.5*	45.651	N	15.486	E	10	G		0.4	7	NORTHWESTERN BALKAN REGION. ML 1.9 (LJU).
23	09	42	27.3&	40.411	N	28.366	E	9				12	TURKEY. <ISK>. MD 3.1 (ISK).
23	10	20	42.9&	31.470	S	69.718	W	174				14	SAN JUAN PROVINCE, ARGENTINA. <GUC>. MD 3.9 (GUC).
23	10	58	41.7	23.770	N	45.102	W	10	G	5.2 5.1	0.9	238	NORTHERN MID-ATLANTIC RIDGE. Mw 5.5 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 10:58:46.9; Lat 23.75 N; Lon 45.05 W; Dep 15.0 Fix; Half-

													duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=1.84, Plg=0, Azm=55; (N) Val=-0.07, Plg=85, Azm=148; (P) Val=-1.77, Plg=5, Azm=325; Best double couple: Mo=1.8*10**17 Nm; NP1: Strike=100, Dip=86, Slip=-177; NP2: Strike=10, Dip=87, Slip=-4.
23	10	59	39.6&	40.236	N	29.201	E	8				4	TURKEY. <ISK>. MD 2.5 (ISK).
23	11	20	26.5&	31.163	S	71.717	W	17				9	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.7 (GUC).
23	12	54	19.3&	59.895	N	152.709	W	86				47	SOUTHERN ALASKA. <AEIC>.
23	12	56	36.2&	33.216	S	71.266	W	58				12	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 2.3 (GUC).
23	13	27	56.2*	34.259	S	179.920	E	150	G		1.1	15	SOUTH OF KERMADEC ISLANDS
23	13	39	27.0&	39.104	N	27.612	E	10	G			4	TURKEY. <ISK>. MD 2.6 (ISK).
23	13	48	53.9&	39.175	N	27.585	E	10	G			5	TURKEY. <ISK>. MD 2.7 (ISK).
23	13	54	17.0	34.569	N	136.077	E	40	D	4.5	1.0	39	WESTERN HONSHU, JAPAN. Felt (III JMA) in southeastern Kyoto, northern Nara and southern Shiga; (II JMA) in parts of Mie, Osaka and southeastern Wakayama Prefectures. Felt from southern Aichi Prefecture to southeastern Okayama Prefecture. Also felt (I JMA) in eastern Tokushima Prefecture, Shikoku.
23	14	12	11.3&	39.632	N	29.570	E	10	G			4	TURKEY. <ISK>. MD 2.6 (ISK).
23	14	12	18.2*	30.261	N	138.736	E	440	*	4.5	0.3	11	SOUTH OF HONSHU, JAPAN
23	14	36	54.6	58.358	S	13.792	W	10	G	5.2 4.6	0.9	23	SOUTHWESTERN ATLANTIC OCEAN. Mw 5.6 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 14:37:01.2; Lat 58.49 S; Lon 13.33 W; Dep 15.0 Fix; Half-duration 1.6 sec; Principal axes (scale 10**17 Nm): (T) Val=3.26, Plg=9, Azm=127; (N) Val=0.09, Plg=80, Azm=281; (P) Val=-3.34, Plg=5, Azm=36; Best double couple: Mo=3.3*10**17 Nm; NP1: Strike=172, Dip=80, Slip=177; NP2: Strike=262, Dip=87, Slip=10.
23	15	21	07.9	52.097	N	178.169	E	133	D	4.9	1.0	169	RAT ISLANDS, ALEUTIAN ISLANDS
23	16	12	30.6	33.310	N	140.771	E	54	*	4.6	0.7	42	SOUTH OF HONSHU, JAPAN. Felt (II JMA) on Hachijo-jima.
23	18	18	41.0*	25.095	N	142.455	E	66	D	4.7	1.0	23	VOLCANO ISLANDS REGION
23	18	35	48.8&	40.677	N	124.134	W	25				20	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 3.3 (GM). ML 3.3 (BRK).
23	18	37	16.7*	34.608	N	136.057	E	60	*		0.5	8	WESTERN HONSHU, JAPAN. Felt (II JMA) in western Nara and (I JMA) in southern Kyoto, central Mie, eastern Osaka and southern Shiga Prefectures.
23	19	08	39.6&	31.014	S	71.188	W	16				12	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.8 (GUC).
23	19	27	52.2*	54.193	S	131.133	W	10	G	4.6	0.3	8	PACIFIC-ANTARCTIC RIDGE
23	20	01	24.5&	19.420	N	65.280	W	49				8	PUERTO RICO REGION. <MPR>. MD 3.8 (MPR).
23	20	16	41.2	58.787	N	16.544	W	10	G	3.9	1.2	32	NORTH ATLANTIC OCEAN. ML 3.5 (BGS).
23	20	59	24.0&	38.460	N	118.390	W	7				18	CALIFORNIA-NEVADA BORDER REGION. <REN-P>. MD 3.1 (REN). ML 3.2 (BRK).
23	21	00	23.9&	38.800	N	30.330	E	10	G			5	TURKEY. <ISK>. MD 2.9 (ISK).
23	21	08	54.4*	23.847	N	126.734	E	33	N		1.1	10	SOUTHEAST OF RYUKYU ISLANDS
23	21	29	10.5	46.192	N	15.423	E	10	G		0.3	7	NORTHWESTERN BALKAN REGION. ML 2.4 (LJU), 1.9 (VIE).
23	21	54	02.5	33.560	S	72.267	W	33	N		0.9	18	OFF COAST OF CENTRAL CHILE. MD 4.6 (GUC). Felt (II) at San Antonio and Valparaiso.
23	22	32	07.4&	33.591	S	71.908	W	14				12	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.2 (GUC).
23	22	35	51.8	28.127	N	129.589	E	53	D	4.4	1.2	37	RYUKYU ISLANDS
23	22	37	55.8&	63.286	N	151.006	W	18				55	CENTRAL ALASKA. <AEIC>. ML 3.4 (AEIC), 3.6 (PMR).
23	23	17	49.2	18.830	S	169.250	E	262	*	5.1	1.0	124	VANUATU ISLANDS. Mw 5.3 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 23:17:45.8; Lat 19.16 S; Lon 169.43 E; Dep 249.0; Half-duration 1.1 sec; Principal axes (scale 10**17 Nm): (T) Val=1.08, Plg=25, Azm=56; (N) Val=-0.11, Plg=49, Azm=180; (P) Val=-0.97, Plg=29, Azm=311; Best double couple: Mo=1.0*10**17 Nm; NP1: Strike=95, Dip=50, Slip=-177; NP2: Strike=3, Dip=88, Slip=-41.
23	23	30	08.1&	46.200	N	7.800	E	2				5	SWITZERLAND. <LDG>. ML 1.8 (LDG).
23	23	32	54.9*	12.293	N	144.593	E	52	*		0.8	10	SOUTH OF MARIANA ISLANDS
23	23	37	26.3	52.948	N	160.124	E	33	N	4.8	0.8	100	OFF EAST COAST OF KAMCHATKA
23	23	44	15.2	8.191	N	82.991	W	33	N	4.4 4.2	1.0	55	PANAMA-COSTA RICA BORDER REGION. MD 4.7 (UPA).
23	23	48	05.3&	42.146	N	8.128	W	10	G		0.6	6	SPAIN. mbLg 2.5 (MDD).
23	23	50	29.8&	8.066	N	82.856	W	1				7	PANAMA-COSTA RICA BORDER REGION. <UPA>. MD 4.0 (UPA).
24	00	03	01.4&	8.105	N	82.863	W	1				6	PANAMA-COSTA RICA BORDER REGION. <UPA>. MD 3.9 (UPA).
24	00	51	28.9&	8.239	N	82.826	W	1				5	PANAMA-COSTA RICA BORDER REGION. <UPA>. MD 3.8 (UPA).
24	01	38	28.3?	57.57	N	33.42	W	10	G	4.3	1.2	7	NORTH ATLANTIC OCEAN
24	02	01	44.0&	40.443	N	28.866	E	14				4	TURKEY. <ISK>. MD 2.5 (ISK).
24	03	14	17.1&	8.043	N	82.871	W	1				7	PANAMA-COSTA RICA BORDER REGION. <UPA>. MD 4.3 (UPA).
24	03	33	25.6&	8.092	N	83.349	W	0				4	COSTA RICA. <UPA>. MD 3.9 (UPA).
24	04	36	15.1&	8.613	N	82.793	W	37				7	PANAMA-COSTA RICA BORDER REGION. <UPA>. MD 4.5 (UPA).
24	04	53	49.6?	37.08	N	21.32	E	33	N	3.7	1.3	9	SOUTHERN GREECE
24	05	04	34.2	34.493	N	26.639	E	33	N	3.9	1.1	19	CRETE
24	05	42	08.7*	2.380	N	126.869	E	33	N	4.3	1.0	6	NORTHERN MOLUCCA SEA
24	06	41	01.2&	19.210	N	64.570	W	55				10	VIRGIN ISLANDS. <MPR>. MD 3.5 (MPR).
24	06	52	50.2	2.033	S	128.410	E	100	G	4.4	1.2	22	CERAM SEA
24	06	59	07.7&	39.587	N	29.497	E	6				5	TURKEY. <ISK>. MD 2.6 (ISK).
24	07	09	43.2	2.264	N	126.168	E	100	G	4.5	0.7	20	NORTHERN MOLUCCA SEA
24	07	43	25.9	42.926	N	0.379	E	10	G		1.2	10	PYRENEES. ML 3.0 (LDG). mbLg 3.0 (MDD).
24	07	50	51.8&	39.569	N	29.562	E	10	G			4	TURKEY. <ISK>. MD 2.5 (ISK).
24	08	16	17.1&	32.098	S	71.595	W	22				8	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.3 (GUC).
24	08	17	14.8&	39.593	N	29.514	E	10	G			5	TURKEY. <ISK>. MD 2.5 (ISK).
24	08	34	48.2	10.571	N	76.261	W	33	N	4.6 4.1	1.0	71	NORTH OF PANAMA. MD 4.9 (UPA).
24	08	39	45.8&	45.000	N	6.700	E	2				4	FRANCE. <LDG>.
24	08	53	24.7?	23.68	S	179.89	E	600	G	4.3	0.6	22	SOUTH OF FIJI ISLANDS
24	09	03	05.4&	39.553	N	29.530	E	10	G			5	TURKEY. <ISK>. MD 2.6 (ISK).
24	09	33	06.3&	34.016	N	119.093	W	5				28	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
24	09	33	39.0&	10.370	N	76.562	W	10				5	NORTH OF PANAMA. <UPA>. MD 3.9 (UPA).
24	09	38	30.9&	33.315	S	71.769	W	27				10	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.3 (GUC).
24	10	17	43.5&	33.845	S	72.310	W	36				7	OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.3 (GUC).
24	10	44	30.8	37.295	S	17.391	W	10	G	5.7 5.8	1.0	241	SOUTHERN MID-ATLANTIC RIDGE. Mw 6.0 (HRV), 5.9 (GS). Me 6.1 (GS). Broadband Source Parameters (GS): Dep 11; NP1: Strike=31,

Dip=81, Slip=0; NP2: Strike=301, Dip=90, Slip=171; Radiated energy 2.9*10**13 Nm.
Moment Tensor (GS): Dep 7; Principal axes (scale 10**17 Nm): (T) Val=6.89, Plg=5, Azm=269; (N) Val=0.03, Plg=22, Azm=1; (P) Val=-6.93, Plg=68, Azm=168; Best double couple: Mo=6.9*10**17 Nm; NP1: Strike=337, Dip=45, Slip=-122; NP2: Strike=198, Dip=53, Slip=-62.
Centroid, Moment Tensor (HRV): Centroid origin time 10:44:36.0; Lat 37.36 S; Lon 17.11 W; Dep 15.0 Fix; Half-duration 2.1 sec; Principal axes (scale 10**17 Nm): (T) Val=9.84, Plg=4, Azm=264; (N) Val=0.04, Plg=13, Azm=355; (P) Val=-9.88, Plg=76, Azm=156; Best double couple: Mo=9.9*10**17 Nm; NP1: Strike=340, Dip=42, Slip=-110; NP2: Strike=186, Dip=51, Slip=-73.

