U.S. DEPARTMENT OF THE INTERIOR

U.S. GEOLOGICAL SURVEY

PRELIMINARY DETERMINATION OF EPICENTERS MONTHLY LISTING

APRIL-JUNE 1999

NATIONAL EARTHQUAKE INFORMATION CENTER

Open-File Report

99-600-B

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2000

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

Preliminary Determination of Epicenters

Monthly Listing

National Earthquake Information Center

APRIL 1999

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	07	52.0&	48.310 N	9.030 E	10				30	GERMANY. <FBB>. ML 2.7 (VIE), 2.5 (FUR), 2.4 (LDG), 2.2 (STR), 2.1 (FBB), 2.0 (GRF).
01	00	09	38.3*	5.868 N	126.652 E	136 ?	4.5		1.0	24	MINDANAO, PHILIPPINE ISLANDS
01	00	13	46.2&	32.348 S	71.427 W	38				14	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.1 (GUC). Felt (III) at La Ligua, Papudo and Zapallar.
01	00	23	21.6*	55.884 N	110.420 E	10 G	4.1		1.3	11	LAKE BAYKAL REGION, RUSSIA
01	00	53	59.5*	85.646 N	83.808 E	10 G			1.0	8	NORTH OF SEVERNAYA ZEMLYA
01	01	19	05.4&	45.000 N	5.800 E	2				8	FRANCE. <LDG>. ML 1.5 (LDG).
01	01	23	38.1%	83.239 N	6.003 W	10 G			1.0	7	NORTH OF SVALBARD
01	01	26	52.3&	44.529 N	7.047 E	7				18	NORTHERN ITALY. <GEN>. ML 2.2 (GEN), 1.8 (LDG).
01	01	39	31.6?	41.60 S	172.41 E	214 ?			1.4	10	SOUTH ISLAND, NEW ZEALAND
01	02	21	11.8&	38.560 N	21.540 E	5				4	GREECE. <ATH>. MD 2.8 (ATH).
01	02	43	34.2*	33.864 N	141.866 E	33 N	3.9		1.2	6	OFF EAST COAST OF HONSHU, JAPAN
01	02	48	51.4*	30.528 N	79.407 E	10 G	4.5		1.0	16	XIZANG-INDIA BORDER REGION
01	03	01	25.0&	49.170 N	6.840 E	1 G				8	GERMANY. <FBB>. ML 2.0 (FBB). Mining induced event in the Lorraine region, France.
01	03	25	36.6&	11.054 N	62.458 W	3				5	WINDWARD ISLANDS. <TRN>. MD 3.0 (TRN).
01	03	49	26.7*	29.908 N	138.965 E	392 *	4.1		0.8	19	SOUTH OF HONSHU, JAPAN
01	04	37	16.0?	22.18 S	173.53 E	33 N	4.2		1.1	10	LOYALTY ISLANDS REGION
01	04	44	33.0&	42.900 N	0.300 E	2				8	PYRENEES. <LDG>. ML 2.1 (STR), 1.9 (LDG).
01	04	49	07.4?	10.19 N	93.65 E	135 ?	4.1		0.7	14	ANDAMAN ISLANDS, INDIA
01	05	15	18.1&	32.119 S	71.877 W	19				18	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.5 (GUC).
01	05	36	44.3?	19.45 S	169.47 E	266 *	4.3		1.1	13	VANUATU ISLANDS
01	05	52	21.8*	25.397 N	122.411 E	264 ?	3.9		1.1	14	TAIWAN REGION
01	05	58	54.8&	31.791 S	70.184 W	123				11	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.2 (GUC).
01	06	16	02.0*	1.152 S	77.247 W	200 G	3.4		0.9	13	ECUADOR
01	06	40	43.1*	24.235 S	68.981 W	119 *	4.4		0.9	18	CHILE-ARGENTINA BORDER REGION
01	07	49	10.7&	32.122 S	71.728 W	5				14	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.0 (GUC).
01	09	54	50.9?	4.61 N	75.68 W	10 G			0.5	4	COLOMBIA. ML 2.6 (RSNC).
01	10	08	50.5&	33.606 S	71.662 W	40				11	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.5 (GUC).
01	10	29	35.0	2.802 S	136.411 E	33 N	4.7		0.8	30	IRIAN JAYA REGION, INDONESIA
01	10	43	21.7	85.683 N	85.365 E	10 G	4.9		0.9	72	NORTH OF SEVERNAYA ZEMLYA
01	10	47	53.0	85.648 N	86.531 E	10 G	5.1	5.1	1.2	146	NORTH OF SEVERNAYA ZEMLYA. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 10:47:52.5; Lat 85.52 N; Lon 81.62 E; Dep 15.0 Fix; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=1.19, Plg=2, Azm=28; (N) Val=0.01, Plg=6, Azm=119; (P) Val=-1.20, Plg=84, Azm=283; Best double couple: Mo=1.2*10**17 Nm; NP1: Strike=112, Dip=44, Slip=-99; NP2: Strike=304, Dip=47, Slip=-82.
01	12	01	16.0*	86.019 N	80.412 E	10 G	4.0		0.7	9	NORTH OF SEVERNAYA ZEMLYA
01	14	12	48.8*	55.608 S	27.563 W	33 N	4.5	4.1	1.2	19	SOUTH SANDWICH ISLANDS REGION
01	14	49	52.0&	61.438 N	152.331 W	137				67	SOUTHERN ALASKA. <AEIC>.
01	15	06	37.1*	20.735 S	175.824 W	238 D	4.3		1.2	23	TONGA ISLANDS
01	15	36	32.5?	22.57 S	68.35 W	153 ?	4.1		1.2	12	NORTHERN CHILE
01	15	38	04.7&	62.312 N	152.457 W	134				35	CENTRAL ALASKA. <AEIC>.
01	16	25	26.7?	31.17 S	68.17 W	5 G			1.4	13	SAN JUAN PROVINCE, ARGENTINA. MD 4.0 (GUC).
01	16	30	02.1&	37.670 N	20.920 E	5				9	IONIAN SEA. <ATH>. ML 3.7 (ATH).
01	16	54	49.0?	37.66 N	55.81 E	33 N	3.5		0.9	9	TURKMENISTAN-IRAN BORDER REGION
01	16	59	18.1&	36.679 N	121.306 W	7				4	CENTRAL CALIFORNIA. <GM-P>. MD 3.5 (GM). ML 3.5 (BRK).
01	18	24	42.0&	44.200 N	4.900 E	6				8	FRANCE. <LDG>. ML 1.8 (LDG).
01	18	51	27.4*	44.401 S	37.430 E	33 N	4.5		0.5	10	PRINCE EDWARD ISLANDS REGION
01	19	18	05.3&	18.160 N	67.030 W	9				5	MONA PASSAGE. <MPR>. MD 2.4 (MPR).
01	20	57	12.7&	32.090 S	71.837 W	15				15	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.4 (GUC).
01	21	35	16.6*	42.859 N	130.766 E	620 ?	3.9		1.0	16	E. RUSSIA-N.E. CHINA BORDER REG.
01	21	36	21.1	4.357 S	152.707 E	33 N	5.6	6.1	0.9	245	NEW BRITAIN REGION, P.N.G. Mw 6.2 (HRV), 6.0 (GS). Some buildings damaged (VI) in the Kamdaru area, New Ireland. Felt on New Britain as far west as Kimbe. Also felt on Bougainville and at Lorengau, Manus. Moment Tensor (GS): Dep 15; Principal axes (scale 10**18 Nm): (T) Val=1.02, Plg=13, Azm=179; (N) Val=0.33, Plg=73,

Azm=320; (P) Val=-1.35, Plg=10, Azm=87; Best double couple: Mo=1.2*10**18 Nm; NP1: Strike=222, Dip=74, Slip=178; NP2: Strike=313, Dip=88, Slip=16.
Centroid, Moment Tensor (HRV): Centroid origin time 21:36:27.7; Lat 4.29 S Fix; Lon 152.81 E Fix; Dep 16.0 Bdy; Half-duration 3.1 sec; Principal axes (scale 10**18 Nm): (T) Val=1.88, Plg=33, Azm=346; (N) Val=0.73, Plg=46, Azm=214; (P) Val=-2.60, Plg=26, Azm=94; Best double couple Mo=2.2*10**18 Nm; NP1: Strike=133, Dip=47, Slip=6; NP2: Strike=39, Dip=86, Slip=136.
Scalar Moment (PPT): Mo=4.7*10**18 Nm.

01	21	48	53.7	4.377	S	152.725	E	33	N	4.6	1.0	22	NEW BRITAIN REGION, P.N.G.
01	21	50	31.8&	39.770	N	21.130	E	5				7	GREECE. <ATH>. MD 3.1 (ATH).
01	21	54	00.3*	4.362	S	152.729	E	33	N	4.8	1.1	23	NEW BRITAIN REGION, P.N.G.
01	22	01	48.6*	4.237	S	152.781	E	33	N		1.1	7	NEW BRITAIN REGION, P.N.G.
01	22	12	30.0&	49.180	N	6.840	E	1	G			9	GERMANY. <FBB>. ML 2.1 (FBB).
01	22	45	42.5*	4.268	S	152.747	E	33	N	4.6	1.3	33	NEW BRITAIN REGION, P.N.G.
01	22	53	06.3?	52.35	N	171.26	W	33	N		1.1	13	FOX ISLANDS, ALEUTIAN ISLANDS
01	23	02	13.0*	4.359	S	152.719	E	33	N	4.7	1.4	22	NEW BRITAIN REGION, P.N.G.
01	23	22	36.1*	4.249	S	152.767	E	33	N	4.2	1.5	10	NEW BRITAIN REGION, P.N.G.
01	23	25	17.1	15.832	N	97.320	W	33	N	4.8 4.6	0.8	60	NEAR COAST OF OAXACA, MEXICO
01	23	30	27.3	0.704	N	119.662	E	33	N	5.1 4.4	0.9	35	MINAHASSA PENINSULA, SULAWESI
02	00	54	58.4	28.282	N	57.112	E	33	N	4.2	0.5	24	SOUTHERN IRAN
02	01	01	36.7*	4.648	S	122.930	E	33	N	4.3	1.3	11	SULAWESI, INDONESIA
02	01	18	30.2?	35.77	N	78.23	E	33	N		1.4	7	EASTERN KASHMIR
02	01	43	05.8*	44.400	S	37.383	E	10	G	4.5	0.9	18	PRINCE EDWARD ISLANDS REGION
02	01	52	04.8*	24.145	S	67.030	W	190	*	4.3	1.1	11	CHILE-ARGENTINA BORDER REGION
02	02	17	59.5*	31.373	S	66.479	W	150	G		0.9	16	LA RIOJA PROVINCE, ARGENTINA
02	02	32	40.6*	4.259	S	152.839	E	33	N	4.2	0.9	8	NEW BRITAIN REGION, P.N.G.
02	03	10	26.4*	4.554	S	152.604	E	33	N	4.2	1.4	18	NEW BRITAIN REGION, P.N.G.
02	03	19	39.4&	38.740	N	20.750	E	5				8	GREECE. <ATH>. MD 3.0 (ATH).
02	03	21	46.3&	39.469	N	122.936	W	13				8	NORTHERN CALIFORNIA. <GM-P>. MD 2.8 (GM).
02	03	47	11.9?	14.72	N	96.31	W	33	N	3.9	1.1	9	OFF COAST OF OAXACA, MEXICO
02	04	43	44.4?	20.14	S	179.74	W	550	G	4.5	0.7	14	FIJI ISLANDS REGION
02	04	44	52.6?	36.45	N	71.08	E	200	G		0.8	6	AFGHANISTAN-TAJIKISTAN BORD REG.
02	04	55	21.3*	44.440	S	37.325	E	10	G	4.5	0.9	24	PRINCE EDWARD ISLANDS REGION
02	05	05	53.5*	13.170	N	120.822	E	33	N	4.4	0.6	8	MINDORO, PHILIPPINE ISLANDS
02	05	07	47.3&	32.517	S	71.813	W	21				16	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.8 (GUC).
02	05	14	55.6&	40.317	N	124.551	W	13				5	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 3.0 (GM).
02	05	26	33.9&	16.080	N	60.765	W	24				8	LEEWARD ISLANDS. <FDF>. MD 2.8 (FDF).
02	05	42	29.0*	5.934	S	147.340	E	84	*	3.7	0.8	9	EASTERN NEW GUINEA REG., P.N.G.
02	06	36	36.1?	3.25	S	149.35	E	33	N	4.2	1.4	6	BISMARCK SEA
02	06	36	49.0?	19.77	S	133.95	E	10	G	3.4	1.0	4	NORTHERN TERRITORY, AUSTRALIA
02	06	39	59.7&	59.174	N	137.332	W	0	G	4.0		18	SOUTHEASTERN ALASKA. <PGC-P>. ML 4.0 (PGC).
02	06	46	26.6*	4.494	S	152.675	E	33	N	4.6	1.1	24	NEW BRITAIN REGION, P.N.G.
02	07	07	05.1*	4.277	S	152.646	E	33	N	4.2	0.5	5	NEW BRITAIN REGION, P.N.G.
02	07	41	25.8?	32.26	N	91.78	E	33	N	3.7	1.3	5	XIZANG
02	07	43	24.3&	18.210	N	68.010	W	101				9	MONA PASSAGE. <MPR>. MD 3.5 (MPR).
02	08	19	14.9*	4.223	S	152.761	E	33	N	4.1	1.2	9	NEW BRITAIN REGION, P.N.G.
02	08	51	55.1&	38.910	N	3.830	W	16				15	SPAIN. <MDD>. mbLg 2.6 (MDD).
02	09	39	28.3*	32.435	N	92.264	E	33	N	4.0	1.2	20	XIZANG
02	09	51	37.4*	13.525	S	166.720	E	33	N	4.5	0.9	9	VANUATU ISLANDS
02	10	43	37.2?	51.17	N	15.82	E	5	G		0.2	4	POLAND. ML 2.2 (CLL).
02	11	20	10.7*	85.532	N	85.512	E	10	G	4.1	1.3	14	NORTH OF SEVERNAYA ZEMLYA
02	11	43	49.8&	36.900	N	7.020	W	15				11	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.2 (MDD).
02	12	08	49.1*	36.542	N	71.027	E	202	*	3.4	1.1	15	AFGHANISTAN-TAJIKISTAN BORD REG.
02	12	54	51.1&	35.710	N	3.320	W	9				12	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.2 (MDD).
02	13	02	57.0?	17.15	N	147.35	E	33	N	3.5	0.8	8	MARIANA ISLANDS REGION
02	13	25	43.8	47.642	N	14.883	E	5	G		1.2	6	AUSTRIA. ML 2.3 (VIE).
02	13	52	43.7&	59.866	N	153.543	W	142				59	SOUTHERN ALASKA. <AEIC>.
02	15	30	11.7&	46.500	N	5.600	E	9				10	FRANCE. <LDG>. ML 2.3 (LDG).
02	16	36	41.6*	25.402	N	141.597	E	33	N		1.3	9	VOLCANO ISLANDS REGION
02	16	39	33.7	55.936	N	110.018	E	10	G	4.8 4.2	0.9	64	LAKE BAYKAL REGION, RUSSIA. Felt (V) at Verkhnyaya Zaimka, (IV) at Severobaykalsk and (II) at Irkutsk.
02	16	51	32.7*	1.920	S	133.462	E	33	N	4.6	1.2	13	IRIAN JAYA REGION, INDONESIA
02	17	05	13.7?	15.32	N	95.58	E	33	N		1.4	7	NEAR SOUTH COAST OF MYANMAR
02	17	05	47.1	19.899	S	168.193	E	10	G	6.1 6.0	0.9	394	VANUATU ISLANDS. Mw 6.2 (HRV), 6.1 (GS). Me 6.4 (GS).

Broadband Source Parameters (GS): Dep 12; Radiated energy 7.5*10**13 Nm.
Moment Tensor (GS): Dep 4; Principal axes (scale 10**18 Nm): (T) Val=1.55, Plg=24, Azm=101; (N) Val=-0.04, Plg=17, Azm=4; (P) Val=-1.51, Plg=60, Azm=242; Best double couple: Mo=1.5*10**18 Nm; NP1: Strike=222, Dip=26, Slip=-49; NP2: Strike=358, Dip=71, Slip=-108.
Centroid, Moment Tensor (HRV): Centroid origin time 17:05:55.1; Lat 19.99 S; Lon 167.98 E; Dep 15.0 Bdy; Half-duration 3.0 sec; Principal axes (scale 10**18 Nm): (T) Val=2.05, Plg=9, Azm=84; (N) Val=-0.15, Plg=10, Azm=175; (P) Val=-1.90, Plg=76, Azm=312; Best double couple: Mo=2.0*10**18 Nm; NP1: Strike=162, Dip=37, Slip=-107; NP2: Strike=3, Dip=55, Slip=-78.
Scalar Moment (PPT): Mo=5.3*10**18 Nm.

02	17	27	45.1	51.558	N	178.441	W	33	N	4.6	0.9	78	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.6 (PMR). Felt (II) on Adak.
02	17	53	47.5*	7.049	S	128.999	E	33	N	3.8	0.9	9	BANDA SEA
02	18	26	16.4&	35.830	N	25.280	E	32				5	CRETE. <ATH>. MD 3.4 (ATH).
02	18	29	42.6&	62.967	N	150.487	W	100				44	CENTRAL ALASKA. <AEIC>.
02	18	38	16.9	19.859	S	167.991	E	10	G	5.2 4.7	1.1	93	VANUATU ISLANDS REGION
02	18	40	47.9&	32.150	S	71.731	W	22				12	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.6 (GUC).
02	18	44	54.9*	31.864	N	130.229	E	10	G	4.1	1.2	14	KYUSHU, JAPAN
02	18	50	01.2?	19.88	S	168.03	E	10	G	4.0	1.1	6	VANUATU ISLANDS
02	19	56	10.8	19.828	S	167.943	E	10	G	5.0	1.0	84	VANUATU ISLANDS REGION
02	20	12	07.6&	38.070	N	26.770	E	5				4	AEGEAN SEA. <ATH>. MD 3.6 (ATH).

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02  20 16 32.5  19.902 S  168.087 E   10 G  4.6       1.0   54  VANUATU ISLANDS
02  20 45 09.7* 42.134 N  142.413 E   72 ?  4.3       1.1   23  HOKKAIDO, JAPAN  REGION. Felt (II JMA) in the Shizunai area
                                                                  and (I JMA) in other parts of southern Hokkaido.
02  20 51 04.1   6.466 S  146.483 E  115    4.6       1.1   44  EASTERN NEW GUINEA REG., P.N.G.
02  20 56 58.8& 34.303 S   69.991 W    1                     13  CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.6 (GUC).
02  21 32 55.7& 37.390 N    3.640 W   26                      7  SPAIN. <MDD>. mbLg 1.4 (MDD).
02  21 37 41.7   0.238 N  122.362 E  144 D  5.4       0.9   99  MINAHASSA PENINSULA, SULAWESI. Mw 5.4 (HRV).
                                                                  Centroid, Moment Tensor (HRV): Centroid origin time
                                                                   21:37:47.3; Lat 0.72 N; Lon 122.41 E; Dep 141.9; Half-
                                                                   duration 1.2 sec; Principal axes (scale 10**17 Nm): (T)
                                                                   Val=1.34, Plg=76, Azm=194; (N) Val=-0.22, Plg=0, Azm=104;
                                                                   (P) Val=-1.11, Plg=14, Azm=13; Best double couple:
                                                                   Mo=1.2*10**17 Nm; NP1: Strike=103, Dip=31, Slip=90; NP2:
                                                                   Strike=284, Dip=59, Slip=90.
02  21 39 10.1& 38.620 N    1.630 W    0 G                      6  SPAIN. <MDD>. mbLg 1.7 (MDD).
02  21 49 45.2& 38.580 N    1.580 W    5                     18  SPAIN. <MDD>. mbLg 2.3 (MDD).
02  22 05 49.0* 11.332 N  139.245 E   33 N  4.2       1.0   13  WESTERN CAROLINE ISLANDS
02  22 52 36.2& 36.800 N    2.980 W    0 G                      7  STRAIT OF GIBRALTAR. <MDD>. mbLg 2.1 (MDD).
02  23 08 34.7? 61.67  S  154.72  E   10 G  4.3       1.2   13  BALLENY ISLANDS REGION
03  00 05 54.0*  9.655 S  112.925 E   33 N  4.3       0.9   17  SOUTH OF JAWA, INDONESIA
03  00 31 38.3* 57.679 S   27.078 W  150 G  5.0       1.1   39  SOUTH SANDWICH ISLANDS REGION. Mw 5.5 (HRV).
                                                                  Centroid, Moment Tensor (HRV): Centroid origin time
                                                                   00:31:45.6; Lat 56.80 S; Lon 27.36 W; Dep 148.7; Half-
                                                                   duration 1.0 sec; Principal axes (scale 10**17 Nm): (T)
                                                                   Val=2.40, Plg=7, Azm=51; (N) Val=-0.21, Plg=54, Azm=311;
                                                                   (P) Val=-2.20, Plg=35, Azm=146; Best double couple:
                                                                   Mo=2.3*10**17 Nm; NP1: Strike=182, Dip=60, Slip=-22; NP2:
                                                                   Strike=283, Dip=71, Slip=-148.
03  00 58 50.4& 59.696 N  152.008 W   63    2.5              65  SOUTHERN ALASKA. <AEIC>. ML 2.7 (AEIC).
03  01 31 46.6& 44.677 N    6.775 E    0                     20  FRANCE. <GEN>. ML 2.3 (GEN), 1.7 (LDG).
03  01 39 12.0& 44.445 N    6.941 E    6                     24  FRANCE. <GEN>. ML 2.2 (GEN), 1.8 (STR), 1.6 (LDG).
03  01 43 06.0? 2.60  N  128.19  E   33 N  4.4       0.8    7  HALMAHERA, INDONESIA
03  01 54 49.6*  4.313 S  152.754 E   33 N  4.1       0.9   14  NEW BRITAIN REGION, P.N.G.
03  01 56 23.3*  4.392 S  152.745 E   33 N  4.1       0.9   18  NEW BRITAIN REGION, P.N.G.
03  02 46 35.9? 23.12  S   69.11  W   33 N  3.9       0.4    6  NORTHERN CHILE
03  04 06 15.1& 34.144 N  116.433 W    3                     29  SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
03  04 22 23.6  12.997 N   87.924 W   33 N  5.1 4.9    1.2  205  NEAR COAST OF NICARAGUA. Mw 5.4 (HRV). MD 5.3 (CASC). Felt
                                                                   at Tegucigalpa, Honduras.
                                                                  Centroid, Moment Tensor (HRV): Centroid origin time
                                                                   04:22:25.6; Lat 13.51 N; Lon 87.71 W; Dep 23.5; Half-
                                                                   duration 1.2 sec; Principal axes (scale 10**17 Nm): (T)
                                                                   Val=1.46, Plg=11, Azm=245; (N) Val=-0.15, Plg=77, Azm=40;
                                                                   (P) Val=-1.31, Plg=5, Azm=154; Best double couple:
                                                                   Mo=1.4*10**17 Nm; NP1: Strike=289, Dip=78, Slip=176; NP2:
                                                                   Strike=20, Dip=86, Slip=12.
03  04 36 56.6& 34.958 N   33.758 E   30                      6  CYPRUS REGION. <CSS>. ML 3.3 (CSS).
03  04 46 08.6? 30.47  N  138.59  E  446 ?          1.2    9  SOUTH OF HONSHU, JAPAN
03  04 53 11.3? 47.44  S   32.36  E   10 G  4.6       0.5    6  PRINCE EDWARD ISLANDS REGION
03  04 53 27.1* 12.989 N   87.806 W   33 N  4.2       1.1   22  NEAR COAST OF NICARAGUA
03  04 58 19.5* 59.390 N  152.877 W  100 G              0.7    8  SOUTHERN ALASKA
03  05 04 28.9? 36.32  N    1.06  E   10 G              1.2   17  NORTHERN ALGERIA. mbLg 2.1 (MDD).
03  05 29 02.5& 38.890 N    3.790 W   11                      9  SPAIN. <MDD>. mbLg 1.7 (MDD).
03  05 35 55.3& 37.430 N    3.470 W   15                      9  SPAIN. <MDD>. mbLg 1.5 (MDD).
03  05 46 47.2  54.767 N  161.292 E   33 N  4.2       1.0   29  NEAR EAST COAST OF KAMCHATKA
03  05 53 07.6* 14.812 N  144.406 E   33 N  4.2       0.9   16  MARIANA ISLANDS
03  05 53 23.1  30.813 S   71.361 W   79    3.8       0.9   43  NEAR COAST OF CENTRAL CHILE. MD 4.5 (GUC).
03  06 00 03.8* 14.793 N  144.498 E   33 N  4.1       1.0   10  MARIANA ISLANDS
03  06 17 18.3  16.660 S   72.662 W   87 D  6.1 6.2    0.9  422  NEAR COAST OF PERU. Mw 6.8 (GS), 6.8 (HRV). Me 6.5 (GS). One
                                                                   person killed in the Camana area. Fifty people injured and
                                                                   at least 300 houses damaged (VI) in the Arequipa area. Felt
                                                                   (IV) at Nazca and Pisco; (III) at Ica and Moquegua; (II) at
                                                                   Cuzco and Lima. Also felt (V) at Arica and Putre; (IV) at
                                                                   Camarones, Camina, Codpa, Iquique and Pozo Almonte; (III)
                                                                   at Huara and Pica, Chile. Landslides temporarily blocked
                                                                   the Pan American Highway at four locations in southern Peru.
                                                                  Broadband Source Parameters (GS): Dep 85; NP1: Strike=285,
                                                                   Dip=75, Slip=-70; NP2: Strike=50, Dip=25, Slip=-142;
                                                                   Radiated energy 1.3*10**14 Nm. Two events about 3.5 seconds
                                                                   apart. Depth based on first event.
                                                                  Moment Tensor (GS): Dep 88; Principal axes (scale 10**19
                                                                   Nm): (T) Val=2.19, Plg=32, Azm=58; (N) Val=-0.12, Plg=31,
                                                                   Azm=306; (P) Val=-2.08, Plg=42, Azm=183; Best double
                                                                   couple: Mo=2.1*10**19 Nm; NP1: Strike=204, Dip=32,
                                                                   Slip=-11; NP2: Strike=303, Dip=84, Slip=-121.
                                                                  Centroid, Moment Tensor (HRV): Centroid origin time
                                                                   06:17:24.3; Lat 16.38 S; Lon 72.54 W; Dep 89.4; Half-
                                                                   duration 5.9 sec; Principal axes (scale 10**19 Nm): (T)
                                                                   Val=2.03, Plg=25, Azm=20; (N) Val=-0.13, Plg=1, Azm=289;
                                                                   (P) Val=-1.90, Plg=65, Azm=197; Best double couple:
                                                                   Mo=2.0*10**19 Nm; NP1: Strike=112, Dip=20, Slip=-87; NP2:
                                                                   Strike=289, Dip=70, Slip=-91.
                                                                  Scalar Moment (PPT): Mo=2.2*10**19 Nm.
03  06 42 21.9*  5.721 S  102.861 E   34 D  4.8       1.1   19  SOUTHERN SUMATERA, INDONESIA
03  06 47 04.5& 38.600 N    0.660 W   15                      6  SPAIN. <MDD>. mbLg 2.1 (MDD).
03  06 54 54.1  41.367 N   20.808 E   10 G              1.0   11  ALBANIA. MD 2.7 (PDG).
03  07 07 09.9   7.096 S  129.057 E   33 N  4.4       1.4   24  BANDA SEA
03  07 10 36.3? 36.41  N   70.57  E  164 ?  3.5       1.0   10  HINDU KUSH REGION, AFGHANISTAN
03  07 31 57.1* 27.969 N  128.924 E   79 *  3.3       1.0    9  RYUKYU ISLANDS
03  08 25 30.3? 23.98  N  121.93  E   91 *  3.2       1.2    6  TAIWAN
03  08 38 53.9*  2.579 S  140.344 E   33 N  3.9       1.1   10  NEAR NORTH COAST OF IRIAN JAYA
03  09 09 21.5*  4.297 S  152.697 E   33 N  4.0       1.2   19  NEW BRITAIN REGION, P.N.G.
03  09 22 47.1& 61.568 N  146.311 W   40                     65  SOUTHERN ALASKA. <AEIC>. ML 3.1 (AEIC), 3.4 (PMR).
03  10 10 30.7  13.173 N   87.634 W   38    5.5 5.7    0.9  266  HONDURAS. Mw 6.0 (HRV). MD 5.9 (CASC). One house damaged at
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													Amapala. Felt at Tegucigalpa. Also felt in parts of northwestern Nicaragua. Centroid, Moment Tensor (HRV): Centroid origin time 10:10:34.5; Lat 13.53 N; Lon 87.57 W; Dep 28.5 Fix; Half-duration 2.4 sec; Principal axes (scale 10**18 Nm): (T) Val=1.10, Plg=21, Azm=249; (N) Val=-0.09, Plg=61, Azm=21; (P) Val=-1.01, Plg=20, Azm=151; Best double couple: Mo=1.1*10**18 Nm; NP1: Strike=290, Dip=61, Slip=179; NP2: Strike=20, Dip=89, Slip=29.
03	10	42	09.8*	85.546	N	84.808	E	10	G	3.8	1.4	9	NORTH OF SEVERNAYA ZEMLYA
03	10	42	23.2*	13.205	N	87.579	W	33	N	4.1	1.5	16	HONDURAS. MD 4.2 (CASC).
03	12	51	18.7&	46.400	N	2.600	E	17				5	FRANCE. <LDG>. ML 1.4 (LDG).
03	13	12	02.7*	12.996	N	87.732	W	33	N	3.5	1.0	7	NEAR COAST OF NICARAGUA. MD 4.2 (CASC).
03	13	13	32.5&	31.982	N	116.318	W	6	G			26	BAJA CALIFORNIA, MEXICO. <PAS-P>. ML 3.4 (PAS). MD 3.3 (ECX).
03	13	46	56.4*	21.743	S	68.119	W	158	*	4.1	0.5	12	CHILE-BOLIVIA BORDER REGION
03	13	56	48.0&	60.114	N	147.859	W	16				44	SOUTHERN ALASKA. <AEIC>. ML 2.7 (AEIC).
03	14	01	03.6&	45.247	N	7.663	E	28				22	NORTHERN ITALY. <GEN>. ML 2.4 (GEN), 2.1 (LDG).
03	14	06	13.7*	52.085	N	174.929	W	33	N	3.7	1.2	11	ANDREANOF ISLANDS, ALEUTIAN IS.
03	15	45	20.7&	32.376	S	69.693	W	143				14	MENDOZA PROVINCE, ARGENTINA. <GUC>. MD 3.4 (GUC).
03	15	48	43.3&	10.472	N	61.620	W	34				4	TRINIDAD. <TRN>. MD 2.6 (TRN).
03	17	19	25.6&	44.422	N	7.254	E	14				8	NORTHERN ITALY. <GEN>. ML 1.9 (GEN).
03	17	29	22.1&	48.358	N	123.244	W	45		3.2		26	VANCOUVER ISLAND REGION. <PGC-P>. MD 3.1 (SEA). Felt (III) at Victoria, British Columbia. Also felt at Sidney, Sooke and Shawnigan Lake, British Columbia.
03	17	39	44.2?	19.13	S	176.19	W	300	G	4.4	1.4	10	FIJI ISLANDS REGION
03	17	56	50.9&	45.400	N	0.100	W	13				5	FRANCE. <LDG>. ML 1.7 (LDG).
03	18	09	59.0&	50.350	N	7.380	E	13				57	GERMANY. <FBB>. ML 3.4 (LDG), 3.1 (STR), 3.1 (UCC), 2.8 (FBB).
03	18	17	37.3*	42.106	N	142.268	E	150	G	4.0	1.3	10	HOKKAIDO, JAPAN REGION
03	18	48	31.2&	14.947	N	60.591	W	41				4	WINDWARD ISLANDS. <FDF>. MD 2.2 (FDF).
03	18	51	40.6?	50.25	S	113.70	E	10	G	4.4	1.1	8	SOUTHEAST INDIAN RIDGE
03	19	25	09.4&	37.380	N	20.800	E	5				5	IONIAN SEA. <ATH>. MD 3.3 (ATH).
03	19	30	17.9	78.448	N	7.545	E	10	G	4.4	0.9	33	SVALBARD REGION
03	19	43	38.8	79.663	N	4.901	E	10	G	4.4	1.1	28	GREENLAND SEA
03	20	32	04.5?	42.21	N	44.86	E	33	N	3.8	1.0	9	NORTHWESTERN CAUCASUS
03	20	34	34.3?	32.12	N	60.33	E	33	N	3.9	1.0	8	NORTHERN IRAN
03	20	45	23.5&	35.660	N	3.600	W	0	G			8	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.3 (MDD).
03	20	50	37.1?	50.18	S	112.72	E	10	G	4.5	0.9	10	SOUTHEAST INDIAN RIDGE
03	21	34	08.0&	50.130	N	7.200	E	10				32	GERMANY. <STR>. ML 3.1 (LDG), 2.7 (STR), 2.7 (UCC), 2.4 (GRF).
03	21	51	39.5&	50.290	N	7.410	E	2				13	GERMANY. <STR>. ML 2.3 (LDG), 2.2 (STR).
03	21	51	53.4*	3.536	N	84.705	W	10	G	4.3	1.3	25	OFF COAST OF CENTRAL AMERICA. MD 4.5 (CASC).
03	22	04	50.9*	18.075	S	178.307	W	600	G	3.9	0.8	9	FIJI ISLANDS REGION
03	22	17	24.5	47.127	N	11.254	E	10	G		0.8	17	AUSTRIA. ML 2.4 (STR), 2.4 (LDG), 2.2 (VIE).
03	22	38	50.6?	40.12	N	19.58	E	10	G		0.5	11	ALBANIA. MD 3.0 (PDG).
03	22	41	46.5*	85.702	N	83.111	E	10	G	4.2	0.8	10	NORTH OF SEVERNAYA ZEMLYA
03	23	09	13.5?	21.27	S	170.19	E	33	N	4.0	1.1	7	LOYALTY ISLANDS REGION
03	23	13	54.1*	85.688	N	84.892	E	10	G	4.0	1.0	8	NORTH OF SEVERNAYA ZEMLYA
03	23	27	33.5*	61.054	S	24.864	W	10	G	4.4	1.3	10	SOUTH SANDWICH ISLANDS REGION
04	00	44	53.5&	61.560	N	146.320	W	36				51	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
04	00	50	23.6*	13.235	N	87.645	W	33	N		1.3	8	HONDURAS. MD 4.4 (CASC).
04	00	50	44.7	3.756	N	122.383	E	606		4.8	0.9	80	CELEBES SEA
04	00	51	08.9*	3.698	N	122.303	E	617	?		0.8	14	CELEBES SEA
04	01	21	12.3	45.651	N	26.502	E	155		3.6	0.9	17	ROMANIA
04	01	25	54.4?	52.30	N	174.88	E	124	*	3.7	0.6	13	NEAR ISLANDS, ALEUTIAN ISLANDS
04	01	44	00.3&	63.070	N	150.940	W	121				57	CENTRAL ALASKA. <AEIC>.
04	02	44	59.0	34.195	N	26.231	E	33	N	3.8 3.1	1.2	20	CRETE
04	03	40	48.2*	17.487	S	178.939	W	500	G	4.3	1.0	37	FIJI ISLANDS REGION
04	03	49	53.1	3.366	S	148.485	E	33	N	4.9 5.1	1.2	43	BISMARCK SEA. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 03:49:53.6; Lat 3.29 S; Lon 148.92 E; Dep 15.0 Fix; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=1.58, Plg=3, Azm=329; (N) Val=-0.16, Plg=77, Azm=224; (P) Val=-1.42, Plg=13, Azm=60; Best double couple: Mo=1.5*10**17 Nm; NP1: Strike=104, Dip=79, Slip=-7; NP2: Strike=195, Dip=84, Slip=-169.
04	03	56	17.9?	3.39	S	148.84	E	33	N	4.3	1.3	11	BISMARCK SEA
04	04	00	16.2*	3.139	S	148.260	E	33	N	4.5	1.3	13	BISMARCK SEA
04	04	35	24.8?	3.24	S	148.32	E	33	N	4.0	1.1	9	BISMARCK SEA
04	04	59	00.4	24.811	N	121.989	E	93	D	4.8	0.9	73	TAIWAN. Felt (IV JMA) in parts of I-lan County. Felt (III JMA) at I-lan; (II JMA) at Hua-lien and Taipei; (I JMA) at Chia-i and Tai-chung.
04	05	57	20.6*	29.525	S	72.299	W	33	N	4.4	1.1	16	OFF COAST OF CENTRAL CHILE
04	06	00	36.5&	38.835	N	122.757	W	0		3.7		37	NORTHERN CALIFORNIA. <GM-P>. Mw 3.9 (BRK). ML 3.7 (GM), 3.8 (BRK). Felt at Healdsburg, Kelseyville and Santa Rosa. Moment Tensor (BRK): Dep 5; Principal axes (scale 10**14 Nm): (T) Val=7.60, Plg=4, Azm=296; (N) Val=0.00, Plg=16, Azm=205; (P) Val=-7.60, Plg=73, Azm=39; Best double couple: Mo=7.6*10**14 Nm; NP1: Strike=191, Dip=51, Slip=-111; NP2: Strike=42, Dip=43, Slip=-66.
04	06	10	31.8&	55.600	N	161.760	W	124				15	ALASKA PENINSULA. <AEIC>.
04	06	12	09.2&	34.424	N	32.207	E	25				4	CYPRUS REGION. <CSS>. ML 2.2 (CSS).
04	06	42	42.6*	18.763	S	169.154	E	224		4.0	1.0	18	VANUATU ISLANDS
04	07	01	05.0	65.343	N	170.909	W	10	G	3.8	1.3	46	EASTERN SIBERIA, RUSSIA. ML 4.3 (AEIC).
04	07	03	18.2	6.426	S	147.101	E	42	*	4.6	1.3	29	EASTERN NEW GUINEA REG., P.N.G.
04	07	27	25.2&	36.662	N	121.284	W	7				10	CENTRAL CALIFORNIA. <GM-P>. MD 3.1 (GM). ML 3.0 (BRK).
04	07	56	58.9&	32.723	S	71.655	W	28				12	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.5 (GUC).
04	08	01	21.0&	38.960	N	22.110	E	5		3.2		17	GREECE. <ATH>. ML 3.4 (ATH).
04	08	05	24.0&	34.866	N	32.572	E	10				6	CYPRUS REGION. <CSS>. ML 2.6 (CSS).
04	09	21	50.9*	27.830	S	68.995	W	117	*		1.2	13	CHILE-ARGENTINA BORDER REGION
04	0	19	18.5&	32.679	S	71.765	W	26				12	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.9 (GUC).
04	10	37	00.5	16.097	N	97.341	W	33	N	5.1 4.9	0.9	145	OAXACA, MEXICO. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time

10:37:02.1; Lat 15.89 N; Lon 96.94 W; Dep 15.0 Bdy; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=1.60, Plg=65, Azm=19; (N) Val=0.00, Plg=3, Azm=283; (P) Val=-1.60, Plg=25, Azm=192; Best double couple: Mo=1.6*10**17 Nm; NP1: Strike=276, Dip=20, Slip=82; NP2: Strike=104, Dip=70, Slip=93.