24	10	49	46.8*	10.276	S	161.143	E	102	*		0.3	6	SOLOMON ISLANDS
24	11	35	03.1*	42.662	N	144.770	E	100	G	4.3	1.1	14	HOKKAIDO, JAPAN REGION
24	12	41	05.7&	37.587	N	118.784	W	8				66	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. Mw 3.9 (BRK). ML 4.1 (GM), 4.0 (BRK). Moment Tensor (BRK): Dep 8; Principal axes (scale 10**14 Nm): (T) Val=8.40, Plg=4. Azm=87; (N) Val=0.00, Plg=32, Azm=180; (P) Val=-8.40, Plg=58, Azm=352; Best double couple: Mo=8.4*10**14 Nm; NP1: Strike=24, Dip=57, Slip=-50; NP2: Strike=148, Dip=50, Slip=-134.
24	12	51	21.2&	39.124	N	27.673	E	10	G			4	TURKEY. <ISK>. MD 2.8 (ISK).
24	13	39	02.9&	62.427	N	151.395	W	86				12	CENTRAL ALASKA. <AEIC>.
24	14	52	29.9	36.059	N	140.015	E	86		4.9	0.9	127	NEAR EAST COAST OF HONSHU, JAPAN
24	14	53	22.7*	14.904	S	75.005	W	67	*	4.3	0.9	23	NEAR COAST OF PERU
24	15	12	46.0&	39.133	N	27.696	E	10	G			4	TURKEY. <ISK>. MD 2.7 (ISK).
24	15	20	01.3*	32.502	N	87.954	W	5	G		1.3	7	ALABAMA. mbLg 3.4 (GS).
24	15	53	17.8&	47.766	N	121.877	W	6				37	WASHINGTON. <SEA-P>. MD 2.6 (SEA). Felt.
24	16	12	10.6*	7.235	S	145.764	E	185	*	4.3	0.9	17	NEAR S COAST OF NEW GUINEA, PNG.
24	16	32	12.7&	33.948	S	70.490	W	13				9	CHILE-ARGENTINA BORDER REGION. <GUC>.
24	17	19	42.4	49.596	S	164.260	E	33	N	4.7	1.2	40	AUCKLAND ISLANDS REGION
24	17	47	56.9*	18.811	S	173.532	W	33	N	4.4	0.9	21	TONGA ISLANDS
24	18	14	44.9*	30.610	S	178.107	W	150	G	5.0	1.2	31	KERMADEC ISLANDS, NEW ZEALAND
24	18	38	09.7&	38.866	N	26.188	E	10	G			4	AEGEAN SEA. <ISK>. MD 2.9 (ISK).
24	19	10	18.0	1.473	N	121.996	E	500	G	4.2	0.8	28	MINAHASSA PENINSULA, SULAWESI
24	19	29	43.4	45.950	N	3.075	E	10	G		0.5	11	FRANCE. ML 2.4 (LDG), 2.2 (STR).
24	19	50	19.3&	33.749	S	70.631	W	89				10	CHILE-ARGENTINA BORDER REGION. <GUC>.
24	20	54	29.0&	33.068	S	70.386	W	97				8	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.7 (GUC).
24	21	16	36.4&	33.139	S	70.846	W	15				8	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.2 (GUC).
24	21	30	49.1	34.190	N	139.072	E	33	N	4.6 4.3	1.0	69	NEAR S. COAST OF HONSHU, JAPAN. Felt (III JMA) on Kozu-shima, (II JMA) on Miyake-jima and (I JMA) on O-shima and in southeastern Shizuoka Prefecture.
24	22	17	33.2&	29.675	S	72.166	W	33	N			13	OFF COAST OF CENTRAL CHILE. <GUC>. MD 4.3 (GUC).
24	22	43	03.1*	6.725	N	126.269	E	33	N	4.5	1.4	12	MINDANAO, PHILIPPINE ISLANDS
24	22	51	10.9?	31.51	S	69.20	W	100	G		1.2	13	SAN JUAN PROVINCE, ARGENTINA. MD 4.1 (GUC).
24	22	51	24.9&	17.740	N	66.330	W	17				11	PUERTO RICO REGION. <MPR>. MD 3.6 (MPR).
24	23	03	04.8&	17.690	N	66.330	W	27				5	PUERTO RICO REGION. <MPR>. MD 2.5 (MPR).
24	23	46	45.0&	18.600	N	67.020	W	94				12	MONA PASSAGE. <MPR>. MD 2.9 (MPR).
25	00	32	52.7	42.974	N	12.752	E	10	G	3.6	1.0	114	CENTRAL ITALY. ML 4.2 (VIE), 4.0 (STR), 3.7 (LDG). MD 3.7 (ROM).
25	00	39	37.3*	42.688	N	13.167	E	10	G		1.1	11	CENTRAL ITALY
25	00	44	43.5	43.089	N	12.601	E	10	G		1.3	58	CENTRAL ITALY. ML 4.0 (VIE), 3.6 (LDG).
25	01	48	32.0&	37.150	N	116.600	W	8				7	SOUTHERN NEVADA. <REN-P>. MD 3.1 (REN).
25	02	04	10.0&	44.317	N	7.433	E	10				4	NORTHERN ITALY. <GEN>. ML 1.4 (GEN).
25	02	15	48.5	52.704	N	34.797	W	10	G	4.8 4.7	0.8	204	NORTH ATLANTIC OCEAN. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 02:15:51.7; Lat 52.62 N; Lon 34.88 W; Dep 15.0 Fix; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=0.99, Plg=30, Azm=44; (N) Val=0.34, Plg=10, Azm=308; (P) Val=-1.33, Plg=58, Azm=201; Best double couple: Mo=1.2*10**17 Nm; NP1: Strike=162, Dip=18, Slip=-55; NP2: Strike=305, Dip=75, Slip=-101.
25	02	21	16.8&	38.822	N	122.794	W	5				12	NORTHERN CALIFORNIA. <GM-P>. MD 2.9 (GM).
25	02	31	36.9	3.559	N	126.635	E	33	N	4.9	1.0	62	TALAUD ISLANDS, INDONESIA
25	02	44	10.8	41.332	N	20.004	E	10	G	3.3	1.2	25	ALBANIA. ML 3.1 (ROM).
25	02	47	53.5&	53.450	N	1.200	W	1				7	UNITED KINGDOM. <BGS>. ML 1.9 (BGS). Felt (III) at Stainton.
25	02	55	42.4?	29.94	S	177.51	W	33	N	3.9	0.3	7	KERMADEC ISLANDS, NEW ZEALAND
25	03	17	41.9	52.741	N	34.862	W	10	G	4.3	0.8	71	NORTH ATLANTIC OCEAN
25	03	32	52.5&	33.169	N	116.107	W	6	G			21	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS). MD 2.8 (ECX).
25	03	53	02.6&	32.671	S	70.749	W	92				9	CHILE-ARGENTINA BORDER REGION. <GUC>.
25	04	07	09.4&	18.680	N	65.990	W	68				11	PUERTO RICO REGION. <MPR>. MD 3.1 (MPR).
25	04	13	28.1&	31.092	S	71.531	W	25				11	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.9 (GUC).
25	04	17	34.4	22.449	N	125.268	E	33	N	4.3	1.1	19	SOUTHEAST OF TAIWAN
25	04	29	12.5&	44.335	N	7.265	E	12				12	NORTHERN ITALY. <GEN>. ML 2.0 (GEN), 1.9 (LDG).
25	05	11	54.8&	34.462	S	70.670	W	109				11	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.5 (GUC).
25	05	41	09.4	13.658	N	45.542	W	10	G	4.9 4.7	1.0	122	NORTHERN MID-ATLANTIC RIDGE. Mw 5.3 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 05:41:14.4; Lat 13.70 N; Lon 45.75 W; Dep 15.0 Fix; Half-duration 1.1 sec; Principal axes (scale 10**17 Nm): (T) Val=1.06, Plg=19, Azm=153; (N) Val=-0.14, Plg=61, Azm=23; (P) Val=-0.92, Plg=20, Azm=250; Best double couple: Mo=9.9*10**16 Nm; NP1: Strike=291, Dip=61, Slip=-1; NP2: Strike=22, Dip=89, Slip=-151.
25	05	59	25.0	40.379	N	143.679	E	33	N	4.5	1.2	41	OFF EAST COAST OF HONSHU, JAPAN
25	06	19	17.5	6.291	N	126.813	E	206	*	4.7	0.9	42	MINDANAO, PHILIPPINE ISLANDS
25	06	39	20.3	41.547	N	80.137	E	33	N	5.2 4.7	0.8	225	SOUTHERN XINJIANG, CHINA. Mw 5.1 (HRV). Felt strongly in the Aksu area. Also felt (IV) at Almaty, Kazakhstan and (II) at Bishkek, Kyrgyzstan. Centroid, Moment Tensor (HRV): Centroid origin time 06:39:19.9; Lat 41.16 N; Lon 80.44 E; Dep 15.1; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T;

Val=6.20, Plg=61, Azm=282; (N) Val=-1.38, Plg=17, Azm=45; (P) Val=-4.81, Plg=22, Azm=143; Best double couple: Mo=5.5*10**16 Nm; NP1: Strike=262, Dip=27, Slip=129; NP2: Strike=39, Dip=69, Slip=72..