04	11	07	04.5&	11.043	N	61.113	W	10					5	WINDWARD ISLANDS. <TRN>. MD 2.5 (TRN).
04	11	40	35.3	35.810	N	30.624	E	33	N			0.7	15	EASTERN MEDITERRANEAN SEA. ML 3.8 (CSS).
04	11	44	05.0*	35.472	S	78.304	E	10	G	4.5		1.2	12	MID-INDIAN RIDGE
04	12	20	43.7*	85.584	N	85.562	E	10	G	4.0		0.7	8	NORTH OF SEVERNAYA ZEMLYA
04	12	34	05.6*	27.466	N	129.296	E	33	N	4.0		1.4	9	RYUKYU ISLANDS
04	13	21	29.2	44.150	N	145.270	E	159	?	4.3		1.0	48	HOKKAIDO, JAPAN REGION
04	13	53	04.0	24.837	N	122.149	E	43	*	4.3		0.9	26	TAIWAN REGION
04	14	29	09.0?	42.42	S	42.18	E	10	G	4.5		1.5	15	PRINCE EDWARD ISLANDS REGION
04	14	55	14.3	11.721	S	94.130	E	10	G	4.9	4.1	1.1	50	SOUTH INDIAN OCEAN
04	15	35	56.0*	3.288	S	135.898	E	33	N	4.4		1.4	17	IRIAN JAYA REGION, INDONESIA
04	15	41	23.1&	37.380	N	20.860	E	5					4	IONIAN SEA. <ATH>. MD 3.0 (ATH).
04	16	09	32.2*	55.910	N	109.909	E	10	G	3.7		1.2	14	LAKE BAYKAL REGION, RUSSIA
04	16	29	26.8?	20.13	S	66.49	W	263	?	3.5		1.1	10	SOUTHERN BOLIVIA
04	16	30	15.6*	2.125	S	139.314	E	33	N	4.3		1.4	11	NEAR NORTH COAST OF IRIAN JAYA
04	16	57	14.3&	44.683	N	6.748	E	7					21	FRANCE. <GEN>. ML 2.3 (GEN), 1.9 (LDG).
04	17	33	39.6*	33.119	N	59.940	E	33	N	4.2		0.7	19	NORTHERN IRAN
04	17	49	54.3	0.538	N	29.398	E	10	G	4.6	4.3	0.9	60	ZAIRE. Felt at Fort Portal, Uganda.
04	18	12	15.3&	38.093	N	121.886	W	20					7	NORTHERN CALIFORNIA. <GM-P>. MD 3.1 (GM). ML 3.0 (BRK).
04	18	25	22.7*	21.685	N	143.068	E	337	?	3.7		1.2	15	MARIANA ISLANDS REGION
04	18	28	51.6*	85.364	N	84.902	E	10	G	3.6		1.3	6	NORTH OF SEVERNAYA ZEMLYA
04	19	18	58.5?	9.41	N	103.71	W	33	N	4.3		1.0	18	OFF COAST OF MEXICO
04	20	14	01.6*	7.281	N	124.241	E	33	N	4.3		1.1	16	MINDANAO, PHILIPPINE ISLANDS
04	20	18	36.0&	44.425	N	7.068	E	5					36	NORTHERN ITALY. <GEN>. ML 2.8 (GEN), 2.5 (LDG), 2.4 (STR).
04	20	26	25.4*	29.051	S	177.004	W	185	?	4.5		1.0	24	KERMADEC ISLANDS, NEW ZEALAND
04	20	33	45.7	19.389	S	177.503	W	362	D	4.8		0.8	90	FIJI ISLANDS REGION
04	21	04	27.5&	33.625	S	71.002	W	66					24	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.6 (GUC). Felt (V) at Rancagua; (IV) at Papudo and Santiago; (III) at Valparaiso, Vina del Mar and Zapallar; (II) at La Calera, Llaillay and San Antonio.
04	21	13	58.2*	10.784	S	162.236	E	135	?	4.7		1.0	26	SOLOMON ISLANDS
04	21	15	59.3*	43.079	N	12.733	E	10	G			1.0	14	CENTRAL ITALY
04	21	23	05.7&	37.400	N	20.920	E	5					12	IONIAN SEA. <ATH>. ML 3.6 (ATH).
04	22	03	23.7&	10.936	N	61.647	W	22					5	TRINIDAD. <TRN>. MD 2.7 (TRN).
04	23	59	06.8&	43.000	N	0.900	W	2					6	PYRENEES. <LDG>. ML 2.0 (STR), 1.7 (LDG).
05	00	06	13.8*	35.801	N	137.629	E	33	N	3.9		0.8	6	EASTERN HONSHU, JAPAN
05	00	18	21.9	14.743	S	176.041	W	284	?	4.5		0.7	75	FIJI ISLANDS REGION
05	01	26	02.7*	39.207	N	72.412	E	33	N	3.3		1.1	5	KYRGYZSTAN
05	03	46	14.0	24.236	S	66.977	W	189		4.6		1.1	61	SALTA PROVINCE, ARGENTINA
05	04	16	05.4	40.061	N	15.966	E	10	G			1.1	25	SOUTHERN ITALY
05	04	51	38.0	9.854	S	119.370	E	70	*	4.4		1.3	29	SUMBA REGION, INDONESIA
05	05	09	14.2?	14.60	S	167.07	E	93	?	4.1		1.0	28	VANUATU ISLANDS
05	05	13	13.5&	34.038	S	70.110	W	5					16	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 4.3 (GUC).
05	05	14	22.3&	47.800	N	7.500	E	11					9	SWITZERLAND. <LDG>. ML 1.6 (LDG), 1.6 (STR).
05	05	22	03.1*	2.012	S	126.054	E	100	G	4.5		1.4	18	CERAM SEA
05	06	37	44.6	34.154	N	138.652	E	202		4.3		1.1	48	NEAR S. COAST OF HONSHU, JAPAN
05	07	05	30.3&	60.218	N	152.793	W	119					41	SOUTHERN ALASKA. <AEIC>.
05	07	45	27.0*	57.699	S	24.847	W	33	N			0.8	9	SOUTH SANDWICH ISLANDS REGION
05	07	51	56.6	40.845	N	15.302	E	10	G	3.8		1.3	86	SOUTHERN ITALY. MD 3.9 (PDG), 3.8 (ROM). ML 3.8 (LDG).
05	07	52	10.1	9.923	N	122.133	E	33	N	4.8		1.0	36	NEGROS, PHILIPPINE ISLANDS
05	07	58	37.9&	37.480	N	3.630	W	16					9	SPAIN. <MDD>. mbLg 1.8 (MDD).
05	08	08	37.0	85.876	N	83.486	E	10	G	4.6	3.8	0.8	89	NORTH OF SEVERNAYA ZEMLYA
05	08	35	49.4*	41.851	N	141.071	E	129	?	3.9		0.6	13	HOKKAIDO, JAPAN REGION
05	08	35	50.9*	6.375	S	146.988	E	38	*	4.1		0.8	16	EASTERN NEW GUINEA REG., P.N.G.
05	08	43	34.7&	44.848	N	6.634	E	13					18	FRANCE. <GEN>. ML 2.3 (GEN), 2.1 (LDG).
05	09	48	39.0*	15.861	S	167.694	E	150	G	4.4		0.9	25	VANUATU ISLANDS
05	09	54	10.7&	85.560	N	87.466	E	10	G			1.3	6	NORTH OF SEVERNAYA ZEMLYA
05	10	14	44.8&	36.980	N	28.000	E	5					5	DODECANESE ISLANDS. <ATH>.
05	10	15	04.8?	14.79	S	72.86	W	100	G	3.9		1.1	11	CENTRAL PERU
05	10	25	28.1*	85.871	N	82.618	E	10	G	3.6		0.6	8	NORTH OF SEVERNAYA ZEMLYA
05	10	27	49.8*	40.240	N	142.385	E	46	D	4.5		1.1	31	NEAR EAST COAST OF HONSHU, JAPAN. Felt (I JMA) in southeastern Aomori and many parts of Iwate Prefectures.
05	11	08	04.0	5.591	S	149.568	E	150	G	6.2	7.0	1.0	233	NEW BRITAIN REGION, P.N.G. Mw 7.4 (GS), 7.4 (HRV). Me 7.3 (GS). Felt strongly at Kimbe. Also felt at Port Moresby, New Guinea.
														Broadband Source Parameters (GS): Dep 138; NP1: Strike=115, Dip=75, Slip=70; NP2: Strike=350, Dip=25, Slip=142; Radiated energy 1.9*10**15 Nm. Complex event. A small event is followed by a larger one about 6 seconds later. Depth based on second event.
														Moment Tensor (GS): Dep 137; Principal axes (scale 10**20 Nm): (T) Val=1.31, Plg=65, Azm=4; (N) Val=0.04, Plg=1, Azm=273; (P) Val=-1.36, Plg=25, Azm=183; Best double couple: Mo=1.3*10**20 Nm; NP1: Strike=271, Dip=23, Slip=88; NP2: Strike=93, Dip=70, Slip=91.
														Centroid, Moment Tensor (HRV): Centroid origin time 11:08:16.7; Lat 5.65 S; Lon 149.71 E; Dep 149.4; Half-duration 13.3 sec; Principal axes (scale 10**20 Nm): (T) Val=1.55, Plg=60, Azm=14; (N) Val=-0.08, Plg=7, Azm=272; (P) Val=-1.48, Plg=29, Azm=178; Best double couple: Mo=1.5*10**20 Nm; NP1: Strike=248, Dip=17, Slip=65; NP2: Strike=94, Dip=75, Slip=97.
														Scalar Moment (PPT): Mo=1.0*10**20 Nm.
05	11	08	41.6*	29.689	N	138.869	E	400	G	3.9		0.9	13	SOUTH OF HONSHU, JAPAN
05	12	07	00.2*	30.349	N	138.622	E	439	*	3.6		0.3	9	SOUTH OF HONSHU, JAPAN
05	12	29	59.7*	47.129	N	152.839	E	128	*	4.0		0.9	18	KURIL ISLANDS
05	13	24	55.0&	44.104	N	8.533	E	17					9	NORTHERN ITALY. <GEN>. ML 2.2 (GEN).
05	13	38	14.7&	62.250	N	150.372	W	30					56	CENTRAL ALASKA. <AEIC>. ML 2.9 (AEIC), 2.9 (PMR).

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05  13 44 19.2* 23.454 S   68.656 W  100 G  4.1        0.9   13  NORTHERN CHILE
05  14 25 17.1* 21.570 S  176.699 W  300 G  4.3        0.8   27  FIJI ISLANDS REGION
05  14 49 21.9& 35.750 N    3.610 W    0 G                    17  STRAIT OF GIBRALTAR. <MDD>. mbLg 2.6 (MDD).
05  17 04 17.3* 37.578 N   57.168 E   33 N  3.8        0.9   10  TURKMENISTAN-IRAN BORDER REGION
05  18 07 42.0  43.548 N  147.535 E   43 D  4.6        0.9   64  KURIL ISLANDS
05  19 02 30.2? 19.16  S  177.75  W  600 G  3.9        1.0   16  FIJI ISLANDS REGION
05  19 39 38.5& 34.177 S   70.882 W   81                       8  CHILE-ARGENTINA BORDER REGION. <GUC>. MD 1.9 (GUC).
05  20 02 44.0*  4.648 S  152.872 E   33 N  3.7        0.8   12  NEW BRITAIN REGION, P.N.G.
05  20 03 28.3* 57.860 N   32.482 W   10 G  4.0 3.5    1.2   18  NORTH ATLANTIC OCEAN
05  20 16 20.9*  5.890 S  147.275 E  120 D  4.5        1.1   22  EASTERN NEW GUINEA REG., P.N.G.
05  20 38 24.1& 37.630 N   21.210 E    5                      12  SOUTHERN GREECE. <ATH>. ML 3.5 (ATH).
05  20 48 09.2& 37.350 N   20.860 E    9                       4  IONIAN SEA. <ATH>. MD 3.2 (ATH).
05  20 54 33.5& 37.480 N   21.010 E    1                       4  SOUTHERN GREECE. <ATH>. MD 2.9 (ATH).
05  20 54 51.8* 54.017 N  163.311 W   33 N  3.7        1.3   13  UNIMAK ISLAND REGION
05  21 50 14.5& 46.300 N    3.800 E    9                      14  FRANCE. <LDG>. ML 2.0 (STR), 1.8 (LDG).
05  22 08 16.9& 38.792 N  122.775 W    3                      10  NORTHERN CALIFORNIA. <GM-P>. MD 3.3 (GM). ML 3.5 (BRK).
05  22 13 41.6* 85.719 N   84.614 E   10 G  3.4        0.7    5  NORTH OF SEVERNAYA ZEMLYA
05  22 32 56.5  24.908 N   93.678 E   66 D  5.3        0.8  309  MYANMAR-INDIA BORDER REGION. Mw 5.6 (HRV). Felt at Shillong
                                                                   and in parts of Arunachal Pradesh, Manipur, Meghalaya and
                                                                   Tripura, India. Also felt in the Rangpur area, Bangladesh.
                                                                  Centroid, Moment Tensor (HRV): Centroid origin time
                                                                   22:32:56.8; Lat 24.50 N; Lon 93.96 E; Dep 65.1; Half-
                                                                   duration 1.6 sec; Principal axes (scale 10**17 Nm): (T)
                                                                   Val=2.22, Plg=30, Azm=304; (N) Val=0.59, Plg=58, Azm=144;
                                                                   (P) Val=-2.81, Plg=9, Azm=39; Best double couple:
                                                                   Mo=2.5*10**17 Nm; NP1: Strike=86, Dip=62, Slip=16; NP2:
                                                                   Strike=348, Dip=76, Slip=151.
05  22 43 46.8& 37.360 N   20.890 E    5                       4  IONIAN SEA. <ATH>. MD 3.2 (ATH).
05  23 04 17.3  86.077 N   79.324 E   10 G  4.2        1.2   27  NORTH OF SEVERNAYA ZEMLYA
05  23 10 57.2& 37.530 N   21.000 E    5                      10  SOUTHERN GREECE. <ATH>. ML 3.5 (ATH).
05  23 11 00.0* 44.542 N   28.268 W   10 G  4.2        1.4   32  NORTHERN MID-ATLANTIC RIDGE
05  23 36 51.5* 10.636 N  141.976 E   33 N  4.7        1.2   24  WESTERN CAROLINE ISLANDS
06  00 05 20.9& 44.800 N    6.700 E    2                       9  FRANCE. <LDG>. ML 1.6 (LDG).
06  00 08 22.9  39.400 N   38.307 E   10 G  5.1 4.7    1.2  250  TURKEY. Mw 5.4 (HRV).
                                                                  Centroid, Moment Tensor (HRV): Centroid origin time
                                                                   00:08:28.3; Lat 39.40 N Fix; Lon 38.31 E Fix; Dep 15.0 Fix;
                                                                   Half-duration 1.2 sec; Principal axes (scale 10**17 Nm):
                                                                   (T) Val=1.56, Plg=31, Azm=291; (N) Val=-0.40, Plg=48,
                                                                   Azm=63; (P) Val=-1.16, Plg=25, Azm=185; Best double couple:
                                                                   Mo=1.4*10**17 Nm; NP1: Strike=326, Dip=49, Slip=175; NP2:
                                                                   Strike=59, Dip=86, Slip=41.
06  00 33 13.3* 19.867 S  168.075 E   10 G  5.0        1.1   60  VANUATU ISLANDS
06  00 35 58.9& 48.360 N    7.380 E    2 G                      10  FRANCE. <STR>. ML 2.0 (STR).
06  00 41 09.5  41.451 N  107.741 W   10 G  4.3        0.7   48  WYOMING. ML 4.3 (GS). Damage to a house about fifty
                                                                   kilometers north of Baggs. Also some damage at Wamsutter.
                                                                   Felt at Baggs, Encampment, Rawlins, Rock Springs, Saratoga
                                                                   and Sinclair. Also felt at Craig and Steamboat Springs,
                                                                   Colorado.
06  00 53 35.5& 38.867 N  122.795 W    2                       7  NORTHERN CALIFORNIA. <GM-P>. MD 2.7 (GM).
06  01 28 09.7* 24.439 N  127.521 E   33 N  4.2        0.2    7  SOUTHEAST OF RYUKYU ISLANDS
06  02 09 16.0?  3.89  N   77.93  W  170 ?  4.0        1.4   10  NEAR WEST COAST OF COLOMBIA
06  03 58 46.0   3.891 N   78.062 W   33 N  4.8 4.7    0.9   71  SOUTH OF PANAMA
06  04 16 45.2   8.424 S   39.262 E   10 G  4.9 4.4    0.7   76  TANZANIA
06  04 51 05.7  24.451 N   46.374 W   10 G  5.3 5.6    1.1  308  NORTHERN MID-ATLANTIC RIDGE. Mw 5.9 (GS), 5.8 (HRV).
                                                                  Moment Tensor (GS): Dep 6; Principal axes (scale 10**17 Nm):
                                                                   (T) Val=7.83, Plg=18, Azm=255; (N) Val=-0.12, Plg=2,
                                                                   Azm=164; (P) Val=-7.71, Plg=71, Azm=68; Best double couple:
                                                                   Mo=7.8*10**17 Nm; NP1: Strike=348, Dip=27, Slip=-86; NP2:
                                                                   Strike=163, Dip=63, Slip=-92.
                                                                  Centroid, Moment Tensor (HRV): Centroid origin time
                                                                   04:51:12.3; Lat 24.41 N; Lon 46.23 W; Dep 15.0 Bdy; Half-
                                                                   duration 2.2 sec; Principal axes (scale 10**17 Nm): (T)
                                                                   Val=6.35, Plg=8, Azm=268; (N) Val=-0.69, Plg=10, Azm=359;
                                                                   (P) Val=-5.66, Plg=78, Azm=141; Best double couple:
                                                                   Mo=6.0*10**17 Nm; NP1: Strike=347, Dip=38, Slip=-106; NP2:
                                                                   Strike=187, Dip=53, Slip=-78.
06  05 16 31.5* 21.201 S  174.015 W   33 N  4.8 4.3    0.9   31  TONGA ISLANDS
06  05 27 02.4* 19.887 S  168.211 E   10 G  4.4        1.0   15  VANUATU ISLANDS
06  06 19 24.1& 10.761 N   62.429 W   61                       8  NEAR COAST OF VENEZUELA. <TRN>. MD 3.5 (TRN).
06  06 46 55.7& 59.632 N  152.271 W   80                      56  SOUTHERN ALASKA. <AEIC>.
06  07 45 36.7  34.326 S   72.006 W   39 D  5.0 5.1    1.0  103  NEAR COAST OF CENTRAL CHILE. MD 4.9 (GUC). Felt (IV) at
                                                                   Coya, Rancagua and Santiago; (III) at Maipo, Pichilemu, San
                                                                   Antonio, San Fernando, Santa Cruz, Talca, Valparaiso and
                                                                   Vina del Mar.
06  08 12 32.6& 34.188 S   71.858 W   36                      13  NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.4 (GUC).
06  08 20 57.5& 54.606 N  161.293 W   15                      14  ALASKA PENINSULA. <AEIC>. ML 2.6 (AEIC).
06  08 22 14.2   6.527 S  147.007 E   33 N  5.8 6.3    1.3  218  EASTERN NEW GUINEA REG., P.N.G. Mw 6.4 (GS), 6.3 (HRV). Me
                                                                   6.1 (GS). ML 6.1 (PMG). Felt at Lae and in National Capital
                                                                   Province.
                                                                  Broadband Source Parameters (GS): Dep 18; NP1: Strike=130,
                                                                   Dip=70, Slip=90; NP2: Strike=310, Dip=20, Slip=90; Radiated
                                                                   energy 2.8*10**13 Nm.
                                                                  Moment Tensor (GS): Dep 3; Principal axes (scale 10**18 Nm):
                                                                   (T) Val=4.81, Plg=51, Azm=26; (N) Val=-0.67, Plg=2,
                                                                   Azm=118; (P) Val=-4.15, Plg=39, Azm=210; Best double
                                                                   couple: Mo=4.5*10**18 Nm; NP1: Strike=315, Dip=6, Slip=106;
                                                                   NP2: Strike=118, Dip=84, Slip=88.
                                                                  Centroid, Moment Tensor (HRV): Centroid origin time
                                                                   08:22:21.4; Lat 6.50 S; Lon 147.03 E; Dep 17.0 Bdy; Half-
                                                                   duration 3.6 sec; Principal axes (scale 10**18 Nm): (T)
                                                                   Val=3.49, Plg=56, Azm=41; (N) Val=0.02, Plg=5, Azm=304; (P)
                                                                   Val=-3.52, Plg=33, Azm=211; Best double couple:
                                                                   Mo=3.5*10**18 Nm; NP1: Strike=284, Dip=13, Slip=69; NP2:
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                                                                    Strike=125, Dip=78, Slip=95.
                                                                    Scalar Moment (PPT): Mo=1.4*10**18 Nm.
06  08 53 38.6*  6.298 S  146.995 E   33 N  4.2        1.2   12   EASTERN NEW GUINEA REG., P.N.G.
06  09 00 49.9& 34.189 S   71.846 W   37                      13   NEAR COAST OF CENTRAL CHILE. <GUC>.
06  09 05 53.7?  6.46  S  146.95  E   33 N  3.9        0.5    8   EASTERN NEW GUINEA REG., P.N.G.
06  09 16 16.3?  6.30  S  147.03  E   33 N  3.7        1.1    8   EASTERN NEW GUINEA REG., P.N.G.
06  09 35 38.1?  6.35  S  147.37  E   33 N  4.2        1.4    7   EASTERN NEW GUINEA REG., P.N.G.
06  10 00 21.5* 24.470 N   46.434 W   10 G  4.5        1.3   13   NORTHERN MID-ATLANTIC RIDGE
06  10 05 24.8  85.600 N   85.728 E   10 G  4.5 4.6     0.9   73   NORTH OF SEVERNAYA ZEMLYA
06  10 14 27.0* 86.124 N   77.092 E   10 G  3.8        1.2    9   NORTH OF SEVERNAYA ZEMLYA
06  10 29 04.2   6.370 S  147.040 E   33 N  4.7 4.6     1.2   25   EASTERN NEW GUINEA REG., P.N.G. ML 4.8 (PMG).
06  10 41 18.2& 58.394 N  155.077 W  118                      11   ALASKA PENINSULA. <AEIC>.
06  10 43 35.6? 22.60  S  179.24  W  581 ?  4.6        1.1   26   SOUTH OF FIJI ISLANDS
06  10 56 06.0& 34.530 S   70.360 W   16                       9   CHILE-ARGENTINA BORDER REGION. <GUC>.
06  11 26 21.4   6.420 S  146.946 E   33 N  5.4 5.2     0.9  115   EASTERN NEW GUINEA REG., P.N.G. Mw 5.5 (HRV).
                                                                    Centroid, Moment Tensor (HRV): Centroid origin time
                                                                     11:26:28.9; Lat 6.63 S; Lon 146.35 E; Dep 21.8; Half-
                                                                     duration 1.2 sec; Principal axes (scale 10**17 Nm): (T)
                                                                     Val=1.61, Plg=56, Azm=359; (N) Val=0.46, Plg=7, Azm=100;
                                                                     (P) Val=-2.06, Plg=32, Azm=195; Best double couple:
                                                                     Mo=1.8*10**17 Nm; NP1: Strike=311, Dip=14, Slip=122; NP2:
                                                                     Strike=99, Dip=78, Slip=82.
06  11 26 54.3? 24.15  N   46.63  W   10 G  4.3        1.0   11   NORTHERN MID-ATLANTIC RIDGE
06  12 06 37.4?  5.34  S  147.62  E   33 N  3.7        1.3    7   EASTERN NEW GUINEA REG., P.N.G.
06  12 32 32.7  37.493 N   20.789 E   48    4.2        1.2   46   IONIAN SEA. MD 4.0 (ATH).
06  13 18 55.6* 59.859 S   26.457 W   33 N  4.7        0.9   17   SOUTH SANDWICH ISLANDS REGION
06  13 35 02.8*  6.474 S  147.090 E   33 N  3.9        1.2   10   EASTERN NEW GUINEA REG., P.N.G.
06  13 36 36.2& 54.088 N  164.064 W   12                      18   UNIMAK ISLAND REGION. <AEIC>. ML 2.5 (AEIC).
06  13 50 28.1   6.394 S  147.078 E   33 N  4.8        1.1   30   EASTERN NEW GUINEA REG., P.N.G. ML 4.7 (PMG).
06  14 27 50.0& 65.215 N  148.493 W   16                      22   NORTHERN ALASKA. <AEIC>. ML 2.5 (AEIC), 2.6 (PMR).
06  15 17 10.7& 18.840 N   66.560 W   13                       4   PUERTO RICO REGION. <MPR>. MD 2.9 (MPR).
06  15 17 40.0*  6.695 S  146.578 E   33 N  3.9        1.2   10   EASTERN NEW GUINEA REG., P.N.G.
06  16 09 03.8*  6.394 S  147.028 E   33 N  4.3        1.5   16   EASTERN NEW GUINEA REG., P.N.G.
06  16 14 39.5* 24.898 N  122.543 E   33 N  4.6        1.2   12   TAIWAN REGION
06  16 22 55.4* 14.867 N  143.778 E   33 N  4.8        1.2   15   MARIANA ISLANDS REGION
06  16 50 21.6? 24.88  N  126.57  E   33 N  3.9        1.4   11   RYUKYU ISLANDS
06  16 52 01.2* 85.633 N   85.708 E   10 G  4.4        1.3   14   NORTH OF SEVERNAYA ZEMLYA
06  17 06 09.6* 51.548 N   16.098 E    5 G              0.8    6   POLAND. MG 2.8 (WAR).
06  17 36 11.0*  5.188 S  146.828 E   33 N  4.4        1.0   10   EASTERN NEW GUINEA REG., P.N.G.
06  17 53 05.9*  6.546 S  147.214 E   33 N  3.8        0.9    7   EASTERN NEW GUINEA REG., P.N.G.
06  17 59 20.3*  1.687 N  128.562 E   67 *  3.9        1.1   11   HALMAHERA, INDONESIA
06  18 32 52.9*  6.408 S  147.059 E   33 N  4.1        1.4   12   EASTERN NEW GUINEA REG., P.N.G.
06  19 10 34.7   6.404 S  146.919 E   33 N  4.8 4.3     1.2   33   EASTERN NEW GUINEA REG., P.N.G. ML 5.0 (PMG).
06  19 21 39.4  40.742 N   20.629 E   10 G              1.3   20   GREECE-ALBANIA BORDER REGION. MD 3.1 (ATH), 2.9 (PDG).
06  19 37 24.0  30.414 N   79.321 E   10 G  5.1        0.8  208   XIZANG-INDIA BORDER REGION. Several houses damaged in the
                                                                     Garhwal District, India.
06  20 04 48.9& 42.810 N    7.240 W    0                       6   SPAIN. <MDD>. mbLg 2.9 (MDD). Felt (III) at Becerrea.
06  20 44 21.6*  2.149 N  126.230 E   33 N  3.9        0.9   10   NORTHERN MOLUCCA SEA
06  20 46 40.0  30.330 N   79.343 E   10 G  4.6        0.9   58   XIZANG-INDIA BORDER REGION. Felt in the Garhwal District,
                                                                     India.
06  21 00 17.3   6.412 S  147.001 E   33 N  4.9 4.4     1.2   34   EASTERN NEW GUINEA REG., P.N.G. ML 4.8 (PMG).
06  21 03 39.2  15.314 N   60.347 W   33 N  4.6        1.3   60   LEEWARD ISLANDS. MD 4.5 (TRN). Felt (III) on Martinique.
06  21 09 32.7   6.339 S  146.944 E   33 N  4.5 4.4     1.0   26   EASTERN NEW GUINEA REG., P.N.G.
06  21 30 41.1*  6.447 S  147.233 E   33 N  3.8        1.4   12   EASTERN NEW GUINEA REG., P.N.G.
06  21 30 41.4& 15.018 N   60.496 W   52                       4   LEEWARD ISLANDS. <FDF>. MD 2.1 (FDF).
06  22 38 21.5& 33.886 S   70.082 W    5                      14   CHILE-ARGENTINA BORDER REGION. <GUC>. MD 4.1 (GUC).
06  22 42 37.6& 33.893 S   70.076 W    5                       9   CHILE-ARGENTINA BORDER REGION. <GUC>.
06  22 45 47.3* 35.615 S  110.291 W   10 G  4.8        0.7   20   SOUTHERN EAST PACIFIC RISE
06  22 50 34.9* 11.498 N   87.396 W   33 N  4.0        1.5   19   NEAR COAST OF NICARAGUA. ML 3.9 (CASC).
07  00 14 08.8*  5.614 S  154.382 E  100 G  4.6        1.4   15   SOLOMON ISLANDS
07  01 01 55.4& 37.600 N   21.130 E    5    3.7             35   SOUTHERN GREECE. <ATH>. ML 3.7 (ATH).
07  01 04 48.0& 36.870 N    5.520 W    0 G                    6   STRAIT OF GIBRALTAR. <MDD>. mbLg 1.8 (MDD).
07  03 16 28.5   6.436 S  146.963 E   33 N  4.9 4.4     0.9   33   EASTERN NEW GUINEA REG., P.N.G.
07  03 32 08.1& 43.815 N    7.672 E   17                       8   NEAR SOUTH COAST OF FRANCE. <GEN>. ML 2.0 (GEN).
07  03 45 18.0  43.796 N  128.093 W   10 G  3.2        0.8   53   OFF COAST OF OREGON
07  04 18 19.1  55.875 N  109.966 E   10 G  4.8        1.0   77   LAKE BAYKAL REGION, RUSSIA. Felt (V) at Kichera and
                                                                     Verkhnyaya Zaimka; (IV) at Severobaykalsk; (II) at Irkutsk.
07  04 30 55.4& 35.084 S   70.617 W    0                      14   CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.8 (GUC).
07  04 37 03.9& 44.120 N    8.634 E   10                      10   NORTHERN ITALY. <GEN>. ML 2.4 (GEN).
07  05 04 10.3* 24.965 N  108.964 W   10 G  3.9        1.1   17   GULF OF CALIFORNIA
07  05 35 34.3  40.163 N   20.629 E   10 G              0.9    7   GREECE-ALBANIA BORDER REGION. MD 3.1 (ATH).
07  06 26 40.1& 32.593 N  116.163 W    9                      14   CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 4.0 (PAS). MD
                                                                     3.9 (ECX). Felt at El Cajon and Escondido, California. Felt
                                                                     from San Diego to the Imperial Valley, California. Also
                                                                     felt at La Rumorosa, Baja California.
07  06 42 31.8  11.781 N   94.987 E   33 N  5.0 4.6     0.7   97   ANDAMAN ISLANDS, INDIA. Mw 5.3 (HRV).
                                                                    Centroid, Moment Tensor (HRV): Centroid origin time
                                                                     06:42:31.9; Lat 12.08 N; Lon 94.60 E; Dep 47.1; Half-
                                                                     duration 1.0 sec; Principal axes (scale 10**17 Nm): (T)
                                                                     Val=1.10, Plg=20, Azm=128; (N) Val=-0.25, Plg=47, Azm=241;
                                                                     (P) Val=-0.85, Plg=36, Azm=22; Best double couple:
                                                                     Mo=9.8*10**16 Nm; NP1: Strike=171, Dip=48, Slip=-166; NP2:
                                                                     Strike=71, Dip=80, Slip=-42.
07  06 54 53.2& 32.466 S   71.559 W   44                      12   NEAR COAST OF CENTRAL CHILE. <GUC>.
07  07 25 06.5& 22.413 N   88.165 W   35                       5   OFF COAST OF CENTRAL AMERICA. <CASC>. MD 4.1 (CASC).
07  07 45 54.6? 22.05  S  173.56  E   33 N  4.2        1.3   13   LOYALTY ISLANDS REGION
07  08 37 27.6* 55.854 N  110.156 E   10 G  4.1        1.2   13   LAKE BAYKAL REGION, RUSSIA. Felt (II) at Verkhnyaya Zaimka.
07  08 55 43.1* 34.093 N   31.642 E   33 N              0.7   18   CYPRUS REGION. ML 2.5 (CSS).
07  09 30 31.2?  3.63  S  144.60  E   33 N  3.9        1.3    7   NEAR N COAST OF NEW GUINEA, PNG.
07  09 56 32.5& 44.300 N    7.600 E    2                       6   NORTHERN ITALY. <LDG>. ML 2.1 (LDG).
07  10 00 46.9& 44.300 N    7.600 E    2                       7   NORTHERN ITALY. <LDG>. ML 2.2 (LDG).
07  10 04 11.9& 32.772 S   71.041 W   61                      13   NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.0 (GUC).
07  10 26 51.7* 55.686 N  110.268 E   10 G  3.9        1.2    8   LAKE BAYKAL REGION, RUSSIA. Felt (III) at Verkhnyaya Zaimka.
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07	11	03	32.1?	43.68	S	91.30	E	10	G	4.1	4.5	0.9	8	SOUTHEAST INDIAN RIDGE
07	11	38	23.2?	42.68	S	87.98	E	10	G	4.0		1.3	9	SOUTHEAST INDIAN RIDGE
07	12	54	29.2&	10.454	N	62.088	W	4					6	NEAR COAST OF VENEZUELA. <TRN>. MD 3.3 (TRN).
07	15	49	12.6	30.249	N	79.316	E	10	G	4.9		0.7	81	XIZANG-INDIA BORDER REGION
07	16	23	26.9	30.257	N	79.295	E	10	G	4.7		1.0	33	XIZANG-INDIA BORDER REGION
07	17	01	32.1*	7.253	S	103.879	E	100	G	4.2		1.1	13	SOUTHWEST OF SUMATERA, INDONESIA
07	17	16	02.2*	9.380	N	121.502	E	33	N	4.3		1.1	11	SULU SEA
07	17	17	33.4	26.607	N	96.474	E	100	G	4.5		0.7	24	MYANMAR
07	18	01	32.7&	42.881	N	17.808	E	7					10	ADRIATIC SEA. <PDG>. MD 2.3 (PDG).
07	18	13	41.1*	6.534	S	80.932	W	33	N	4.2		1.2	22	NEAR COAST OF NORTHERN PERU
07	18	29	21.4?	7.60	S	104.59	E	33	N			1.1	7	SOUTHWEST OF SUMATERA, INDONESIA
07	18	43	50.5?	7.35	N	73.13	W	100	G	3.7		1.0	10	NORTHERN COLOMBIA
07	19	18	03.9?	7.57	S	104.55	E	33	N	3.7		1.1	9	SOUTHWEST OF SUMATERA, INDONESIA
07	19	48	10.2*	51.233	N	15.884	E	5	G			1.0	7	POLAND. ML 3.1 (VIE).
07	20	29	39.5?	20.66	S	173.34	W	33	N	4.4		1.4	12	TONGA ISLANDS
07	20	39	26.1&	14.078	N	60.219	W	22					8	WINDWARD ISLANDS. <FDF>. MD 2.9 (TRN).
07	21	27	21.0*	12.480	N	145.385	E	33	N	4.5		0.6	15	SOUTH OF MARIANA ISLANDS
07	22	03	58.8*	55.694	N	110.263	E	10	G	4.4		1.4	12	LAKE BAYKAL REGION, RUSSIA. Felt (III) at Verkhnyaya Zaimka and Severobaykalsk.
07	22	18	54.9*	45.506	N	15.347	E	10	G			1.4	12	NORTHWESTERN BALKAN REGION. ML 3.0 (VIE), 2.4 (LJU).
07	22	59	17.3%	36.456	N	70.458	E	225	*			1.0	14	HINDU KUSH REGION, AFGHANISTAN
07	23	34	38.0&	31.252	S	69.134	W	172					7	SAN JUAN PROVINCE, ARGENTINA. <GUC>.
07	23	42	28.9&	32.796	S	71.303	W	35					10	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.1 (GUC).
08	00	13	09.8	36.493	N	26.722	E	160		4.3		1.1	120	DODECANESE ISLANDS
08	01	34	47.6&	43.876	N	7.847	E	5					20	NEAR SOUTH COAST OF FRANCE. <GEN>. ML 2.3 (GEN), 2.3 (LDG).
08	02	11	23.0&	35.378	S	71.430	W	83					8	CENTRAL CHILE. <GUC>.
08	02	34	53.5?	45.79	N	26.56	E	150	G			0.3	5	ROMANIA
08	03	09	18.3?	56.51	N	110.00	E	10	G	3.6		1.2	8	LAKE BAYKAL REGION, RUSSIA
08	03	32	36.8&	54.033	N	164.727	W	77					4	UNIMAK ISLAND REGION. <AEIC>.
08	04	50	10.6&	33.984	S	70.723	W	98					12	CHILE-ARGENTINA BORDER REGION. <GUC>.
08	05	36	10.2&	15.834	N	60.722	W	22					5	LEEWARD ISLANDS. <FDF>. MG 2.7 (FDF).
08	06	07	01.6	61.212	S	154.053	E	10	G	4.0		1.2	11	BALLENY ISLANDS REGION
08	06	13	42.2&	32.592	N	116.172	W	1					23	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.0 (PAS). MD 3.0 (ECX).
08	07	17	07.5&	31.837	S	70.661	W	103					12	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.6 (GUC).
08	07	22	59.3&	40.504	N	27.843	E	14					4	TURKEY. <ISK>. MD 2.6 (ISK).
08	07	33	43.7?	19.54	S	176.34	W	300	G	4.1		0.7	12	FIJI ISLANDS REGION
08	07	52	23.8*	11.664	N	88.145	W	33	N	3.6		1.4	13	OFF COAST OF CENTRAL AMERICA. ML 4.1 (CASC).
08	07	59	36.4&	42.578	N	20.151	E	9					6	NORTHWESTERN BALKAN REGION. <PDG>. MD 1.7 (PDG).
08	08	20	04.3&	38.710	N	20.760	E	5					8	GREECE. <ATH>. MD 3.1 (ATH).
08	09	22	34.5	37.311	N	134.941	E	375		4.3		0.9	45	SEA OF JAPAN
08	09	25	07.7*	42.060	N	142.270	E	80	?	4.6		1.1	42	HOKKAIDO, JAPAN REGION. Felt (II JMA) in the Shizunai area.
08	09	37	05.4*	30.454	N	113.824	W	10	G			1.3	13	GULF OF CALIFORNIA. ML 3.8 (GS).
08	09	49	24.5&	43.900	N	7.300	E	20					7	NEAR SOUTH COAST OF FRANCE. <LDG>. ML 2.1 (LDG).
08	10	05	02.6&	37.230	N	28.188	E	10	G				5	TURKEY. <ISK>. MD 3.3 (ISK).
08	10	12	55.0&	40.192	N	27.341	E	9					19	TURKEY. <ISK>. MD 3.6 (ATH), 3.5 (ISK).
08	10	20	30.6&	43.499	N	19.496	E	12					9	NORTHWESTERN BALKAN REGION. <PDG>. MD 2.1 (PDG).
08	11	30	15.7	0.155	S	122.909	E	92	D	5.3		1.3	94	MINAHASSA PENINSULA, SULAWESI. Mw 5.5 (HRV). Felt (III) at Luwuk.
														Centroid, Moment Tensor (HRV): Centroid origin time 11:30:22.5; Lat 0.05 S; Lon 123.22 E; Dep 85.9; Half-duration 1.5 sec; Principal axes (scale 10**17 Nm): (T) Val=2.23, Plg=69, Azm=6; (N) Val=0.08, Plg=11, Azm=246; (P) Val=-2.31, Plg=17, Azm=153; Best double couple: Mo=2.3*10**17 Nm; NP1: Strike=226, Dip=29, Slip=67; NP2: Strike=72, Dip=63, Slip=102.
08	12	33	17.8?	36.51	S	179.16	W	33	N	4.6		0.8	9	EAST OF NORTH ISLAND, N.Z.
08	13	10	34.0	43.607	N	130.350	E	566	D	6.4		0.8	645	E. RUSSIA-N.E. CHINA BORDER REG. Mw 7.1 (GS), 7.1 (HRV). Me 7.1 (GS). Felt (IV) at Ussuriysk; (III) at Khabarovsk, Nakhodka and Vladivostok; (II) at Blagoveshchensk, Komsomolsk-na-Amure and Zeya, Russia. Felt in parts of Hebei, Heilongjiang and Jilin Provinces, China. Also felt in southern Hokkaido, northern Honshu and at Tokyo, Japan.
														Broadband Source Parameters (GS): Dep 566; NP1: Strike=188, Dip=83, Slip=85; NP2: Strike=44, Dip=9, Slip=125; Radiated energy 9.0*10**14 Nm.
														Moment Tensor (GS): Dep 576; Principal axes (scale 10**19 Nm): (T) Val=5.34, Plg=46, Azm=72; (N) Val=-0.74, Plg=25, Azm=192; (P) Val=-4.61, Plg=33, Azm=300; Best double couple: Mo=5.0*10**19 Nm; NP1: Strike=84, Dip=27, Slip=163; NP2: Strike=189, Dip=82, Slip=64.
														Centroid, Moment Tensor (HRV): Centroid origin time 13:10:40.2; Lat 43.66 N; Lon 130.47 E; Dep 575.4; Half-duration 8.3 sec; Principal axes (scale 10**19 Nm): (T) Val=5.43, Plg=48, Azm=75; (N) Val=-0.71, Plg=23, Azm=193; (P) Val=-4.72, Plg=33, Azm=299; Best double couple: Mo=5.1*10**19 Nm; NP1: Strike=81, Dip=25, Slip=160; NP2: Strike=189, Dip=82, Slip=67.
														Scalar Moment (PPT): Mo=3.5*10**19 Nm.
08	14	09	54.2?	7.70	S	129.45	E	86	?	4.0		0.8	7	BANDA SEA
08	15	39	19.5&	36.540	N	23.310	E	38					6	SOUTHERN GREECE. <ATH>. MD 3.1 (ATH).
08	15	40	22.8&	45.640	N	3.440	E	2	G				6	FRANCE. <STR>. ML 2.2 (STR).
08	16	03	06.2*	20.103	S	168.442	E	33	N	4.8		1.3	40	LOYALTY ISLANDS
08	16	14	12.7&	34.497	S	70.186	W	3					16	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 4.1 (GUC).
08	16	22	44.1?	31.13	S	68.32	W	100	G			1.1	13	SAN JUAN PROVINCE, ARGENTINA. MD 3.4 (GUC).
08	16	39	22.9?	18.73	S	178.20	W	400	G	4.2		0.8	13	FIJI ISLANDS REGION
08	17	20	02.5*	10.769	S	166.040	E	157	D	4.1		1.1	16	SANTA CRUZ ISLANDS
08	17	25	51.7&	34.480	S	70.200	W	0					12	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.7 (GUC).
08	19	23	42.2*	85.607	N	84.698	E	10	G	3.5		1.2	6	NORTH OF SEVERNAYA ZEMLYA
08	20	06	03.3*	6.411	S	127.610	E	394	?	4.3		1.1	13	BANDA SEA
08	20	32	35.4*	40.285	N	142.434	E	49	D	3.9		1.3	22	NEAR EAST COAST OF HONSHU, JAPAN. Felt (I JMA) in southeastern Aomori and western Iwate Prefectures.
08	20	32	45.2	40.374	N	26.009	E	10	G			1.5	14	TURKEY. MD 3.4 (ISK), 3.3 (ATH).