25	07	39	01.5	20.003	S	133.714	E	10	G	3.9	1.3	18	NORTHERN TERRITORY, AUSTRALIA
25	08	27	40.9?	5.84	S	134.61	E	33	N	4.1	1.4	8	ARU ISLANDS REGION, INDONESIA
25	08	32	39.7&	39.131	N	27.620	E	10	G			5	TURKEY. <ISK>. MD 2.7 (ISK).
25	08	45	57.1&	60.096	N	152.957	W	117				68	SOUTHERN ALASKA. <AEIC>.
25	09	13	10.1&	39.613	N	29.482	E	10	G			4	TURKEY. <ISK>. MD 2.6 (ISK).
25	09	32	58.5&	39.123	N	27.671	E	10	G			4	TURKEY. <ISK>. MD 2.7 (ISK).
25	10	10	03.0*	39.914	N	24.035	E	10	G		1.2	7	AEGEAN SEA
25	10	28	11.1?	17.56	S	178.42	W	600	G	4.0	0.7	10	FIJI ISLANDS REGION
25	11	11	59.8	43.339	N	126.914	W	10	G	3.9	0.6	82	OFF COAST OF OREGON
25	11	13	53.9&	36.810	N	3.000	W	0	G			7	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.2 (MDD).
25	11	53	38.0*	2.164	S	133.836	E	33	N	4.0	1.1	15	IRIAN JAYA REGION, INDONESIA
25	12	37	03.4*	14.970	N	122.635	E	80	D	4.5	1.0	17	LUZON, PHILIPPINE ISLANDS
25	12	53	29.5&	38.927	N	29.448	E	8				4	TURKEY. <ISK>. MD 3.0 (ISK).
25	13	04	10.0*	40.082	N	24.196	E	10	G		1.5	7	AEGEAN SEA
25	13	15	24.5*	48.144	N	151.532	E	200	G	4.0	1.2	11	KURIL ISLANDS
25	13	40	52.6&	39.635	N	29.403	E	5				4	TURKEY. <ISK>. MD 2.7 (ISK).
25	13	51	15.2*	37.452	N	71.771	E	123	?	4.0	0.9	14	AFGHANISTAN-TAJIKISTAN BORD REG.
25	14	01	16.1?	7.41	N	126.07	E	33	N	4.0	1.4	6	MINDANAO, PHILIPPINE ISLANDS
25	14	34	59.7*	43.663	N	147.402	E	33	N	4.3	1.2	12	KURIL ISLANDS
25	17	04	09.2	15.680	S	75.050	W	33	N	4.7 4.7	0.9	47	NEAR COAST OF PERU. Mw 5.3 (HRV).

Centroid, Moment Tensor (HRV): Centroid origin time 17:04:13.1; Lat 15.78 S; Lon 75.26 W; Dep 24.8; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=1.05, Plg=55, Azm=102; (N) Val=0.05, Plg=21, Azm=339; (P) Val=-1.10, Plg=27, Azm=238; Best double couple: Mo=1.1*10**17 Nm; NP1: Strike=288, Dip=26, Slip=36; NP2: Strike=165, Dip=75, Slip=112.

25	17	16	52.7&	62.398	N	149.302	W	56				46	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
25	17	18	28.7&	31.129	S	71.753	W	22				10	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.8 (GUC).
25	17	26	06.4*	6.068	S	146.658	E	52	*	4.2	1.0	24	EASTERN NEW GUINEA REG., P.N.G.
25	18	37	21.3&	33.043	S	71.013	W	63				12	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 2.0 (GUC).
25	19	03	03.6	51.581	N	16.125	E	5	G		0.6	10	POLAND. ML 3.2 (VIE), 3.0 (WAR), 2.6 (CLL).
25	20	02	02.2&	53.411	N	1.168	W	1				5	UNITED KINGDOM. <BGS>. ML 1.6 (BGS).
25	20	21	59.4	5.739	S	150.354	E	100	G	4.1	0.8	18	NEW BRITAIN REGION, P.N.G.
25	20	33	00.1*	15.651	S	75.254	W	33	N	4.0	1.5	17	NEAR COAST OF PERU
25	20	33	03.3&	37.483	N	118.954	W	4				31	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.3 (GM). ML 3.5 (BRK).
25	20	34	10.3?	10.37	S	120.75	E	33	N	3.9	1.5	6	SUMBA REGION, INDONESIA
25	20	37	30.2&	37.479	N	118.950	W	0				12	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.7 (GM). ML 3.4 (BRK).
25	20	41	48.8&	8.278	N	82.997	W	3				5	PANAMA-COSTA RICA BORDER REGION. <UPA>. MD 3.9 (UPA).
25	21	03	44.9	17.733	N	61.572	W	45		5.0 5.0	0.8	279	LEEWARD ISLANDS. Mw 5.6 (HRV). MD 4.9 (TRN).

Centroid, Moment Tensor (HRV): Centroid origin time 21:03:47.8; Lat 17.75 N; Lon 61.67 W; Dep 27.0 Bdy; Half-duration 1.5 sec; Principal axes (scale 10**17 Nm): (T) Val=2.81, Plg=63, Azm=240; (N) Val=0.15, Plg=0, Azm=149; (P) Val=-2.96, Plg=27, Azm=59; Best double couple: Mo=2.9*10**17 Nm; NP1: Strike=148, Dip=18, Slip=89; NP2: Strike=329, Dip=72, Slip=90.

25	21	16	32.6&	17.767	N	61.573	W	26				6	LEEWARD ISLANDS. <FDF>. MG 3.8 (FDF).
25	21	18	14.7&	33.155	S	70.262	W	3				11	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.1 (GUC).
25	21	25	37.7*	22.404	N	121.360	E	33	N		1.5	11	TAIWAN REGION
25	21	28	48.9&	63.155	N	149.713	W	98				72	CENTRAL ALASKA. <AEIC>.
25	21	50	41.3&	17.547	N	61.619	W	1				6	LEEWARD ISLANDS. <FDF>. MG 3.8 (FDF).
25	22	08	56.9*	15.769	S	75.359	W	33	N	4.3	1.1	14	NEAR COAST OF PERU
25	22	48	34.2&	32.438	S	69.935	W	132				12	MENDOZA PROVINCE, ARGENTINA. <GUC>. MD 2.7 (GUC).
25	22	51	55.5	50.261	N	130.028	W	10	G	5.0 4.8	0.9	185	VANCOUVER ISLAND REGION. Mw 5.4 (HRV). ML 4.5 (PGC).

Centroid, Moment Tensor (HRV): Centroid origin time 22:51:57.2; Lat 50.03 N; Lon 130.34 W; Dep 15.0 Fix; Half-duration 1.1 sec; Principal axes (scale 10**17 Nm): (T) Val=1.06, Plg=4, Azm=287; (N) Val=0.21, Plg=61, Azm=24; (P) Val=-1.27, Plg=29, Azm=195; Best double couple: Mo=1.2*10**17 Nm; NP1: Strike=335, Dip=67, Slip=-161; NP2: Strike=237, Dip=73, Slip=-24.

26	00	25	52.9&	18.630	N	64.240	W	53				4	VIRGIN ISLANDS. <MPR>. MD 3.4 (MPR).
26	01	23	52.6	29.949	N	69.359	E	33	N	4.9 4.9	1.0	155	PAKISTAN. Mw 5.1 (HRV).

Centroid, Moment Tensor (HRV): Centroid origin time 01:23:55.8; Lat 30.00 N; Lon 69.68 E; Dep 33.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=5.14, Plg=32, Azm=229; (N) Val=0.64, Plg=58, Azm=49; (P) Val=-5.78, Plg=0, Azm=139; Best double couple: Mo=5.5*10**16 Nm; NP1: Strike=269, Dip=68, Slip=156; NP2: Strike=8, Dip=68, Slip=24.

26	02	13	03.6&	33.014	S	72.020	W	15				11	OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.4 (GUC).
26	02	24	10.2	44.681	N	37.501	E	33	N	4.1	0.9	37	NORTHWESTERN CAUCASUS. Felt (IV) at Abrau-Dyurso, Anapa, Novorossiysk, Sukko and Varvarovka, Russia.
26	02	55	29.1?	36.56	N	70.76	E	33	N	4.0	1.1	6	HINDU KUSH REGION, AFGHANISTAN
26	03	03	15.0	51.579	N	16.161	E	5	G		1.0	55	POLAND. ML 4.3 (GRF), 4.0 (WAR), 4.0 (VIE), 4.0 (FUR).
26	04	38	37.9*	6.370	S	148.756	E	68	D	4.4	1.0	13	NEW BRITAIN REGION, P.N.G.
26	05	23	08.8&	37.044	N	28.954	E	10	G			5	TURKEY. <ISK>. MD 3.2 (ISK).
26	05	24	08.6*	37.082	N	28.986	E	10	G		1.3	8	TURKEY. MD 3.5 (ISK).
26	05	42	09.4&	61.966	N	149.096	W	42				30	SOUTHERN ALASKA. <AEIC>. ML 3.2 (AEIC), 2.9 (PMR).
26	05	43	37.3&	15.943	N	61.436	W	95				8	LEEWARD ISLANDS. <FDF>. MG 3.0 (FDF).
26	05	47	35.8&	37.070	N	28.921	E	10	G			4	TURKEY. <ISK>. MD 3.2 (ISK).
26	06	03	26.5*	62.350	S	155.149	E	10	G	4.3	0.8	19	BALLENY ISLANDS REGION
26	06	08	07.7&	37.067	N	28.918	E	10	G			5	TURKEY. <ISK>. MD 3.3 (ISK).
26	06	51	02.4&	40.536	N	27.993	E	10	G			5	TURKEY. <ISK>. MD 2.7 (ISK).
26	07	39	11.3*	17.752	N	95.937	E	10	G		1.5	7	MYANMAR
26	07	39	42.9&	15.949	N	61.391	W	99				5	LEEWARD ISLANDS. <FDF>. MD 2.9 (TRN).