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08  20 35 26.0& 40.431 N   25.938 E    9                      9  AEGEAN SEA. <ISK>. MD 3.3 (ISK), 3.1 (ATH).
08  20 39 19.7& 40.239 N   25.465 E   10 G                    4  AEGEAN SEA. <ISK>. MD 2.9 (ISK).
08  20 51 35.6  21.600 S  178.595 W  486 D  4.4       1.1   52  FIJI ISLANDS REGION
08  21 20 23.8* 43.090 N  126.385 W   10 G  2.9       0.5   28  OFF COAST OF OREGON
08  21 28 40.9* 10.270 N   62.095 W   33 N  4.2       1.3   21  NEAR COAST OF VENEZUELA. MD 3.9 (TRN). Felt (IV) on Trinidad.
08  22 45 47.3& 10.917 N   60.178 W   35                     5  TRINIDAD. <TRN>.
08  23 19 23.9? 16.89  S  173.64  W   33 N  4.4       0.8    9  TONGA ISLANDS
08  23 26 57.8& 45.000 N    6.700 E    2                     4  FRANCE. <LDG>.
09  00 05 58.7* 20.373 S  168.943 E   37 *  4.4       1.0   14  LOYALTY ISLANDS
09  00 32 37.3  85.625 N   82.012 E   10 G  4.2       0.5   13  NORTH OF SEVERNAYA ZEMLYA
09  01 03 23.8? 23.29  S  179.90  E  550 G  4.3       0.6   12  SOUTH OF FIJI ISLANDS
09  01 05 58.7  85.614 N   85.316 E   10 G  4.6 4.5   0.9   67  NORTH OF SEVERNAYA ZEMLYA
09  01 56 54.2& 38.737 N  122.727 W    0                     9  NORTHERN CALIFORNIA. <GM-P>. MD 3.1 (GM). ML 3.1 (BRK).
09  02 06 14.3? 20.33  S  177.85  W  550 G  4.2       1.2   22  FIJI ISLANDS REGION
09  02 47 11.3& 40.447 N   26.135 E    5                     9  TURKEY. <ISK>. MD 3.2 (ISK), 3.1 (ATH).
09  03 07 03.5& 47.020 N    9.570 E    2 G                  11  GERMANY. <STR>. ML 2.3 (STR), 2.2 (LDG).
09  03 41 13.9& 40.419 N   26.170 E    8                     4  TURKEY. <ISK>. MD 3.0 (ISK).
09  06 16 50.5& 34.514 N   32.187 E   25                     7  CYPRUS REGION. <CSS>. ML 3.0 (CSS).
09  06 19 42.2& 43.200 N    1.000 W    2                     4  PYRENEES. <LDG>. ML 2.0 (LDG), 2.0 (STR).
09  06 26 46.1& 34.316 N   31.998 E   25                     5  CYPRUS REGION. <CSS>. ML 2.5 (CSS).
09  06 31 45.5& 39.339 N   38.334 E   10 G                    4  TURKEY. <ISK>. MD 3.5 (ISK).
09  06 32 59.3*  7.134 S  129.120 E  167 *  4.6       1.3   26  BANDA SEA
09  06 33 02.3? 44.27  N  129.18  W   10 G  4.1       1.2    7  OFF COAST OF OREGON
09  07 13 42.1& 31.784 S   70.019 W  146                    12  CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.2 (GUC).
09  07 28 51.6? 25.20  S  129.66  E   10 G            0.5    5  NORTHERN TERRITORY, AUSTRALIA
09  07 49 33.9& 31.708 S   70.355 W  120                    11  CHILE-ARGENTINA BORDER REGION. <GUC>.
09  07 59 54.4& 39.211 N   27.264 E   10 G                    4  TURKEY. <ISK>. MD 2.8 (ISK).
09  08 16 34.1  42.056 S   84.269 E   10 G  5.3 5.2   1.1   75  SOUTHEAST INDIAN RIDGE. Mw 5.6 (HRV).
                                                               Centroid, Moment Tensor (HRV): Centroid origin time
                                                                08:16:46.1; Lat 41.53 S; Lon 84.57 E; Dep 15.0 Bdy; Half-
                                                                duration 1.5 sec; Principal axes (scale 10**17 Nm): (T)
                                                                Val=2.77, Plg=64, Azm=236; (N) Val=-0.31, Plg=21, Azm=19;
                                                                (P) Val=-2.47, Plg=14, Azm=115; Best double couple:
                                                                Mo=2.6*10**17 Nm; NP1: Strike=232, Dip=36, Slip=128; NP2:
                                                                Strike=8, Dip=62, Slip=66.
09  08 21 12.4? 15.80  S  168.03  E  222 ?  4.4       1.3   15  VANUATU ISLANDS
09  09 10 58.0*  9.753 N  122.728 E   33 N  4.0       0.8    7  NEGROS, PHILIPPINE ISLANDS
09  09 45 30.9& 40.417 N   29.219 E   10 G                    6  TURKEY. <ISK>. MD 2.8 (ISK).
09  11 01 49.3? 43.16  N    6.66  E   10 G            0.3    8  NEAR SOUTH COAST OF FRANCE
09  11 20 56.9? 13.57  N  145.62  E   59 ?  3.6       0.7    8  MARIANA ISLANDS
09  11 36 52.9& 45.700 N    7.000 E   12                     5  NORTHERN ITALY. <LDG>. ML 2.2 (LDG).
09  11 43 07.2& 64.404 N  145.544 W    8                    30  CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC), 2.8 (PMR).
09  12 00 47.7& 64.407 N  145.561 W    9                    44  CENTRAL ALASKA. <AEIC>. ML 2.9 (AEIC), 3.0 (PMR).
09  12 05 11.1& 63.270 N  151.366 W   11                    38  CENTRAL ALASKA. <AEIC>. ML 2.9 (AEIC), 3.2 (PMR).
09  12 16 01.8  26.354 S  178.221 E  621 D  5.5       1.0  274  SOUTH OF FIJI ISLANDS. Mw 6.2 (HRV), 6.1 (GS). Me 5.6 (GS).
                                                               Broadband Source Parameters (GS): Dep 605; NP1: Strike=205,
                                                                Dip=83, Slip=50; NP2: Strike=107, Dip=41, Slip=169;
                                                                Radiated energy 5.7*10**12 Nm.
                                                               Moment Tensor (GS): Dep 615; Principal axes (scale 10**18
                                                                Nm): (T) Val=1.52, Plg=28, Azm=79; (N) Val=0.05, Plg=49,
                                                                Azm=205; (P) Val=-1.58, Plg=28, Azm=333; Best double
                                                                couple: Mo=1.6*10**18 Nm; NP1: Strike=116, Dip=49,
                                                                Slip=-180; NP2: Strike=26, Dip=90, Slip=-41.
                                                               Centroid, Moment Tensor (HRV): Centroid origin time
                                                                12:16:07.6; Lat 26.37 S; Lon 178.28 E; Dep 635.6; Half-
                                                                duration 3.3 sec; Principal axes (scale 10**18 Nm): (T)
                                                                Val=1.88, Plg=31, Azm=75; (N) Val=0.39, Plg=50, Azm=209;
                                                                (P) Val=-2.27, Plg=23, Azm=330; Best double couple:
                                                                Mo=2.1*10**18 Nm; NP1: Strike=110, Dip=50, Slip=174; NP2:
                                                                Strike=204, Dip=85, Slip=40.
09  12 44 20.3* 38.167 N   74.606 E  170 *  4.1       0.8   17  TAJIKISTAN-XINJIANG BORDER REG.
09  13 17 45.6*  3.064 S  102.256 E  160 ?  4.2       0.9   22  SOUTHERN SUMATERA, INDONESIA
09  13 17 53.4& 31.898 S   70.789 W  147                    11  CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.4 (GUC).
09  13 47 41.0& 31.891 S   70.178 W  123                     9  CHILE-ARGENTINA BORDER REGION. <GUC>.
09  14 03 50.0* 25.412 S  178.296 E  638 *  4.4       1.0   36  SOUTH OF FIJI ISLANDS
09  14 46 27.1  40.128 N   25.722 E   10 G            0.9    7  AEGEAN SEA. MD 3.1 (ISK), 2.9 (ATH).
09  15 34 49.3& 41.098 N   28.059 E   10 G                    4  TURKEY. <ISK>. MD 2.7 (ISK).
09  15 37 03.5& 36.830 N   26.630 E   33 N                    6  DODECANESE ISLANDS. <ATH>. MD 3.5 (ATH).
09  15 43 22.8& 33.880 S   71.108 W   70                    11  NEAR COAST OF CENTRAL CHILE. <GUC>. MD 2.9 (GUC).
09  15 51 56.8& 38.000 N    1.530 W    4                    11  SPAIN. <MDD>. mbLg 2.4 (MDD).
09  16 50 39.7   6.442 S  146.900 E   33 N  4.8       0.9   50  EASTERN NEW GUINEA REG., P.N.G.
09  17 28 26.5* 23.765 S   75.392 E   10 G  4.5 4.2   0.9   16  MID-INDIAN RIDGE
09  17 50 06.9* 16.917 N  146.863 E   33 N  3.6       0.7    8  MARIANA ISLANDS
09  18 01 16.9& 10.493 N   61.633 W   30                     4  TRINIDAD. <TRN>. MD 2.8 (TRN).
09  18 06 40.4? 53.46  S   72.23  W   33 N  4.3       1.0   10  S. CHILE-ARGENTINA BORDER REGION
09  18 23 26.6  23.583 N  128.506 E   33 N  4.0       0.7   16  RYUKYU ISLANDS
09  18 43 55.3* 37.619 S  177.185 E    5 G  3.9       0.8    8  OFF E. COAST OF N. ISLAND, N.Z.
09  19 18 34.6* 21.246 S   66.461 W  246    3.9       0.6   11  SOUTHERN BOLIVIA
09  19 43 46.3& 41.460 N   25.980 E    5                     9  AEGEAN SEA. <ISK>. MD 3.2 (ISK), 2.9 (ATH).
09  19 52 00.4& 61.540 N  150.540 W   55                    64  SOUTHERN ALASKA. <AEIC>. ML 3.0 (AEIC), 3.1 (PMR).
09  19 53 43.8* 13.609 N  109.054 W   10 G  3.8       1.2   15  REVILLA GIGEDO ISLANDS REGION
09  20 07 52.6? 45.62  N   26.59  E  100 G            0.8    5  ROMANIA
09  20 10 33.7* 24.266 S   66.958 W  187 *  4.1       1.1   18  SALTA PROVINCE, ARGENTINA
09  20 33 58.7?  7.85  S  121.28  E  198 *  4.4       0.7    9  FLORES SEA
09  20 56 33.3  21.871 S   66.289 W  267    4.0       0.7   17  SOUTHERN BOLIVIA
09  21 02 34.2* 33.485 S   46.277 E   10 G  4.4 4.2   0.8   16  SOUTHWEST INDIAN RIDGE
09  21 31 08.7& 33.689 S   70.877 W   66                    10  CHILE-ARGENTINA BORDER REGION. <GUC>.
09  21 38 46.1? 23.53  S   72.08  W   10 G            0.7   14  OFF COAST OF CENTRAL CHILE
09  22 16 57.2* 64.185 N  148.885 W  100 G            1.1    9  CENTRAL ALASKA
09  22 24 12.9*  5.376 S  146.937 E   33 N  4.5       1.1   22  EASTERN NEW GUINEA REG., P.N.G.
09  22 24 56.4* 17.785 N  120.851 E   85 ?  4.5       1.1   22  LUZON, PHILIPPINE ISLANDS
09  22 34 39.2& 33.148 N   27.644 E    5                     4  TURKEY. <ISK>. MD 2.8 (ISK).
09  23 22 36.1& 32.600 S   69.145 W  167                     9  MENDOZA PROVINCE, ARGENTINA. <GUC>.
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10	00	04	30.8&	44.846	N	6.690	E	7				38	FRANCE. <GEN>. ML 2.8 (GEN), 2.6 (LDG), 2.4 (STR).
10	00	18	28.7&	34.380	N	22.940	E	5				17	CENTRAL MEDITERRANEAN SEA. <ATH>. ML 4.1 (ATH).
10	00	33	07.0*	29.304	N	142.271	E	33	N	4.4	1.2	23	SOUTH OF HONSHU, JAPAN
10	01	12	50.7&	31.570	S	70.002	W	161				11	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.1 (GUC).
10	01	49	48.2	0.482	N	124.504	E	113	*	4.8	1.0	24	MINAHASSA PENINSULA, SULAWESI
10	02	32	13.5&	43.084	N	18.036	E	24				16	NORTHWESTERN BALKAN REGION. <PDG>. MD 2.8 (PDG).
10	03	46	26.5&	42.055	N	20.593	E	11				12	NORTHWESTERN BALKAN REGION. <PDG>. MD 2.2 (PDG).
10	04	17	11.3&	42.192	N	20.977	E	4				12	NORTHWESTERN BALKAN REGION. <PDG>. MD 2.4 (PDG).
10	04	20	45.0&	32.210	S	71.007	W	86				12	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.0 (GUC).
10	04	40	36.9*	85.018	N	11.495	E	10	G	3.9	0.9	8	NORTH OF SVALBARD
10	04	47	05.8&	32.623	S	70.563	W	90				11	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.6 (GUC).
10	05	08	35.6*	85.595	N	81.169	E	10	G	4.2	1.4	18	NORTH OF SEVERNAYA ZEMLYA
10	06	12	11.1*	9.225	S	112.138	E	33	N	4.0	1.3	16	SOUTH OF JAWA, INDONESIA
10	06	36	37.2*	6.554	S	147.269	E	33	N	3.9	1.3	9	EASTERN NEW GUINEA REG., P.N.G.
10	06	53	47.5*	14.313	S	166.777	E	326	*	4.2	1.0	39	VANUATU ISLANDS
10	07	45	26.6&	18.030	N	68.520	W	108				6	MONA PASSAGE. <MPR>. MD 3.1 (MPR).
10	07	50	36.2	5.550	S	145.383	E	33	N	4.5	0.8	47	EASTERN NEW GUINEA REG., P.N.G.
10	07	52	22.3	24.042	N	121.827	E	10	G	4.8	1.0	32	TAIWAN. Felt (IV JMA) in the epicentral area, (III JMA) at Hua-lien and (I JMA) at I-lan.
10	09	07	29.9*	17.991	S	178.923	W	571	?	4.4	1.0	26	FIJI ISLANDS REGION
10	10	04	51.0	1.883	S	124.520	E	36	*	4.8	1.0	31	SOUTHERN MOLUCCA SEA
10	11	07	59.1*	62.703	S	144.628	E	10	G	4.2	0.6	11	SOUTH OF AUSTRALIA
10	11	37	17.0&	40.990	N	24.000	E	5				5	AEGEAN SEA. <ATH>. MD 2.9 (ATH).
10	12	07	53.3&	36.640	N	7.100	W	16				15	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.3 (MDD).
10	13	07	57.8*	13.225	N	120.348	E	33	N	4.4	0.3	8	MINDORO, PHILIPPINE ISLANDS
10	13	16	49.3&	62.360	N	151.470	W	83		3.5		110	CENTRAL ALASKA. <AEIC>.
10	13	31	34.0*	18.406	S	69.336	W	139	*	4.1	0.9	24	NORTHERN CHILE. Felt (II) at Arica.
10	14	02	32.0	43.851	N	111.025	W	5	G		0.8	39	EASTERN IDAHO. ML 3.5 (GS), 3.8 (BUT). Felt at Driggs. Also felt at Moose, Wyoming.
10	14	44	32.0&	36.810	N	4.140	W	28				15	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.2 (MDD).
10	14	49	26.3*	18.520	N	145.410	E	500	?	3.8	1.1	17	MARIANA ISLANDS
10	15	16	28.6	42.071	N	144.813	E	33	N	4.6 4.1	0.9	47	HOKKAIDO, JAPAN REGION. Felt (I JMA) in the Kushiro area.
10	15	33	25.4&	32.425	S	71.730	W	26				12	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.8 (GUC).
10	15	55	24.4	28.691	S	71.218	W	58	*	4.4	1.1	57	NEAR COAST OF CENTRAL CHILE
10	16	19	42.7*	5.564	S	152.949	E	33	N	4.1	1.2	14	NEW BRITAIN REGION, P.N.G.
10	16	39	34.8&	44.451	N	7.328	E	8				7	NORTHERN ITALY. <GEN>. ML 1.9 (GEN).
10	16	51	13.1&	38.960	S	174.900	E	218				12	NORTH ISLAND, NEW ZEALAND. <WEL>.
10	16	51	28.2	31.583	S	69.324	W	113	*		0.8	17	SAN JUAN PROVINCE, ARGENTINA. MD 3.7 (GUC).
10	16	59	06.5*	42.132	N	70.220	E	33	N	3.8	0.7	13	CENTRAL KAZAKHSTAN
10	17	51	58.2	42.175	S	84.421	E	10	G	4.8	0.8	24	SOUTHEAST INDIAN RIDGE
10	18	06	26.5&	44.411	N	6.978	E	6				23	FRANCE. <GEN>. ML 2.1 (GEN), 1.9 (LDG), 1.8 (STR).
10	18	07	00.4?	21.01	S	178.29	W	496	?	4.1	0.9	30	FIJI ISLANDS REGION
10	18	39	17.5*	12.745	N	57.436	E	10	G	4.7	0.9	17	ARABIAN SEA
10	18	43	08.5&	35.930	N	21.880	E	5				8	CENTRAL MEDITERRANEAN SEA. <ATH>. ML 3.7 (ATH).
10	19	00	27.3*	48.585	N	155.421	E	33	N	3.5	1.4	8	KURIL ISLANDS
10	19	17	14.0*	6.733	S	147.509	E	33	N	4.2	0.9	10	EASTERN NEW GUINEA REG., P.N.G.
10	19	23	01.5*	13.096	N	57.480	E	10	G	4.6	0.8	19	ARABIAN SEA
10	19	31	27.6*	23.794	S	179.995	E	550	G	4.5	0.9	31	SOUTH OF FIJI ISLANDS
10	20	09	32.7&	44.437	N	7.320	E	1				6	NORTHERN ITALY. <GEN>. ML 1.6 (GEN).
10	20	42	33.5*	28.217	N	87.964	E	33	N	3.9	1.3	9	XIZANG
10	20	44	31.3*	15.448	S	167.667	E	159	*	4.5	1.0	38	VANUATU ISLANDS
10	21	45	17.2	45.471	N	7.716	E	5	G		0.9	19	NORTHERN ITALY. ML 2.0 (LDG).
10	22	01	21.9&	35.025	N	32.277	E	25				5	CYPRUS REGION. <CSS>. ML 1.6 (CSS).
10	22	27	50.5&	19.797	S	124.814	E	10	G		0.9	6	WESTERN AUSTRALIA
10	22	46	01.2&	36.610	N	27.530	E	107				17	DODECANESE ISLANDS. <ATH>. MD 3.3 (ISK).
10	23	20	42.4&	18.060	N	66.860	W	19				10	PUERTO RICO REGION. <MPR>. MD 2.9 (MPR).
10	23	57	44.4&	34.377	N	32.149	E	25				6	CYPRUS REGION. <CSS>.
11	00	05	21.8*	44.264	N	99.665	E	10	G	4.3	1.1	15	MONGOLIA
11	00	05	37.8&	48.200	N	122.755	W	20				45	WASHINGTON. <SEA-P>. MD 2.6 (SEA). ML 2.7 (PGC).
11	01	43	08.4&	61.640	N	150.750	W	56				44	SOUTHERN ALASKA. <AEIC>. ML 2.8 (AEIC).
11	01	53	47.9	11.130	N	86.451	W	68	*	4.4	1.0	49	NEAR COAST OF NICARAGUA. MD 4.6 (CASC).
11	02	07	01.8*	6.060	S	145.881	E	184	?	4.2	1.3	18	NEW GUINEA, PAPUA NEW GUINEA
11	02	51	39.4&	32.033	S	71.439	W	36				10	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.6 (GUC).
11	03	35	35.4*	42.089	S	84.467	E	10	G	4.2	0.7	10	SOUTHEAST INDIAN RIDGE
11	03	38	30.6*	1.812	N	126.102	E	117	?	4.2	0.7	11	NORTHERN MOLUCCA SEA
11	03	48	19.9	54.012	N	158.834	E	127	*	4.3	0.8	17	KAMCHATKA
11	03	58	11.2&	34.258	N	32.089	E	25				9	CYPRUS REGION. <CSS>. ML 2.8 (CSS).
11	04	35	36.2	3.133	N	126.689	E	33	N	5.0	1.2	39	TALAUD ISLANDS, INDONESIA
11	04	47	05.9&	60.630	N	148.910	W	37				43	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.7 (AEIC).
11	05	40	15.3&	34.028	S	70.140	W	6				10	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.5 (GUC).
11	05	51	39.9&	53.600	N	164.550	W	9		3.1		18	UNIMAK ISLAND REGION. <AEIC>. ML 3.5 (AEIC).
11	06	52	56.5	28.386	N	57.175	E	61	?	4.5	0.9	47	SOUTHERN IRAN
11	07	14	46.4	35.753	N	24.463	E	104			0.7	17	CRETE
11	07	17	20.3*	12.181	N	87.015	W	33	N	3.8	0.7	15	NEAR COAST OF NICARAGUA
11	07	17	28.7&	42.800	N	1.900	W	2				22	PYRENEES. <LDG>. ML 2.7 (STR), 2.6 (LDG). mbLg 2.5 (MDD).
11	07	31	19.6&	36.817	N	121.533	W	6				13	CENTRAL CALIFORNIA. <GM-P>. MD 3.0 (GM). ML 3.0 (BRK).
11	07	41	34.6	25.674	N	129.210	E	33	N	3.4	0.9	13	SOUTHEAST OF RYUKYU ISLANDS
11	07	48	30.8&	36.691	N	122.026	W	8				9	CENTRAL CALIFORNIA. <GM-P>. MD 2.7 (GM). Felt at Monterey.
11	08	36	44.6?	1.90	S	124.54	E	33	N	4.3	1.5	14	SOUTHERN MOLUCCA SEA
11	09	09	19.5&	34.352	N	118.580	W	2				34	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.6 (PAS). Felt throughout the San Fernando Valley and as far south as West Hollywood.
11	09	28	17.4&	39.135	N	25.682	E	13				5	AEGEAN SEA. <ISK>. MD 3.1 (ISK).
11	09	49	22.3	40.038	N	15.993	E	10	G		1.1	45	SOUTHERN ITALY. MD 3.5 (ROM), 3.4 (PDG).
11	11	52	45.9	85.568	N	86.104	E	10	G	4.6 4.3	1.1	50	NORTH OF SEVERNAYA ZEMLYA
11	11	53	15.2&	34.494	N	32.028	E	25				6	CYPRUS REGION. <CSS>. ML 2.4 (CSS).
11	12	04	51.8&	32.826	S	72.883	W	27				10	OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.6 (GUC).
11	13	11	57.5*	20.663	S	68.368	E	10	G	4.3	1.3	14	MID-INDIAN RIDGE
11	13	12	31.0	85.571	N	84.473	E	10	G	4.1	1.0	18	NORTH OF SEVERNAYA ZEMLYA
11	14	09	03.1*	14.079	S	67.846	W	33	N	4.0	1.2	9	CENTRAL BOLIVIA
11	15	08	38.0&	44.413	N	7.357	E	8				22	NORTHERN ITALY. <GEN>. ML 2.4 (GEN), 2.1 (LDG).
11	15	11	36.7*	3.319	S	138.811	E	33	N	4.2	1.0	9	IRIAN JAYA, INDONESIA
11	15	23	38.6	33.674	N	137.029	E	363		4.4	0.9	71	NEAR S. COAST OF HONSHU, JAPAN. Felt (I JMA) in parts of Fukushima, Ibaraki and Tochigi Prefectures.

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11  16 35 44.6& 34.084 S   70.069 W    5                    9  CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.3 (GUC).
11  16 51 39.1   6.000 S  148.495 E   55    5.6 5.7  1.0  131  NEW BRITAIN REGION, P.N.G. Mw 6.0 (GS), 6.0 (HRV). Me 5.5
                                                                 (GS).
                                                                 Broadband Source Parameters (GS): Dep 45; NP1: Strike=135,
                                                                  Dip=50, Slip=105; NP2: Strike=292, Dip=42, Slip=73;
                                                                  Radiated energy 4.1*10**12 Nm.
                                                                 Moment Tensor (GS): Dep 43; Principal axes (scale 10**18
                                                                  Nm): (T) Val=1.42, Plg=75, Azm=16; (N) Val=-0.46, Plg=10,
                                                                  Azm=148; (P) Val=-0.96, Plg=11, Azm=240; Best double
                                                                  couple: Mo=1.2*10**18 Nm; NP1: Strike=343, Dip=35,
                                                                  Slip=108; NP2: Strike=141, Dip=57, Slip=78.
                                                                 Centroid, Moment Tensor (HRV): Centroid origin time
                                                                  16:50:45.1; Lat 6.31 S; Lon 148.73 E; Dep 45.4; Half-
                                                                  duration 2.6 sec; Principal axes (scale 10**18 Nm): (T)
                                                                  Val=1.21, Plg=76, Azm=351; (N) Val=0.18, Plg=0, Azm=83; (P)
                                                                  Val=-1.38, Plg=14, Azm=173; Best double couple:
                                                                  Mo=1.3*10**18 Nm; NP1: Strike=263, Dip=31, Slip=91; NP2:
                                                                  Strike=82, Dip=59, Slip=90.
11  17 21 10.7& 34.319 N  116.841 W    7                   27  SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
11  17 30 05.0& 34.698 S   71.815 W   32                   10  NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.5 (GUC).
11  17 48 32.9? 66.92  N  157.26  W   10 G          0.5    4  NORTHERN ALASKA. ML 3.2 (PMR).
11  18 58 13.9& 36.680 N    4.680 W   35                   26  STRAIT OF GIBRALTAR. <MDD>.
11  19 18 18.8  18.452 N  145.154 E  513 D  4.5      0.8   96  MARIANA ISLANDS
11  19 37 21.6& 64.970 N  147.500 W   15                   21  CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
11  19 39 51.2  55.733 N  110.223 E   10 G  3.8      1.2   16  LAKE BAYKAL REGION, RUSSIA
11  19 44 38.5* 38.301 N   73.104 E  135 D  3.9      1.0   11  TAJIKISTAN-XINJIANG BORDER REG.
11  21 11 19.4& 38.591 N   30.069 E   10 G                  5  TURKEY. <ISK>. MD 2.9 (ISK).
11  21 35 09.3& 37.771 N   38.176 E    8                    6  TURKEY. <ISK>. MD 3.9 (ISK).
11  21 37 27.8& 41.380 N   24.310 E    5                    8  GREECE-BULGARIA BORDER REGION. <ATH>. MD 3.3 (ATH).
11  21 42 09.0* 33.298 N  141.846 E   33 N          1.3    9  OFF EAST COAST OF HONSHU, JAPAN
11  21 51 16.3* 45.627 N   15.442 E   10 G          1.1   12  NORTHWESTERN BALKAN REGION. ML 2.8 (VIE), 2.3 (LJU).
11  21 55 57.1& 37.410 N    2.580 W    0 G                  8  SPAIN. <MDD>. mbLg 1.7 (MDD).
11  22 24 14.7& 46.300 N    3.500 E   12                   14  FRANCE. <LDG>. ML 2.2 (LDG), 2.0 (STR).
11  23 18 15.3  46.055 N   14.775 E   10 G          0.4    8  NORTHWESTERN BALKAN REGION. ML 2.3 (VIE).
11  23 40 49.6  25.812 N  141.659 E   41 D  3.5      0.9   11  VOLCANO ISLANDS REGION
12  00 22 36.1  37.219 N  142.236 E   33 N  4.5      1.0   44  OFF EAST COAST OF HONSHU, JAPAN
12  00 43 19.9? 17.18  S  178.80  W  500 G  3.7      1.0   14  FIJI ISLANDS REGION
12  01 54 16.2  22.864 S   70.466 W   40 D  4.9 4.5  1.1   71  NEAR COAST OF NORTHERN CHILE. Felt (V) at Mejillones; (III)
                                                                 at Calama, Maria Elena and Tocopilla; (II) at Antofagasta.
12  02 31 40.1? 35.54  N  135.76  E  358 ?  3.7      1.4   12  WESTERN HONSHU, JAPAN
12  03 00 49.5* 21.422 N   45.641 W   10 G  4.7 4.6  0.8   31  NORTHERN MID-ATLANTIC RIDGE
12  03 38 26.3* 17.230 N  147.331 E   33 N  3.9      1.3   14  MARIANA ISLANDS REGION
12  04 11 59.5*  3.559 N  127.868 E  150 ?  4.3      1.1   18  TALAUD ISLANDS, INDONESIA
12  04 28 11.9& 33.020 S   72.210 W   16                   12  OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.5 (GUC).
12  05 33 36.9  37.234 N   14.018 E   10 G          1.3   41  SICILY. ML 3.3 (RCM).
12  05 42 41.2?  7.41  S  128.50  E  100 G  4.3      1.4   10  BANDA SEA
12  05 52 24.8  36.913 N   31.077 E   10 G          0.5    8  TURKEY
12  06 18 08.9  18.017 N  119.628 E   33 N  4.4      0.9   19  PHILIPPINE ISLANDS REGION
12  06 39 33.5& 33.316 S   70.703 W   78                   12  CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.6 (GUC).
12  07 15 19.3  11.824 N  144.926 E   33 N  4.3      0.9   19  SOUTH OF MARIANA ISLANDS
12  07 20 06.7? 21.47  S   68.26  W  145 *  3.9      1.2   10  CHILE-BOLIVIA BORDER REGION
12  07 23 25.6& 39.208 N   27.484 E   10 G                  4  TURKEY. <ISK>. MD 2.7 (ISK).
12  08 19 09.4& 39.581 N   29.110 E   15                    6  TURKEY. <ISK>. MD 2.7 (ISK).
12  08 47 14.3? 44.74  N  140.65  E  266 ?  3.0      1.4    9  EASTERN SEA OF JAPAN
12  08 52 18.7  17.183 N  147.107 E   33 N  4.6 4.0  0.8   47  MARIANA ISLANDS REGION
12  08 55 16.8& 40.478 N   29.225 E    6                    5  TURKEY. <ISK>. MD 2.6 (ISK).
12  09 19 54.9  17.193 N  147.026 E   33 N  4.7 4.4  0.9   59  MARIANA ISLANDS REGION
12  09 41 16.3  20.036 S  168.575 E   43    5.4 5.7  1.0  180  LOYALTY ISLANDS. Mw 5.9 (HRV).
                                                                 Centroid, Moment Tensor (HRV): Centroid origin time
                                                                  09:41:20.6; Lat 20.14 S; Lon 168.45 E; Dep 20.0; Half-
                                                                  duration 2.3 sec; Principal axes (scale 10**17 Nm): (T)
                                                                  Val=8.11, Plg=70, Azm=69; (N) Val=0.93, Plg=3, Azm=168; (P)
                                                                  Val=-9.04, Plg=21, Azm=259; Best double couple:
                                                                  Mo=8.5*10**17 Nm; NP1: Strike=355, Dip=25, Slip=97; NP2:
                                                                  Strike=167, Dip=65, Slip=86.
                                                                 Scalar Moment (PPT): Mo=1.4*10**18 Nm.
12  10 18 08.3& 39.664 N   29.201 E   10 G                  5  TURKEY. <ISK>. MD 2.7 (ISK).
12  11 39 18.8*  2.285 N  126.632 E   33 N  3.9      0.4    9  NORTHERN MOLUCCA SEA
12  11 40 04.0& 39.359 N   27.596 E    5                    4  TURKEY. <ISK>. MD 2.6 (ISK).
12  12 18 40.2* 22.247 N   94.481 E  100 G          0.6   12  MYANMAR
12  12 50 02.9  63.699 N  150.831 W   33 N          0.3    6  CENTRAL ALASKA. ML 2.3 (PMR).
12  13 47 48.7? 24.60  S  179.40  E  586 ?  4.5      0.9   18  SOUTH OF FIJI ISLANDS
12  14 11 26.8* 30.523 N   79.410 E   10 G          1.4    5  XIZANG-INDIA BORDER REGION
12  14 53 05.4& 35.540 S   71.340 W  133                    9  CENTRAL CHILE. <GUC>. MD 2.5 (GUC).
12  14 59 54.7* 17.088 N  147.305 E   33 N  3.9      0.8   11  MARIANA ISLANDS REGION
12  15 46 43.4& 38.922 N   27.028 E   10 G                  5  TURKEY. <ISK>. MD 3.1 (ISK).
12  16 17 55.8* 33.066 S  178.609 E  519 *  4.3      1.1   35  SOUTH OF KERMADEC ISLANDS
12  17 19 13.6& 37.240 N   22.630 E   34                    6  SOUTHERN GREECE. <ATH>. MD 3.3 (ATH).
12  17 14 49.3& 40.134 N   28.889 E   10 G                  7  TURKEY. <ISK>. MD 2.8 (ISK).
12  17 16 27.9  40.465 N   31.481 E   10 G          1.4   41  GREECE. ML 4.1 (RCM), 4.0 (ATH), 3.9 (PDG).
12  17 41 05.2* 22.416 S  170.411 E   33 N  4.4      1.3   27  LOYALTY ISLANDS REGION
12  18 38 14.7& 37.800 N   22.990 E    5                    8  SOUTHERN GREECE. <ATH>. MD 3.3 (ATH).
12  18 49 43.2*  4.871 S  102.983 E   33 N  4.4      1.0   10  SOUTHERN SUMATERA, INDONESIA
12  19 10 50.8*  7.077 S  156.366 E  110 ?  4.5      0.9   31  SOLOMON ISLANDS
12  19 11 33.8* 52.662 N  168.631 W   33 N  4.2      0.7   16  FOX ISLANDS, ALEUTIAN ISLANDS
12  19 18 30.7% 15.704 N   60.592 W   33 N          0.2    6  LEEWARD ISLANDS. MD 2.5 (FDF).
12  19 43 56.9  72.977 N    6.438 E   10 G  4.7      1.2   23  NORWEGIAN SEA
12  19 51 35.8* 73.228 N    7.097 E   10 G  3.8      1.5   16  GREENLAND SEA
12  20 16 28.1& 58.172 N  151.237 W   11                   54  KODIAK ISLAND REGION. <AEIC>. ML 3.0 (AEIC).
12  20 20 51.4* 48.095 N  145.822 E  510 G  3.7      0.8   11  SEA OF OKHOTSK
12  21 04 06.0* 12.572 S  166.019 E   67 ?  4.4      1.1   23  SANTA CRUZ ISLANDS
12  21 32 21.9?  0.48  N  124.26  E   33 N  4.2      0.9    9  MINAHASSA PENINSULA, SULAWESI
12  22 18 25.0& 33.983 S   70.387 W   10                    6  CHILE-ARGENTINA BORDER REGION. <GUC>.
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12  22 11 25.4* 14.507 N   92.949 W   60 ?  4.5       1.0   39  NEAR COAST OF CHIAPAS, MEXICO. MD 4.9 (CASC).
12  22 11 43.7* 15.256 S   71.018 W  190 *  3.8       0.8   14  SOUTHERN PERU
13  00 12 01.7*  6.803 N   72.961 W  166 ?  3.9       0.9   16  NORTHERN COLOMBIA
13  00 36 29.9& 42.800 N    2.600 E    8                     14  PYRENEES. <LDG>. ML 2.5 (LDG), 2.3 (STR).
13  00 38 04.9& 31.389 S   71.948 W   14                      8  NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.6 (GUC).
13  01 49 34.1& 38.797 N   27.020 E   10 G                     5  TURKEY. <ISK>. MD 2.9 (ISK).
13  02 01 01.4* 25.920 N  124.728 E  178 ?  3.0       1.4   10  NORTHEAST OF TAIWAN
13  02 09 22.2  73.215 N    6.650 E   10 G  5.0 4.7   1.1   90  GREENLAND SEA. Mw 5.1 (HRV).
                                                               Centroid, Moment Tensor (HRV): Centroid origin time
                                                                02:09:25.7; Lat 73.21 N Fix; Lon 6.65 E Fix; Dep 15.0 Fix;
                                                                Half-duration 1.0 sec; Principal axes (scale 10**16 Nm):
                                                                (T) Val=3.79, Plg=25, Azm=291; (N) Val=1.90, Plg=26,
                                                                Azm=189; (P) Val=-5.69, Plg=53, Azm=59; Best double couple:
                                                                Mo=4.7*10**16 Nm; NP1: Strike=63, Dip=31, Slip=-32; NP2:
                                                                Strike=181, Dip=74, Slip=-117.
13  02 24 15.9? 73.12  N    7.03  E   10 G           1.4    7  GREENLAND SEA
13  02 25 05.6? 73.22  N    7.58  E   10 G  4.1       1.5   12  GREENLAND SEA
13  03 22 16.8? 51.40  N   16.20  E    5 G           0.9    6  POLAND. ML 3.0 (VIE).
13  04 04 33.3& 34.644 S   70.701 W  106                     10  CHILE-ARGENTINA BORDER REGION. <GUC>.
13  04 56 52.7?  5.63  S  152.68  E   33 N  4.0       1.2    8  NEW BRITAIN REGION, P.N.G.
13  05 30 00.7* 25.418 N  122.879 E  250 G  3.6       0.9   11  TAIWAN REGION
13  06 27 03.6  16.147 N   61.190 W   33 N           0.6   11  LEEWARD ISLANDS. MD 3.0 (TRN), 2.6 (FDF).
13  06 31 01.6* 33.094 S   68.953 W   10 G           1.1   14  MENDOZA PROVINCE, ARGENTINA. MD 3.4 (GUC).
13  06 43 08.4* 35.887 N    8.588 W   10 G           0.9   35  WEST OF GIBRALTAR. mbLg 3.6 (MDD).
13  06 54 22.9  46.056 N   14.782 E   10 G           0.4   11  NORTHWESTERN BALKAN REGION. ML 2.9 (VIE), 2.4 (LJU). Felt
                                                                (IV) at Ribce, Slovenia.
13  07 07 49.4& 54.724 N  164.170 W    0 G                    30  UNIMAK ISLAND REGION. <AEIC>. ML 3.8 (AEIC).
13  07 32 32.3& 54.728 N  164.175 W    0 G  4.2              60  UNIMAK ISLAND REGION. <AEIC>. ML 4.4 (AEIC), 4.4 (PMR).
13  07 55 30.3*  6.288 S  150.763 E   33 N  4.2       0.8   10  NEW BRITAIN REGION, P.N.G.
13  08 17 18.4* 14.308 N   90.762 W   33 N  3.7       1.0   17  GUATEMALA
13  09 04 30.4* 72.854 N    6.136 E   10 G  2.9       0.6    5  NORWEGIAN SEA
13  09 07 40.3& 37.420 N    2.300 W    0                     18  SPAIN. <MDD>. mbLg 3.0 (MDD).
13  09 32 39.5? 17.49  N   94.54  W  150 G  3.8       0.6   11  CHIAPAS, MEXICO
13  09 47 04.9  38.353 N   39.146 E   33 N  4.4       1.2   37  TURKEY. MD 4.4 (ISK).
13  10 38 48.4  21.422 S  176.460 W  164 D  6.4       0.8  464  FIJI ISLANDS REGION. Mw 6.8 (GS), 6.8 (HRV). Me 6.8 (GS).
                                                               Broadband Source Parameters (GS): Dep 170; NP1: Strike=20,
                                                                Dip=83, Slip=-105; NP2: Strike=266, Dip=17, Slip=-25;
                                                                Radiated energy 4.1*10**14 Nm.
                                                               Moment Tensor (GS): Dep 159; Principal axes (scale 10**19
                                                                Nm): (T) Val=2.07, Plg=41, Azm=110; (N) Val=-0.02, Plg=3,
                                                                Azm=18; (P) Val=-2.06, Plg=49, Azm=284; Best double couple:
                                                                Mo=2.1*10**19 Nm; NP1: Strike=233, Dip=5, Slip=-54; NP2:
                                                                Strike=17, Dip=86, Slip=-93.
                                                               Centroid, Moment Tensor (HRV): Centroid origin time
                                                                10:38:54.4; Lat 21.54 S; Lon 175.89 W; Dep 172.8; Half-
                                                                duration 6.3 sec; Principal axes (scale 10**19 Nm): (T)
                                                                Val=1.89, Plg=40, Azm=119; (N) Val=0.00, Plg=14, Azm=17;
                                                                (P) Val=-1.89, Plg=47, Azm=271; Best double couple:
                                                                Mo=1.9*10**19 Nm; NP1: Strike=272, Dip=15, Slip=-14; NP2:
                                                                Strike=16, Dip=86, Slip=-104.
                                                               Scalar Moment (PPT): Mo=4.0*10**19 Nm.
13  10 42 10.7& 39.678 N   29.397 E   11                      6  TURKEY. <ISK>. MD 2.6 (ISK).
13  10 48 23.6  21.473 S  176.774 W  300 G  4.9       0.9   43  FIJI ISLANDS REGION
13  11 00 05.4& 54.728 N  164.180 W    0                     23  UNIMAK ISLAND REGION. <AEIC>. ML 3.8 (AEIC).
13  11 04 54.8*  6.588 S  151.040 E   33 N  4.7       0.8   10  NEW BRITAIN REGION, P.N.G.
13  11 38 37.5? 20.98  S  176.79  W  200 G  4.0       0.2   10  FIJI ISLANDS REGION
13  12 22 28.6* 20.004 S  168.583 E   33 N  4.2       0.7    9  LOYALTY ISLANDS
13  12 30 43.0* 86.919 N   59.372 E   10 G  3.6       1.0    8  NORTH OF FRANZ JOSEF LAND
13  12 37 15.9* 21.602 S  176.638 W  300 G  4.0       0.9   25  FIJI ISLANDS REGION
13  13 35 50.0? 54.14  N  156.79  W   33 N  2.9       1.3    8  SOUTH OF ALASKA
13  13 40 32.6* 85.811 N   79.196 E   10 G  3.7       1.0   11  NORTH OF SEVERNAYA ZEMLYA
13  14 23 00.7* 85.437 N   83.793 E   10 G  3.6       1.2    9  NORTH OF SEVERNAYA ZEMLYA
13  15 04 01.4  38.576 N   70.531 E   33 N  4.4       1.0   25  AFGHANISTAN-TAJIKISTAN BORD REG.
13  17 28 25.4& 39.240 N    1.980 W    5                     12  SPAIN. <MDD>. mbLg 2.7 (MDD).
13  17 55 36.6& 42.700 N    2.300 E    6                      8  PYRENEES. <LDG>. ML 2.5 (LDG), 2.3 (STR).
13  17 56 10.3  85.661 N   83.643 E   10 G  4.0       0.7   17  NORTH OF SEVERNAYA ZEMLYA
13  18 22 54.3& 33.669 N  117.954 W   11                     29  SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS). Felt at Costa
                                                                Mesa, Fountain Valley, Huntington Beach, Irvine, Long
                                                                Beach, Santa Ana and Seal Beach.
13  19 03 44.7* 56.097 N  114.368 E   10 G           1.1    5  EAST OF LAKE BAYKAL, RUSSIA
13  19 23 18.2& 33.867 S   70.892 W   74                     10  CHILE-ARGENTINA BORDER REGION. <GUC>.
13  19 49 51.2* 10.154 S  118.432 E   93 *  3.6       1.1   13  SOUTH OF SUMBAWA, INDONESIA
13  19 58 59.8& 32.449 S   71.581 W   51                     10  NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.5 (GUC).
13  20 04 15.7  53.716 N  163.159 W   33 N  4.9 4.7   1.0  100  UNIMAK ISLAND REGION. Mw 5.1 (HRV). ML 4.8 (PMR).
                                                               Centroid, Moment Tensor (HRV): Centroid origin time
                                                                20:04:18.2; Lat 53.82 N; Lon 162.84 W; Dep 15.0 Fix; Half-
                                                                duration 1.0 sec; Principal axes (scale 10**16 Nm): (T)
                                                                Val=4.93, Plg=68, Azm=341; (N) Val=-0.37, Plg=10, Azm=225;
                                                                (P) Val=-4.56, Plg=19, Azm=131; Best double couple:
                                                                Mo=4.7*10**16 Nm; NP1: Strike=204, Dip=27, Slip=67; NP2:
                                                                Strike=49, Dip=65, Slip=101.
13  20 28 58.9& 35.610 N    4.000 W    0 G                     7  STRAIT OF GIBRALTAR. <MDD>. mbLg 2.2 (MDD).
13  20 34 26.2* 40.951 S   73.348 W  100 G  4.4       0.9   15  NEAR COAST OF CENTRAL CHILE
13  20 41 27.4* 22.936 S   39.695 E   10 G  4.6 4.4   1.2   16  MOZAMBIQUE CHANNEL
13  20 52 18.2& 34.333 S   70.443 W  118                     12  CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.1 (GUC).
13  20 54 45.0? 43.14  N  148.00  E   33 N  3.7       1.1    6  EAST OF KURIL ISLANDS
13  21 02 44.7& 63.479 N  150.099 W  131    2.9              62  CENTRAL ALASKA. <AEIC>.
13  21 11 40.2* 43.338 N  127.592 W   10 G           0.4   35  OFF COAST OF OREGON
13  21 20 34.6  37.430 N    2.282 W   10 G           0.6   25  SPAIN. mbLg 3.0 (MDD). Felt (IV) at Cantoria, Fines, Olula
                                                                del Rio and Partaloa; (III) at Albox.
13  21 23 26.3  33.148 N  141.486 E   33 N  4.6       0.8   27  OFF EAST COAST OF HONSHU, JAPAN
13  21 24 06.4  51.681 N   16.166 E    5 G           0.7   21  POLAND. ML 3.6 (GRF), 3.4 (VIE).
13  21 40 54.5* 31.016 S   71.230 W   33 N           1.0   15  NEAR COAST OF CENTRAL CHILE. MD 4.0 (GUC).
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13	21	44	58.4&	36.780	N	2.940	W	0				6	STRAIT OF GIBRALTAR. <MDD>. mbLg 1.9 (MDD).
13	23	05	40.8	36.188	N	71.199	E	107	D	4.4	1.0	26	AFGHANISTAN-TAJIKISTAN BORD REG.
13	23	14	29.1&	32.705	S	71.693	W	30				11	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.2 (GUC).
13	23	26	17.0&	32.659	S	71.454	W	25				12	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.3 (GUC).
13	23	28	39.5&	40.510	N	20.710	E	10				6	GREECE-ALBANIA BORDER REGION. <ATH>. MD 3.1 (ATH).
13	23	39	58.0&	33.983	N	116.402	W	31				26	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS).
13	23	42	44.3*	35.433	N	89.591	E	33	N	3.8	0.7	12	XIZANG
13	23	44	51.1?	43.02	N	47.33	E	33	N	4.1	1.5	7	EASTERN CAUCASUS
14	00	31	28.3*	51.194	N	15.904	E	5	G		1.4	9	POLAND. ML 2.9 (VIE).
14	00	48	34.3	40.490	N	127.360	W	10	G	4.0	0.9	39	OFF COAST OF NORTHERN CALIFORNIA
14	00	48	48.0*	25.949	S	69.066	W	100	G	3.8	0.7	11	NORTHERN CHILE
14	01	26	29.7*	21.459	N	143.290	E	250	G	3.8	0.6	10	MARIANA ISLANDS REGION
14	02	40	59.7*	60.178	S	24.814	W	33	N	4.4	0.7	18	SOUTH SANDWICH ISLANDS REGION
14	03	34	07.6*	14.613	N	59.859	W	33	N		0.3	13	WINDWARD ISLANDS. MD 3.4 (TRN), 3.4 (FDF).
14	04	27	05.6*	5.617	S	151.378	E	33	N	4.4	1.2	20	NEW BRITAIN REGION, P.N.G.
14	04	30	59.5&	45.600	N	3.800	E	7				8	FRANCE. <LDG>. ML 1.9 (LDG).
14	04	36	48.2&	35.910	N	6.640	W	0				11	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.0 (MDD).
14	04	44	51.8*	15.030	N	146.349	E	33	N	4.1	1.0	9	MARIANA ISLANDS
14	05	19	36.4	37.567	N	21.059	E	33	N	4.3	1.2	48	SOUTHERN GREECE. MD 4.0 (PDG), 3.9 (ATH). Felt on Zakinthos. Also felt in Achaea and Ilia.
14	05	29	22.7&	32.859	S	70.511	W	100				12	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.1 (GUC).
14	06	00	46.9	0.685	N	126.776	E	85	*	4.9	0.9	55	NORTHERN MOLUCCA SEA. Mw 5.2 (HRV). Felt (IV) on Ternate, Indonesia. Centroid, Moment Tensor (HRV): Centroid origin time 06:00:44.6; Lat 0.50 N; Lon 126.68 E; Dep 106.8; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=7.74, Plg=35, Azm=310; (N) Val=0.32, Plg=10, Azm=213; (P) Val=-8.06, Plg=53, Azm=109; Best double couple: Mo=7.9*10**16 Nm; NP1: Strike=80, Dip=14, Slip=-42; NP2: Strike=211, Dip=80, Slip=-101.
14	06	01	23.3&	34.030	S	70.063	W	7				11	CHILE-ARGENTINA BORDER REGION. <GUC>.
14	06	03	00.8*	39.617	S	70.716	W	159		4.7	0.9	22	SOUTHERN ARGENTINA
14	06	09	39.7	24.574	N	93.972	E	58	D	4.4	1.0	19	MYANMAR-INDIA BORDER REGION
14	06	20	49.8	46.394	N	12.998	E	10	G		1.1	10	NORTHERN ITALY. ML 2.3 (VIE), 2.0 (LJU).
14	06	39	51.1	38.808	N	21.606	E	10	G	3.8	1.3	21	GREECE. ML 3.5 (ATH).
14	06	46	41.3?	19.52	N	145.43	E	33	N	4.3	0.9	11	MARIANA ISLANDS
14	07	21	31.5&	38.040	N	22.810	E	9				6	GREECE. <ATH>. MD 2.9 (ATH).
14	07	25	04.0	6.772	N	72.946	W	161	D	4.8	0.9	185	NORTHERN COLOMBIA. Felt in northern Colombia.
14	07	29	29.6&	37.400	N	20.910	E	5				5	IONIAN SEA. <ATH>. MD 3.2 (ATH).
14	08	03	29.9	8.171	S	118.163	E	33	N	4.4	1.0	17	SUMBAWA REGION, INDONESIA
14	08	26	16.7*	6.513	S	147.155	E	33	N	4.1	1.2	13	EASTERN NEW GUINEA REG., P.N.G.
14	08	37	36.4?	21.56	S	171.94	E	100	G	4.1	1.3	11	LOYALTY ISLANDS REGION
14	09	09	17.7?	15.90	S	174.15	W	33	N	4.4	0.6	14	TONGA ISLANDS
14	09	40	14.7&	19.210	N	66.780	W	72				5	PUERTO RICO REGION. <MPR>. MD 3.4 (MPR).
14	09	52	55.3&	44.300	N	7.600	E	2				5	NORTHERN ITALY. <LDG>. ML 2.2 (LDG).
14	09	56	25.7&	16.330	N	61.392	W	3				4	LEEWARD ISLANDS. <FDF>. MD 2.0 (FDF).
14	09	56	49.9*	15.836	S	173.694	W	33	N	4.3	0.8	20	TONGA ISLANDS
14	09	58	58.4&	39.405	N	27.813	E	10	G			6	TURKEY. <ISK>. MD 3.0 (ISK).
14	10	28	58.4&	39.660	N	29.562	E	10	G			5	TURKEY. <ISK>. MD 2.6 (ISK).
14	10	30	49.6?	48.96	S	124.95	E	10	G	3.9	1.1	6	SOUTH OF AUSTRALIA
14	10	47	44.8	37.196	N	28.071	E	10	G		0.7	10	TURKEY. MD 3.8 (ATH), 3.3 (ISK).
14	11	03	06.5*	17.105	N	147.332	E	33	N	4.0	1.1	14	MARIANA ISLANDS REGION
14	11	09	00.6	53.997	N	164.725	W	80		4.0	0.6	53	UNIMAK ISLAND REGION
14	11	38	04.7*	46.197	N	15.921	E	10	G		1.1	6	NORTHWESTERN BALKAN REGION. ML 2.2 (VIE).
14	12	10	15.6*	21.814	S	67.242	W	200		4.1	0.7	10	CHILE-BOLIVIA BORDER REGION
14	12	16	44.6&	59.664	N	146.312	W	0				44	GULF OF ALASKA. <AEIC>. ML 2.5 (AEIC).
14	12	43	35.2	37.739	N	22.173	E	99			1.2	52	SOUTHERN GREECE. MD 4.1 (PDG).
14	12	54	05.0&	34.944	S	71.176	W	94				11	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.1 (GUC).
14	13	16	04.0&	38.230	N	21.660	E	5				5	GREECE. <ATH>. MD 2.9 (ATH).
14	14	17	31.7	77.537	N	8.070	E	10	G	4.1	1.0	15	SVALBARD REGION
14	14	19	23.5*	40.408	N	73.083	E	33	N	4.3	0.6	14	KYRGYZSTAN
14	15	11	31.0?	42.14	N	85.08	E	33	N	3.3	1.3	7	NORTHERN XINJIANG, CHINA
14	15	50	37.9*	4.742	S	12.353	W	10	G	4.6	0.9	15	NORTH OF ASCENSION ISLAND
14	17	24	27.8	30.256	N	79.305	E	10	G	4.9	0.7	78	XIZANG-INDIA BORDER REGION. Felt at Delhi and throughout northern Uttar Pradesh, India.
14	17	38	35.4*	63.414	N	150.842	W	33	N		1.3	7	CENTRAL ALASKA. ML 3.1 (PMR).
14	18	04	13.1&	34.014	S	72.265	W	31				12	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.7 (GUC).
14	19	17	43.0*	51.103	N	15.750	E	5	G		0.6	6	POLAND
14	19	28	09.5*	52.089	N	171.114	W	33	N	4.1	1.0	18	FOX ISLANDS, ALEUTIAN ISLANDS
14	20	07	45.0	85.612	N	85.247	E	10	G	4.6	0.9	21	NORTH OF SEVERNAYA ZEMLYA
14	21	27	59.2	9.166	S	123.035	E	33	N	4.0	1.0	16	TIMOR REGION, INDONESIA
14	23	47	45.1&	39.301	N	27.808	E	10	G			6	TURKEY. <ISK>. MD 3.0 (ISK).
15	00	02	26.9?	6.00	S	148.24	E	119	?	4.5	0.9	10	NEW BRITAIN REGION, P.N.G.
15	00	21	27.6?	9.18	S	67.88	E	10	G	4.1	1.2	7	MID-INDIAN RIDGE
15	00	24	26.9*	17.792	N	120.685	E	95	?	4.8	1.0	20	LUZON, PHILIPPINE ISLANDS
15	00	57	40.0&	32.099	S	71.722	W	5				10	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.7 (GUC).
15	01	07	40.8&	33.252	S	70.193	W	120				11	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.5 (GUC).
15	01	49	04.1&	36.667	N	121.289	W	6				11	CENTRAL CALIFORNIA. <GM-P>. MD 2.9 (GM).
15	02	21	44.5*	45.766	N	26.787	E	100	G		0.6	8	ROMANIA
15	02	58	37.2&	11.059	N	61.743	W	18				5	WINDWARD ISLANDS. <TRN>. MD 2.9 (TRN).
15	02	59	53.4*	33.829	N	139.751	E	131	*	3.4	1.0	10	SOUTH OF HONSHU, JAPAN
15	03	00	24.6&	36.579	N	121.173	W	7				13	CENTRAL CALIFORNIA. <GM-P>. MD 3.3 (GM). ML 3.2 (BRK).
15	03	02	15.3&	32.162	S	71.820	W	15				7	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.2 (GUC).
15	03	09	26.1*	48.490	N	152.538	E	211	?	4.0	1.1	23	KURIL ISLANDS
15	03	18	50.2&	36.579	N	121.174	W	6				7	CENTRAL CALIFORNIA. <GM-P>. MD 3.1 (GM). ML 3.0 (BRK).
15	03	20	25.4&	36.582	N	121.176	W	7				27	CENTRAL CALIFORNIA. <GM-P>. Mw 3.8 (BRK). MD 3.7 (GM). ML 3.8 (BRK). Moment Tensor (BRK): Dep 6; Principal axes (scale 10**14 Nm): (T) Val=6.50, Plg=4, Azm=89; (N) Val=0.00, Plg=83, Azm=322; (P) Val=-6.50, Plg=6, Azm=179; Best double couple: Mo=6.5*10**14 Nm; NP1: Strike=314, Dip=89, Slip=-173; NP2: Strike=224, Dip=83, Slip=-1.
15	03	24	48.8*	73.745	N	12.281	E	10	G		0.8	5	NORWEGIAN SEA

15	03	51	53.2&	33.166	N	115.641	W	1					27	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
15	03	56	44.0*	14.675	S	167.216	E	120 ?	4.6			1.0	30	VANUATU ISLANDS
15	03	59	02.7&	33.165	N	115.639	W	2					5	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
15	04	01	51.8&	33.971	S	72.200	W	1					13	OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.8 (GUC).
15	04	16	08.2?	17.13	S	174.13	W	175 D	4.5			1.1	19	TONGA ISLANDS
15	04	37	44.6&	32.160	S	71.865	W	20					9	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.5 (GUC).
15	04	55	51.7	20.104	S	133.992	E	10 G	4.7	4.1		1.4	43	NORTHERN TERRITORY, AUSTRALIA
15	06	07	04.0&	38.840	N	122.774	W	4					16	NORTHERN CALIFORNIA. <GM-P>. MD 3.0 (GM). ML 3.1 (BRK).
15	06	29	09.9	33.057	N	105.047	E	10 G	4.6			1.0	24	GANSU, CHINA. ML 4.5 (BJI).
15	06	41	07.7*	63.317	N	151.242	W	33 N				1.4	9	CENTRAL ALASKA. ML 3.1 (PMR).
15	06	48	11.8	25.617	N	93.673	E	44 D	4.6			1.1	22	NORTHEASTERN INDIA
15	07	08	26.7&	34.231	N	116.759	W	4					7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
15	07	14	52.3	19.669	N	104.807	W	56 *	4.2	3.8		1.0	75	NEAR COAST OF JALISCO, MEXICO. Felt at Manzanillo.
15	08	07	20.0*	23.987	S	66.905	W	196 *	3.7			0.6	10	JUJUY PROVINCE, ARGENTINA
15	08	27	42.3	46.047	N	15.194	E	10 G				0.4	9	NORTHWESTERN BALKAN REGION. ML 2.3 (VIE), 2.1 (LJU).
15	08	59	05.1*	4.421	S	138.383	E	151 *	4.4			0.8	10	IRIAN JAYA, INDONESIA
15	09	04	32.4*	17.527	S	178.588	W	500 G	4.1			0.7	24	FIJI ISLANDS REGION
15	09	15	56.7	6.422	S	147.009	E	33 N	5.0	4.4		1.0	47	EASTERN NEW GUINEA REG., P.N.G.
15	09	48	49.0&	46.800	N	7.200	E	15					6	SWITZERLAND. <LDG>. ML 2.3 (LDG).
15	10	43	49.2&	34.944	S	71.208	W	88					12	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.1 (GUC).
15	10	47	45.0&	38.890	N	25.930	E	30					5	AEGEAN SEA. <ATH>. MD 3.5 (ATH).
15	11	07	32.7&	27.870	N	16.110	W	0 G					4	CANARY ISLANDS REGION. <MDD>. mbLg 3.3 (MDD). Felt (II) at Agaete.
15	11	16	12.7	43.315	N	47.077	E	10 G	4.4	3.8		1.1	46	EASTERN CAUCASUS. Felt (V) at Izberbash, Karabudakhkent and Kaspiysk; (IV) at Kizilyurt and Makhachkala; (II) at Nazran.
15	11	51	55.4*	29.011	N	142.590	E	33 N	4.7			1.3	13	SOUTH OF HONSHU, JAPAN
15	12	04	54.7?	29.75	S	65.11	E	10 G	4.8			0.6	7	SOUTH INDIAN OCEAN
15	12	58	50.4	63.404	N	151.237	W	33 N				0.8	11	CENTRAL ALASKA. ML 3.2 (PMR).
15	13	09	20.9&	36.980	N	3.620	W	0 G					4	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.5 (MDD).
15	13	54	43.8	6.346	S	146.976	E	32 D	5.4	5.5		1.1	106	EASTERN NEW GUINEA REG., P.N.G. Mw 5.8 (HRV), 5.7 (GS). Moment Tensor (GS): Dep 21; Principal axes (scale 10**17 Nm): (T) Val=4.55, Plg=35, Azm=74; (N) Val=0.01, Plg=50, Azm=289; (P) Val=-4.56, Plg=18, Azm=177; Best double couple: Mo=4.6*10**17 Nm; NP1: Strike=221, Dip=52, Slip=14; NP2: Strike=122, Dip=79, Slip=141. Centroid, Moment Tensor (HRV): Centroid origin time 13:54:49.0; Lat 6.76 S; Lon 146.96 E; Dep 15.0 Fix; Half-duration 1.9 sec; Principal axes (scale 10**17 Nm): (T) Val=6.38, Plg=42, Azm=61; (N) Val=-1.65, Plg=37, Azm=289; (P) Val=-4.72, Plg=26, Azm=177; Best double couple: Mo=5.6*10**17 Nm; NP1: Strike=218, Dip=38, Slip=15; NP2: Strike=116, Dip=81, Slip=127.
15	14	05	21.4*	19.295	S	69.268	W	129 *	4.3			0.9	14	NORTHERN CHILE. Felt at Camarones.
15	14	34	47.8&	31.021	S	71.639	W	36					11	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.6 (GUC).
15	15	01	21.3	25.922	N	128.514	E	33 N	4.6			1.0	19	RYUKYU ISLANDS
15	15	22	49.5*	27.897	N	128.090	E	33 N				1.5	8	RYUKYU ISLANDS
15	15	45	44.2*	6.528	S	147.167	E	33 N	4.1			1.3	10	EASTERN NEW GUINEA REG., P.N.G.
15	16	01	12.2&	16.284	N	61.751	W	130					8	LEEWARD ISLANDS. <FDF>. MD 3.0 (FDF).
15	16	44	44.3&	37.680	N	4.180	W	0					9	SPAIN. <MDD>. mbLg 2.1 (MDD).
15	17	18	04.5*	13.683	N	89.643	W	33 N	4.1			1.4	17	EL SALVADOR
15	17	19	54.5	46.597	N	10.329	E	10 G				1.0	29	NORTHERN ITALY. ML 2.7 (LDG), 2.6 (FBB), 2.6 (FUR), 2.5 (VIE).
15	17	22	20.2&	60.731	N	151.852	W	80					36	KENAI PENINSULA, ALASKA. <AEIC>.
15	18	00	37.7&	35.586	S	72.358	W	32					12	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.2 (GUC). Felt (III) at Constitucion, Empedrado, Linares, San Javier, Talca and Villa Alegre.
15	18	24	06.7*	20.845	S	169.154	E	33 N				0.5	7	VANUATU ISLANDS
15	19	46	51.9	4.362	S	152.662	E	33 N	4.8			1.1	30	NEW BRITAIN REGION, P.N.G.
15	19	59	15.0	49.980	N	18.538	E	5 G				1.3	24	CZECH AND SLOVAK REPUBLICS. ML 3.7 (CLL), 3.5 (VIE), 3.3 (FUR). Rockburst.
15	20	29	49.4?	26.64	S	176.67	W	119 ?	4.8			1.3	17	SOUTH OF FIJI ISLANDS
15	20	41	10.4&	58.889	N	152.806	W	63					65	KODIAK ISLAND REGION. <AEIC>. ML 2.9 (AEIC).
15	21	14	30.9&	37.090	N	4.270	W	39					8	SPAIN. <MDD>.
15	21	24	56.6	36.422	N	70.667	E	200 G	4.1			0.9	31	HINDU KUSH REGION, AFGHANISTAN
15	22	06	09.5*	20.236	S	167.386	E	40 D	4.0			1.1	8	LOYALTY ISLANDS
15	22	34	57.8?	2.93	S	124.42	E	146 ?	4.4			1.0	10	CERAM SEA
15	22	40	19.7	46.293	N	13.318	E	10 G				1.3	7	AUSTRIA. MD 2.2 (LJU). ML 2.2 (VIE).
15	22	44	27.7	30.181	S	71.921	W	48 *	4.8			0.9	61	NEAR COAST OF CENTRAL CHILE
15	23	02	54.8&	41.940	N	21.550	E	3					18	NORTHWESTERN BALKAN REGION. <SKO>. MD 3.2 (ATH), 3.0 (PDG). Felt at Skopje.
15	23	03	33.4&	34.836	N	116.215	W	8					26	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
15	23	22	35.2?	17.12	S	177.38	W	33 N				0.9	6	FIJI ISLANDS REGION
16	00	24	56.9&	38.280	N	21.670	E	5					15	GREECE. <ATH>. ML 3.3 (ATH).
16	00	30	27.3	11.721	N	139.717	E	33 N	4.9	4.5		1.1	43	WESTERN CAROLINE ISLANDS. Mw 5.3 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 00:30:28.8; Lat 11.70 N; Lon 139.45 E; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**17 Nm): (T) Val=0.92, Plg=20, Azm=241; (N) Val=0.45, Plg=56, Azm=118; (P) Val=-1.36, Plg=26, Azm=342; Best double couple: Mo=1.1*10**17 Nm; NP1: Strike=20, Dip=56, Slip=-4; NP2: Strike=113, Dip=86, Slip=-146.
16	01	15	02.3&	39.840	N	20.460	E	5					5	GREECE-ALBANIA BORDER REGION. <ATH>. MD 2.9 (ATH).
16	01	32	25.0&	49.170	N	6.870	E	1 G					6	GERMANY. <FBB>. ML 2.0 (FBB).
16	01	47	34.8*	20.220	S	66.796	W	249 *	4.1			1.1	13	SOUTHERN BOLIVIA
16	02	23	20.5*	51.510	N	16.247	E	5 G				0.9	7	POLAND. ML 2.8 (VIE).
16	02	43	07.3?	20.17	S	178.34	W	450 G	4.2			0.7	15	FIJI ISLANDS REGION
16	03	35	15.4&	37.533	N	118.816	W	7					10	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM).
16	04	52	46.1?	46.11	N	14.68	E	10 G				0.2	4	NORTHWESTERN BALKAN REGION. ML 1.7 (VIE), 1.1 (LJU).
16	04	55	28.5&	55.773	N	162.029	W	14					13	ALASKA PENINSULA. <AEIC>. ML 2.6 (AEIC).
16	05	16	23.9&	46.800	N	7.200	E	15					6	SWITZERLAND. <LDG>. ML 2.2 (LDG).
16	05	17	10.4*	16.107	S	71.984	W	56 ?	4.2			1.2	6	SOUTHERN PERU
16	06	27	25.7&	46.100	N	2.500	E	3					13	FRANCE. <LDG>. ML 2.2 (LDG), 2.0 (STR).
16	07	14	05.8	5.318	S	151.438	E	71	4.7			1.0	34	NEW BRITAIN REGION, P.N.G.