26	07	56	33.5&	39.140	N	27.579	E	5				4	TURKEY. <ISK>. MD 2.7 (ISK).
26	08	28	42.3&	32.629	S	71.501	W	27				13	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.8 (GUC).
26	08	42	46.9	86.975	N	55.211	E	10	G	4.5	1.2	23	NORTH OF FRANZ JOSEF LAND
26	08	43	55.0?	11.24	S	118.31	E	33	N	3.7	0.9	5	SOUTH OF SUMBAWA, INDONESIA
26	09	01	18.2&	39.618	N	29.398	E	10	G			4	TURKEY. <ISK>. MD 2.7 (ISK).
26	09	05	27.0	52.099	N	178.530	E	128	*	4.0	0.9	22	RAT ISLANDS, ALEUTIAN ISLANDS
26	09	26	54.0%	87.265	N	26.015	E	10	G		1.4	6	NORTH OF SVALBARD
26	09	42	12.4?	17.99	S	178.11	W	600	G	4.1	1.0	18	FIJI ISLANDS REGION
26	09	45	03.4?	8.78	S	120.50	E	33	N	3.7	1.5	6	FLORES REGION, INDONESIA
26	09	51	31.2	6.401	S	154.346	E	103		4.9	1.1	74	SOLOMON ISLANDS
26	10	09	45.9	59.259	N	145.611	W	33	N		0.9	41	GULF OF ALASKA. ML 4.1 (PMR), 3.8 (AEIC).
26	10	31	58.4*	54.888	N	161.765	E	33	N	3.6	0.7	11	NEAR EAST COAST OF KAMCHATKA
26	10	43	03.9&	34.243	S	70.104	W	8				12	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.4 (GUC).
26	11	03	48.3*	37.410	N	70.351	E	100	G	4.2	1.3	18	AFGHANISTAN-TAJIKISTAN BORD REG.
26	11	28	32.1	38.806	S	175.770	E	5	G		0.9	16	NORTH ISLAND, NEW ZEALAND. ML 4.5 (WEL). Felt at Otorohanga.
26	11	45	42.5	15.168	S	173.717	W	39	D	5.0 5.1	0.9	98	TONGA ISLANDS. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 11:45:50.4; Lat 15.01 S; Lon 173.34 W; Dep 59.0; Half-duration 1.3 sec; Principal axes (scale 10**17 Nm): (T) Val=1.59, Plg=43, Azm=184; (N) Val=-0.20, Plg=13, Azm=286; (P) Val=-1.39, Plg=44, Azm=29; Best double couple: Mo=1.5*10**17 Nm; NP1: Strike=200, Dip=13, Slip=-176: NP2: Strike=106, Dip=89, Slip=-77.
26	12	05	51.1	53.049	N	169.073	W	66	D	4.4	1.1	34	FOX ISLANDS, ALEUTIAN ISLANDS. ML 4.3 (AEIC).
26	12	10	10.4	52.949	N	168.903	W	63	D	4.5	1.1	53	FOX ISLANDS, ALEUTIAN ISLANDS. ML 4.4 (AEIC).
26	12	16	26.5&	39.625	N	29.392	E	7				5	TURKEY. <ISK>. MD 2.6 (ISK).
26	12	16	54.8&	36.083	N	120.037	W	9				11	CENTRAL CALIFORNIA. <GM-P>. MD 2.8 (GM). ML 2.9 (PAS).
26	12	20	47.5	24.844	N	122.857	E	54	*	4.4	1.2	27	TAIWAN REGION
26	12	51	51.3&	44.400	N	7.500	E	2				12	NORTHERN ITALY. <LDG>. ML 2.6 (LDG).
26	13	03	55.4*	5.835	S	147.033	E	134		4.2	1.3	18	EASTERN NEW GUINEA REG., P.N.G.
26	13	46	51.1?	20.29	S	167.51	E	33	N		1.4	9	LOYALTY ISLANDS
26	13	51	03.0&	39.162	N	27.625	E	10	G			4	TURKEY. <ISK>. MD 2.6 (ISK).
26	14	11	08.3&	30.766	S	71.667	W	53				11	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.1 (GUC).
26	15	08	54.4&	33.527	S	71.159	W	76				11	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 2.2 (GUC).
26	15	47	35.7?	53.28	S	157.62	E	10	G	4.2	1.4	12	MACQUARIE ISLANDS REGION
26	15	51	39.9*	32.761	N	138.299	E	343	*	4.0	0.9	8	SOUTH OF HONSHU, JAPAN
26	16	20	14.0&	33.125	S	70.269	W	7				10	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.0 (GUC).
26	16	55	47.5&	33.028	N	115.878	W	4				39	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.9 (PAS). MD 3.9 (ECX).
26	17	55	26.3	0.103	S	125.094	E	57	*	4.6	1.2	49	SOUTHERN MOLUCCA SEA
26	18	06	53.6	8.254	S	156.394	E	33	N	4.4	1.0	22	SOLOMON ISLANDS
26	18	52	32.4&	35.376	S	71.540	W	71				12	CENTRAL CHILE. <GUC>. MD 3.6 (GUC). Felt (III) at Talca and (II) at Curico.
26	19	31	20.6	41.309	N	20.048	E	10	G	3.6	0.9	22	ALBANIA
26	19	37	04.8*	29.298	S	177.544	W	150	G	4.5	1.3	46	KERMADEC ISLANDS, NEW ZEALAND
26	19	49	32.6&	32.226	S	70.077	W	121				14	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.7 (GUC).
26	20	07	41.8&	37.593	N	118.807	W	6				64	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. Mw 4.0 (BRK). ML 4.3 (GM), 4.2 (BRK). Moment Tensor (BRK): Dep 8; Principal axes (scale 10**15 Nm): (T) Val=1.20, Plg=4, Azm=257; (N) Val=0.00, Plg=83, Azm=16; (P) Val=-1.20, Plg=6, Azm=167; Best double couple: Mo=1.2*10**15 Nm; NP1: Strike=212, Dip=88, Slip=-7; NP2: Strike=302, Dip=83, Slip=-178.
26	20	08	07.4	24.466	S	179.728	E	550	G	4.4	0.8	38	SOUTH OF FIJI ISLANDS
26	20	47	45.6*	32.963	N	77.876	E	33	N	3.6	0.7	10	KASHMIR-INDIA BORDER REGION
26	21	28	01.0*	17.337	N	121.363	E	33	N	4.2	1.3	26	LUZON, PHILIPPINE ISLANDS
26	21	38	53.8*	13.445	N	120.697	E	100	G	4.4	0.6	10	MINDORO, PHILIPPINE ISLANDS
26	22	10	05.6*	59.374	S	27.126	W	33	N	4.6	1.1	11	SOUTH SANDWICH ISLANDS REGION
26	22	15	18.4&	33.375	S	71.275	W	56				13	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.2 (GUC).
26	22	46	39.2&	33.252	S	70.446	W	72				11	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.3 (GUC).
26	22	52	28.4&	32.249	S	71.878	W	35				14	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.2 (GUC).
26	23	31	55.3&	35.238	S	70.536	W	5				11	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.6 (GUC).
26	23	42	52.0	45.323	N	150.262	E	70	*	4.4	0.7	48	KURIL ISLANDS
27	00	01	32.9&	60.239	N	152.928	W	113				38	SOUTHERN ALASKA. <AEIC>.
27	00	21	57.1*	56.155	S	27.058	W	100	G	4.5	0.8	9	SOUTH SANDWICH ISLANDS REGION
27	01	06	06.1&	34.569	S	72.439	W	22				12	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.7 (GUC).
27	01	17	31.6*	32.380	S	112.058	W	10	G	4.8	0.6	10	SOUTHERN EAST PACIFIC RISE
27	01	24	56.2?	3.86	S	142.28	E	33	N	4.0	1.4	9	NEAR N COAST OF NEW GUINEA, PNG.
27	03	20	08.3*	37.518	N	70.059	E	33	N	3.6	1.0	10	AFGHANISTAN-TAJIKISTAN BORD REG.
27	03	31	17.9	44.255	N	9.692	E	10	G		0.8	47	NORTHERN ITALY. ML 3.0 (STR), 2.9 (LDG).
27	05	05	34.5	7.360	S	129.847	E	112	*	4.2	0.9	21	BANDA SEA
27	05	23	30.2*	2.689	N	128.774	E	33	N	4.6	0.9	17	HALMAHERA, INDONESIA
27	06	49	46.2*	42.676	N	142.747	E	33	N	4.0	0.9	12	HOKKAIDO, JAPAN REGION. Felt in southeastern Hokkaido.
27	07	01	53.3	30.799	S	121.674	E	10	G	3.8	1.2	11	WESTERN AUSTRALIA
27	07	18	52.5*	37.064	N	69.946	E	100	G	4.3	1.4	22	AFGHANISTAN-TAJIKISTAN BORD REG.
27	07	32	38.1	5.638	S	122.545	E	33	N	4.6	1.1	22	SULAWESI, INDONESIA
27	07	44	45.8	37.064	N	69.972	E	100	G	4.4	1.2	29	AFGHANISTAN-TAJIKISTAN BORD REG.
27	08	01	18.0*	4.893	S	144.697	E	33	N	3.3	1.3	10	NEAR N COAST OF NEW GUINEA, PNG.
27	08	03	06.0	10.373	N	126.312	E	33	N	4.8	0.9	41	PHILIPPINE ISLANDS REGION
27	09	02	57.0*	21.421	S	170.694	E	100	G	4.5	1.1	26	LOYALTY ISLANDS REGION
27	09	05	59.2	27.675	N	85.568	E	33	N	4.9 4.0	0.7	85	NEPAL. Felt in the epicentral area.
27	09	08	07.4	5.195	S	144.789	E	51	*	4.2	1.1	27	NEW GUINEA, PAPUA NEW GUINEA
27	09	31	29.1&	31.900	S	69.937	W	149				9	SAN JUAN PROVINCE, ARGENTINA. <GUC>. MD 2.2 (GUC).
27	09	47	45.8&	39.243	N	27.744	E	10	G			5	TURKEY. <ISK>. MD 2.7 (ISK).
27	09	53	45.3*	31.971	S	69.192	W	100	G		1.0	13	SAN JUAN PROVINCE, ARGENTINA. MD 3.7 (GUC).
27	10	11	07.8&	20.054	N	156.308	W	52				28	HAWAII. <HVO-P>. MD 4.8 (HVO). Felt at Holualoa, Kaloko, Kona Highlands, Kona Palisades, Papaikou and Waimea. Also felt at Haiku, Kihei, Kula, Makawao and Pukalani, Maui.
27	10	17	10.6*	37.350	N	69.775	E	33	N	3.7	0.9	9	AFGHANISTAN-TAJIKISTAN BORD REG.
27	10	20	44.3*	49.828	N	126.749	W	10	G	3.2	1.1	19	VANCOUVER ISLAND REGION
27	10	57	12.1&	44.476	N	6.818	E	0				18	FRANCE. <GEN>. ML 2.1 (GEN), 2.0 (LDG), 1.6 (STR).
27	11	44	10.5*	3.727	S	141.567	E	33	N	3.4	1.3	9	NEW GUINEA, PAPUA NEW GUINEA
27	12	06	03.5*	4.673	S	144.938	E	33	N	3.1	1.2	6	NEAR N COAST OF NEW GUINEA, PNG.
27	12	10	59.1&	45.400	N	6.600	E	2				4	FRANCE. <LDG>. ML 1.5 (LDG).

27	13	14	01.4&	44.300	N	10.000	E	2				7	NORTHERN ITALY. <LDG>. ML 2.2 (LDG).
27	13	17	14.3?	5.89	S	104.90	E	33	N		1.2	10	SOUTHERN SUMATERA, INDONESIA
27	13	19	01.8	2.825	S	133.977	E	33	N	4.8	1.2	31	IRIAN JAYA REGION, INDONESIA
27	13	55	52.0	36.878	N	35.307	E	33	N	5.8 6.2	1.3	409	TURKEY. Mw 6.3 (HRV), 6.2 (GS). Me 6.6 (GS). Ms 6.3 (BRK). MD 6.3 (ISK). ML 5.9 (GII). At least 145 people killed and more than 1,500 injured in the Adana and Ceyhan areas. At least 6 major buildings collapsed and about 17,000 houses destroyed in Adana Province. Felt in Cyprus, Israel and Syria. Broadband Source Parameters (GS): Dep 16; NP1: Strike=60, Dip=75, Slip=15; NP2: Strike=326, Dip=76, Slip=164; Radiated energy 1.8*10**14 Nm. Complex earthquake, with at least one larger event occurring about 3.0 seconds after the onset. Depth based on second event. Moment Tensor (GS): Dep 13; Principal axes (scale 10**18 Nm): (T) Val=2.58, Plg=16, Azm=277; (N) Val=-0.29, Plg=74, Azm=87; (P) Val=-2.28, Plg=3, Azm=186; Best double couple: Mo=2.4*10**18 Nm; NP1: Strike=320, Dip=77, Slip=171; NP2: Strike=52, Dip=81, Slip=13. Centroid, Moment Tensor (HRV): Centroid origin time 13:55:59.4; Lat 36.87 N; Lon 35.58 E; Dep 29.5 Fix; Half-duration 3.5 sec; Principal axes (scale 10**18 Nm): (T) Val=2.85, Plg=17, Azm=277; (N) Val=0.22, Plg=73, Azm=84; (P) Val=-3.07, Plg=4, Azm=186; Best double couple: Mo=3.0*10**18 Nm; NP1: Strike=321, Dip=75, Slip=171; NP2: Strike=53, Dip=81, Slip=15.
27	14	02	51.8&	17.860	N	66.910	W	22				4	PUERTO RICO REGION. <MPR>. MD 2.5 (MPR).
27	14	07	37.2&	36.806	N	35.614	E	10	G			7	TURKEY. <ISK>. MD 4.2 (ISK).
27	14	14	27.1&	37.184	N	35.813	E	13				5	TURKEY. <ISK>. MD 3.5 (ISK).
27	14	15	35.8	36.949	N	35.638	E	10	G	4.2	1.5	32	TURKEY. MD 4.1 (ISK). ML 4.1 (CSS), 4.1 (GII).
27	15	12	18.4&	36.969	N	35.699	E	7				5	TURKEY. <ISK>. MD 3.5 (ISK).
27	15	13	54.9*	18.882	S	173.412	W	33	N	4.4	1.2	35	TONGA ISLANDS
27	15	30	28.5&	31.576	S	69.994	W	144				10	SAN JUAN PROVINCE, ARGENTINA. <GUC>.
27	15	44	04.7&	33.158	S	70.272	W	3				13	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.2 (GUC).
27	17	07	01.3	1.085	N	126.355	E	50	*	5.2 4.7	1.1	107	NORTHERN MOLUCCA SEA. Mw 5.3 (HRV). Felt (III) on Ternate, Indonesia. Centroid, Moment Tensor (HRV): Centroid origin time 17:07:03.6; Lat 1.67 N; Lon 126.13 E; Dep 34.8; Half-duration 1.0 sec; Principal axes (scale 10**17 Nm): (T) Val=1.12, Plg=65, Azm=308; (N) Val=-0.10, Plg=5, Azm=49; (P) Val=-1.02, Plg=25, Azm=142; Best double couple: Mo=1.1*10**17 Nm; NP1: Strike=244, Dip=21, Slip=105; NP2: Strike=47, Dip=70, Slip=84.
27	17	21	43.5*	20.352	S	168.316	E	33	N	4.6	1.4	37	LOYALTY ISLANDS
27	18	46	22.2	15.805	S	179.083	E	33	N	4.8 4.6	0.9	59	FIJI ISLANDS
27	18	54	41.2	36.964	N	35.686	E	33	N		0.7	20	TURKEY. ML 4.1 (GII). MD 4.0 (ISK).
27	19	22	49.7&	36.997	N	35.758	E	10				6	TURKEY. <ISK>. MD 3.5 (ISK).
27	20	03	07.3&	36.969	N	35.651	E	10	G			6	TURKEY. <ISK>. MD 3.7 (ISK).
27	20	13	58.1&	37.480	N	118.958	W	1				13	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM). ML 3.0 (BRK).
27	20	22	07.8&	42.720	N	4.620	E	2				5	WESTERN MEDITERRANEAN SEA. <STR>. ML 2.1 (STR).
27	20	33	35.2	14.867	S	172.521	W	33	N	4.6	1.1	82	SAMOA ISLANDS
27	20	50	14.1	36.970	N	35.259	E	10	G	4.2	0.9	45	TURKEY. ML 4.4 (GII). MD 4.1 (ISK).
27	21	02	41.8	9.326	N	124.199	E	540		5.3	0.9	153	MINDANAO, PHILIPPINE ISLANDS
27	21	31	18.8&	35.624	S	70.908	W	146				12	CHILE-ARGENTINA BORDER REGION. <GUC>.
27	21	49	50.6	36.659	N	35.743	E	10	G	4.0	1.2	29	TURKEY. MD 4.2 (ISK). ML 4.1 (GII).
27	22	25	56.3*	15.675	S	179.075	E	33	N	4.4	0.9	21	FIJI ISLANDS
27	22	47	34.0*	56.007	S	27.587	W	100	G	4.4	0.8	14	SOUTH SANDWICH ISLANDS REGION
28	00	01	33.4&	37.501	N	29.638	E	10	G			4	TURKEY. <ISK>. MD 2.9 (ISK).
28	01	04	51.1&	30.963	S	71.324	W	25				9	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.9 (GUC).
28	01	20	53.7	36.788	N	12.523	W	10	G		0.8	42	NORTH ATLANTIC OCEAN. mbLg 2.8 (MDD).
28	01	34	08.2&	18.000	N	65.440	W	1				4	PUERTO RICO REGION. <MPR>. MD 2.8 (MPR).
28	02	18	19.5&	30.435	S	72.430	W	27				10	OFF COAST OF CENTRAL CHILE. <GUC>. MD 4.0 (GUC).
28	02	35	12.3&	36.939	N	35.720	E	10	G			5	TURKEY. <ISK>. MD 3.3 (ISK).
28	02	54	47.8?	34.30	S	179.59	E	200	G	4.3	0.8	13	SOUTH OF KERMADEC ISLANDS
28	02	57	35.6&	63.127	N	150.975	W	129				19	CENTRAL ALASKA. <AEIC>.
28	03	00	47.3&	39.766	N	28.523	E	5				9	TURKEY. <ISK>. MD 2.9 (ISK).
28	03	15	10.2&	15.755	N	61.006	W	57				7	LEEWARD ISLANDS. <FDF>. MG 2.6 (FDF).
28	03	26	52.7&	42.820	N	7.210	W	4				6	SPAIN. <MDD>. mbLg 2.2 (MDD).
28	03	59	25.0	36.971	N	35.462	E	10	G	4.7 4.4	1.4	117	TURKEY. MD 4.9 (ISK). ML 4.9 (CSS).
28	04	00	54.9%	40.944	S	175.705	E	32			0.2	10	NORTH ISLAND, NEW ZEALAND. ML 3.7 (WEL).
28	04	09	27.5&	46.500	N	2.500	E	2				13	FRANCE. <LDG>. ML 2.2 (LDG), 2.1 (STR).
28	04	12	31.8&	19.170	N	66.070	W	35				7	PUERTO RICO REGION. <MPR>. MD 2.9 (MPR).
28	04	24	26.4&	46.600	N	2.500	E	2				6	FRANCE. <LDG>. ML 1.5 (LDG).
28	04	33	02.1&	37.320	N	3.720	W	28				13	SPAIN. <MDD>. mbLg 1.9 (MDD).
28	05	10	07.7&	61.822	N	150.213	W	24		2.8		21	SOUTHERN ALASKA. <AEIC>. ML 3.2 (AEIC), 3.2 (PMR).
28	05	30	54.8&	45.200	N	7.200	E	2				7	NORTHERN ITALY. <LDG>. ML 1.6 (LDG).
28	07	35	32.0&	46.534	N	116.894	W	10	G			73	WESTERN IDAHO. <SEA-P>. MD 3.8 (SEA). ML 3.6 (BUT), 3.4 (GS). Felt in the Lewiston area. Also felt in the Pullman, Washington area.
28	07	40	51.8*	7.086	S	129.670	E	100	G	4.5	1.1	7	BANDA SEA
28	08	09	44.5&	37.482	N	118.956	W	2				12	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM).
28	08	29	54.0&	36.838	N	35.717	E	10	G			6	TURKEY. <ISK>. MD 3.5 (ISK).
28	08	34	27.5	38.236	S	73.785	W	33	N	4.5	0.8	28	NEAR COAST OF CENTRAL CHILE
28	09	18	47.5	6.166	S	146.470	E	118		4.8	1.0	64	EASTERN NEW GUINEA REG., P.N.G.
28	10	42	21.8&	63.136	N	150.250	W	117				85	CENTRAL ALASKA. <AEIC>.
28	11	18	30.7*	50.955	N	12.452	E	10	G		0.4	5	GERMANY. ML 2.2 (GRF), 1.9 (CLL).
28	11	24	52.7&	36.863	N	35.286	E	10	G			13	TURKEY. <ISK>. MD 3.9 (ISK).
28	11	43	14.0&	46.500	N	2.500	E	2				14	FRANCE. <LDG>. ML 2.3 (LDG), 2.3 (STR).
28	12	01	23.3*	4.014	N	122.971	E	600	G	4.3	0.9	21	CELEBES SEA
28	12	12	50.7*	30.918	N	49.921	E	33	N	4.3	1.2	19	WESTERN IRAN
28	12	16	42.2*	52.496	N	176.222	W	154		4.3	1.0	29	ANDREANOF ISLANDS, ALEUTIAN IS.
28	13	07	22.4&	36.846	N	35.450	E	10	G			5	TURKEY. <ISK>. MD 3.2 (ISK).