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16  07 22 33.3*  5.142 S  144.662 E   76 ?  4.2       1.3    9  NEW GUINEA, PAPUA NEW GUINEA
16  08 20 57.4& 19.090 N   67.550 W   34                      4  MONA PASSAGE. <MPR>. MD 2.9 (MPR).
16  08 38 54.4?  5.26  S  146.45  E  173 ?  4.5       1.0   11  EASTERN NEW GUINEA REG., P.N.G.
16  08 49 34.4* 51.431 N   16.089 E    5 G            0.6    8  POLAND. ML 3.1 (VIE).
16  09 13 00.2   8.625 N  122.909 E   33 N  4.7 4.4   1.0   38  MINDANAO, PHILIPPINE ISLANDS
16  09 23 56.4  10.781 N   62.395 W   85    3.8       0.9   38  NEAR COAST OF VENEZUELA. MD 3.9 (TRN), 3.8 (FDF).
16  09 46 17.2& 62.551 N  151.251 W   94                     50  CENTRAL ALASKA. <AEIC>.
16  10 02 10.3* 24.166 S   66.986 W  190 *  4.1       1.1   24  SALTA PROVINCE, ARGENTINA
16  10 02 21.6* 13.519 N  120.631 E   33 N  4.6 4.0   1.1   31  MINDORO, PHILIPPINE ISLANDS
16  10 30 37.6?  6.43  S  147.16  E   33 N            1.5    7  EASTERN NEW GUINEA REG., P.N.G.
16  10 37 15.7& 46.800 N    7.100 E   15                     22  SWITZERLAND. <LDG>. ML 2.7 (LDG), 2.3 (STR), 2.1 (FBB).
16  10 44 09.2* 37.396 S   71.920 W   87    4.3       1.0   35  S. CHILE-ARGENTINA BORDER REGION. MD 4.1 (GUC). Felt (IV) at
                                                                  Collipulli and Ercilla; (III) at Angol, Los Sauces and
                                                                  Renaico; (II) at Concepcion, Lautaro, Los Angeles, Puren,
                                                                  Temuco and Victoria, Chile.
16  10 44 27.1& 37.536 N  118.815 W    7                     12  CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM).
16  10 49 03.4   9.501 S  150.793 E   33 N  5.1 5.1   0.9   84  EASTERN NEW GUINEA REG., P.N.G. Mw 5.4 (HRV). ML 5.4 (PMG).
                                                                  Centroid, Moment Tensor (HRV): Centroid origin time
                                                                   10:49:01.2; Lat 9.95 S; Lon 151.53 E; Dep 15.0 Bdy; Half-
                                                                   duration 1.2 sec; Principal axes (scale 10**17 Nm): (T)
                                                                   Val=1.33, Plg=18, Azm=2; (N) Val=0.07, Plg=24, Azm=101; (P)
                                                                   Val=-1.40, Plg=59, Azm=239; Best double couple:
                                                                   Mo=1.4*10**17 Nm; NP1: Strike=60, Dip=34, Slip=-136; NP2:
                                                                   Strike=292, Dip=67, Slip=-64.
16  11 46 03.5& 18.060 N   67.940 W  116                      8  MONA PASSAGE. <MPR>. MD 3.2 (MPR).
16  12 31 15.4* 32.274 N   69.390 E   33 N  4.3       1.0   16  PAKISTAN
16  12 46 23.3& 41.300 S  174.810 E   25                      8  COOK STRAIT, NEW ZEALAND. <WEL>. ML 3.3 (WEL).
16  12 55 22.4& 38.120 N   22.070 E   36                      8  GREECE. <ATH>. MD 3.1 (ATH).
16  13 13 41.1* 20.354 S  169.066 E   33 N  4.2       1.3   14  VANUATU ISLANDS
16  13 15 02.1  30.242 S   72.000 W   28 D  4.8 4.5   0.9   64  OFF COAST OF CENTRAL CHILE
16  13 20 34.5* 55.811 N  110.687 E   10 G  3.4       1.4    6  LAKE BAYKAL REGION, RUSSIA
16  13 52 46.1  36.294 N   28.781 E   54 *  3.9       1.3   19  DODECANESE ISLANDS. MD 4.0 (ATH).
16  13 59 30.5& 10.487 N   61.560 W   34                      6  TRINIDAD. <TRN>. MD 2.7 (TRN).
16  14 03 33.0* 85.580 N   83.657 E   10 G  3.8       1.1   11  NORTH OF SEVERNAYA ZEMLYA
16  14 56 10.1*  9.841 S  112.680 E   33 N  3.7       1.0   10  SOUTH OF JAWA, INDONESIA
16  14 56 10.3  55.802 N  110.351 E   10 G  4.1       1.4   16  LAKE BAYKAL REGION, RUSSIA
16  15 01 42.5* 11.088 N   61.091 W   10 G            1.0    5  WINDWARD ISLANDS. MD 2.7 (TRN).
16  15 16 24.4& 37.010 N    3.690 W   24                      5  SPAIN. <MDD>. mbLg 1.8 (MDD).
16  15 19 31.9  30.676 S  178.364 W   53 D  5.3 4.6   1.0   79  KERMADEC ISLANDS, NEW ZEALAND. Mw 5.2 (HRV).
                                                                  Centroid, Moment Tensor (HRV): Centroid origin time
                                                                   15:19:36.8; Lat 30.49 S; Lon 177.93 W; Dep 59.0; Half-
                                                                   duration 1.0 sec; Principal axes (scale 10**16 Nm): (T)
                                                                   Val=5.90, Plg=74, Azm=296; (N) Val=1.10, Plg=3, Azm=194;
                                                                   (P) Val=-7.01, Plg=16, Azm=104; Best double couple:
                                                                   Mo=6.4*10**16 Nm; NP1: Strike=189, Dip=29, Slip=83; NP2:
                                                                   Strike=16, Dip=61, Slip=94.
16  15 32 26.0* 21.394 S   66.401 W  238 *            1.6   13  SOUTHERN BOLIVIA
16  15 53 51.5& 34.484 N  116.511 W    3                     31  SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS).
16  16 03 20.2* 11.405 N   86.112 W   33 N  4.4       0.8   27  NEAR COAST OF NICARAGUA
16  16 14 37.2? 30.81  N   67.49  E   33 N  3.8       1.1    8  PAKISTAN
16  16 35 34.0? 36.87  N    9.42  W   10 G            0.6   14  WEST OF GIBRALTAR. mbLg 2.6 (MDD).
16  18 27 22.4* 14.716 N   91.563 W   83 ?  4.3       1.0   21  GUATEMALA
16  18 51 57.7* 34.213 N   25.138 E   33 N  4.0       1.1    9  CRETE
16  18 57 30.6  17.987 S  168.001 E   32    4.6       1.0   42  VANUATU ISLANDS
16  19 02 14.4* 15.941 N  120.068 E   33 N  4.5       1.1   32  LUZON, PHILIPPINE ISLANDS
16  21 29 20.4& 32.188 S   71.303 W   48                     11  NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.1 (GUC).
16  21 55 15.0? 59.40  S   29.69  W   33 N  4.3       1.3   11  SOUTH SANDWICH ISLANDS REGION
16  22 00 43.8*  5.413 N  126.564 E   33 N  4.5       0.9   15  MINDANAO, PHILIPPINE ISLANDS
16  22 10 09.9& 37.230 N    1.860 W    0                     19  SPAIN. <MDD>. mbLg 3.1 (MDD). Felt (III) in the epicentral
                                                                   area.
16  22 11 24.0  34.513 N   70.300 E   33 N  4.7       0.9   67  AFGHANISTAN
16  22 45 01.5& 36.810 N    4.780 W   29                     14  STRAIT OF GIBRALTAR. <MDD>. mbLg 2.7 (MDD).
16  22 49 28.5& 44.474 N    7.288 E   13                     22  NORTHERN ITALY. <GEN>. ML 2.2 (GEN), 2.1 (LDG), 2.0 (STR).
16  23 08 04.1? 39.24  N   70.84  E   33 N  4.2       1.3   10  TAJIKISTAN
16  23 27 16.4*  0.838 N  126.414 E   33 N  4.8       1.2   13  NORTHERN MOLUCCA SEA
16  23 43 09.0*  4.525 S  145.113 E   33 N            1.2    7  NEAR N COAST OF NEW GUINEA, PNG.
16  23 48 01.8   2.838 S  128.670 E   33 N  4.6       1.1   29  CERAM SEA
16  23 48 08.6? 31.17  S   68.34  W   94 ?            1.1   15  SAN JUAN PROVINCE, ARGENTINA. MD 3.4 (GUC).
16  23 50 14.3* 10.338 N   84.238 W  200 G  3.9       1.4   19  COSTA RICA
16  23 52 14.4? 19.78  S  177.90  W  500 G            1.2   10  FIJI ISLANDS REGION
17  00 29 42.4*  8.506 N   39.600 W   10 G  4.3       1.0   21  CENTRAL MID-ATLANTIC RIDGE
17  00 56 25.0& 19.248 N  155.489 W   11    5.6 5.1        222  HAWAII. <HVO-P>. Mw 5.8 (GS), 5.7 (HRV). MD 5.6 (HVO). Some
                                                                   damage to homes at Pahala. Felt throughout the Island of
                                                                   Hawaii.
                                                                  Broadband Source Parameters (GS): Dep 7; NP1: Strike=35,
                                                                   Dip=82, Slip=105; NP2: Strike=152, Dip=17, Slip=29.
                                                                  Moment Tensor (GS): Dep 4; Principal axes (scale 10**17 Nm):
                                                                   (T) Val=6.23, Plg=54, Azm=285; (N) Val=0.40, Plg=13,
                                                                   Azm=33; (P) Val=-6.63, Plg=33, Azm=132; Best double couple:
                                                                   Mo=6.4*10**17 Nm; NP1: Strike=262, Dip=17, Slip=140; NP2:
                                                                   Strike=31, Dip=79, Slip=77.
                                                                  Centroid, Moment Tensor (HRV): Centroid origin time
                                                                   00:56:30.3; Lat 19.28 N; Lon 155.32 W; Dep 15.0 Bdy; Half-
                                                                   duration 1.7 sec; Principal axes (scale 10**17 Nm): (T)
                                                                   Val=3.83, Plg=52, Azm=304; (N) Val=0.21, Plg=4, Azm=40; (P)
                                                                   Val=-4.03, Plg=38, Azm=133; Best double couple:
                                                                   Mo=3.9*10**17 Nm; NP1: Strike=250, Dip=8, Slip=120; NP2:
                                                                   Strike=39, Dip=83, Slip=86.
17  02 50 33.3& 37.570 N   20.800 E    5                      9  IONIAN SEA. <ATH>. ML 3.6 (ATH).
17  02 51 00.4  26.714 S  176.423 W   33 N  4.8       0.9   36  SOUTH OF FIJI ISLANDS
17  02 51 17.7* 37.945 N  142.569 E   88 ?            1.0   16  OFF EAST COAST OF HONSHU, JAPAN
17  03 05 21.2& 59.862 N  153.598 W  146    3.4             61  SOUTHERN ALASKA. <AEIC>.
17  03 13 47.7?  9.06  S  158.19  E   33 N  4.4       1.0    9  SOLOMON ISLANDS
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17	03	19	37.1*	20.583	S	168.647	E	30		4.5		1.3	19	LOYALTY ISLANDS
17	03	31	50.5?	20.79	S	168.91	E	33	N			0.9	5	LOYALTY ISLANDS
17	03	43	10.1*	3.876	S	134.062	E	33	N	4.0		1.3	14	IRIAN JAYA REGION, INDONESIA
17	04	40	04.3?	27.96	N	57.67	E	33	N	3.5		0.6	5	SOUTHERN IRAN
17	05	01	46.4%	4.308	N	127.358	E	33	N			0.9	9	TALAUD ISLANDS, INDONESIA
17	05	11	45.4	26.896	S	176.383	W	33	N	4.9	5.0	1.2	54	SOUTH OF FIJI ISLANDS. Mw 5.5 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 05:11:48.9; Lat 26.78 S; Lon 175.88 W; Dep 15.0 Bdy; Half-duration 1.3 sec; Principal axes (scale 10**17 Nm): (T) Val=1.65, Plg=67, Azm=308; (N) Val=0.09, Plg=8, Azm=198; (P) Val=-1.74, Plg=21, Azm=105; Best double couple: Mo=1.7*10**17 Nm; NP1: Strike=180, Dip=25, Slip=71; NP2: Strike=21, Dip=66, Slip=99.
17	05	13	07.6*	6.441	S	147.225	E	33	N	4.0		1.2	12	EASTERN NEW GUINEA REG., P.N.G.
17	05	20	55.1*	36.884	N	10.797	W	10	G			0.4	17	NORTH ATLANTIC OCEAN. mbLg 2.7 (MDD).
17	05	25	51.0&	10.550	N	62.533	W	103					4	NEAR COAST OF VENEZUELA. <TRN>. MD 2.9 (TRN).
17	05	31	42.2&	42.910	N	0.610	W	2					9	PYRENEES. <STR>. ML 2.3 (STR), 2.1 (LDG).
17	05	37	40.0?	26.97	S	176.40	W	33	N			1.2	9	SOUTH OF FIJI ISLANDS
17	05	52	27.1	36.005	N	21.682	E	47	D	4.2		1.3	83	SOUTHERN GREECE. MD 4.2 (ATH).
17	06	31	33.7*	9.845	N	121.869	E	33	N	4.6		1.3	15	SULU SEA
17	06	46	51.6*	26.795	S	176.584	W	33	N	4.8	4.4	1.2	33	SOUTH OF FIJI ISLANDS
17	07	19	15.5*	13.683	N	121.230	E	33	N			1.1	9	MINDORO, PHILIPPINE ISLANDS
17	07	20	55.2	38.213	N	75.518	E	137	*	4.9		1.0	137	SOUTHERN XINJIANG, CHINA. Mw 5.1 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 07:20:55.2; Lat 37.61 N; Lon 75.45 E; Dep 149.6; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=3.74, Plg=43, Azm=201; (N) Val=2.34, Plg=46, Azm=6; (P) Val=-6.08, Plg=7, Azm=104; Best double couple: Mo=4.9*10**16 Nm; NP1: Strike=232, Dip=55, Slip=151; NP2: Strike=340, Dip=67, Slip=39.
17	07	31	09.0&	46.850	N	121.960	W	8					56	WASHINGTON. <SEA-P>. MD 3.5 (SEA). Felt in the Alder area.
17	08	16	02.5&	42.900	N	0.600	W	2					4	PYRENEES. <LDG>. ML 2.2 (STR), 1.8 (LDG).
17	08	17	58.2	36.038	N	21.683	E	40		4.7	5.0	1.3	163	SOUTHERN GREECE. Mw 5.4 (HRV). MD 4.9 (ATH). Centroid, Moment Tensor (HRV): Centroid origin time 08:17:59.8; Lat 35.60 N; Lon 21.27 E; Dep 43.7; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=1.07, Plg=86, Azm=189; (N) Val=0.39, Plg=3, Azm=337; (P) Val=-1.45, Plg=2, Azm=67; Best double couple: Mo=1.3*10**17 Nm; NP1: Strike=160, Dip=43, Slip=95; NP2: Strike=334, Dip=47, Slip=86.
17	08	23	00.3&	42.900	N	0.600	W	5					6	PYRENEES. <LDG>. ML 2.4 (STR), 2.0 (LDG).
17	08	32	58.6&	36.572	N	121.166	W	7					6	CENTRAL CALIFORNIA. <GM-P>. MD 2.7 (GM).
17	08	38	50.4?	9.55	S	150.89	E	33	N	3.9		1.2	10	EASTERN NEW GUINEA REG., P.N.G.
17	08	50	33.0	35.936	N	21.655	E	44	D	4.0		1.3	26	CENTRAL MEDITERRANEAN SEA. MD 4.0 (ATH).
17	09	00	41.1*	35.933	N	21.581	E	33	N	3.7		1.1	11	CENTRAL MEDITERRANEAN SEA. MD 3.8 (ATH).
17	09	15	47.3&	33.422	S	70.921	W	68					8	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.2 (GUC).
17	09	42	09.3?	35.91	N	21.68	E	33	N	3.9		1.5	9	CENTRAL MEDITERRANEAN SEA. ML 4.0 (ATH).
17	10	01	57.5?	51.70	N	16.41	E	5	G			0.5	4	POLAND. MG 2.9 (WAR).
17	10	02	18.6	52.504	N	169.420	W	33	N	4.4		1.2	50	FOX ISLANDS, ALEUTIAN ISLANDS
17	11	33	05.3&	50.490	N	130.261	W	10	G	4.0			78	VANCOUVER ISLAND REGION. <PGC-P>. ML 4.1 (PGC).
17	11	40	06.1&	36.810	S	176.790	E	242					10	OFF E. COAST OF N. ISLAND, N.Z. <WEL>.
17	11	45	29.4*	6.654	S	147.033	E	10	G	4.1		1.4	12	EASTERN NEW GUINEA REG., P.N.G. ML 4.1 (PMG).
17	11	45	44.8*	18.755	S	177.814	W	650	G	4.3		0.9	22	FIJI ISLANDS REGION
17	11	51	51.8&	35.001	S	72.918	W	14					10	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.7 (GUC).
17	12	21	40.5&	50.504	N	130.283	W	10	G	3.5			45	VANCOUVER ISLAND REGION. <PGC-P>. ML 3.7 (PGC).
17	12	26	14.2*	51.092	N	178.266	W	33	N	3.8		0.5	12	ANDREANOF ISLANDS, ALEUTIAN IS.
17	12	58	05.5	3.465	S	144.944	E	35	*	4.4	4.5	1.0	27	NEAR N COAST OF NEW GUINEA, PNG.
17	13	25	49.7&	32.290	S	71.707	W	12					12	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.6 (GUC).
17	14	06	33.1	7.307	S	129.700	E	69	*	4.7		1.0	33	BANDA SEA
17	15	06	26.7*	36.275	S	177.973	E	150	G	4.6		1.0	21	OFF E. COAST OF N. ISLAND, N.Z.
17	15	30	06.0	14.229	N	91.341	W	62	D	4.6		1.0	77	GUATEMALA
17	15	33	07.7	3.015	N	91.612	E	33	N	4.6	4.0	1.1	35	OFF W COAST OF NORTHERN SUMATERA
17	16	13	54.6*	31.533	N	131.348	E	47	D	3.7		1.5	13	KYUSHU, JAPAN
17	16	50	04.0?	20.60	S	169.43	E	162	*	4.2		1.2	16	VANUATU ISLANDS
17	17	33	24.3&	41.070	N	7.060	W	0	G				7	PORTUGAL. <MDD>. mbLg 2.0 (MDD).
17	18	09	09.1&	32.577	S	70.514	W	93					11	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.9 (GUC).
17	18	16	30.7*	35.370	S	178.178	E	33	N			0.7	13	OFF E. COAST OF N. ISLAND, N.Z.
17	18	18	25.8	19.420	N	64.139	W	5	G	3.8		1.0	24	VIRGIN ISLANDS. MD 4.2 (MPR).
17	18	36	04.5&	34.364	S	70.262	W	6					13	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.4 (GUC).
17	18	42	12.6*	13.806	N	145.069	E	114		4.2		1.0	29	MARIANA ISLANDS
17	19	38	49.0*	51.079	N	15.921	E	5	G			1.1	9	POLAND. ML 3.2 (VIE).
17	19	45	34.9	51.595	N	16.131	E	5	G			0.5	23	POLAND. ML 3.6 (VIE), 3.4 (FUR), 3.2 (CLL).
17	19	53	51.3*	19.748	S	167.973	E	12		4.1		0.9	17	VANUATU ISLANDS REGION
17	19	59	39.0&	54.492	N	162.229	W	75		2.7			18	ALASKA PENINSULA. <AEIC>.
17	20	41	37.0&	36.238	N	120.809	W	7					11	CENTRAL CALIFORNIA. <GM-P>. MD 3.1 (GM). ML 3.2 (PAS).
17	20	55	01.2&	59.757	N	151.597	W	58					36	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.7 (AEIC).
17	21	18	31.5?	52.57	N	169.65	W	33	N	3.3		0.7	9	FOX ISLANDS, ALEUTIAN ISLANDS
17	21	32	43.1	6.352	S	147.048	E	35	*	4.5		1.1	36	EASTERN NEW GUINEA REG., P.N.G.
17	22	03	22.5	35.941	N	21.614	E	33	N	4.1		1.4	26	CENTRAL MEDITERRANEAN SEA. ML 4.1 (ATH).
17	22	09	08.3&	59.231	N	153.555	W	107		2.6			49	SOUTHERN ALASKA. <AEIC>.
17	22	22	11.5*	3.168	S	139.810	E	33	N	4.1		1.5	8	IRIAN JAYA, INDONESIA
17	22	30	47.2*	0.110	N	125.963	E	33	N	4.1		1.0	14	NORTHERN MOLUCCA SEA
17	22	44	26.3?	6.42	S	146.89	E	33	N			1.0	6	EASTERN NEW GUINEA REG., P.N.G.
17	22	49	57.5	6.424	S	146.896	E	10	G	4.5		1.2	31	EASTERN NEW GUINEA REG., P.N.G. ML 4.7 (PMG).
17	23	25	41.7*	18.093	S	175.187	W	250	G	4.3		1.1	41	TONGA ISLANDS
17	23	50	03.4?	49.66	S	110.81	E	10	G			0.9	9	SOUTHEAST INDIAN RIDGE
17	23	52	59.3	36.043	N	21.496	E	33	N	3.6		1.0	17	SOUTHERN GREECE. ML 4.0 (ATH).
18	02	00	28.9*	36.079	N	22.050	E	86	*			1.0	12	SOUTHERN GREECE. MD 3.8 (ATH).
18	02	46	29.5&	43.100	N	0.700	W	18					42	PYRENEES. <LDG>. mbLg 3.1 (MDD). ML 3.0 (LDG). Felt (II) at Cauterets, France.
18	03	43	49.2	78.533	N	6.793	E	10	G	4.2		1.2	30	SVALBARD REGION
18	04	09	36.7&	44.700	N	2.900	E	5					20	FRANCE. <LDG>. ML 2.7 (STR), 2.5 (LDG).
18	04	32	49.9	2.012	S	124.902	E	33	N	4.6		1.1	29	CERAM SEA

18	05	01	42.3*	55.675	N	110.429	E	10	G	3.4	1.3	8	LAKE BAYKAL REGION, RUSSIA
18	05	11	55.0&	43.000	N	0.600	W	2				6	PYRENEES. <LDG>. ML 2.2 (STR), 1.9 (LDG).
18	05	41	05.1*	54.199	N	163.498	E	33	N	4.2	1.0	19	OFF EAST COAST OF KAMCHATKA
18	05	49	40.0*	2.457	N	80.037	W	33	N	4.4	1.2	28	SOUTH OF PANAMA
18	05	54	56.5	35.918	N	21.747	E	33	N	4.2	1.4	129	CENTRAL MEDITERRANEAN SEA. ML 4.5 (ATH).
18	07	09	03.7	15.359	N	45.188	W	10	G	4.8 4.2	0.9	65	NORTHERN MID-ATLANTIC RIDGE
18	07	25	59.6&	36.569	N	121.159	W	3				13	CENTRAL CALIFORNIA. <GM-P>. MD 3.1 (GM).
18	07	46	48.1&	38.350	N	26.500	E	4				4	AEGEAN SEA. <ATH>. MD 3.6 (ATH).
18	08	05	09.4&	41.205	N	19.804	E	11				15	ALBANIA. <PDG>. MD 2.6 (PDG).
18	08	58	35.4	2.790	S	128.667	E	33	N	4.5	0.9	21	CERAM SEA
18	09	00	36.6?	7.30	S	105.91	E	33	N	4.3	0.9	8	JAWA, INDONESIA
18	09	08	33.3?	35.97	N	21.57	E	33	N	3.3	1.5	10	CENTRAL MEDITERRANEAN SEA. MD 3.7 (ATH).
18	10	45	20.0&	43.100	N	0.500	W	3				8	PYRENEES. <LDG>. ML 2.5 (LDG), 2.5 (STR).
18	10	48	39.0&	43.900	N	7.100	E	2				9	NEAR SOUTH COAST OF FRANCE. <LDG>. ML 2.2 (STR), 1.7 (LDG).
18	10	54	11.8*	1.767	N	127.574	E	33	N	4.4	0.7	7	HALMAHERA, INDONESIA
18	11	06	50.5&	20.773	N	156.036	W	17				35	HAWAII. <HVO-P>. MD 4.0 (HVO). Felt at Haiku, Hana, Kihei, Lahaina, Makawao, Olinda and Pukalani, Maui.
18	12	32	26.6*	1.630	S	77.902	W	200	G	3.9	0.9	18	ECUADOR
18	12	42	03.4&	38.758	N	122.713	W	2				10	NORTHERN CALIFORNIA. <GM-P>. MD 2.8 (GM).
18	12	50	04.3	39.042	N	23.136	E	10	G		1.5	22	AEGEAN SEA. ML 3.7 (ATH).
18	14	21	16.1	46.053	N	14.789	E	10	G		0.3	7	NORTHWESTERN BALKAN REGION. ML 2.0 (VIE).
18	14	33	14.1&	32.588	N	116.165	W	9				31	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.5 (PAS). MD 3.4 (ECX). Felt at El Cajon, San Diego and in the Imperial Valley, California. Also felt at La Rumorosa, Baja California.
18	15	04	23.2&	44.926	N	7.225	E	11				68	NORTHERN ITALY. <GEN>. ML 3.1 (GEN), 3.1 (LDG), 3.1 (STR).
18	15	05	58.0	60.387	N	151.852	W	73	D	5.0	0.8	260	KENAI PENINSULA, ALASKA. Mw 5.3 (HRV). Felt (III) at Anchorage, Eagle River, Homer and Kenai; (II) at Palmer. Also felt at Kasilof, Nikiski, Ninilchik, Seward and Soldotna. Centroid, Moment Tensor (HRV): Centroid origin time 15:06:00.5; Lat 60.18 N; Lon 151.45 W; Dep 81.7; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=9.19, Plg=30, Azm=278; (N) Val=-0.71, Plg=57, Azm=127; (P) Val=-8.49, Plg=14, Azm=16; Best double couple: Mo=8.8*10**16 Nm; NP1: Strike=60, Dip=59, Slip=12; NP2: Strike=324, Dip=79, Slip=148.
18	15	22	42.6&	60.250	N	151.660	W	4				44	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.7 (AEIC).
18	15	36	39.4&	40.955	N	121.252	W	16				7	NORTHERN CALIFORNIA. <GM-P>. MD 2.8 (GM).
18	15	47	55.4*	22.998	N	143.589	E	33	N	3.9	1.4	14	VOLCANO ISLANDS REGION
18	15	53	01.0&	32.587	N	116.163	W	8				35	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 4.2 (PAS). MD 3.9 (ECX). Felt in the San Diego area and in the Imperial Valley, California. Also felt at La Rumorosa, Baja California.
18	16	07	05.6&	48.100	N	2.400	W	6				7	FRANCE. <LDG>. ML 2.2 (LDG).
18	16	36	59.8*	37.698	N	73.212	E	33	N		1.3	7	TAJIKISTAN
18	17	16	36.5	30.243	N	79.298	E	10	G	4.9	0.8	107	XIZANG-INDIA BORDER REGION
18	18	44	17.2	39.017	N	140.769	E	33	N	4.7 4.1	0.8	76	EASTERN HONSHU, JAPAN. Felt (III JMA) in northern Miyagi and (II JMA) in southeastern Akita and southern Iwate Prefectures. Felt (I JMA) as far as eastern Fukushima Prefecture.
18	19	04	23.1&	38.780	N	21.570	E	5				4	GREECE. <ATH>. MD 2.9 (ATH).
18	19	58	42.5&	40.860	N	3.990	W	10				6	SPAIN. <MDD>. mbLg 1.9 (MDD).
18	20	17	42.5&	48.100	N	9.200	E	2				7	GERMANY. <LDG>. ML 1.9 (LDG), 1.9 (STR).
18	20	41	14.6	39.872	N	145.336	E	33	N	4.7	0.9	68	OFF EAST COAST OF HONSHU, JAPAN
18	21	45	22.4	62.633	S	147.801	E	10	G	4.4	0.6	8	SOUTH OF AUSTRALIA
18	22	13	46.2*	2.475	S	139.660	E	33	N	4.1	1.4	11	NEAR NORTH COAST OF IRIAN JAYA
18	23	14	19.6	34.192	N	139.460	E	129	D	4.8	0.8	174	NEAR S. COAST OF HONSHU, JAPAN. Felt (I JMA) in parts of Chiba, Kanagawa and Tochigi Prefectures. Also felt (I JMA) in the Tokyo area and on Hachijo-jima and Miyake-jima.
18	23	23	21.9	62.739	N	149.142	W	33	N		0.6	6	CENTRAL ALASKA. ML 2.8 (PMR).
18	23	29	16.3	36.158	N	21.786	E	60	*		1.2	31	SOUTHERN GREECE. MD 4.0 (ATH).
19	00	00	40.0*	31.367	N	141.341	E	64	?	4.3	1.1	13	SOUTH OF HONSHU, JAPAN
19	00	08	54.6*	45.335	N	147.280	E	186	*	4.0	1.1	33	KURIL ISLANDS
19	01	18	35.6*	17.820	N	145.437	E	154	?	4.2	1.1	22	MARIANA ISLANDS
19	01	21	27.5*	6.664	N	73.092	W	187	*	4.1	0.6	25	NORTHERN COLOMBIA. Felt in northern Colombia.
19	01	46	21.2*	31.105	S	70.956	W	100	G	3.6	1.4	14	CHILE-ARGENTINA BORDER REGION
19	02	08	51.4*	36.126	N	70.704	E	117	?	4.4	1.4	19	HINDU KUSH REGION, AFGHANISTAN
19	02	12	10.0*	0.717	N	125.667	E	33	N	3.8	0.7	8	NORTHERN MOLUCCA SEA
19	02	45	54.1	46.056	N	14.775	E	10	G		0.3	8	NORTHWESTERN BALKAN REGION. ML 2.1 (VIE), 1.4 (LJU).
19	03	17	38.2*	63.195	N	150.785	W	33	N		0.7	5	CENTRAL ALASKA. ML 3.1 (PMR).
19	04	08	39.6&	43.300	N	3.300	E	2				7	NEAR SOUTH COAST OF FRANCE. <LDG>. ML 2.2 (LDG).
19	04	09	54.1	22.076	S	68.711	W	123	*	3.9	1.0	24	NORTHERN CHILE
19	04	28	36.0&	60.988	N	167.428	E	10	G		0.9	9	EASTERN SIBERIA, RUSSIA
19	04	40	10.0&	48.300	N	9.040	E	10				17	GERMANY. <FBB>. ML 2.3 (LDG), 2.0 (STR), 1.8 (FBB).
19	05	24	03.0&	48.300	N	9.040	E	11				17	GERMANY. <FBB>. ML 2.5 (LDG), 2.0 (STR), 1.9 (FBB).
19	05	37	54.3	39.054	N	23.218	E	33	N	3.9	1.2	53	AEGEAN SEA. MD 3.9 (ATH), 3.7 (PDG).
19	05	42	28.8*	36.776	S	71.571	W	33	N	3.7	0.8	7	CENTRAL CHILE
19	06	27	16.5	55.867	N	110.005	E	10	G	4.4	1.0	38	LAKE BAYKAL REGION, RUSSIA. Felt (V) at Kichera.
19	06	29	07.3*	3.078	S	131.149	E	33	N	4.6	1.4	11	IRIAN JAYA REGION, INDONESIA
19	06	50	00.7*	3.108	S	131.079	E	33	N	4.3	1.4	11	IRIAN JAYA REGION, INDONESIA
19	08	42	08.1?	35.66	N	140.55	E	78	?		0.8	7	NEAR EAST COAST OF HONSHU, JAPAN
19	09	12	47.5	50.888	N	156.423	E	118	D	5.4	0.7	364	KURIL ISLANDS. Mw 5.2 (HRV). Felt (IV) at Severo-Kurilsk. Centroid, Moment Tensor (HRV): Centroid origin time 09:12:53.0; Lat 50.64 N; Lon 157.02 E; Dep 115.6; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=7.29, Plg=58, Azm=293; (N) Val=1.45, Plg=13, Azm=44; (P) Val=-8.74, Plg=29, Azm=141; Best double couple: Mo=8.0*10**16 Nm; NP1: Strike=263, Dip=20, Slip=131; NP2: Strike=40, Dip=75, Slip=77.
19	09	38	38.7	20.416	S	168.766	E	33	N	4.8	1.1	38	LOYALTY ISLANDS
19	09	57	51.7&	39.030	N	22.880	E	32				4	GREECE. <ATH>. ML 3.1 (ATH).
19	10	14	39.6	20.458	S	168.810	E	33	N	5.0 5.2	1.1	71	LOYALTY ISLANDS. Mw 5.5 (HRV).