28	13	12	39.7&	32.687	S	71.460	W	15					13	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.7 (GUC).
28	13	19	32.5	51.652	N	16.252	E	5	G			0.8	21	POLAND. ML 3.8 (GRF), 3.6 (VIE), 3.5 (WAR).
28	13	22	19.0&	44.100	N	7.100	E	10					11	NORTHERN ITALY. <LDG>. ML 2.1 (LDG).
28	14	33	54.6&	63.206	N	150.609	W	131					81	CENTRAL ALASKA. <AEIC>.
28	15	20	33.5	37.011	N	35.463	E	10	G			1.1	35	TURKEY. MD 4.1 (ISK).
28	15	54	52.4?	16.98	S	70.16	W	148	*	4.3		0.9	9	SOUTHERN PERU
28	16	13	42.4*	10.812	N	62.869	W	33	N	4.0		0.7	9	NEAR COAST OF VENEZUELA
28	16	19	19.7&	18.640	N	66.850	W	15					7	PUERTO RICO REGION. <MPR>. MD 2.8 (MPR).
28	16	33	18.4	16.491	S	174.117	W	108	D	4.6		1.0	103	TONGA ISLANDS
28	16	41	55.4	31.040	N	141.546	E	33	N	4.3		0.5	15	SOUTH OF HONSHU, JAPAN
28	16	56	57.2*	15.802	N	119.277	E	100	G	3.9		0.7	12	LUZON, PHILIPPINE ISLANDS
28	17	02	18.0	13.761	N	144.737	E	200	G	4.0		0.9	25	MARIANA ISLANDS
28	17	33	15.2&	39.100	N	27.707	E	10	G				4	TURKEY. <ISK>. MD 2.7 (ISK).
28	18	29	09.6&	7.389	N	80.497	W	3					6	PANAMA. <UPA>. MD 3.9 (UPA).
28	18	38	02.0*	36.559	S	128.962	E	10	G	3.4		1.1	13	OFF SOUTH COAST OF AUSTRALIA
28	20	18	53.0	7.972	S	108.823	E	100	G	4.6		1.1	33	JAWA, INDONESIA
28	20	27	14.2&	34.071	S	71.293	W	63					13	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.3 (GUC).
28	20	51	39.5*	5.413	S	147.245	E	200	G	4.2		1.3	13	EASTERN NEW GUINEA REG., P.N.G.
28	21	04	12.6*	25.973	S	176.508	W	100	G	4.3		1.4	19	SOUTH OF FIJI ISLANDS
28	21	05	43.1&	59.228	N	153.861	W	118					37	SOUTHERN ALASKA. <AEIC>.
28	21	11	26.0	4.463	S	152.969	E	53		4.7	4.4	0.8	71	NEW BRITAIN REGION, P.N.G.
28	21	35	29.5*	37.190	N	69.817	E	33	N	3.8		1.3	14	AFGHANISTAN-TAJIKISTAN BORD REG.
28	22	11	38.6&	48.000	N	2.600	W	2					6	FRANCE. <LDG>. ML 2.3 (LDG).
28	22	49	25.5	25.694	S	179.856	W	500	G	4.8		0.9	46	SOUTH OF FIJI ISLANDS
28	23	00	22.7	11.386	S	75.161	W	33	N	4.8	4.2	0.8	81	CENTRAL PERU
29	00	02	37.8*	14.200	N	121.770	E	33	N	4.3		0.8	9	LUZON, PHILIPPINE ISLANDS
29	00	04	12.9*	12.848	S	166.601	E	200	G	4.2		1.2	21	SANTA CRUZ ISLANDS
29	00	19	52.3?	33.36	N	49.09	E	33	N	3.5		0.9	7	WESTERN IRAN
29	01	24	40.4&	34.093	S	70.574	W	101					12	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.2 (GUC).
29	02	05	29.0*	8.367	S	158.930	E	100	G			0.7	6	SOLOMON ISLANDS
29	02	36	50.1*	5.247	N	124.029	E	503	*	4.2		0.9	15	MINDANAO, PHILIPPINE ISLANDS
29	03	01	40.6?	5.90	N	125.87	E	286	*	4.0		1.2	12	MINDANAO, PHILIPPINE ISLANDS
29	03	38	35.7?	44.62	N	129.00	W	10	G			0.4	39	OFF COAST OF OREGON
29	04	39	42.0	51.669	N	16.124	E	5	G			1.1	19	POLAND. ML 3.9 (GRF), 3.6 (VIE), 3.6 (WAR).
29	05	04	46.5&	44.439	N	7.194	E	16					7	NORTHERN ITALY. <GEN>. ML 1.8 (GEN).
29	06	12	13.6	8.428	S	115.954	E	33	N	3.9		0.9	19	BALI REGION, INDONESIA. Felt (III) at Mataram, Lombok.
29	06	13	01.7&	33.445	S	70.486	W	84					12	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.1 (GUC).
29	06	19	02.8&	43.979	N	7.522	E	18					11	NEAR SOUTH COAST OF FRANCE. <GEN>. ML 2.0 (GEN), 1.9 (LDG).
29	06	42	01.1&	39.592	N	29.495	E	10	G				4	TURKEY. <ISK>. MD 2.6 (ISK).
29	07	18	09.3*	0.614	S	123.602	E	69	*			0.6	7	MINAHASSA PENINSULA, SULAWESI
29	08	02	01.9&	39.675	N	29.531	E	11					5	TURKEY. <ISK>. MD 2.7 (ISK).
29	08	13	17.2&	34.011	S	70.485	W	13					6	CHILE-ARGENTINA BORDER REGION. <GUC>.
29	08	13	28.4&	32.637	S	71.794	W	33					13	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.8 (GUC).
29	08	31	22.0?	21.61	S	178.17	W	350	G	4.0		1.0	11	FIJI ISLANDS REGION
29	08	56	24.3&	39.632	N	29.366	E	10	G				5	TURKEY. <ISK>. MD 2.7 (ISK).
29	09	17	00.4*	36.540	N	70.053	E	200	G	3.2		1.0	8	HINDU KUSH REGION, AFGHANISTAN
29	09	35	31.1	5.824	S	146.050	E	114		4.0		1.1	22	EASTERN NEW GUINEA REG., P.N.G.
29	09	55	54.0&	39.248	N	27.685	E	5					4	TURKEY. <ISK>. MD 2.7 (ISK).
29	10	00	08.3&	44.300	N	7.500	E	2					5	NORTHERN ITALY. <LDG>. ML 2.6 (LDG).
29	10	03	34.0&	37.026	N	35.690	E	6					9	TURKEY. <ISK>. MD 3.9 (ISK).
29	10	39	40.2&	31.744	S	72.642	W	19					11	OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.8 (GUC).
29	10	50	58.3*	8.454	S	149.604	E	150	G	3.7		0.9	11	EASTERN NEW GUINEA REG., P.N.G.
29	11	06	37.8?	19.70	S	177.87	W	500	G	4.3		0.7	9	FIJI ISLANDS REGION
29	11	41	54.0	48.805	N	28.176	W	10	G	4.5	4.3	1.1	91	NORTHERN MID-ATLANTIC RIDGE
29	11	42	06.7&	37.590	N	6.940	W	15					21	SPAIN. <MDD>. mbLg 3.1 (MDD).
29	12	25	55.8*	5.962	S	148.432	E	75	*	4.1		1.2	17	NEW BRITAIN REGION, P.N.G.
29	13	15	18.1&	31.415	S	71.775	W	29					11	NEAR COAST OF CENTRAL CHILE. <GUC>.
29	13	24	17.9*	2.407	S	139.261	E	33	N	4.3		1.3	18	NEAR NORTH COAST OF IRIAN JAYA
29	13	57	06.6&	39.666	N	27.510	E	5					4	TURKEY. <ISK>. MD 2.7 (ISK).
29	14	01	59.1&	39.143	N	27.577	E	13					4	TURKEY. <ISK>. MD 2.7 (ISK).
29	14	32	14.7*	37.014	N	142.375	E	33	N	3.6		0.8	6	OFF EAST COAST OF HONSHU, JAPAN
29	14	40	09.5&	39.646	N	29.404	E	12					5	TURKEY. <ISK>. MD 2.7 (ISK).
29	14	46	07.7*	34.478	N	139.901	E	33	N	4.4		0.6	10	NEAR S. COAST OF HONSHU, JAPAN. Felt (I JMA) in southern Chiba Prefecture. Also felt (I JMA) on Hachijo-jima and Miyake-jima.
29	15	25	33.7?	6.24	S	152.45	E	33	N	3.6		0.8	6	NEW BRITAIN REGION, P.N.G.
29	16	59	09.5&	32.642	S	71.836	W	28		4.7			22	NEAR COAST OF CENTRAL CHILE. <GUC>.
29	17	14	59.7*	48.889	N	116.292	E	33	N	3.8		1.3	8	NORTHEASTERN CHINA
29	17	20	03.9&	32.627	S	71.807	W	29					12	NEAR COAST OF CENTRAL CHILE. <GUC>.
29	17	33	47.8	46.295	N	13.689	E	5	G			1.0	18	AUSTRIA. ML 3.3 (GRF), 3.1 (VIE).
29	17	47	44.3*	8.632	S	156.534	E	33	N	4.3		1.3	14	SOLOMON ISLANDS
29	18	15	26.8&	35.039	S	71.076	W	97					12	CENTRAL CHILE. <GUC>.
29	18	40	56.1&	32.616	S	71.795	W	28					13	NEAR COAST OF CENTRAL CHILE. <GUC>.
29	18	49	57.3*	36.823	N	35.602	E	33	N			0.6	7	TURKEY. MD 3.2 (ISK).
29	19	23	34.6*	11.845	N	57.711	E	10	G	3.9		0.8	11	ARABIAN SEA
29	19	25	31.8&	32.593	S	71.835	W	28					14	NEAR COAST OF CENTRAL CHILE. <GUC>.
29	19	41	40.3&	32.565	S	71.785	W	14					11	NEAR COAST OF CENTRAL CHILE. <GUC>.
29	19	59	39.5?	24.95	S	179.98	E	500	G	4.2		0.9	18	SOUTH OF FIJI ISLANDS
29	20	25	32.9?	6.57	S	148.28	E	33	N	4.2		1.2	14	NEW BRITAIN REGION, P.N.G.
29	20	35	54.9	37.256	N	70.146	E	33	N	4.8	4.7	0.9	128	AFGHANISTAN-TAJIKISTAN BORD REG. Mw 5.1 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 20:35:55.2; Lat 37.03 N; Lon 70.07 E; Dep 33.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=5.21, Plg=5, Azm=54; (N) Val=0.96, Plg=71, Azm=159; (P) Val=-6.16, Plg=19, Azm=322; Best double couple: Mo=5.7*10**16 Nm; NP1: Strike=99, Dip=73, Slip=-170; NP2: Strike=7, Dip=81, Slip=-17.
29	20	36	19.8&	35.411	S	71.477	W	102					10	CENTRAL CHILE. <GUC>.
29	22	06	43.2&	48.320	N	9.040	E	5					6	GERMANY. <FBB>. ML 1.4 (FBB).
29	23	12	17.4	7.947	N	126.610	E	75	G	4.9		0.9	93	MINDANAO, PHILIPPINE ISLANDS
29	23	15	17.8*	15.726	S	70.836	W	33	N	4.3		0.8	8	SOUTHERN PERU
29	23	37	16.5	60.354	S	153.143	E	10	G	5.0	5.8	1.1	66	WEST OF MACQUARIE ISLAND. Mw 6.3 (HRV), 6.2 (GS). Moment Tensor (GS): Dep 20; Principal axes (scale 10**18