													Centroid, Moment Tensor (HRV): Centroid origin time 10:14:45.2; Lat 20.46 S; Lon 168.49 E; Dep 16.1; Half-duration 1.4 sec; Principal axes (scale 10**17 Nm): (T) Val=2.06, Plg=72, Azm=32; (N) Val=0.15, Plg=10, Azm=156; (P) Val=-2.21, Plg=14, Azm=249; Best double couple: Mo=2.1*10**17 Nm; NP1: Strike=353, Dip=32, Slip=109; NP2: Strike=150, Dip=60, Slip=78.
19	10	43	31.1*	11.950	S	166.323	E	33	N	4.1	1.0	8	SANTA CRUZ ISLANDS
19	10	57	01.3&	42.500	N	1.600	W	2				5	PYRENEES. <LDG>. ML 2.6 (LDG).
19	12	03	35.4&	44.314	N	7.188	E	2				18	NORTHERN ITALY. <GEN>. ML 2.2 (GEN), 2.1 (LDG), 1.9 (STR).
19	12	36	58.0&	39.700	N	117.970	W	15				40	NEVADA. <REN-P>. MD 3.7 (REN). ML 4.1 (GS).
19	13	32	55.6&	55.600	N	160.320	W	91				17	ALASKA PENINSULA. <AEIC>.
19	14	03	01.0&	61.940	N	151.290	W	71				85	SOUTHERN ALASKA. <AEIC>.
19	14	11	28.4&	60.960	N	150.780	W	14				46	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.6 (AEIC).
19	14	26	39.8*	15.152	S	173.876	W	33	N	4.2	0.9	29	TONGA ISLANDS
19	14	33	19.1&	42.900	N	0.600	W	4				5	PYRENEES. <LDG>. ML 2.3 (STR), 1.9 (LDG).
19	14	34	31.7&	42.600	N	1.700	E	2				6	PYRENEES. <LDG>. ML 2.6 (STR), 2.3 (LDG).
19	14	39	27.4&	42.800	N	2.800	E	3				5	PYRENEES. <LDG>. ML 2.3 (LDG).
19	14	42	32.0&	38.720	N	112.140	W	1				22	UTAH. <SLC-P>. ML 3.3 (SLC), 3.5 (GS). Felt at Richfield.
19	15	10	24.0&	43.290	N	110.680	W	0				10	WYOMING. <USBR>. MD 2.8 (USBR).
19	15	35	46.3&	43.000	N	0.600	W	2				5	PYRENEES. <LDG>. ML 2.3 (LDG), 2.3 (STR).
19	16	22	46.9	48.154	N	15.513	E	10	G		0.7	7	AUSTRIA. ML 2.5 (VIE).
19	16	40	21.9*	7.519	S	128.029	E	161	?	4.3	1.2	15	BANDA SEA
19	17	01	54.3*	3.396	S	150.623	E	33	N	4.4	1.1	13	NEW IRELAND REGION, P.N.G.
19	17	39	38.1&	11.035	N	61.073	W	26				4	WINDWARD ISLANDS. <TRN>. MD 2.8 (TRN).
19	17	52	21.2&	42.900	N	0.600	W	2				5	PYRENEES. <LDG>. ML 2.3 (STR), 2.0 (LDG).
19	18	43	49.6?	15.08	N	60.27	W	33	N		0.2	7	LEEWARD ISLANDS. MD 2.5 (FDF).
19	21	51	39.5*	35.901	N	71.709	E	33	N	4.2	1.4	14	PAKISTAN
19	22	16	21.8&	37.310	N	22.900	E	5				6	SOUTHERN GREECE. <ATH>. ML 2.8 (ATH).
19	22	18	13.4&	37.300	N	22.920	E	5				7	SOUTHERN GREECE. <ATH>. ML 2.9 (ATH).
19	22	25	37.6	40.730	N	20.113	E	10	G		1.1	15	GREECE-ALBANIA BORDER REGION. MD 3.3 (ATH), 2.6 (PDG).
19	22	46	14.4	46.055	N	14.780	E	10	G		0.2	6	NORTHWESTERN BALKAN REGION. ML 1.9 (VIE).
20	00	50	46.3*	0.880	N	122.031	E	33	N	4.4	0.6	12	MINAHASSA PENINSULA, SULAWESI
20	01	43	08.3*	13.686	N	125.718	E	33	N	4.4	1.5	14	PHILIPPINE ISLANDS REGION
20	01	46	17.1	18.791	S	177.957	W	586	D	5.1	0.9	202	FIJI ISLANDS REGION. Mw 5.4 (HRV).
													Centroid, Moment Tensor (HRV): Centroid origin time 01:46:19.6; Lat 18.86 S; Lon 178.01 W; Dep 595.6; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=1.05, Plg=35, Azm=130; (N) Val=0.21, Plg=19, Azm=233; (P) Val=-1.26, Plg=49, Azm=346; Best double couple: Mo=1.2*10**17 Nm; NP1: Strike=166, Dip=20, Slip=-159; NP2: Strike=56, Dip=83, Slip=-71.
20	02	22	44.1*	6.713	N	73.206	W	176	*	4.2	0.9	25	NORTHERN COLOMBIA
20	05	16	29.6	18.581	N	65.370	W	92	*	4.2	0.7	26	PUERTO RICO REGION. MD 4.1 (MPR). Felt at Naguabo and on Isla Verde. Also felt on the Virgin Islands.
20	05	17	55.2*	44.976	N	37.606	E	33	N		1.5	9	NORTHWESTERN CAUCASUS
20	05	34	21.4	1.909	N	127.261	E	107	D	5.4	0.9	89	HALMAHERA, INDONESIA. Mw 5.4 (HRV).
													Centroid, Moment Tensor (HRV): Centroid origin time 05:34:19.4; Lat 1.27 N; Lon 127.40 E; Dep 117.6; Half-duration 1.4 sec; Principal axes (scale 10**17 Nm): (T) Val=1.61, Plg=35, Azm=159; (N) Val=-0.22, Plg=49, Azm=16; (P) Val=-1.39, Plg=19, Azm=263; Best double couple: Mo=1.5*10**17 Nm; NP1: Strike=306, Dip=51, Slip=13; NP2: Strike=208, Dip=80, Slip=140.
20	05	47	19.8*	5.641	S	147.430	E	162	*	4.5	0.9	14	EASTERN NEW GUINEA REG., P.N.G.
20	06	15	21.4	36.396	S	177.863	E	229		5.2	1.0	117	OFF E. COAST OF N. ISLAND, N.Z. Mw 5.4 (HRV).
													Centroid, Moment Tensor (HRV): Centroid origin time 06:15:27.1; Lat 35.98 S; Lon 177.89 E; Dep 213.5; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=1.48, Plg=71, Azm=327; (N) Val=-0.11, Plg=12, Azm=199; (P) Val=-1.37, Plg=14, Azm=106; Best double couple: Mo=1.4*10**17 Nm; NP1: Strike=180, Dip=32, Slip=68; NP2: Strike=26, Dip=60, Slip=104.
20	07	05	21.3	22.110	S	179.709	W	600	G	4.5	1.1	64	SOUTH OF FIJI ISLANDS
20	07	12	34.8&	38.900	N	22.590	E	38				5	GREECE. <ATH>. MD 3.2 (ATH).
20	07	13	32.4	39.058	N	23.290	E	10	G	3.5	1.4	20	AEGEAN SEA. MD 3.8 (ATH).
20	07	30	24.6&	32.556	S	71.571	W	30				10	NEAR COAST OF CENTRAL CHILE. <GUC>.
20	07	50	53.7&	30.913	S	72.074	W	14				10	OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.9 (GUC).
20	08	40	57.7*	5.230	S	152.939	E	33	N	4.8	1.0	15	NEW BRITAIN REGION, P.N.G.
20	09	04	13.7&	33.840	S	70.029	W	7				8	CHILE-ARGENTINA BORDER REGION. <GUC>.
20	09	12	21.7&	54.540	N	159.650	W	7				64	SOUTH OF ALASKA. <AEIC>. ML 3.7 (AEIC).
20	10	34	37.0&	38.730	N	112.140	W	2				18	UTAH. <SLC-P>. ML 3.0 (SLC), 3.2 (GS). Felt at Richfield.
20	11	23	27.4	10.262	S	161.435	E	48	D	4.7 4.4	0.9	41	SOLOMON ISLANDS
20	11	43	25.0	36.420	N	70.846	E	214	*	4.0	0.8	35	HINDU KUSH REGION, AFGHANISTAN
20	12	15	35.6&	53.420	N	163.130	W	27		3.1		20	UNIMAK ISLAND REGION. <AEIC>. ML 3.2 (AEIC).
20	13	12	55.2&	16.792	N	61.888	W	82				4	LEEWARD ISLANDS. <FDF>. MD 2.8 (FDF).
20	13	31	57.0&	38.730	N	112.130	W	1				17	UTAH. <SLC-P>. ML 2.8 (SLC), 3.1 (GS).
20	13	31	58.8	11.051	N	61.093	W	10	G		1.3	7	WINDWARD ISLANDS. MD 2.9 (TRN).
20	13	55	31.3*	6.373	S	146.947	E	33	N	3.8	1.5	12	EASTERN NEW GUINEA REG., P.N.G.
20	14	18	52.8&	32.797	S	71.442	W	62				11	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 2.8 (GUC).
20	14	18	55.3&	42.900	N	0.600	W	2				6	PYRENEES. <LDG>. ML 2.5 (STR), 2.2 (LDG).
20	14	19	34.7&	59.800	N	152.160	W	68				51	SOUTHERN ALASKA. <AEIC>. ML 3.1 (AEIC).
20	14	28	05.3?	31.43	S	68.83	W	100	G		1.1	12	SAN JUAN PROVINCE, ARGENTINA. MD 3.2 (GUC).
20	14	36	32.1*	13.191	N	57.081	E	10	G	4.5	0.5	13	ARABIAN SEA
20	15	25	47.0*	80.774	N	121.098	E	10	G	3.2	1.4	8	EAST OF SEVERNAYA ZEMLYA, RUSSIA
20	15	33	29.6&	44.109	N	7.146	E	7				10	NORTHERN ITALY. <GEN>. ML 2.0 (GEN).
20	15	48	20.5&	61.650	N	150.830	W	48				40	SOUTHERN ALASKA. <AEIC>. ML 3.0 (AEIC), 3.0 (PMR).
20	16	01	13.8	39.503	N	23.976	E	23		4.4 4.0	1.1	146	AEGEAN SEA. MD 4.6 (ATH), 4.4 (PDG). ML 4.3 (THE).
20	16	27	28.7&	39.490	N	23.950	E	5				9	AEGEAN SEA. <ATH>. MD 3.3 (ATH).
20	16	58	17.9&	45.400	N	6.000	E	2				5	FRANCE. <LDG>. ML 1.6 (LDG).
20	17	13	39.0&	39.080	N	23.130	E	30				5	AEGEAN SEA. <ATH>. ML 3.1 (ATH).
20	18	08	52.8&	4.484	N	75.559	W	21				5	COLOMBIA. <RSNC>. ML 2.5 (RSNC).
20	18	25	10.9?	4.80	S	152.40	E	33	N	4.7	1.5	9	NEW BRITAIN REGION, P.N.G.

20	18	28	16.5	12.674	N	47.580	E	10	G	4.8 4.5	1.3	46	EASTERN GULF OF ADEN. ML 4.5 (ARO).
20	19	04	08.3	31.888	S	179.040	W	96	D	6.2	0.9	385	KERMADEC ISLANDS REGION. Mw 6.5 (GS), 6.5 (HRV). Me 6.6 (GS). Felt along the east coast of the North Island from Wairoa to Wellington. Broadband Source Parameters (GS): Dep 81; NP1: Strike=320, Dip=80, Slip=90; NP2: Strike=140, Dip=10, Slip=90; Radiated energy 1.6*10**14 Nm. Moment Tensor (GS): Dep 89; Principal axes (scale 10**18 Nm): (T) Val=5.85, Plg=52, Azm=260; (N) Val=-0.04, Plg=18, Azm=146; (P) Val=-5.82, Plg=32, Azm=44; Best double couple: Mo=5.8*10**18 Nm; NP1: Strike=89, Dip=21, Slip=31; NP2: Strike=329, Dip=79, Slip=108. Centroid, Moment Tensor (HRV): Centroid origin time 19:04:13.1; Lat 31.79 S; Lon 178.79 W; Dep 104.4; Half-duration 4.4 sec; Principal axes (scale 10**18 Nm): (T) Val=6.24, Plg=51, Azm=252; (N) Val=-0.72, Plg=11, Azm=148; (P) Val=-5.52, Plg=37, Azm=49; Best double couple: Mo=5.9*10**18 Nm; NP1: Strike=92, Dip=14, Slip=34; NP2: Strike=329, Dip=83, Slip=101. Scalar Moment (PPT): Mo=1.0*10**19 Nm.
20	19	13	20.1*	12.984	N	47.632	E	10	G	4.8	1.1	24	EASTERN GULF OF ADEN
20	19	29	05.2?	35.07	N	71.03	E	227	?		1.3	9	PAKISTAN
20	20	12	41.6&	35.680	N	27.240	E	36				6	DODECANESE ISLANDS. <ATH>. MD 3.5 (ATH).
20	20	39	01.6?	44.94	N	28.33	W	10	G	4.3	1.0	8	NORTHERN MID-ATLANTIC RIDGE
20	22	08	20.7&	32.302	S	71.426	W	47				9	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.0 (GUC).
20	23	15	49.9*	1.572	S	127.595	E	33	N	4.4	1.2	18	HALMAHERA, INDONESIA
20	23	15	52.1*	45.867	N	16.098	E	10	G		1.3	6	NORTHWESTERN BALKAN REGION. ML 2.1 (VIE), 1.5 (LJU).
20	23	24	43.9*	1.677	S	127.649	E	33	N	4.3	1.0	11	HALMAHERA, INDONESIA
20	23	26	14.0&	42.900	N	0.600	W	3				7	PYRENEES. <LDG>. ML 2.5 (STR), 2.3 (LDG).
20	23	30	39.4&	42.900	N	0.600	W	2				4	PYRENEES. <LDG>. ML 1.6 (LDG), 1.6 (STR).
20	23	49	26.3&	43.626	N	7.992	E	15				18	NEAR SOUTH COAST OF FRANCE. <GEN>. ML 2.1 (GEN), 2.0 (STR), 1.9 (LDG).
20	23	52	27.7*	45.427	N	14.404	E	10	G		1.2	10	NORTHWESTERN BALKAN REGION. ML 2.6 (VIE).
21	00	21	10.5*	41.203	N	44.132	E	10	G	4.2	1.2	14	NORTHWESTERN CAUCASUS
21	00	48	08.6*	15.437	N	60.815	W	100	G		0.7	15	LEEWARD ISLANDS. MD 2.9 (TRN), 2.5 (FDF).
21	01	27	47.8&	44.412	N	7.158	E	12				8	NORTHERN ITALY. <GEN>. ML 1.9 (GEN).
21	01	35	16.0&	45.920	N	16.140	E	12				8	NORTHWESTERN BALKAN REGION. <ZAG>. ML 2.2 (VIE), 1.8 (LJU).
21	01	37	02.5&	34.104	S	71.361	W	56				10	NEAR COAST OF CENTRAL CHILE. <GUC>.
21	01	53	55.0&	45.930	N	16.150	E	8				8	NORTHWESTERN BALKAN REGION. <ZAG>. ML 2.1 (VIE), 1.6 (LJU).
21	02	19	24.6&	44.930	N	7.204	E	11				10	NORTHERN ITALY. <GEN>. ML 2.0 (GEN), 1.7 (LDG).
21	03	07	21.1*	6.784	S	129.520	E	139	?	4.3	1.2	16	BANDA SEA
21	03	08	21.9*	16.854	S	168.670	E	249		4.5	0.9	33	VANUATU ISLANDS
21	04	01	18.9&	17.890	N	67.660	W	2				5	MONA PASSAGE. <MPR>. MD 2.8 (MPR).
21	04	20	14.6	39.529	N	24.090	E	10	G		1.0	12	AEGEAN SEA. ML 3.9 (ATH).
21	04	40	11.0	24.026	S	179.976	E	521	?	4.5	0.9	74	SOUTH OF FIJI ISLANDS
21	05	30	19.0&	33.383	S	72.339	W	11				12	OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.5 (GUC).
21	05	45	50.2&	33.377	S	72.379	W	24				12	OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.4 (GUC).
21	07	19	58.4?	27.96	N	111.35	W	10	G		1.1	9	GULF OF CALIFORNIA
21	08	24	16.6	53.665	N	160.544	E	49		4.8	0.8	100	NEAR EAST COAST OF KAMCHATKA
21	08	33	58.7&	43.170	N	0.550	W	10	G			17	PYRENEES. <STR>. ML 3.0 (STR), 2.8 (LDG). mbLg 2.6 (MDD).
21	08	55	17.9&	32.548	S	71.471	W	23				11	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.3 (GUC).
21	09	06	42.8&	56.050	N	158.120	W	51				16	ALASKA PENINSULA. <AEIC>. ML 2.6 (AEIC).
21	09	58	17.3&	44.300	N	7.600	E	2				8	NORTHERN ITALY. <LDG>. ML 2.2 (LDG).
21	10	51	27.0&	38.720	N	112.140	W	2				17	UTAH. <SLC-P>. ML 3.2 (SLC). Multiple event. Felt at Richfield.
21	11	08	28.5	29.679	S	178.474	W	237	?	4.9	0.8	65	KERMADEC ISLANDS, NEW ZEALAND. Mw 5.6 (HRV). Felt on Raoul. Centroid, Moment Tensor (HRV): Centroid origin time 11:08:20.9; Lat 29.65 S; Lon 178.37 W; Dep 149.2; Half-duration 1.4 sec; Principal axes (scale 10**17 Nm): (T) Val=2.17, Plg=4, Azm=102; (N) Val=0.52, Plg=62, Azm=200; (P) Val=-2.69, Plg=28, Azm=10; Best double couple: Mo=2.4*10**17 Nm; NP1: Strike=150, Dip=67, Slip=-162; NP2: Strike=53, Dip=74, Slip=-24.
21	11	21	56.3&	60.270	N	151.660	W	65				62	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.5 (AEIC).
21	11	22	04.0&	38.720	N	112.130	W	2				17	UTAH. <SLC-P>. ML 3.2 (SLC). Felt at Richfield.
21	11	22	19.1&	34.519	N	32.169	E	15				6	CYPRUS REGION. <CSS>. ML 3.2 (CSS).
21	11	29	26.6*	0.260	S	77.307	W	54	?	4.2	0.7	25	ECUADOR
21	12	11	10.7&	39.160	N	23.380	E	61				5	AEGEAN SEA. <ATH>.
21	13	36	38.2&	32.132	N	115.510	W	13				27	CALIF.-BAJA CALIF. BORDER REGION. <ECX>. MD 3.4 (ECX). ML 3.4 (PAS).
21	13	46	53.9&	32.128	N	115.513	W	12				28	CALIF.-BAJA CALIF. BORDER REGION. <ECX>. MD 3.5 (ECX). ML 3.6 (PAS).
21	14	07	14.5&	42.591	N	8.232	W	10	G		1.0	6	SPAIN. mbLg 2.7 (MDD). Felt (II) at Bandeira, Escuadro, La Estrada, Orazo and Silleda.
21	14	52	47.3*	50.080	N	18.935	E	5	G		1.2	6	POLAND. MG 2.7 (WAR).
21	15	00	25.1	47.186	N	7.070	E	10	G		0.8	18	SWITZERLAND. ML 2.4 (LDG), 2.3 (FBB), 2.0 (STR).
21	15	24	46.0?	9.15	S	74.84	W	100	G	4.4	1.3	8	CENTRAL PERU
21	16	25	26.2	60.259	N	151.854	W	33	N		0.8	7	KENAI PENINSULA, ALASKA. ML 2.6 (PMR).
21	16	44	34.6	85.537	N	86.576	E	10	G	4.4 3.9	1.0	19	NORTH OF SEVERNAYA ZEMLYA
21	17	10	23.8&	39.100	N	23.270	E	39				7	AEGEAN SEA. <ATH>. MD 3.2 (ATH).
21	17	19	44.9&	33.874	S	70.050	W	15				7	CHILE-ARGENTINA BORDER REGION. <GUC>.
21	17	28	18.0&	34.136	N	116.769	W	11				40	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.9 (PAS). Felt in the San Bernardino and Riverside areas.
21	17	54	19.9&	34.495	N	32.141	E	15				6	CYPRUS REGION. <CSS>. ML 2.8 (CSS).
21	18	40	21.1	42.203	N	19.470	E	10	G		0.7	15	NORTHWESTERN BALKAN REGION. ML 3.0 (PDG).
21	19	18	42.8*	30.589	N	131.292	E	43	D	4.5	1.1	10	KYUSHU, JAPAN
21	20	22	51.0	28.554	S	71.614	W	33	N	4.4	1.1	30	NEAR COAST OF CENTRAL CHILE
21	21	48	11.7&	44.541	N	7.255	E	12				21	NORTHERN ITALY. <GEN>. ML 2.6 (GEN), 2.4 (LDG).
21	22	00	09.0	46.231	N	7.527	E	10	G		0.8	17	SWITZERLAND. ML 2.5 (LDG), 2.4 (STR).
21	22	17	21.3&	33.291	S	72.389	W	7				15	OFF COAST OF CENTRAL CHILE. <GUC>. MD 4.2 (GUC).
21	22	26	36.7&	33.321	S	72.347	W	37				10	OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.5 (GUC).
21	23	52	24.5&	42.209	N	19.476	E	18				9	NORTHWESTERN BALKAN REGION. <PDG>. MD 1.7 (PDG).
22	00	19	44.6&	58.200	N	151.640	W	2				33	KODIAK ISLAND REGION. <AEIC>. ML 2.7 (AEIC).

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22  00 46 42.2* 17.130 S   72.613 W   61 *  4.7 4.3  1.0   37  NEAR COAST OF PERU
22  00 56 41.3& 48.700 N  128.984 W   10 G  3.8             39  VANCOUVER ISLAND REGION. <PGC-P>. ML 3.4 (PGC).
22  01 09 44.0& 37.900 N   25.380 E    5                     7  DODECANESE ISLANDS. <ATH>. ML 3.2 (ATH).
22  01 51 45.8& 34.552 N   32.058 E   22                    13  CYPRUS REGION. <CSS>. ML 2.8 (CSS).
22  02 05 43.9& 40.340 N   19.800 E    9                     6  ALBANIA. <ATH>. MD 3.0 (ATH).
22  02 10 56.1& 57.990 N  151.280 W   44                    49  KODIAK ISLAND REGION. <AEIC>. ML 2.6 (AEIC).
22  03 11 02.8& 32.062 S   71.519 W   29                    12  NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.9 (GUC).
22  03 18 16.7? 28.74  S   71.40  W   55 ?  4.2       1.4   21  NEAR COAST OF CENTRAL CHILE
22  03 31 24.6& 34.477 N   32.881 E    0                     4  CYPRUS REGION. <CSS>. ML 2.8 (CSS).
22  03 31 58.5& 31.932 S   70.219 W  107                    12  CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.9 (GUC).
22  03 35 08.4& 38.880 N   21.430 E    5                     7  GREECE. <ATH>. MD 3.0 (ATH).
22  04 28 51.5& 38.900 N   21.420 E    5                     7  GREECE. <ATH>. MD 3.1 (ATH).
22  04 45 22.9& 55.440 N  159.780 W   63                    11  ALASKA PENINSULA. <AEIC>. ML 2.6 (AEIC).
22  06 13 13.5& 38.270 N   22.090 E    5                     4  GREECE. <ATH>. MD 2.9 (ATH).
22  06 15 16.1& 35.020 N   24.580 E   20                     6  CRETE. <ATH>. MD 3.8 (ATH).
22  06 50 40.2   1.935 N   98.035 E   64 ?  5.0       0.9   41  NORTHERN SUMATERA, INDONESIA
22  06 58 25.6% 32.493 N   94.090 E   33 N            0.5   12  XIZANG
22  08 21 07.7% 29.154 N  129.836 E   69 *            0.8    8  RYUKYU ISLANDS
22  08 26 07.1& 62.120 N  151.240 W   74                    61  CENTRAL ALASKA. <AEIC>.
22  08 35 19.7  49.924 N   18.733 E   10 G            1.1   16  CZECH AND SLOVAK REPUBLICS. ML 3.3 (VIE), 3.3 (CLL), 3.1
                                                                 (FUR).
22  10 05 14.5& 54.490 N  162.840 W   60                    20  ALASKA PENINSULA. <AEIC>. ML 3.5 (AEIC).
22  10 39 08.5* 40.070 N   21.595 E   10 G            0.7    5  GREECE. MD 3.0 (ATH).
22  10 59 23.6  24.158 S  179.906 E  590 *  4.4       1.0   39  SOUTH OF FIJI ISLANDS
22  12 19 04.3? 29.64  N  141.18  E   78 ?            0.6    8  SOUTH OF HONSHU, JAPAN
22  12 26 12.9  38.346 N   22.107 E   10 G  4.4       1.1   70  GREECE. MD 3.9 (ATH).
22  13 12 03.8? 23.47  S  170.78  E   33 N            1.0    6  LOYALTY ISLANDS REGION
22  13 13 53.5& 33.631 S   72.018 W   11                    12  OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.4 (GUC).
22  14 08 43.8   8.259 S  119.678 E  190     5.1       1.1   87  FLORES REGION, INDONESIA
22  14 20 42.8& 54.590 N  158.400 W    0                    15  SOUTH OF ALASKA. <AEIC>. ML 3.3 (AEIC).
22  15 23 03.1& 34.475 N   32.010 E   25                     7  CYPRUS REGION. <CSS>. ML 3.7 (CSS).
22  15 25 54.8& 36.434 S   71.259 W  183                    13  CENTRAL CHILE. <GUC>. MD 3.5 (GUC).
22  15 59 47.9  31.347 N  140.879 E   54 D  4.9       0.9   54  SOUTH OF HONSHU, JAPAN
22  16 03 30.5?  7.59  N   82.83  W   33 N            1.3   11  SOUTH OF PANAMA. MD 4.3 (CASC).
22  16 17 14.7& 34.541 N   32.147 E   15                     6  CYPRUS REGION. <CSS>. ML 2.9 (CSS).
22  16 34 46.0* 32.122 S   67.307 W  196 ?            0.8   14  MENDOZA PROVINCE, ARGENTINA. MD 3.4 (GUC).
22  17 04 39.1& 44.463 N    7.215 E    7                     5  NORTHERN ITALY. <GEN>. ML 1.8 (GEN).
22  17 40 44.5& 53.670 N  165.910 W   77                     5  FOX ISLANDS, ALEUTIAN ISLANDS. <AEIC>.
22  17 47 54.6* 29.248 N   82.086 E   33 N            0.9   10  NEPAL
22  17 50 33.6?  7.25  N   83.45  W   33 N  3.8       1.2    7  OFF COAST OF COSTA RICA
22  18 02 01.8* 35.567 N   77.792 E   33 N  4.1       1.1    7  EASTERN KASHMIR
22  18 07 55.1*  3.960 S  153.815 E  404 *            1.2    9  NEW IRELAND REGION, P.N.G.
22  18 20 07.0& 49.170 N    6.810 E    1                     4  GERMANY. <FBB>. ML 2.0 (FBB).
22  19 17 17.1  43.108 N   12.743 E   10 G            0.6   16  CENTRAL ITALY
22  19 41 08.1& 38.320 N   22.300 E   10                     4  GREECE. <ATH>. MD 2.8 (ATH).
22  20 08 11.3   3.240 S  126.237 E   49 *  4.9 4.2   0.9   21  BURU, INDONESIA
22  20 31 14.1& 34.132 S   72.023 W   28                    12  NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.4 (GUC).
22  20 55 08.2? 14.30  N   90.80  W   33 N  4.0       0.9   14  GUATEMALA
22  21 02 09.5& 54.560 N  156.680 W   21     4.5           87  SOUTH OF ALASKA. <AEIC>. ML 4.4 (AEIC), 4.1 (PMR).
22  21 02 50.0& 31.611 S   69.389 W  178                    10  SAN JUAN PROVINCE, ARGENTINA. <GUC>.
22  21 04 47.4& 34.652 S   70.437 W    0                    10  CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.3 (GUC).
22  21 23 53.0? 21.71  N  143.17  E  290 ?  4.3       1.1   19  MARIANA ISLANDS REGION
22  21 38 05.0* 41.835 N  141.777 E   33 N  4.1       0.9   16  HOKKAIDO, JAPAN  REGION
22  21 45 12.8& 34.479 N   31.988 E   25                    11  CYPRUS REGION. <CSS>. ML 3.7 (CSS).
22  22 19 36.9  27.953 S   26.635 E    5 G  5.7 4.7   0.7  290  REPUBLIC OF SOUTH AFRICA. Two people killed in a gold mine
                                                                 and some buildings damaged in the Welkom area.
22  22 20 36.3  31.983 S   71.473 W   81 *            0.9   25  NEAR COAST OF CENTRAL CHILE. MD 4.4 (GUC). Felt (IV) at Los
                                                                 Vilos; (III) at Illapel, La Ligua and Papudo.
22  23 26 27.5& 35.556 S   70.409 W  174                    11  CHILE-ARGENTINA BORDER REGION. <GUC>.
23  00 45 43.2& 42.461 N   20.106 E   11                    10  NORTHWESTERN BALKAN REGION. <PDG>. MD 2.6 (PDG).
23  01 08 07.5& 31.513 S   69.954 W  157                     9  SAN JUAN PROVINCE, ARGENTINA. <GUC>.
23  01 15 04.3&  7.582 N   82.833 W   20                     6  SOUTH OF PANAMA. <UPA>. MD 3.8 (UPA).
23  01 15 38.5& 54.560 N  156.680 W    9                   100  SOUTH OF ALASKA. <AEIC>. ML 4.3 (AEIC), 4.1 (PMR).
23  02 10 22.1& 34.478 S   70.740 W  100                    13  CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.2 (GUC).
23  02 22 26.0& 42.435 N   20.096 E   12                     9  NORTHWESTERN BALKAN REGION. <PDG>. MD 1.9 (PDG).
23  03 06 22.7& 46.900 N    7.100 E   11                     4  SWITZERLAND. <LDG>. ML 1.8 (LDG).
23  03 18 03.7& 39.620 S  177.280 E   33 N                    5  OFF E. COAST OF N. ISLAND, N.Z. <WEL>. ML 3.7 (WEL).
23  04 34 05.9? 52.06  N  172.56  W   33 N  3.5       0.6    7  ANDREANOF ISLANDS, ALEUTIAN IS.
23  04 42 32.6& 34.690 S   71.784 W   38                    13  NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.7 (GUC).
23  04 43 16.3? 12.65  N   87.89  W   33 N  3.7       0.3    5  NEAR COAST OF NICARAGUA. ML 3.8 (CASC).
23  05 24 03.7& 63.070 N  150.840 W  120                    43  CENTRAL ALASKA. <AEIC>.
23  06 21 40.8* 46.056 N   14.783 E   10 G            0.2    5  NORTHWESTERN BALKAN REGION. ML 2.0 (VIE).
23  06 25 59.6& 45.000 N    5.800 E    2                    30  FRANCE. <LDG>. ML 2.6 (LDG), 2.4 (STR).
23  06 31 13.9* 40.521 N  142.420 E   33 N  3.7       0.4    5  NEAR EAST COAST OF HONSHU, JAPAN
23  08 02 45.9*  5.613 S  152.979 E   65 ?  4.6       1.1   10  NEW BRITAIN REGION, P.N.G.
23  08 58 57.3  17.921 N  104.813 W   33 N  4.9       0.9   97  OFF COAST OF MICHOACAN, MEXICO. Mw 5.4 (HRV).
                                                                 Centroid, Moment Tensor (HRV): Centroid origin time
                                                                  08:58:56.7; Lat 18.09 N; Lon 105.14 W; Dep 15.0 Fix; Half-
                                                                  duration 1.0 sec; Principal axes (scale 10**17 Nm): (T)
                                                                  Val=1.31, Plg=32, Azm=277; (N) Val=-0.28, Plg=51, Azm=57;
                                                                  (P) Val=-1.03, Plg=21, Azm=174; Best double couple:
                                                                  Mo=1.2*10**17 Nm; NP1: Strike=312, Dip=52, Slip=171; NP2:
                                                                  Strike=48, Dip=83, Slip=39.
23  09 29 23.0* 17.939 N  104.757 W   33 N  3.7       0.9   13  OFF COAST OF MICHOACAN, MEXICO
23  09 32 19.9& 32.665 S   71.661 W   24                    13  NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.4 (GUC).
23  09 47 22.7*  8.879 S   75.865 W  150 G  3.6       1.0    8  CENTRAL PERU
23  09 52 31.1& 34.383 S   70.606 W  106                     9  CHILE-ARGENTINA BORDER REGION. <GUC>.
23  09 58 09.6   6.091 S  150.485 E   53 *  5.1 4.9   1.0   62  NEW BRITAIN REGION, P.N.G. Mw 5.2 (HRV).
                                                                 Centroid, Moment Tensor (HRV): Centroid origin time
                                                                  09:58:10.9; Lat 6.66 S; Lon 150.56 E; Dep 17.9; Half-
                                                                  duration 1.1 sec; Principal axes (scale 10**16 Nm): (T)
                                                                  Val=6.10, Plg=68, Azm=356; (N) Val=2.05, Plg=4, Azm=257;
                                                                  (P) Val=-8.15, Plg=21, Azm=165; Best double couple:
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									Mo=7.1*10**16 Nm; NP1: Strike=248, Dip=24, Slip=81; NP2: Strike=78, Dip=66, Slip=94.
23	10 18 24.8*	11.498 N	86.830 W	64 *	4.4		1.2	30	NEAR COAST OF NICARAGUA
23	10 22 46.1?	4.53 N	124.08 E	33 N			1.4	9	CELEBES SEA
23	10 25 54.5&	35.460 N	26.130 E	7	3.7			12	CRETE. <ATH>. MD 3.9 (ATH).
23	10 26 19.0&	52.140 N	115.270 W	0				5	ALBERTA, CANADA. <PGC-P>. ML 3.0 (PGC).
23	10 43 36.7?	27.78 S	177.59 W	247 ?	4.4		1.3	18	KERMADEC ISLANDS REGION
23	10 46 48.5&	60.440 N	152.660 W	9				54	SOUTHERN ALASKA. <AEIC>. ML 2.9 (AEIC), 3.2 (PMR).
23	10 52 08.2?	48.92 S	121.32 E	10 G			1.1	16	SOUTH OF AUSTRALIA
23	11 02 24.2*	15.417 N	91.823 W	216 ?	4.3		1.0	22	MEXICO-GUATEMALA BORDER REGION
23	11 36 38.9&	43.950 N	7.150 E	2				16	NEAR SOUTH COAST OF FRANCE. <STR>. ML 2.3 (STR), 2.2 (LDG).
23	11 41 31.1*	55.791 N	109.995 E	10 G	3.5		1.5	9	LAKE BAYKAL REGION, RUSSIA
23	12 10 31.1&	57.987 N	148.672 W	10				31	GULF OF ALASKA. <AEIC>. ML 2.5 (AEIC).
23	12 13 44.9*	51.064 N	15.916 E	5 G			1.3	6	POLAND. MG 3.2 (WAR).
23	12 24 04.9&	59.780 N	153.270 W	132				32	SOUTHERN ALASKA. <AEIC>.
23	13 51 44.7*	44.544 N	149.350 E	33 N	4.5		1.2	29	KURIL ISLANDS
23	13 56 30.4*	44.709 N	149.501 E	33 N			1.3	10	KURIL ISLANDS
23	13 59 15.9&	33.305 S	72.357 W	7				12	OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.5 (GUC).
23	14 00 24.4*	11.432 N	86.910 W	52 *	4.0		1.4	22	NEAR COAST OF NICARAGUA. MD 4.4 (CASC).
23	14 01 44.0&	54.090 N	164.080 W	13				24	UNIMAK ISLAND REGION. <AEIC>. ML 3.7 (AEIC).
23	14 34 14.1	5.481 N	121.984 E	33 N	5.0		0.9	53	CELEBES SEA
23	14 39 20.8&	37.334 N	119.947 W	4				8	CENTRAL CALIFORNIA. <GM-P>. MD 2.6 (GM).
23	14 54 01.5&	45.360 N	2.520 E	2				5	FRANCE. <STR>. ML 2.2 (STR).
23	15 41 30.2?	17.35 S	173.54 W	33 N	4.0		1.1	16	TONGA ISLANDS
23	15 50 58.4&	8.617 N	82.845 W	6				20	PANAMA-COSTA RICA BORDER REGION. <UPA>. MD 4.3 (UPA), 4.3 (CASC).
23	16 38 56.1&	32.808 S	70.221 W	106				12	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.6 (GUC).
23	16 47 41.0*	36.298 N	70.118 E	33 N	4.1		1.3	7	HINDU KUSH REGION, AFGHANISTAN
23	17 07 39.3?	28.98 S	69.75 W	33 N			1.2	12	CHILE-ARGENTINA BORDER REGION
23	18 19 47.3	36.140 N	31.162 E	66	4.6		1.1	178	TURKEY. Felt by people in high-rise buildings at Nicosia and Paphos, Cyprus.
23	18 20 20.9?	51.02 N	179.17 W	33 N	4.2		1.4	15	ANDREANOF ISLANDS, ALEUTIAN IS.
23	18 56 26.9	13.123 N	145.142 E	53 *	5.5	5.5	1.1	114	MARIANA ISLANDS. Mw 5.7 (GS), 5.7 (HRV). Me 5.2 (GS). Broadband Source Parameters (GS): Dep 13; NP1: Strike=15, Dip=80, Slip=90; NP2: Strike=195, Dip=10, Slip=90; Radiated energy 1.4*10**12 Nm. Moment Tensor (GS): Dep 14; Principal axes (scale 10**17 Nm): (T) Val=4.10, Plg=54, Azm=283; (N) Val=0.00, Plg=1, Azm=191; (P) Val=-4.10, Plg=36, Azm=100; Best double couple: Mo=4.1*10**17 Nm; NP1: Strike=184, Dip=9, Slip=83; NP2: Strike=11, Dip=81, Slip=91. Centroid, Moment Tensor (HRV): Centroid origin time 18:56:26.6; Lat 12.88 N; Lon 145.88 E; Dep 15.0 Bdy; Half-duration 1.8 sec; Principal axes (scale 10**17 Nm): (T) Val=4.65, Plg=65, Azm=246; (N) Val=-0.01, Plg=19, Azm=23; (P) Val=-4.64, Plg=16, Azm=119; Best double couple: Mo=4.7*10**17 Nm; NP1: Strike=235, Dip=33, Slip=127; NP2: Strike=13, Dip=64, Slip=68.
23	18 57 09.9&	44.600 N	6.800 E	2				40	FRANCE. <LDG>. ML 2.7 (GEN), 2.4 (STR), 2.3 (LDG).
23	19 07 13.4?	13.19 N	145.46 E	33 N	3.9		1.1	6	MARIANA ISLANDS
23	19 39 55.6*	85.967 N	79.822 E	10 G			0.4	9	NORTH OF SEVERNAYA ZEMLYA
23	20 04 32.2&	33.893 S	71.041 W	73				13	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 2.9 (GUC).
23	20 39 28.9*	31.112 N	130.359 E	171 *	4.7		1.3	24	KYUSHU, JAPAN
23	20 48 10.6?	13.06 N	145.61 E	33 N			0.9	7	MARIANA ISLANDS
23	21 05 50.4?	14.11 S	13.78 W	10 G	4.2		1.1	9	SOUTHERN MID-ATLANTIC RIDGE
23	22 12 32.7	35.860 N	21.593 E	53	3.8		1.0	33	CENTRAL MEDITERRANEAN SEA. MD 3.9 (ATH).
23	22 18 24.3*	18.893 S	12.468 W	10 G	4.8		1.5	23	SOUTHERN MID-ATLANTIC RIDGE
23	22 42 51.1&	38.320 N	21.980 E	5				10	GREECE. <ATH>. ML 3.0 (ATH).
23	22 46 38.5&	31.592 S	70.118 W	139				12	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.9 (GUC).
24	00 18 55.0&	48.300 N	9.030 E	8				9	GERMANY. <FBB>. ML 2.1 (STR), 2.1 (LDG), 1.9 (FBB).
24	00 30 16.4&	54.760 N	161.910 W	87				13	ALASKA PENINSULA. <AEIC>.
24	00 47 03.7&	45.000 N	6.200 E	2				7	FRANCE. <LDG>. ML 2.0 (LDG).
24	02 04 10.6	37.308 N	20.987 E	10 G	4.2		0.9	32	IONIAN SEA. ML 4.4 (ATH).
24	02 35 40.4&	59.750 N	153.340 W	114				45	SOUTHERN ALASKA. <AEIC>.
24	02 35 50.7%	45.767 N	27.254 E	10 G			0.4	5	ROMANIA
24	04 10 40.0&	43.000 N	0.300 E	11				17	FRANCE. <LDG>. ML 2.6 (LDG), 2.4 (STR).
24	05 14 27.3&	44.442 N	7.272 E	13				9	NORTHERN ITALY. <GEN>. ML 1.9 (GEN)..
24	05 26 04.6%	45.668 N	27.143 E	10 G			0.8	7	ROMANIA
24	07 23 18.6&	41.484 N	19.600 E	13	4.0			71	ALBANIA. <PDG>. ML 3.6 (PDG), 3.6 (ROM). MD 3.5 (ATH).
24	07 34 25.5*	46.184 N	150.583 E	250 G	3.5		0.6	13	KURIL ISLANDS
24	07 39 08.5*	35.397 N	45.248 E	33 N	4.3		0.7	23	IRAN-IRAQ BORDER REGION
24	07 56 27.8&	37.545 N	118.864 W	8				29	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. Mw 3.5 (BRK). MD 3.6 (GM). ML 3.9 (BRK). Moment Tensor (BRK): Dep 8; Principal axes (scale 10**14 Nm): (T) Val=2.31, Plg=19, Azm=58; (N) Val=0.00, Plg=18, Azm=155; (P) Val=-2.31, Plg=63, Azm=286; Best double couple: Mo=2.3*10**14 Nm; NP1: Strike=343, Dip=66, Slip=-70; NP2: Strike=121, Dip=31, Slip=-128.
24	08 12 55.1%	32.559 S	70.913 W	33 N			0.4	10	CHILE-ARGENTINA BORDER REGION
24	08 45 16.8	18.043 S	178.449 W	568 D	5.2		0.9	174	FIJI ISLANDS REGION. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 08:45:23.6; Lat 17.91 S; Lon 178.38 W; Dep 602.2; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=1.21, Plg=27, Azm=19; (N) Val=0.47, Plg=52, Azm=149; (P) Val=-1.69, Plg=25, Azm=275; Best double couple: Mo=1.5*10**17 Nm; NP1: Strike=56, Dip=52, Slip=178; NP2: Strike=147, Dip=89, Slip=38.
24	09 22 38.4*	37.155 N	57.053 E	33 N	4.3		1.4	23	TURKMENISTAN-IRAN BORDER REGION. Felt at Esfarayen, Iran.
24	09 24 22.7&	32.357 S	71.430 W	31				12	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.7 (GUC).
24	09 38 31.7*	36.891 N	141.495 E	33 N	4.1		1.0	15	NEAR EAST COAST OF HONSHU, JAPAN
24	09 53 50.3&	44.320 N	7.530 E	2				11	NORTHERN ITALY. <STR>. ML 2.3 (LDG), 2.2 (STR).
24	11 22 51.6?	9.52 N	126.43 E	33 N			0.8	7	MINDANAO, PHILIPPINE ISLANDS
24	11 24 39.5*	6.136 N	93.502 E	43 D	4.1		1.0	11	NICOBAR ISLANDS, INDIA

24	12	02	31.5?	27.87	N	143.48	E	33	N	3.9	0.9	8	BONIN ISLANDS REGION
24	12	39	08.3&	34.472	N	33.285	E	15				7	CYPRUS REGION. <CSS>. ML 2.9 (CSS).
24	12	56	39.9&	18.660	N	66.880	W	19				5	PUERTO RICO REGION. <MPR>. MD 2.4 (MPR).
24	13	07	55.1&	35.795	S	71.422	W	36				8	CENTRAL CHILE. <GUC>.
24	13	50	33.8	51.762	N	176.904	W	33	N	4.3	1.3	62	ANDREANOF ISLANDS, ALEUTIAN IS. Felt (IV) on Adak.
24	13	54	33.2	5.976	N	125.763	E	178	?	4.8	1.1	39	MINDANAO, PHILIPPINE ISLANDS
24	14	47	56.8	46.197	N	16.019	E	10	G		0.6	10	NORTHWESTERN BALKAN REGION. ML 2.4 (VIE), 1.8 (LJU).
24	14	58	50.8*	5.836	S	148.603	E	85	*	4.4	1.0	10	NEW BRITAIN REGION, P.N.G.
24	15	42	02.1	4.135	S	102.369	E	65	D	5.1	0.8	50	SOUTHERN SUMATERA, INDONESIA. Mw 5.3 (HRV). Felt (III) at Bengkulu. Centroid, Moment Tensor (HRV): Centroid origin time 15:42:06.8; Lat 4.25 S; Lon 102.06 E; Dep 59.3; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=1.11, Plg=60, Azm=57; (N) Val=0.02, Plg=9, Azm=311; (P) Val=-1.13, Plg=28, Azm=216; Best double couple: Mo=1.1*10**17 Nm; NP1: Strike=283, Dip=19, Slip=61; NP2: Strike=133, Dip=73, Slip=99.
24	17	00	37.0*	7.589	S	147.087	E	18	*	4.3	1.2	15	EASTERN NEW GUINEA REG., P.N.G.
24	17	10	27.4*	30.245	S	179.372	E	500	G		0.5	12	KERMADEC ISLANDS REGION
24	17	42	17.8&	33.985	N	116.405	W	4				30	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
24	19	13	50.0*	6.367	S	146.892	E	10	G	4.6	1.0	17	EASTERN NEW GUINEA REG., P.N.G.
24	19	48	35.9?	28.38	N	81.16	E	33	N	4.3	1.3	8	NEPAL-INDIA BORDER REGION
24	20	15	58.7?	30.90	S	179.04	W	240	?	4.9	1.1	12	KERMADEC ISLANDS REGION
24	21	06	10.7*	29.500	N	138.854	E	476	?		1.1	12	SOUTH OF HONSHU, JAPAN
24	21	24	09.8&	34.477	S	70.478	W	120				13	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.5 (GUC).
24	21	29	30.5*	54.764	N	161.467	E	33	N		1.4	11	NEAR EAST COAST OF KAMCHATKA
24	21	30	51.1*	40.236	S	78.151	E	10	G	4.7	1.0	21	MID-INDIAN RIDGE
24	21	32	16.2*	37.084	N	71.680	E	157	?	3.8	0.8	20	AFGHANISTAN-TAJIKISTAN BORD REG.
24	21	36	32.4*	23.373	S	68.183	W	142	*	4.6	1.5	23	NORTHERN CHILE
24	21	47	29.7&	44.397	N	7.295	E	14				15	NORTHERN ITALY. <GEN>. ML 2.2 (GEN), 1.8 (LDG).
24	22	43	45.9&	35.870	S	71.470	W	135				8	CENTRAL CHILE. <GUC>.
24	22	45	58.0&	48.870	N	9.390	E	2				10	GERMANY. <STR>. ML 2.0 (STR), 1.9 (LDG).
24	23	06	51.7&	44.030	S	168.770	E	5				15	SOUTH ISLAND, NEW ZEALAND. <WEL>. Felt at Queenstown.
24	23	40	02.8&	31.615	S	71.281	W	34				12	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.5 (GUC).
24	23	54	48.3	85.547	N	86.107	E	10	G	4.2	1.1	25	NORTH OF SEVERNAYA ZEMLYA
25	00	14	57.0&	38.900	N	26.050	E	101				10	AEGEAN SEA. <ATH>.
25	00	41	59.3	22.047	N	143.844	E	114	D	4.7	1.1	47	VOLCANO ISLANDS REGION
25	01	19	38.9	5.435	N	94.860	E	73	D	4.9	0.9	94	NORTHERN SUMATERA, INDONESIA. Felt (II) at Banda Aceh.
25	02	44	06.5&	43.000	N	0.100	W	2				10	PYRENEES. <LDG>. ML 2.2 (STR), 2.0 (LDG).
25	03	08	57.2	17.444	N	100.398	W	54	?	4.4	0.7	38	GUERRERO, MEXICO
25	03	43	44.6&	48.300	N	0.300	W	2				6	FRANCE. <LDG>. ML 1.9 (LDG).
25	04	30	12.1&	34.453	S	70.487	W	3				13	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.4 (GUC).
25	04	35	42.8&	40.556	N	122.233	W	24				5	NORTHERN CALIFORNIA. <GM-P>. MD 3.0 (GM).
25	05	18	48.9?	14.31	N	91.44	W	200	G	4.4	1.1	15	GUATEMALA
25	05	22	07.0&	37.760	N	112.490	W	2				12	UTAH. <SLC-P>. ML 3.1 (SLC).
25	06	01	13.2&	37.430	N	2.300	W	0	G			11	SPAIN. <MDD>. mbLg 1.9 (MDD).
25	07	15	40.7&	33.632	S	70.403	W	104				11	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.2 (GUC).
25	07	39	33.6%	26.563	N	130.053	E	33	N		1.3	8	SOUTHEAST OF RYUKYU ISLANDS
25	08	21	46.9&	18.150	N	67.200	W	16				4	MONA PASSAGE. <MPR>. MD 2.2 (MPR).
25	08	44	15.2?	10.85	N	125.92	E	33	N	4.0	1.0	12	LEYTE, PHILIPPINE ISLANDS
25	09	10	44.2	31.798	S	69.255	W	116	D	5.3	0.9	165	SAN JUAN PROVINCE, ARGENTINA. Mw 5.3 (HRV). MD 4.9 (GUC). Felt (III) at Chincolco, Petorca and San Felipe; (II) at Los Andes, Valparaiso and Vina del Mar, Chile. Centroid, Moment Tensor (HRV): Centroid origin time 09:10:48.2; Lat 31.91 S; Lon 69.34 W; Dep 120.0; Half-duration 1.1 sec; Principal axes (scale 10**17 Nm): (T) Val=1.27, Plg=6, Azm=286; (N) Val=-0.28, Plg=18, Azm=194; (P) Val=-0.99, Plg=71, Azm=35; Best double couple: Mo=1.1*10**17 Nm; NP1: Strike=36, Dip=42, Slip=-62; NP2: Strike=181, Dip=54, Slip=-113.
25	09	13	12.4	35.432	N	140.123	E	103		4.6	0.8	53	NEAR EAST COAST OF HONSHU, JAPAN. Felt (II JMA) in Chiba, Kanagawa, eastern Saitama and eastern Shizuoka Prefectures. Also felt (II JMA) in the Tokyo-Yokohama area.
25	09	21	33.3&	60.130	N	140.990	W	2				12	SOUTHEASTERN ALASKA. <AEIC>. ML 2.7 (AEIC), 2.7 (PGC).
25	09	48	27.8&	54.050	N	163.140	W	0				13	UNIMAK ISLAND REGION. <AEIC>. ML 2.7 (AEIC).
25	09	51	26.5	46.180	N	12.584	E	10	G		1.2	97	NORTHERN ITALY. ML 3.7 (GRF), 3.6 (VIE), 3.3 (FBB), 3.3 (FUR), 3.3 (LDG).
25	09	52	13.7*	30.430	N	79.634	E	10	G		0.9	10	XIZANG-INDIA BORDER REGION
25	10	40	32.6&	63.270	N	151.220	W	5				35	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC), 2.9 (PMR).
25	10	44	38.9&	37.650	N	2.210	W	4				12	SPAIN. <MDD>. mbLg 2.2 (MDD).
25	10	48	37.6&	37.640	N	2.200	W	3				17	SPAIN. <MDD>. mbLg 2.8 (MDD).
25	11	02	37.9&	37.630	N	2.220	W	0	G			7	SPAIN. <MDD>. mbLg 2.2 (MDD).
25	11	08	11.0&	33.873	S	72.171	W	41				13	OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.5 (GUC).
25	11	29	31.3&	18.740	N	67.510	W	32				9	MONA PASSAGE. <MPR>. MD 3.3 (MPR).
25	12	27	05.2	36.441	N	140.473	E	82		5.3	0.8	284	NEAR EAST COAST OF HONSHU, JAPAN. Mw 5.3 (HRV). Felt (IV JMA) in Ibaraki and Tochigi; (III JMA) in parts of Chiba, Fukushima and Saitama Prefectures. Felt from Iwate to Shizuoka Prefectures. Centroid, Moment Tensor (HRV): Centroid origin time 12:27:05.7; Lat 36.15 N; Lon 140.73 E; Dep 62.3; Half-duration 1.0 sec; Principal axes (scale 10**17 Nm): (T) Val=0.93, Plg=66, Azm=245; (N) Val=0.27, Plg=17, Azm=20; (P) Val=-1.20, Plg=16, Azm=115; Best double couple: Mo=1.1*10**17 Nm; NP1: Strike=229, Dip=33, Slip=123; NP2: Strike=11, Dip=63, Slip=71.
25	12	31	41.5*	36.706	N	43.481	E	33	N	3.8	1.1	11	IRAQ
25	13	33	30.9&	37.600	N	2.120	W	2				13	SPAIN. <MDD>. mbLg 2.6 (MDD).
25	13	35	37.2*	51.699	N	172.846	W	33	N		1.3	14	ANDREANOF ISLANDS, ALEUTIAN IS.
25	13	36	22.6&	34.010	S	72.265	W	14				3	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.2 (GUC).
25	13	59	34.1&	37.280	N	21.540	E	5				8	SOUTHERN GREECE. <ATH>. ML 3.4 (ATH).
25	14	32	54.6*	6.470	S	147.128	E	56	*	4.6	1.3	20	EASTERN NEW GUINEA REG., P.N.G.
25	14	40	32.0*	35.212	N	24.436	E	33	N		0.9	6	CRETE. MD 3.6 (ATH).
25	15	43	37.9&	37.620	N	2.210	W	3				14	SPAIN. <MDD>. mbLg 2.7 (MDD).

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25  16 55 39.6& 37.010 N    4.190 W    0 G                    9  SPAIN. <MDD>. mbLg 1.9 (MDD).
25  17 04 24.7& 60.080 N  153.020 W  138                      51  SOUTHERN ALASKA. <AEIC>.
25  17 05 32.0& 44.409 N    6.990 E    7                      10  FRANCE. <GEN>. ML 1.9 (GEN).
25  18 10 47.5% 85.587 N   85.949 E   10 G          1.4       7  NORTH OF SEVERNAYA ZEMLYA
25  18 28 40.7* 45.978 N   15.005 E   10 G          0.1       5  NORTHWESTERN BALKAN REGION. ML 1.6 (VIE), 1.2 (LJU).
25  19 17 48.1* 29.607 S   72.035 W   55 *          1.0      23  OFF COAST OF CENTRAL CHILE
25  20 01 42.6* 18.571 S   69.187 W  151    4.8     0.8      17  NORTHERN CHILE. Felt (II) at Arica.
25  20 05 51.2& 37.190 N   20.760 E    5                       4  IONIAN SEA. <ATH>. MD 3.0 (ATH).
25  20 18 24.2* 44.875 S  167.752 E  138          1.1      17  SOUTH ISLAND, NEW ZEALAND
25  20 22 01.4& 36.990 N    3.730 W    4                       7  STRAIT OF GIBRALTAR. <MDD>. mbLg 1.5 (MDD).
25  20 36 47.7  45.872 N    7.042 E    5 G          1.2      79  NORTHERN ITALY. ML 3.2 (LDG), 3.0 (STR), 2.8 (FBB).
25  21 00 28.1* 57.790 S   25.663 W   33 N    4.4   0.8      21  SOUTH SANDWICH ISLANDS REGION
25  21 57 54.2  11.575 S   66.159 E   10 G    4.7   0.8      59  MID-INDIAN RIDGE
25  22 16 41.4  43.069 N   18.992 E   10 G          0.7      12  NORTHWESTERN BALKAN REGION. ML 2.7 (PDG).
25  22 20 14.8% 55.242 N  123.944 E   33 N          1.5      11  SOUTHEASTERN SIBERIA, RUSSIA. Felt (IV) at Tynda and (II) at
                                                                   Zeya.
25  22 55 15.8& 32.638 S   70.422 W  110                      11  CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.8 (GUC).
26  00 09 04.4& 38.810 N  122.799 W    5                      12  NORTHERN CALIFORNIA. <GM-P>. MD 2.9 (GM).
26  00 30 13.9& 55.810 N  159.415 W  107                      36  ALASKA PENINSULA. <AEIC>.
26  00 45 04.1& 32.133 S   70.507 W   92                      10  CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.8 (GUC).
26  01 02 43.3  16.756 N  121.496 E   33 N    4.8   1.1      37  LUZON, PHILIPPINE ISLANDS
26  01 05 55.6& 39.420 N   20.740 E    5                       6  GREECE-ALBANIA BORDER REGION. <ATH>. MD 2.8 (ATH).
26  01 09 34.7  47.139 N   11.241 E   10 G          0.2       6  AUSTRIA. ML 1.3 (VIE).
26  01 13 25.8  41.965 N   21.991 E   10 G    3.5   1.2      44  NORTHWESTERN BALKAN REGION. ML 3.7 (PDG), 3.3 (ROM). MD 3.6
                                                                   (ATH). Felt (IV) in the Nikole area and at Skopje, Stip and
                                                                   Veles.
26  01 50 42.4  34.276 N   25.286 E   33 N    4.1   1.1     110  CRETE. ML 4.3 (ATH).
26  01 54 04.0? 19.44  S  173.41  W   33 N          1.0      12  TONGA ISLANDS
26  02 06 58.6& 41.950 N   19.220 E    8                       9  ALBANIA. <PDG>. MD 1.6 (PDG).
26  02 13 08.0? 14.67  N   88.49  W   33 N    3.6   1.0      10  HONDURAS
26  02 16 31.4& 33.701 S   69.542 W  146                      11  CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.8 (GUC).
26  02 23 52.5* 45.769 N   27.805 E   33 N          1.3       5  ROMANIA
26  02 45 53.5& 33.963 S   70.910 W   74                      13  CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.1 (GUC).
26  02 53 46.0  45.821 N   11.056 E   10 G          1.1      98  NORTHERN ITALY. ML 3.9 (VIE), 3.7 (GRF), 3.5 (STR), 3.4
                                                                   (LDG), 3.3 (FUR).
26  04 35 32.9? 19.37  S   69.21  W  141 ?  3.5   0.6       5  NORTHERN CHILE. Felt (IV) at Camarones and (III) at Arica.
26  04 49 46.5& 34.947 S   71.227 W   93                      13  NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.0 (GUC).
26  05 45 08.4* 24.008 N  120.564 E   33 N          1.0       7  TAIWAN. Felt (IV JMA) at Hua-lien. Felt in northeastern
                                                                   Taiwan.
26  05 48 48.0& 44.831 N    7.155 E   10                      20  NORTHERN ITALY. <GEN>. ML 2.4 (GEN), 2.1 (LDG).
26  07 07 02.7  53.965 N  159.190 E  127 D    4.8   0.7     133  NEAR EAST COAST OF KAMCHATKA
26  07 30 16.4? 20.19  N   61.38  E   10 G    4.2   1.2      13  ARABIAN SEA
26  07 57 06.3  31.882 N  140.348 E   94 D    4.4   1.1      33  SOUTH OF HONSHU, JAPAN
26  08 03 33.3* 85.743 N   82.648 E   10 G    4.0   1.4      11  NORTH OF SEVERNAYA ZEMLYA
26  08 07 24.2& 54.108 N  164.157 W   10                      18  UNIMAK ISLAND REGION. <AEIC>. ML 2.6 (AEIC).
26  08 10 38.4   9.752 N   69.351 W   33 N    4.1   0.8      27  VENEZUELA
26  08 59 31.3& 38.230 N   20.500 E    5                       7  GREECE. <ATH>. MD 3.3 (ATH).
26  10 29 51.3* 37.145 N   20.903 E    5 G    4.0   1.4      19  IONIAN SEA. ML 4.1 (ATH).
26  11 16 59.5& 41.853 N   19.387 E   17                       8  ALBANIA. <PDG>. MD 2.0 (PDG).
26  11 26 33.1*  6.942 S  127.456 E  409 ?    4.1   1.2      15  BANDA SEA
26  11 33 12.8   6.692 S  143.329 E   33 N    4.3   0.8      13  NEW GUINEA, PAPUA NEW GUINEA. ML 3.8 (PMG).
26  11 43 05.3  51.646 N   16.400 E    5 G          1.1      17  POLAND. ML 3.8 (GRF), 3.6 (VIE).
26  11 49 17.6? 52.74  N  171.12  E   33 N    4.1   0.2       6  NEAR ISLANDS, ALEUTIAN ISLANDS
26  12 03 25.4&  7.311 N   79.675 W    8                       6  SOUTH OF PANAMA. <UPA>. MD 3.8 (UPA).
26  12 05 50.2& 60.667 N  151.615 W   71    2.8              51  KENAI PENINSULA, ALASKA. <AEIC>.
26  12 10 11.9  25.602 S   13.802 W   10 G    4.9 4.6  0.9   54  SOUTHERN MID-ATLANTIC RIDGE. Mw 5.3 (HRV).
                                                                   Centroid, Moment Tensor (HRV): Centroid origin time
                                                                    12:10:17.8; Lat 25.83 S; Lon 13.78 W; Dep 15.0 Fix; Half-
                                                                    duration 1.0 sec; Principal axes (scale 10**17 Nm): (T)
                                                                    Val=1.00, Plg=19, Azm=121; (N) Val=-0.22, Plg=70, Azm=277;
                                                                    (P) Val=-0.79, Plg=8, Azm=29; Best double couple:
                                                                    Mo=8.9*10**16 Nm; NP1: Strike=164, Dip=71, Slip=172; NP2:
                                                                    Strike=256, Dip=82, Slip=19.
26  13 20 07.6  85.672 N   84.830 E   10 G    5.2 4.9  1.0  151  NORTH OF SEVERNAYA ZEMLYA. Mw 5.2 (HRV).
                                                                   Centroid, Moment Tensor (HRV): Centroid origin time
                                                                    13:20:08.5; Lat 85.61 N; Lon 84.43 E; Dep 15.0 Fix; Half-
                                                                    duration 1.0 sec; Principal axes (scale 10**16 Nm): (T)
                                                                    Val=7.28, Plg=11, Azm=205; (N) Val=0.64, Plg=4, Azm=115;
                                                                    (P) Val=-7.92, Plg=79, Azm=5; Best double couple:
                                                                    Mo=7.6*10**16 Nm; NP1: Strike=300, Dip=35, Slip=-83; NP2:
                                                                    Strike=112, Dip=56, Slip=-95.
26  13 23 43.8& 42.800 N    0.200 E    2                      14  PYRENEES. <LDG>. ML 2.8 (LDG), 2.5 (STR).
26  14 08 10.5& 53.583 N  165.792 W  100                      14  FOX ISLANDS, ALEUTIAN ISLANDS. <AEIC>.
26  14 46 55.4*  5.157 S  102.390 E   68 ?    4.7   1.0      32  SOUTHERN SUMATERA, INDONESIA
26  15 01 58.8& 38.870 N   21.660 E    5                      11  GREECE. <ATH>. ML 3.3 (ATH).
26  15 17 20.4& 33.583 S   71.620 W   32                       7  NEAR COAST OF CENTRAL CHILE. <GUC>.
26  18 17 26.2   1.648 S   77.783 W  173 D    5.6   0.7     435  ECUADOR. Mw 6.0 (GS), 6.0 (HRV). Me 5.8 (GS).
                                                                   Broadband Source Parameters (GS): Dep 168; NP1: Strike=310,
                                                                    Dip=75, Slip=-100; NP2: Strike=164, Dip=18, Slip=-57;
                                                                    Radiated energy 1.1*10**13 Nm.
                                                                   Moment Tensor (GS): Dep 170; Principal axes (scale 10**18
                                                                    Nm): (T) Val=1.48, Plg=15, Azm=53; (N) Val=-0.26, Plg=26,
                                                                    Azm=315; (P) Val=-1.22, Plg=59, Azm=170; Best double
                                                                    couple: Mo=1.3*10**18 Nm; NP1: Strike=175, Dip=38,
                                                                    Slip=-43; NP2: Strike=302, Dip=65, Slip=-119.
                                                                   Centroid, Moment Tensor (HRV): Centroid origin time
                                                                    18:17:30.1; Lat 1.50 S; Lon 77.83 W; Dep 164.2; Half-
                                                                    duration 2.6 sec; Principal axes (scale 10**18 Nm): (T)
                                                                    Val=1.45, Plg=18, Azm=50; (N) Val=-0.21, Plg=21, Azm=313;
                                                                    (P) Val=-1.25, Plg=62, Azm=178; Best double couple:
                                                                    Mo=1.3*10**18 Nm; NP1: Strike=169, Dip=33, Slip=-49; NP2:
                                                                    Strike=304, Dip=66, Slip=-113.
                                                                   Scalar Moment (PPT): Mo=8.3*10**17 Nm.
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26	18	34	05.8&	45.800	N	5.900	E	2			5	FRANCE. <LDG>. ML 2.0 (LDG).
26	20	18	07.4*	1.411	N	125.768	E	33	N	3.4 0.8	10	NORTHERN MOLUCCA SEA
26	20	27	36.0%	36.407	N	43.574	E	33	N	0.9	6	IRAQ
26	22	47	18.1*	37.001	N	9.230	W	10	G	0.6	20	PORTUGAL. mbLg 2.3 (MDD).
26	23	08	44.2	37.663	N	2.195	W	10	G	1.0	33	SPAIN. mbLg 3.3 (MDD). ML 3.3 (LDG). Felt (II) at Chirivel and Santa Maria de Nieva.
26	23	10	09.9&	4.395	N	75.158	W	2			6	COLOMBIA. <RSNC>. ML 2.6 (RSNC).
26	23	14	10.2*	26.995	N	54.450	E	33	N	4.2 1.2	19	SOUTHERN IRAN
27	00	01	05.3*	27.964	N	55.231	E	33	N	4.6 1.2	13	SOUTHERN IRAN
27	00	14	54.9	51.589	N	16.197	E	5	G	0.5	21	POLAND. ML 3.4 (GRF), 3.2 (VIE).
27	00	35	39.7&	34.498	S	72.074	W	14			8	NEAR COAST OF CENTRAL CHILE. <GUC>.
27	00	39	09.0	54.748	N	159.712	W	33	N	4.3 0.9	72	SOUTH OF ALASKA. ML 4.3 (AEIC).
27	00	43	32.2&	36.980	N	4.010	W	5			5	STRAIT OF GIBRALTAR. <MDD>. mbLg 1.4 (MDD).
27	01	28	34.4*	53.965	N	160.408	E	57	?	4.2 0.9	16	NEAR EAST COAST OF KAMCHATKA
27	02	26	18.8&	39.250	N	20.640	E	10			5	GREECE-ALBANIA BORDER REGION. <ATH>. MD 3.0 (ATH).
27	02	54	25.5&	32.553	S	70.594	W	87			12	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.1 (GUC).
27	03	06	34.3*	17.803	S	176.098	E	33	N	4.7 1.1	22	FIJI ISLANDS REGION
27	03	25	32.2	35.102	N	141.167	E	59	*	4.7 0.8	53	NEAR EAST COAST OF HONSHU, JAPAN
27	03	34	24.8&	31.757	S	70.243	W	135			11	CHILE-ARGENTINA BORDER REGION. <GUC>.
27	04	17	34.4	5.425	S	153.793	E	89		5.3 1.0	92	NEW IRELAND REGION, P.N.G. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 04:17:36.0; Lat 5.28 S; Lon 153.79 E; Dep 89.0; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=1.09, Plg=42, Azm=109; (N) Val=0.21, Plg=7, Azm=13; (P) Val=-1.31, Plg=47, Azm=275; Best double couple: Mo=1.2*10**17 Nm; NP1: Strike=267, Dip=8, Slip=-16; NP2: Strike=12, Dip=88, Slip=-97.
27	04	43	28.4&	14.181	N	61.017	W	14			4	WINDWARD ISLANDS. <FDF>. MG 1.6 (FDF).
27	04	59	00.8*	15.144	N	60.272	W	33	N	0.7	13	LEEWARD ISLANDS. MD 3.0 (TRN), 2.6 (FDF).
27	05	54	15.8?	19.76	S	169.86	E	24	D	0.9	9	VANUATU ISLANDS
27	07	53	16.3&	34.071	S	70.061	W	6			9	CHILE-ARGENTINA BORDER REGION. <GUC>.
27	08	54	49.8&	7.335	N	80.627	W	0			7	PANAMA. <UPA>. MD 3.9 (UPA).
27	08	58	44.5&	37.140	N	4.150	W	0			10	SPAIN. <MDD>. mbLg 2.2 (MDD).
27	09	03	39.2*	38.645	N	144.576	E	33	N	0.8	10	OFF EAST COAST OF HONSHU, JAPAN
27	09	10	33.9&	33.189	S	70.743	W	75			10	CHILE-ARGENTINA BORDER REGION. <GUC>.
27	09	29	02.9*	45.589	N	12.780	E	33	N	0.6	9	NORTHERN ITALY. ML 3.0 (VIE).
27	09	50	11.5&	34.907	S	70.833	W	94			8	CHILE-ARGENTINA BORDER REGION. <GUC>.
27	09	54	21.3*	22.803	S	70.463	W	37	D	4.1 1.0	23	NEAR COAST OF NORTHERN CHILE
27	10	48	55.8&	45.200	N	6.700	E	2			4	FRANCE. <LDG>.
27	10	54	33.1	76.915	N	7.350	E	10	G	4.2 1.2	27	SVALBARD REGION
27	11	10	47.0&	58.380	N	153.128	W	57		2.9	61	KODIAK ISLAND REGION. <AEIC>. ML 3.0 (AEIC).
27	11	27	44.8*	18.042	N	60.210	W	33	N	1.5	11	LEEWARD ISLANDS. MD 3.9 (FDF).
27	12	23	21.2&	37.190	N	20.920	E	5			4	IONIAN SEA. <ATH>. MD 2.9 (ATH).
27	13	18	31.2&	33.202	S	71.283	W	55			12	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.3 (GUC).
27	13	49	53.5&	38.250	N	21.740	E	5			5	GREECE. <ATH>. MD 3.0 (ATH).
27	13	50	24.5*	68.163	N	161.310	W	10	G	3.1 1.3	8	NORTHERN ALASKA. ML 3.3 (PMR).
27	15	43	58.4&	31.689	S	71.590	W	39			12	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.4 (GUC).
27	16	37	24.1&	33.042	S	72.096	W	15			8	OFF COAST OF CENTRAL CHILE. <GUC>.
27	16	38	36.6&	6.787	N	82.483	W	35			7	SOUTH OF PANAMA. <UPA>. MD 3.8 (UPA).
27	16	52	56.4*	19.822	S	170.019	E	33	N	4.3 1.0	18	VANUATU ISLANDS
27	17	12	03.2&	38.850	N	21.560	E	5			8	GREECE. <ATH>. MD 3.2 (ATH).
27	18	14	32.8&	31.975	S	70.077	W	144			10	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.5 (GUC).
27	18	43	56.8&	41.066	N	124.099	W	21			4	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 2.8 (GM).
27	18	44	05.3*	5.691	S	131.263	E	53	?	1.1	8	BANDA SEA
27	18	45	06.7&	63.262	N	151.058	W	6			34	CENTRAL ALASKA. <AEIC>. ML 2.8 (AEIC), 3.1 (PMR).
27	19	25	55.7&	32.618	S	71.584	W	49			11	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.4 (GUC).
27	19	26	24.2&	36.850	N	2.940	W	3			15	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.3 (MDD). Felt (III) at Berja, Spain.
27	19	40	41.2*	32.373	N	59.144	E	33	N	4.3 0.9	21	NORTHERN IRAN. Felt at Birjand.
27	20	24	54.6&	34.472	S	70.188	W	1			14	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 4.1 (GUC).
27	20	27	15.6	38.571	N	19.883	E	33	N	1.3	45	IONIAN SEA. MD 3.8 (ATH), 3.5 (PDG).
27	20	42	18.3&	38.790	N	21.190	E	34			9	GREECE. <ATH>. MD 3.4 (ATH).
27	21	23	52.0&	33.181	S	70.293	W	1			8	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.2 (GUC).
27	21	53	55.7&	34.154	S	70.646	W	96			8	CHILE-ARGENTINA BORDER REGION. <GUC>.
27	22	12	45.8?	53.81	N	156.88	E	270	?	4.0 0.9	9	KAMCHATKA
27	23	04	57.1&	43.161	N	120.411	W	17			29	OREGON. <SEA-P>. MD 3.0 (SEA). ML 3.1 (GS). Felt at Christmas Valley.
27	23	28	41.0&	36.720	N	7.070	W	0			15	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.2 (MDD).
27	23	43	47.6&	39.250	N	20.550	E	35			7	GREECE-ALBANIA BORDER REGION. <ATH>. MD 2.9 (ATH).
27	23	50	43.6&	57.723	N	155.497	W	114			25	ALASKA PENINSULA. <AEIC>.
28	00	16	31.9&	34.473	S	70.211	W	2			12	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.2 (GUC).
28	00	38	42.5&	36.830	N	4.130	W	34			7	STRAIT OF GIBRALTAR. <MDD>.
28	00	51	53.8&	17.950	N	66.910	W	2			7	PUERTO RICO REGION. <MPR>. MD 2.8 (MPR).
28	01	02	47.4*	25.016	N	45.883	W	10	G	4.5 0.8	30	NORTHERN MID-ATLANTIC RIDGE
28	01	23	11.2*	41.892	N	143.936	E	33	N	4.4 1.2	19	HOKKAIDO, JAPAN REGION
28	03	07	23.5&	31.873	S	70.670	W	105			8	CHILE-ARGENTINA BORDER REGION. <GUC>.
28	04	02	23.2*	51.113	N	15.851	E	5	G	1.5	7	POLAND. ML 2.8 (VIE).
28	05	26	36.6*	6.054	S	146.963	E	10	G	0.6	7	EASTERN NEW GUINEA REG., P.N.G. ML 4.1 (PMG).
28	05	46	41.6%	8.656	N	82.784	W	10	G	0.7	9	PANAMA-COSTA RICA BORDER REGION. MD 3.9 (UPA).
28	06	04	07.0&	54.129	N	162.842	W	22			13	ALASKA PENINSULA. <AEIC>. ML 2.7 (AEIC).
28	06	34	55.0	35.221	S	106.511	W	10	G	5.2 4.5 0.8	84	SOUTHERN EAST PACIFIC RISE. Mw 5.3 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 06:34:55.9; Lat 35.74 S; Lon 106.18 W; Dep 15.0 Fix; Half-duration 1.1 sec; Principal axes (scale 10**17 Nm): (T Val=1.17, Plg=7, Azm=218; (N) Val=-0.34, Plg=80, Azm=31 (P) Val=-0.84, Plg=6, Azm=309; Best double couple: Mo=1.0*10**17 Nm; NP1: Strike=354, Dip=80, Slip=1; NP2: Strike=264, Dip=89, Slip=170.
28	06	43	40.4&	54.144	N	162.833	W	20			11	ALASKA PENINSULA. <AEIC>. ML 2.8 (AEIC).
28	07	00	14.8&	43.020	N	0.080	W	2			11	PYRENEES. <STR>. ML 2.5 (LDG), 2.4 (STR). Felt (III) at Lau-Balagnas, France.
28	07	57	53.7?	24.35	S	69.47	E	10	G	3.6 0.6	8	MID-INDIAN RIDGE
28	08	06	16.0&	43.171	N	120.382	W	24		4.0	93	OREGON. <SEA-P>. MD 3.8 (SEA). ML 4.3 (BRK). Felt at