Nm): (T) Val=2.47, Plg=20, Azm=25; (N) Val=0.01, Plg=67, Azm=171; (P) Val=-2.48, Plg=12, Azm=290; Best double couple: Mo=2.5*10**18 Nm; NP1: Strike=67, Dip=67, Slip=174; NP2: Strike=159, Dip=85, Slip=23.
Centroid, Moment Tensor (HRV): Centroid origin time 23:37:28.1; Lat 60.43 S; Lon 153.25 E; Dep 15.0 Fix; Half-duration 3.2 sec; Principal axes (scale 10**18 Nm): (T) Val=3.38, Plg=14, Azm=21; (N) Val=-0.43, Plg=69, Azm=248; (P) Val=-2.95, Plg=15, Azm=115; Best double couple: Mo=3.2*10**18 Nm; NP1: Strike=158, Dip=69, Slip=0; NP2: Strike=248, Dip=90, Slip=-159.

30	02	01	03.6&	37.044	N	35.739	E	10				8	TURKEY. <ISK>. MD 3.7 (ISK).
30	02	11	44.1*	44.634	N	10.767	E	10	G		1.0	15	NORTHERN ITALY. ML 2.5 (VIE), 2.3 (LDG).
30	02	34	36.5	46.243	N	13.659	E	10	G		0.9	8	AUSTRIA. ML 2.3 (VIE), 1.8 (LJU).
30	02	42	46.5&	37.062	N	35.595	E	8				4	TURKEY. <ISK>. MD 3.1 (ISK).
30	03	37	36.2	36.446	N	70.805	E	201	D	4.7	0.9	239	HINDU KUSH REGION, AFGHANISTAN
30	04	01	05.9&	42.600	N	1.000	E	2				4	PYRENEES. <LDG>. ML 1.8 (LDG).
30	04	22	41.4	46.140	N	6.952	E	10	G		0.9	9	SWITZERLAND. ML 2.3 (LDG).
30	04	28	45.2*	21.677	N	121.157	E	33	N	3.8	0.9	12	TAIWAN REGION
30	05	26	37.4&	37.136	N	27.906	E	11				6	TURKEY. <ISK>. MD 3.4 (ISK).
30	05	49	29.1*	44.145	N	10.502	E	10	G		1.1	10	NORTHERN ITALY. ML 2.4 (LDG).
30	07	39	27.2	6.981	S	129.857	E	119	*	4.8	1.3	22	BANDA SEA
30	07	50	27.0&	44.842	N	6.679	E	7				5	FRANCE. <GEN>. ML 1.7 (GEN).
30	08	00	28.9	22.982	N	94.718	E	117	D	4.6	0.8	91	MYANMAR
30	08	00	38.2&	32.687	S	70.835	W	69				9	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.9 (GUC).
30	08	15	22.4	55.296	N	160.574	W	59		4.7	1.2	69	ALASKA PENINSULA. ML 4.6 (PMR). Felt (IV) at Sand Point.
30	08	16	33.2&	39.652	N	29.425	E	10	G			6	TURKEY. <ISK>. MD 2.6 (ISK).
30	08	28	54.8	44.870	N	6.783	E	10	G		0.6	26	FRANCE. ML 2.5 (LDG), 2.5 (GEN), 2.5 (STR).
30	08	43	46.8&	33.572	S	70.077	W	8				8	CHILE-ARGENTINA BORDER REGION. <GUC>.
30	08	58	56.4	23.994	S	66.573	W	223	D	4.9	1.0	192	JUJUY PROVINCE, ARGENTINA. Mw 5.4 (HRV).

Centroid, Moment Tensor (HRV): Centroid origin time 08:59:05.2; Lat 23.70 S; Lon 66.55 W; Dep 233.0; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=1.41, Plg=45, Azm=103; (N) Val=0.36, Plg=6, Azm=7; (P) Val=-1.77, Plg=44, Azm=271; Best double couple: Mo=1.6*10**17 Nm; NP1: Strike=283, Dip=6, Slip=6; NP2: Strike=187, Dip=89, Slip=96.

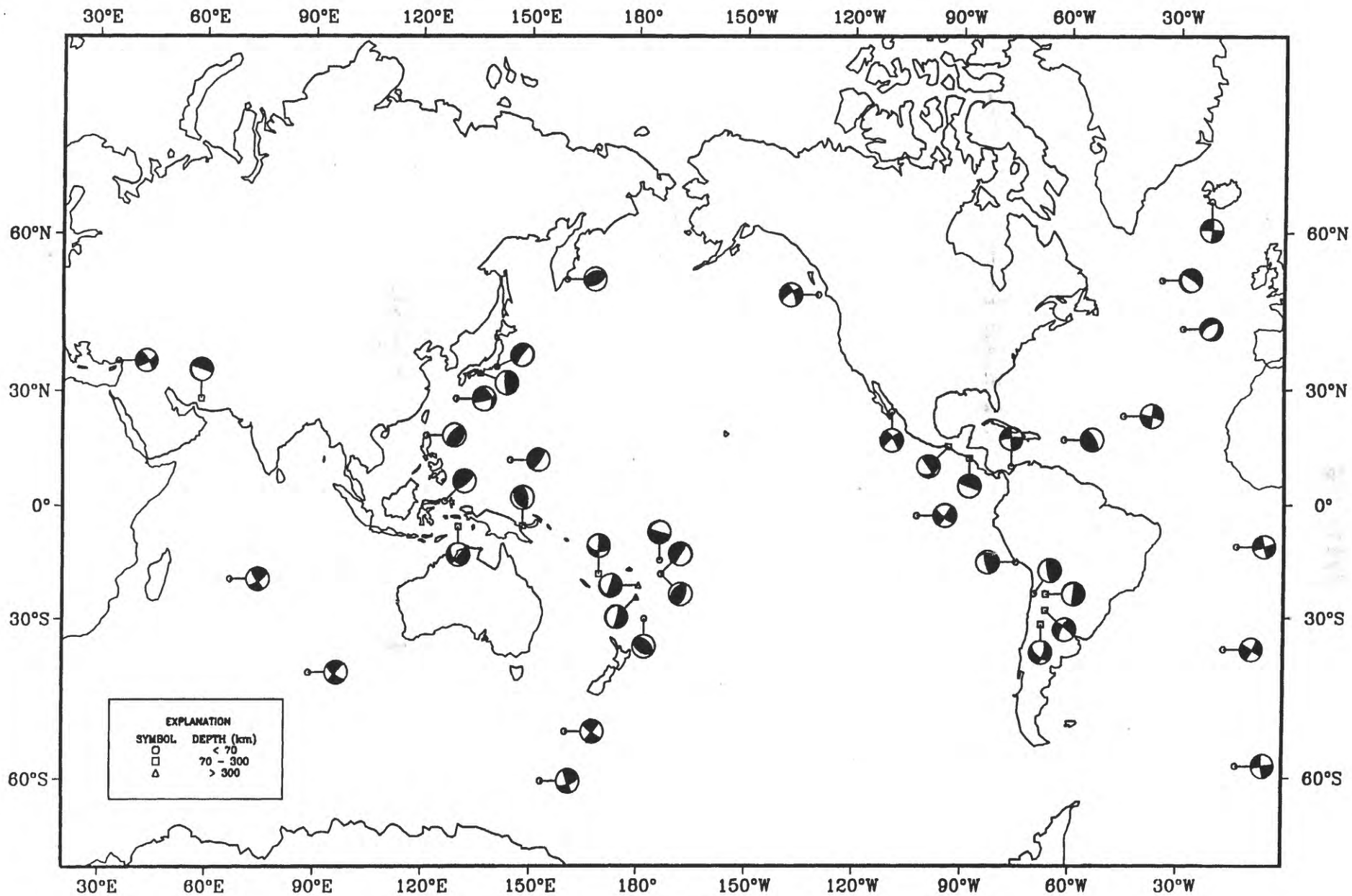
30	09	18	04.7&	39.632	N	29.427	E	8				6	TURKEY. <ISK>. MD 2.7 (ISK).
30	10	28	11.3*	50.250	N	18.945	E	10	G		1.0	7	POLAND. ML 3.4 (VIE), 3.0 (WAR).
30	10	29	07.9&	32.287	S	70.043	W	117				9	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.1 (GUC).
30	11	01	32.4	51.651	N	16.228	E	5	G		0.8	23	POLAND. ML 4.1 (GRF), 3.7 (WAR), 3.7 (VIE).
30	12	03	49.1*	57.513	N	120.577	E	33	N	4.2	1.0	15	SOUTHEASTERN SIBERIA, RUSSIA. Felt (III) in the epicentral area.
30	12	58	38.9&	60.116	N	153.448	W	158		4.4		70	SOUTHERN ALASKA. <AEIC>. Felt (II) at Palmer.
30	13	10	32.6&	61.339	N	150.598	W	35				23	SOUTHERN ALASKA. <AEIC>. ML 2.8 (AEIC), 2.9 (PMR).
30	13	14	34.3*	57.093	N	120.845	E	33	N	3.8	1.0	8	SOUTHEASTERN SIBERIA, RUSSIA
30	14	20	23.3?	27.22	N	103.47	E	33	N	4.1	1.5	8	YUNNAN, CHINA. ML 3.7 (BJI).
30	14	55	17.8	5.962	S	150.369	E	82		4.8	0.9	53	NEW BRITAIN REGION, P.N.G.
30	15	01	11.3	44.865	N	6.758	E	10	G		0.7	12	FRANCE. ML 1.9 (GEN), 1.8 (LDG).
30	15	39	20.2&	61.748	N	151.654	W	90				27	SOUTHERN ALASKA. <AEIC>.
30	15	44	28.0	13.669	N	39.666	E	10	G	4.1	1.0	19	ETHIOPIA. ML 4.8 (ARO).
30	15	58	07.6&	32.643	S	71.481	W	24				11	NEAR COAST OF CENTRAL CHILE. <GUC>.
30	16	00	59.3	2.370	N	126.670	E	69	*	4.7	1.1	56	NORTHERN MOLUCCA SEA
30	16	56	15.8&	43.100	N	0.100	W	2				4	PYRENEES. <LDG>. ML 2.1 (LDG).
30	17	22	49.7	36.428	N	137.724	E	33	N	4.7	1.2	57	EASTERN HONSHU, JAPAN. Felt (IV JMA) in west-central Nagano; (III JMA) in central Nagano; (II JMA) in east-central Nagano and southwestern Niigata Prefectures. Felt from central Niigata Prefecture to western Shizuoka Prefecture.
30	17	26	07.9	22.986	S	177.086	W	250	G	4.8	1.0	100	SOUTH OF FIJI ISLANDS
30	17	41	59.2	15.193	N	61.100	W	107	*		0.4	19	LEEWARD ISLANDS. MD 3.6 (TRN).
30	18	46	49.3&	32.688	S	71.687	W	15				10	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.3 (GUC).
30	19	17	02.3&	39.320	N	27.693	E	10	G			5	TURKEY. <ISK>. MD 2.7 (ISK).
30	19	42	52.9&	32.582	S	71.435	W	20				10	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.3 (GUC).
30	19	52	17.5	30.372	N	138.931	E	430	*		0.5	11	SOUTH OF HONSHU, JAPAN
30	20	19	16.6	22.265	N	69.831	W	40	D	5.0 4.3	1.0	188	BAHAMA ISLANDS. Mw 5.1 (HRV). MD 4.6 (MPR).

Centroid, Moment Tensor (HRV): Centroid origin time 20:19:10.3; Lat 22.48 N; Lon 70.62 W; Dep 30.1; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=4.49, Plg=28, Azm=132; (N) Val=-0.20, Plg=53, Azm=268; (P) Val=-4.29, Plg=21, Azm=30; Best double couple: Mo=4.4*10**16 Nm; NP1: Strike=169, Dip=54, Slip=175; NP2: Strike=262, Dip=86, Slip=36.

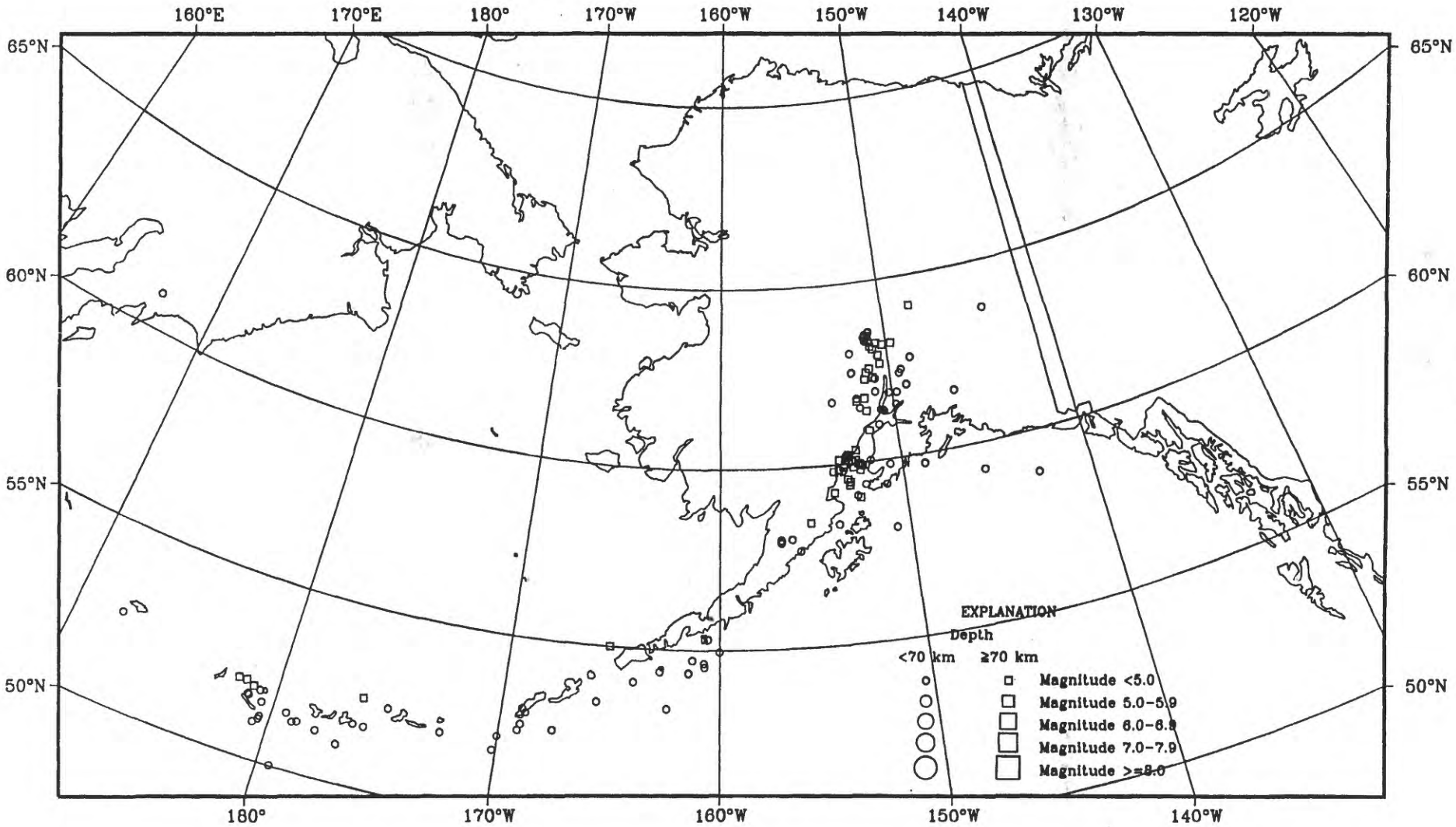
30	20	42	55.3&	45.210	N	6.040	E	2				6	FRANCE. <STR>. ML 2.5 (STR).
30	21	05	03.1&	33.125	S	70.279	W	7				9	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.3 (GUC).
30	22	12	21.8*	36.303	N	9.875	W	33	N		0.7	33	WEST OF GIBRALTAR. mbLg 2.8 (MDD).
30	22	28	39.2&	58.099	N	150.742	W	44		4.0		34	GULF OF ALASKA. <AEIC>. ML 3.8 (AEIC), 4.3 (PMR).
30	22	51	37.0&	34.796	S	71.183	W	86				11	NEAR COAST OF CENTRAL CHILE. <GUC>.
30	23	51	51.7&	47.800	N	2.500	W	2				6	FRANCE. <LDG>. ML 2.3 (LDG).

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

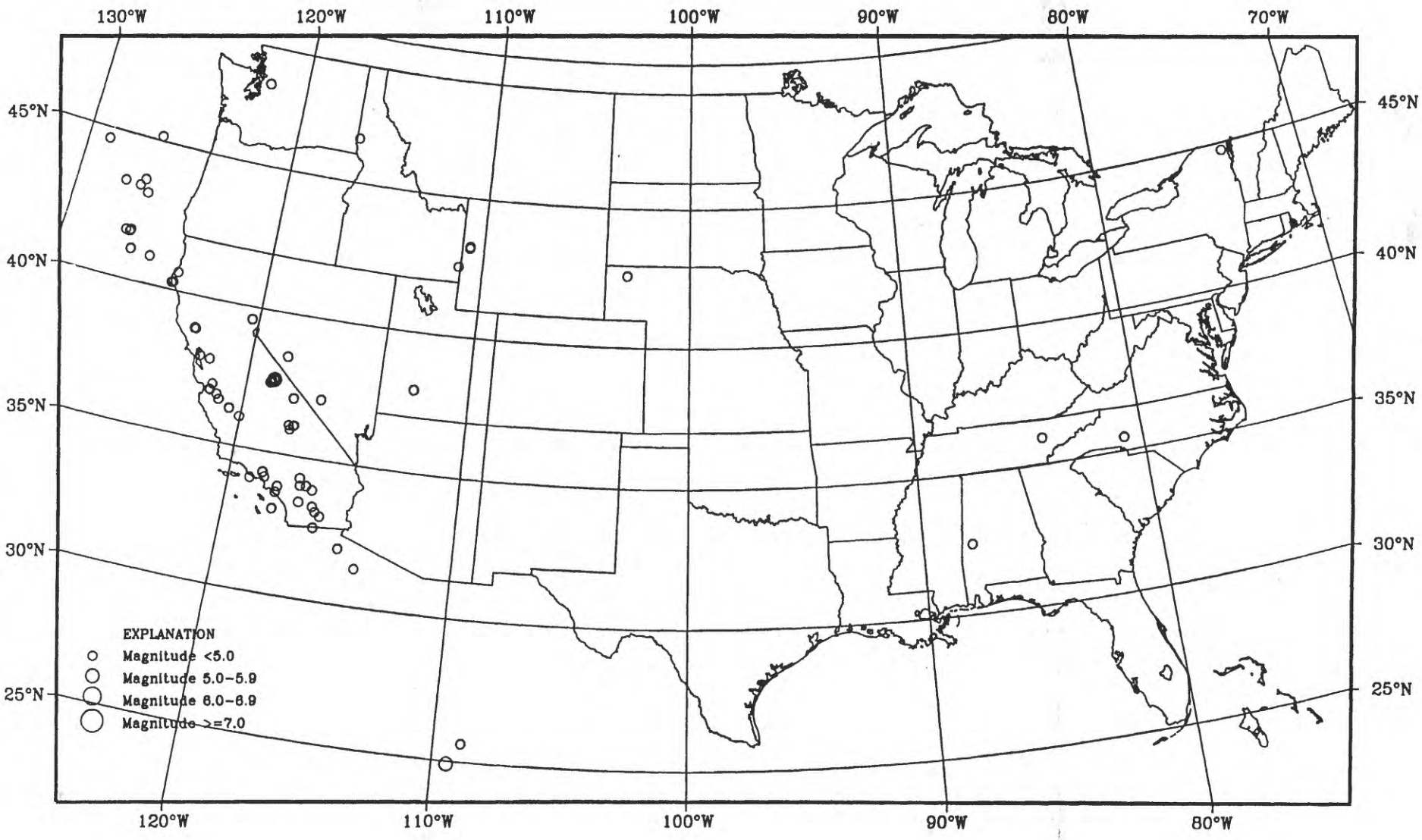
Earthquake Focal Mechanisms for June 1998



Earthquake epicenters in Alaska and adjacent regions for June 1998



Earthquake epicenters in the conterminous United States and adjacent regions for June 1998



Earthquakes located worldwide in June 1998