													Christmas Valley and Paisley.
28	08	47	55.4	45.464	N	26.183	E	156		5.1	0.9	374	ROMANIA. Mw 5.4 (HRV). Felt at Bucharest, Cernavoda, Constanta and Galati. Felt (V) at Chisinau, Moldova. Also felt at Skopje, former Yugoslav Republic of Macedonia. Centroid, Moment Tensor (HRV): Centroid origin time 08:47:58.0; Lat 45.51 N; Lon 26.08 E; Dep 143.7; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=1.32, Plg=80, Azm=66; (N) Val=0.21, Plg=2, Azm=167; (P) Val=-1.53, Plg=9, Azm=258; Best double couple: Mo=1.4*10**17 Nm; NP1: Strike=350, Dip=36, Slip=93; NP2: Strike=166, Dip=54, Slip=88.
28	09	14	56.9	22.086	S	176.267	W	91	D	4.8	0.8	41	SOUTH OF FIJI ISLANDS
28	09	56	49.4&	34.474	S	70.148	W	8				8	CHILE-ARGENTINA BORDER REGION. <GUC>.
28	11	56	35.0&	43.168	N	120.391	W	24				36	OREGON. <SEA-P>. MD 3.0 (SEA). ML 3.3 (GS). Felt at Christmas Lake.
28	12	08	17.2	42.054	N	19.757	E	10	G		0.9	28	NORTHWESTERN BALKAN REGION. ML 3.3 (PDG), 3.2 (ROM).
28	12	34	51.1	43.173	N	120.432	W	20	G		0.3	6	OREGON. ML 2.6 (GS). MD 2.5 (SEA).
28	12	51	05.0*	56.981	S	26.857	W	100	G		1.1	9	SOUTH SANDWICH ISLANDS REGION
28	13	00	47.8	33.237	N	73.224	E	19		5.0	0.7	83	PAKISTAN. Felt at Islamabad and Rawalpindi.
28	13	12	39.5&	30.422	N	115.483	W	16				35	BAJA CALIFORNIA, MEXICO. <ECX>. MD 4.0 (ECX). Felt at El Rosario, San Quintin and Vicente Guerrero.
28	13	22	17.7&	18.390	N	68.980	W	124				4	MONA PASSAGE. <MPR>. MD 3.4 (MPR).
28	13	53	41.8&	62.986	N	150.922	W	117				42	CENTRAL ALASKA. <AEIC>.
28	14	22	16.6	51.612	N	16.166	E	5	G	3.9	0.7	36	POLAND. ML 4.2 (GRF), 3.7 (VIE).
28	15	01	02.0	45.250	N	150.592	E	33	N	4.9	1.0	74	KURIL ISLANDS
28	15	16	29.0&	8.368	N	82.818	W	0				8	PANAMA-COSTA RICA BORDER REGION. <UPA>. MD 4.1 (UPA).
28	15	41	15.7	13.978	N	92.288	W	33	N	4.9	1.0	52	OFF COAST OF CHIAPAS, MEXICO
28	16	23	47.6*	52.721	N	174.795	W	212	?	4.2	1.3	25	ANDREANOF ISLANDS, ALEUTIAN IS.
28	16	28	31.1*	37.482	N	17.752	W	10	G	4.3	1.2	22	NORTH ATLANTIC OCEAN
28	17	01	43.4*	16.359	S	69.392	W	205	*	4.2	1.0	14	PERU-BOLIVIA BORDER REGION
28	17	54	13.8&	39.880	N	19.700	E	5				8	GREECE-ALBANIA BORDER REGION. <ATH>. MD 3.1 (ATH).
28	18	11	43.6	27.808	N	53.536	E	33	N	4.7	0.7	88	SOUTHERN IRAN
28	18	18	18.8	27.969	N	53.562	E	77	?	4.5	1.0	39	SOUTHERN IRAN
28	18	19	17.4&	38.200	N	21.590	E	5				11	GREECE. <ATH>. ML 3.2 (ATH).
28	18	26	19.9?	12.72	S	165.85	E	33	N		0.9	8	SANTA CRUZ ISLANDS
28	18	51	10.4&	39.620	N	20.460	E	9				9	GREECE-ALBANIA BORDER REGION. <ATH>. MD 3.0 (ATH).
28	19	08	36.7&	30.298	N	115.535	W	7		4.5		63	BAJA CALIFORNIA, MEXICO. <ECX>. MD 4.3 (ECX). Felt at Camalu, El Rosario, San Felipe, San Quintin, San Vicente and Vicente Guerrero.
28	19	26	37.1?	59.40	S	27.11	W	33	N		0.6	7	SOUTH SANDWICH ISLANDS REGION
28	19	27	10.8*	59.465	S	27.123	W	33	N	5.0	1.1	21	SOUTH SANDWICH ISLANDS REGION
28	19	34	07.4&	30.250	N	115.614	W	3		4.4		48	BAJA CALIFORNIA, MEXICO. <ECX>. MD 4.1 (ECX). Felt at El Rosario, San Quintin and Vicente Guerrero.
28	19	42	47.9*	6.348	S	146.929	E	33	N		1.1	8	EASTERN NEW GUINEA REG., P.N.G. ML 3.9 (PMG).
28	20	25	50.7&	43.160	N	1.100	W	3				4	PYRENEES. <STR>. ML 2.1 (STR), 1.9 (LDG).
28	20	26	54.0	5.700	S	147.697	E	136		4.7	0.6	21	EASTERN NEW GUINEA REG., P.N.G.
28	21	21	41.6&	18.980	N	66.920	W	33	N			10	PUERTO RICO REGION. <MPR>. MD 3.6 (MPR).
28	22	10	05.5	53.582	N	163.503	W	33	N	5.0 4.3	0.9	153	UNIMAK ISLAND REGION. Mw 5.3 (HRV). ML 4.7 (PMR), 4.2 (AEIC). Centroid, Moment Tensor (HRV): Centroid origin time 22:10:06.2; Lat 53.42 N; Lon 163.43 W; Dep 51.2; Half-duration 1.1 sec; Principal axes (scale 10**16 Nm): (T) Val=9.01, Plg=36, Azm=45; (N) Val=-0.48, Plg=48, Azm=262; (P) Val=-8.53, Plg=19, Azm=149; Best double couple: Mo=8.8*10**16 Nm; NP1: Strike=193, Dip=50, Slip=14; NP2: Strike=94, Dip=79, Slip=139.
28	23	23	50.1	20.476	S	68.660	W	132		4.7	1.0	43	CHILE-BOLIVIA BORDER REGION
29	00	32	06.2&	33.882	S	72.114	W	11				12	OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.4 (GUC).
29	00	48	16.5	51.695	N	16.126	E	5	G		0.7	15	POLAND. ML 3.7 (GRF), 3.4 (VIE).
29	02	58	37.8&	38.950	N	21.170	E	5				7	GREECE. <ATH>. MD 2.8 (ATH).
29	03	45	11.5&	38.280	S	175.900	E	179				11	NORTH ISLAND, NEW ZEALAND. <WEL>.
29	03	47	59.9&	34.887	S	70.848	W	120				8	CHILE-ARGENTINA BORDER REGION. <GUC>.
29	04	41	06.0&	60.325	N	141.550	W	0				29	SOUTHEASTERN ALASKA. <AEIC>. ML 2.9 (AEIC), 2.9 (PGC).
29	04	51	56.9	34.699	S	179.919	E	33	N	4.8	1.1	31	SOUTH OF KERMADEC ISLANDS
29	05	01	27.4*	42.614	N	16.915	E	10	G		1.1	14	ADRIATIC SEA. MD 2.7 (PDG).
29	05	06	11.0&	63.433	N	151.283	W	14				47	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC), 2.8 (PMR).
29	05	17	32.5?	30.70	S	68.87	W	94	?		1.0	13	SAN JUAN PROVINCE, ARGENTINA. MD 3.3 (GUC).
29	05	27	55.2*	41.624	N	90.823	E	33	N	4.3	1.3	18	SOUTHERN XINJIANG, CHINA
29	06	27	15.3&	34.198	N	119.073	W	15				25	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS). Felt at Camarillo and Ventura.
29	07	12	30.9&	6.820	N	82.350	W	10	G			8	SOUTH OF PANAMA. <UPA>. MD 4.3 (UPA).
29	07	20	04.4*	1.602	S	133.828	E	33	N	4.1	1.2	13	IRIAN JAYA REGION, INDONESIA
29	07	46	08.6	28.867	N	131.148	E	33	N	5.8 5.5	1.0	330	SOUTHEAST OF RYUKYU ISLANDS. Mw 5.9 (GS), 5.9 (HRV). Me 5.7 (GS). Felt (III JMA) on Amami-O-shima, (II JMA) on Kikai-jima and (I JMA) on Nakano-shima and Tanega-shima. Also felt (I JMA) in southern Kyushu. Broadband Source Parameters (GS): Dep 18; NP1: Strike=200, Dip=75, Slip=-70; NP2: Strike=325, Dip=25, Slip=-142; Radiated energy 8.6*10**12 Nm. Moment Tensor (GS): Dep 20; Principal axes (scale 10**17 Nm): (T) Val=7.33, Plg=37, Azm=277; (N) Val=-0.44, Plg=3, Azm=9; (P) Val=-6.89, Plg=53, Azm=103; Best double couple: Mo=7.1*10**17 Nm; NP1: Strike=348, Dip=8, Slip=-111; NP2: Strike=189, Dip=82, Slip=-87. Centroid, Moment Tensor (HRV): Centroid origin time 07:46:11.5; Lat 28.92 N; Lon 131.10 E; Dep 26.9; Half-duration 2.5 sec; Principal axes (scale 10**18 Nm): (T) Val=0.75, Plg=19, Azm=280; (N) Val=0.27, Plg=10, Azm=13; (P) Val=-1.02, Plg=68, Azm=130; Best double couple: Mo=8.9*10**17 Nm; NP1: Strike=353, Dip=27, Slip=-112; NP2: Strike=198, Dip=65, Slip=-79. Scalar Moment (PPT): Mo=1.3*10**18 Nm.
29	09	03	29.7?	27.43	N	141.11	E	90	?	4.5	1.3	13	BONIN ISLANDS REGION
29	09	10	09.5*	6.523	S	81.348	W	33	N	4.5	1.0	15	NEAR COAST OF NORTHERN PERU

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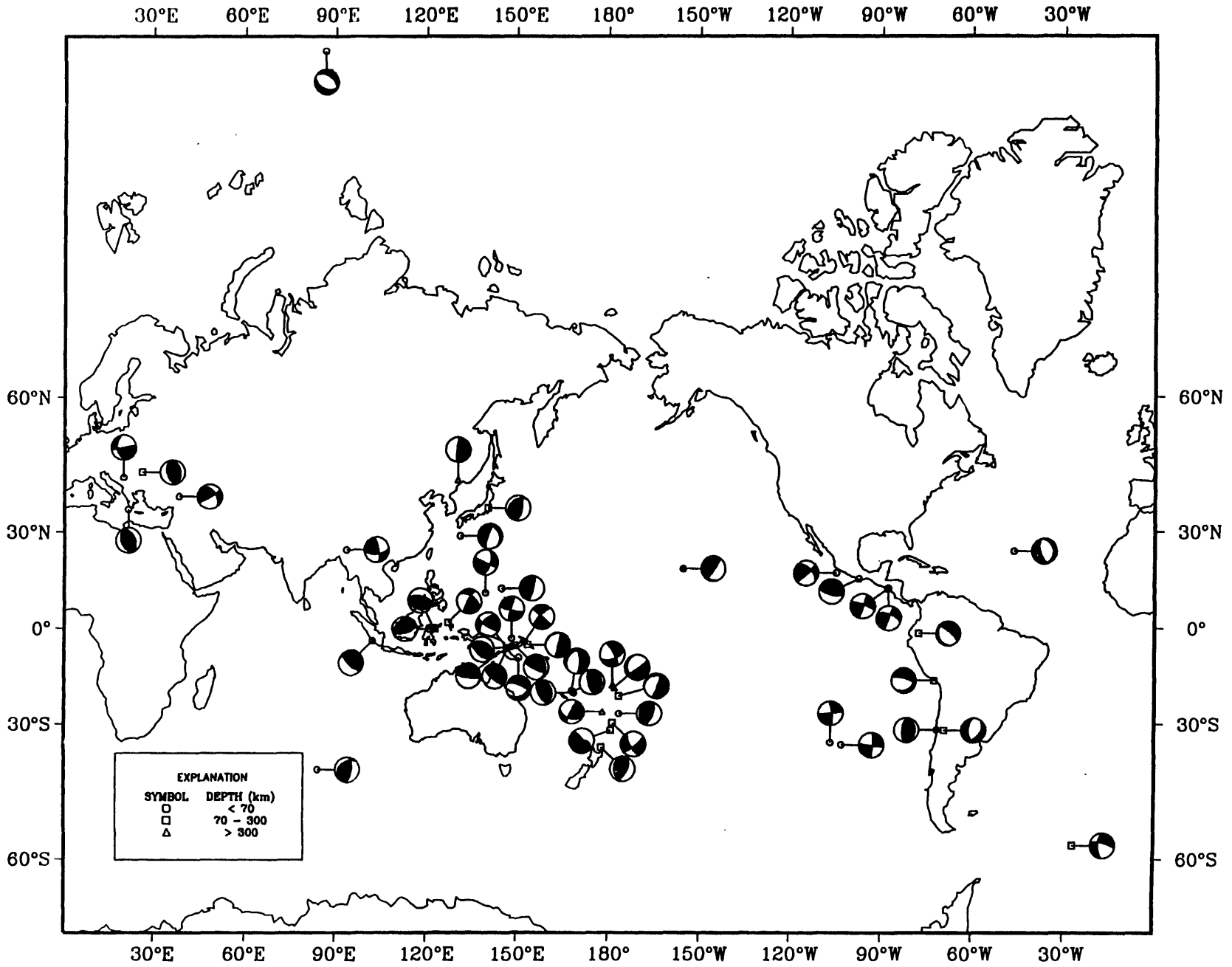
29  09 30 07.1*  8.497 S  111.833 E   33 N  4.0        1.1   12  JAWA, INDONESIA
29  09 49 43.8* 12.367 N  144.148 E   33 N  4.4        1.3   17  SOUTH OF MARIANA ISLANDS
29  10 29 20.7  37.384 N   20.227 E   33 N  4.3        1.2   93  IONIAN SEA. MD 4.4 (ATH), 4.4 (PDG). ML 4.3 (THE).
29  10 40 35.5* 51.525 N  174.835 W   33 N  3.9        1.1   14  ANDREANOF ISLANDS, ALEUTIAN IS.
29  11 02 33.5  28.870 N  131.163 E   33 N  4.9 4.4    1.3   68  SOUTHEAST OF RYUKYU ISLANDS
29  11 05 20.4& 39.050 N   22.400 E    5                       5  GREECE. <ATH>. MD 3.0 (ATH).
29  11 13 59.5* 31.563 S   69.529 W  131 ?             0.9   15  SAN JUAN PROVINCE, ARGENTINA. MD 3.5 (GUC).
29  11 17 56.3& 44.565 N    7.223 E   13                       8  NORTHERN ITALY. <GEN>. ML 2.1 (GEN).
29  11 56 07.0  28.864 N  131.260 E   33 N  4.4        1.2   31  SOUTHEAST OF RYUKYU ISLANDS
29  12 09 15.4?  5.17  S  102.99  E   33 N  4.5        0.8   11  SOUTHERN SUMATERA, INDONESIA
29  12 16 12.6? 35.94  N  141.45  E   33 N              1.4    5  NEAR EAST COAST OF HONSHU, JAPAN
29  12 22 10.7* 33.960 S   68.380 W   10 G              1.3   14  MENDOZA PROVINCE, ARGENTINA. MD 4.0 (GUC).
29  12 22 39.3& 53.622 N  165.412 W   54                       9  FOX ISLANDS, ALEUTIAN ISLANDS. <AEIC>. ML 2.9 (AEIC).
29  13 41 37.0? 13.65  N   90.37  W   33 N  4.0        1.2   12  NEAR COAST OF GUATEMALA
29  13 51 31.7*  8.358 S  120.621 E  207 *  4.4        1.3   20  FLORES REGION, INDONESIA
29  13 55 41.4* 26.621 S  114.466 W   10 G  4.8 4.6    0.9   41  EASTER ISLAND REGION
29  14 02 59.9*  6.850 N   82.255 W   33 N  4.6        1.2   28  SOUTH OF PANAMA. MD 4.4 (UPA).
29  14 06 29.5& 32.614 S   71.793 W   26                      12  NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.4 (GUC).
29  14 07 38.0  28.900 N  131.123 E   33 N  4.5 4.5    1.2   34  SOUTHEAST OF RYUKYU ISLANDS
29  14 17 25.0?  5.91  S  130.40  E   90 ?  3.9        1.0   10  BANDA SEA
29  14 21 54.2& 44.412 N    7.273 E   11                       6  NORTHERN ITALY. <GEN>. ML 1.9 (GEN).
29  14 36 50.6? 12.12  N  143.80  E   33 N              1.4    7  SOUTH OF MARIANA ISLANDS
29  14 40 35.5& 33.742 S   71.859 W   34                      13  NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.5 (GUC).
29  14 42 53.7& 34.022 S   70.076 W    8                       8  CHILE-ARGENTINA BORDER REGION. <GUC>.
29  14 57 23.4* 17.930 N   40.127 E   10 G  4.5        0.9   19  RED SEA
29  15 01 18.6  26.611 S  114.396 W   10 G  5.1 4.8    0.9   75  EASTER ISLAND REGION. Mw 5.3 (HRV).
                                                               Centroid, Moment Tensor (HRV): Centroid origin time
                                                                15:01:22.4; Lat 27.25 S; Lon 114.36 W; Dep 15.0 Fix; Half-
                                                                duration 1.1 sec; Principal axes (scale 10**16 Nm): (T)
                                                                Val=8.97, Plg=13, Azm=39; (N) Val=0.83, Plg=5, Azm=131; (P)
                                                                Val=-9.81, Plg=76, Azm=242; Best double couple:
                                                                Mo=9.4*10**16 Nm; NP1: Strike=123, Dip=32, Slip=-100; NP2:
                                                                Strike=314, Dip=58, Slip=-84.
29  16 27 23.3  28.897 N  131.160 E   33 N  4.7 4.5    1.3   58  SOUTHEAST OF RYUKYU ISLANDS
29  16 31 29.7& 10.236 N   60.277 W   10                      10  TRINIDAD. <TRN>. MD 3.5 (TRN).
29  17 03 02.6& 44.572 N    7.180 E   12                       9  NORTHERN ITALY. <GEN>. ML 2.3 (GEN).
29  17 15 20.8* 15.224 N   91.541 W  232 ?  4.2        0.9   16  MEXICO-GUATEMALA BORDER REGION
29  17 33 10.2& 32.697 S   70.094 W  105                      11  CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.6 (GUC).
29  17 54 32.7? 18.03  N   39.92  E   10 G  4.5        1.6   44  RED SEA
29  18 26 37.7  35.781 S  102.900 W   10 G  5.1 5.2    1.1   78  SOUTHERN PACIFIC OCEAN. Mw 5.8 (HRV).
                                                               Centroid, Moment Tensor (HRV): Centroid origin time
                                                                18:26:42.6; Lat 35.87 S; Lon 103.05 W; Dep 15.0 Fix; Half-
                                                                duration 2.1 sec; Principal axes (scale 10**17 Nm): (T)
                                                                Val=6.61, Plg=3, Azm=231; (N) Val=-0.38, Plg=80, Azm=127;
                                                                (P) Val=-6.23, Plg=10, Azm=322; Best double couple:
                                                                Mo=6.4*10**17 Nm; NP1: Strike=6, Dip=81, Slip=-5; NP2:
                                                                Strike=97, Dip=85, Slip=-171.
29  18 44 12.7  45.660 N   26.398 E  154    4.0        1.2   38  ROMANIA
29  18 57 56.8  31.636 N   59.704 E   33 N  4.4        0.8   26  NORTHERN IRAN. Felt at Birjand.
29  19 04 29.6& 58.155 N  143.217 W   10 G                    45  GULF OF ALASKA. <AEIC>. ML 3.4 (AEIC), 3.3 (PGC).
29  19 51 16.9& 34.831 S   70.909 W  106                       8  CHILE-ARGENTINA BORDER REGION. <GUC>.
29  19 54 35.5  28.893 N  131.163 E   33 N  4.7 4.6    1.1   53  SOUTHEAST OF RYUKYU ISLANDS
29  20 12 35.6* 51.466 N   16.057 E    5 G              0.7    8  POLAND. ML 3.0 (VIE), 2.4 (CLL).
29  20 27 14.6? 20.52  S  167.84  E   33 N  4.4        1.5   10  LOYALTY ISLANDS
29  20 29 54.0* 33.695 N  132.383 E   61 ?              1.1    6  SHIKOKU, JAPAN. Felt (I JMA) in western Ehime Prefecture.
                                                                Also felt (I JMA) in eastern Yamaguchi Prefecture, Honshu.
29  20 36 26.7*  5.488 S  146.816 E  154    4.2        0.9   15  EASTERN NEW GUINEA REG., P.N.G.
29  21 09 45.5& 48.176 N  121.319 W    2                      54  WASHINGTON. <SEA-P>. MD 2.6 (SEA). ML 2.5 (PGC).
29  21 44 24.9& 32.378 S   71.363 W   34                      11  NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.4 (GUC).
29  22 14 07.4& 42.620 N    0.750 E    2 G                   10  PYRENEES. <STR>. ML 2.3 (STR), 2.0 (LDG).
29  23 00 53.8& 43.946 N    7.608 E   11                      12  NEAR SOUTH COAST OF FRANCE. <GEN>. ML 2.0 (GEN), 1.6 (LDG).
29  23 25 15.0& 44.569 N    6.941 E    5                      19  FRANCE. <GEN>. ML 2.4 (GEN), 1.7 (LDG).
29  23 42 51.3& 62.605 N  149.006 W   58                      38  CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC).
29  23 47 39.0& 59.778 N  152.950 W  105                      78  SOUTHERN ALASKA. <AEIC>.
30  00 36 58.2*  7.192 S  128.958 E  160 ?  4.3        1.1   12  BANDA SEA
30  00 51 34.1& 55.070 N    7.370 W    9                       5  UNITED KINGDOM. <BGS>. ML 1.7 (BGS). Felt (III) in the
                                                                epicentral area.
30  01 37 23.3?  7.19  N   72.76  W  125 ?  4.1        1.4    8  NORTHERN COLOMBIA
30  01 47 07.5& 35.797 N   32.058 E   15                       6  CYPRUS REGION. <CSS>. ML 3.3 (CSS).
30  01 48 08.4?  2.20  N  126.87  E   33 N  4.5        0.7    8  NORTHERN MOLUCCA SEA
30  01 49 53.3* 37.722 N  142.066 E   82 ?              0.7   15  OFF EAST COAST OF HONSHU, JAPAN. Felt (I JMA) in eastern
                                                                Fukushima Prefecture.
30  02 20 08.3?  6.22  N  127.07  E  200 G  4.1        1.5   11  PHILIPPINE ISLANDS REGION
30  02 30 40.8& 31.708 S   69.760 W  144                      10  SAN JUAN PROVINCE, ARGENTINA. <GUC>.
30  03 30 38.8  44.181 N   20.071 E   14    5.0 4.8    0.9  209  NORTHWESTERN BALKAN REGION. Mw 5.4 (HRV). MD 5.3 (PDG). ML
                                                                5.1 (VIE). Felt at Belgrade and Novi Sad, Yugoslavia. Also
                                                                felt in Montenegro.
                                                               Centroid, Moment Tensor (HRV): Centroid origin time
                                                                03:30:46.7; Lat 43.75 N; Lon 20.20 E; Dep 15.0 Fix; Half-
                                                                duration 1.0 sec; Principal axes (scale 10**17 Nm): (T)
                                                                Val=1.32, Plg=28, Azm=135; (N) Val=0.25, Plg=48, Azm=261;
                                                                (P) Val=-1.57, Plg=28, Azm=28; Best double couple:
                                                                Mo=1.4*10**17 Nm; NP1: Strike=171, Dip=48, Slip=-180; NP2:
                                                                Strike=81, Dip=90, Slip=-42.
30  03 39 33.1* 25.409 N   94.134 E   33 N  4.3        1.2   12  MYANMAR-INDIA BORDER REGION
30  03 53 08.1? 13.77  N  145.05  E  136 *              1.4   12  MARIANA ISLANDS
30  04 03 10.5* 37.633 N  142.415 E   33 N              1.2    9  OFF EAST COAST OF HONSHU, JAPAN
30  04 20 02.5  27.837 N   53.538 E   36    4.9 4.8    0.9  208  SOUTHERN IRAN. Mw 5.2 (HRV). Several older buildings damaged
                                                                at Khonj. Felt at Jahrom.
                                                               Centroid, Moment Tensor (HRV): Centroid origin time
                                                                04:20:12.5; Lat 27.74 N; Lon 52.96 E; Dep 44.9; Half-
                                                                duration 1.0 sec; Principal axes (scale 10**16 Nm): (T)
                                                                Val=6.25, Plg=56, Azm=293; (N) Val=-0.57, Plg=34, Azm=110;
```

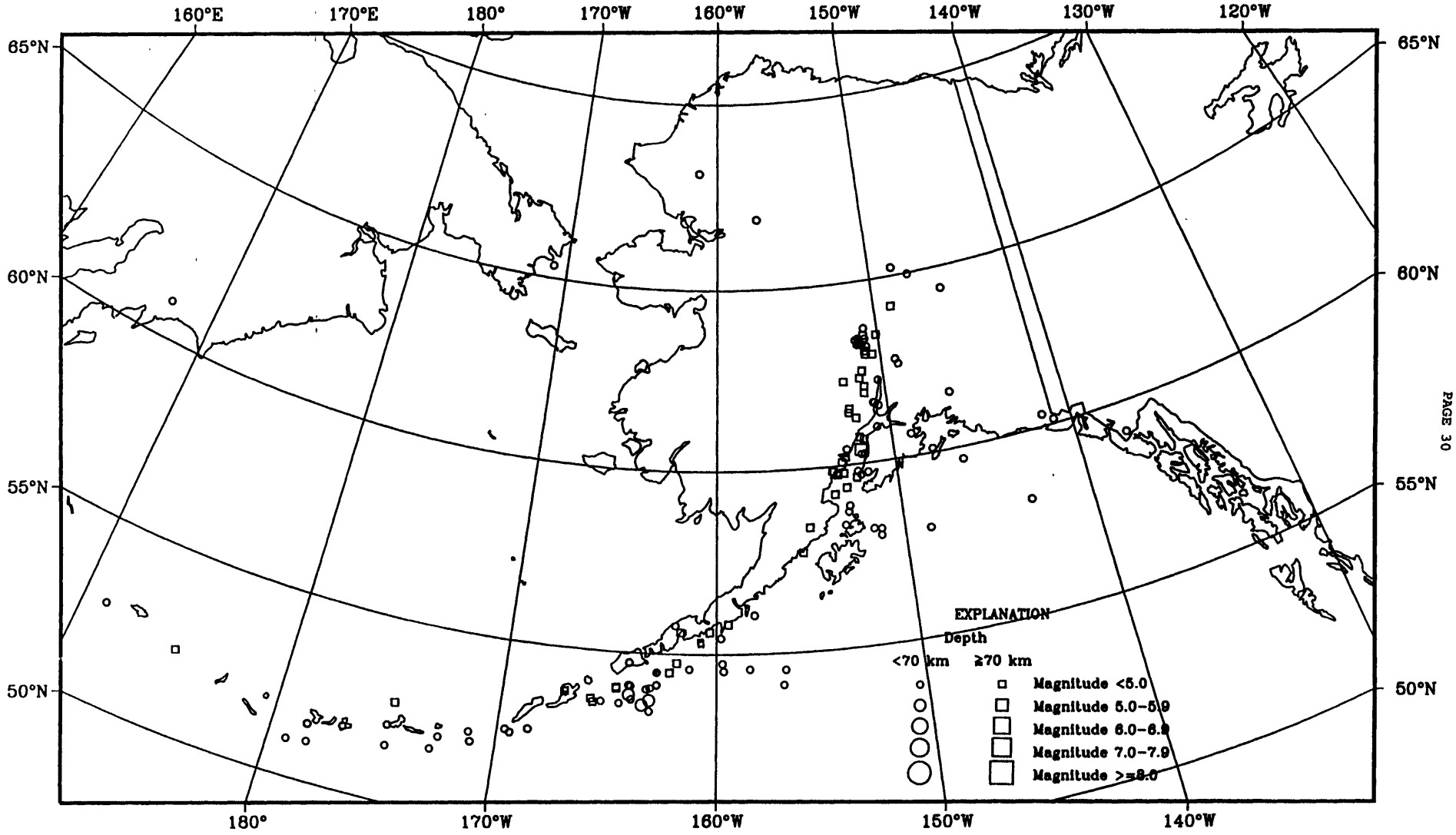
										(P) Val=-5.69, Plg=1, Azm=201; Best double couple: Mo=6.0*10**16 Nm; NP1: Strike=321, Dip=53, Slip=134; NP2: Strike=82, Dip=55, Slip=47.
VCYJ	30	04 22 24.1&	18.060 N	66.850 W	1				5	PUERTO RICO REGION. <MPR>. MD 2.1 (MPR).
VDFT	30	04 42 24.4*	35.703 N	141.745 E	33 N	4.0		1.5	14	NEAR EAST COAST OF HONSHU, JAPAN
VCQC	30	05 11 08.5	28.855 N	131.177 E	33 N	5.0	5.3	1.3	86	SOUTHEAST OF RYUKYU ISLANDS. Mw 5.2 (HRV).
										Centroid, Moment Tensor (HRV): Centroid origin time 05:11:08.0; Lat 28.83 N; Lon 131.37 E; Dep 27.2; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=7.01, Plg=29, Azm=270; (N) Val=0.87, Plg=12, Azm=173; (P) Val=-7.88, Plg=58, Azm=64; Best double couple: Mo=7.4*10**16 Nm; NP1: Strike=30, Dip=19, Slip=-51; NP2: Strike=170, Dip=75, Slip=-102.
VCQE	30	05 27 57.4*	20.031 S	168.208 E	14	4.3		0.9	19	LOYALTY ISLANDS
VCVD	30	05 36 35.2&	61.541 N	152.261 W	134				41	SOUTHERN ALASKA. <AEIC>.
VCQF	30	05 44 40.1*	24.791 N	122.039 E	72 *	3.7		1.0	12	TAIWAN REGION. Felt (III JMA) in the epicentral area, (II JMA) at I-lan and (I JMA) at Hua-lien. Felt in many parts of northern Taiwan.
VDFV	30	06 28 35.5	37.531 N	71.928 E	124 *	4.4		0.8	42	AFGHANISTAN-TAJIKISTAN BORD REG.
VCPW	30	07 00 41.2	6.848 N	73.052 W	162 D	4.3		1.1	61	NORTHERN COLOMBIA
VDFX	30	07 23 55.7?	14.99 S	175.10 W	33 N			1.0	10	SAMOA ISLANDS REGION
VDFY	30	07 34 02.6?	26.72 S	114.91 W	10 G	3.9		0.7	7	EASTER ISLAND REGION
VCPY	30	07 41 01.9	44.192 N	20.103 E	10 G	4.2		0.7	91	NORTHWESTERN BALKAN REGION. ML 4.6 (TRI), 4.4 (VIE), 4.2 (ROM). MD 4.3 (PDG).
VCPZ	30	07 51 37.9	12.996 N	145.216 E	33 N	4.8		0.9	37	SOUTH OF MARIANA ISLANDS
VCQG	30	09 00 32.8	39.769 N	9.014 W	10 G	3.6		0.9	53	PORTUGAL. mbLg 3.8 (MDD). Felt (III) at Caceres, Don Benito and Valencia de Alcantara, Spain.
VKLR	30	09 17 25.5?	46.33 N	16.10 E	5 G			0.5	5	NORTHWESTERN BALKAN REGION. ML 1.2 (LJU).
VDGE	30	09 28 19.9?	2.40 S	67.84 E	10 G			0.4	6	CARLSBERG RIDGE
VDGF	30	09 35 12.8*	39.646 N	141.675 E	112 ?			0.9	14	EASTERN HONSHU, JAPAN. Felt (I JMA) in Iwate Prefecture.
VKND	30	10 09 50.3&	33.015 N	115.582 W	9				8	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
VCVX	30	11 37 14.7&	34.585 S	70.981 W	77				13	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.5 (GUC).
VKJM	30	13 10 27.1&	14.988 N	60.446 W	32				4	WINDWARD ISLANDS. <FDF>. MD 2.5 (FDF).
VCVY	30	13 14 28.7&	34.101 S	70.127 W	7				14	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.8 (GUC).
	WWW Previous event is close.									
VCVZ	30	13 15 38.8&	34.104 S	70.111 W	5				10	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.5 (GUC).
VCYK	30	13 23 52.3&	18.150 N	66.090 W	13				7	PUERTO RICO REGION. <MPR>. MD 2.5 (MPR).
VCVG	30	13 53 35.7&	58.733 N	152.886 W	59				42	KODIAK ISLAND REGION. <AEIC>. ML 3.0 (AEIC).
VDGK	30	13 55 19.0?	19.57 S	175.79 W	250 G	4.4		1.2	14	TONGA ISLANDS
VKHT	30	13 57 33.0&	39.240 N	21.840 E	5				5	GREECE. <ATH>. MD 3.0 (ATH).
VCWA	30	14 20 25.4&	34.085 S	70.096 W	6				9	CHILE-ARGENTINA BORDER REGION. <GUC>.
VDGN	30	14 54 22.0	35.968 N	45.653 E	33 N	4.6		0.9	42	IRAN-IRAQ BORDER REGION. Forty-one houses damaged at Baneh, Iran.
VDGP	30	15 08 33.0*	35.766 N	45.526 E	33 N	4.4		0.8	27	IRAN-IRAQ BORDER REGION
VCWB	30	15 58 29.8&	31.800 S	69.681 W	140				12	SAN JUAN PROVINCE, ARGENTINA. <GUC>.
VCQA	30	16 35 35.9	53.846 N	164.125 W	52	4.9		0.8	103	UNIMAK ISLAND REGION. Mw 5.0 (HRV). ML 4.4 (PMR). Felt strongly at False Pass.
										Centroid, Moment Tensor (HRV): Centroid origin time 16:35:34.5; Lat 53.48 N; Lon 164.11 W; Dep 52.4 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=3.39, Plg=8, Azm=50; (N) Val=0.43, Plg=77, Azm=178; (P) Val=-3.83, Plg=10, Azm=319; Best double couple: Mo=3.6*10**16 Nm; NP1: Strike=95, Dip=77, Slip=-179; NP2: Strike=4, Dip=89, Slip=-13.
VDDM	30	16 42 09.2&	44.420 N	7.423 E	15				6	NORTHERN ITALY. <GEN>. ML 1.8 (GEN).
VCVF	30	16 44 14.3*	53.720 N	164.008 W	33 N			1.0	13	UNIMAK ISLAND REGION. ML 3.3 (AEIC).
VCWC	30	16 47 16.1&	35.304 S	71.047 W	106				12	CENTRAL CHILE. <GUC>. MD 3.3 (GUC).
VCWK	30	16 56 55.3&	61.270 N	151.937 W	100				53	SOUTHERN ALASKA. <AEIC>.
VCWD	30	17 15 35.4&	33.418 S	71.064 W	68				11	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 2.5 (GUC).
VCWE	30	17 35 28.3&	35.299 S	71.686 W	60				12	CENTRAL CHILE. <GUC>. MD 3.4 (GUC).
VCWF	30	18 30 59.8&	33.591 S	71.048 W	65				9	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 2.7 (GUC).
VDGR	30	18 42 49.2*	6.832 S	105.592 E	33 N	4.4		1.3	13	SUNDA STRAIT
	WWW Other magnitude and GS Ms differ by more than 0.5									
VCQB	30	18 52 04.9	6.657 N	82.359 W	10 G	4.4	4.1	1.1	34	SOUTH OF PANAMA. MD 4.7 (CASC), 4.5 (UPA).
	WWW Other magnitude and GS Ms differ by more than 0.5									
VCQD	30	19 28 48.9	31.646 S	71.681 W	52	5.1	5.0	1.1	103	NEAR COAST OF CENTRAL CHILE. Mw 5.6 (HRV). MD 5.0 (GUC). Felt (V) at Canela; (IV) in the La Serena-Quintero area and at Valparaiso and Vina del Mar; (III) in the Concon-San Felipe-Santiago area and at Copiapo; (II) at Casablanca, Guardia Vieja and Rancagua.
										Centroid, Moment Tensor (HRV): Centroid origin time 19:28:50.3; Lat 31.90 S; Lon 72.27 W; Dep 32.1; Half-duration 1.4 sec; Principal axes (scale 10**17 Nm): (T) Val=2.18, Plg=73, Azm=107; (N) Val=0.53, Plg=4, Azm=3; (P) Val=-2.70, Plg=16, Azm=272; Best double couple: Mo=2.4*10**17 Nm; NP1: Strike=355, Dip=29, Slip=81; NP2: Strike=185, Dip=61, Slip=95.
VDGT	30	19 38 06.1?	29.00 N	131.49 E	33 N	3.7		1.4	9	SOUTHEAST OF RYUKYU ISLANDS
VCWJ	30	20 16 31.7&	63.396 N	151.447 W	9				45	CENTRAL ALASKA. <AEIC>. ML 3.3 (AEIC), 3.4 (PMR).
VDGU	30	20 19 02.9*	24.330 N	125.000 E	33 N	4.1		0.9	12	SOUTHWESTERN RYUKYU ISLANDS
VCYN	30	20 20 13.5&	31.714 S	71.710 W	26				11	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.2 (GUC).
	WWW Zone is nearly aseismic! (16.4 YEARS per event)									
VDGV	30	20 30 13.1?	48.69 S	120.86 E	10 G	4.0		1.5	8	SOUTH OF AUSTRALIA
VCYP	30	20 39 53.6&	31.692 S	71.765 W	32				7	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.6 (GUC).
VCXM	30	20 59 08.9&	44.045 N	8.077 E	7				80	NORTHERN ITALY. <GEN>. ML 3.7 (GEN), 3.4 (STR), 3.4 (LDG).
VDGX	30	21 10 42.7?	20.14 S	176.36 W	250 G	4.0		1.5	10	FIJI ISLANDS REGION
VDKX	30	21 34 22.4&	63.506 N	150.910 W	78				31	CENTRAL ALASKA. <AEIC>.
VDGY	30	21 46 16.3&	36.874 N	71.716 E	262 *			0.8	11	AFGHANISTAN-TAJIKISTAN BORD REG.
VCYE	30	22 03 25.1	44.212 N	20.138 E	10 G			0.8	15	NORTHWESTERN BALKAN REGION. MD 2.7 (PDG).
VKMV	30	22 32 06.7&	45.469 N	26.206 E	120 G			0.5	7	ROMANIA
VDHA	30	22 40 12.4*	18.441 S	168.615 E	139	4.3		1.0	11	VANUATU ISLANDS
VDHD	30	23 23 24.8	25.608 N	100.280 E	42 *	4.5		0.8	50	YUNNAN, CHINA
VDCY	30	23 32 21.9&	53.806 N	167.145 W	98				10	FOX ISLANDS, ALEUTIAN ISLANDS. <AEIC>.
VKJN	30	23 53 48.2&	14.937 N	60.496 W	34				4	WINDWARD ISLANDS. <FDF>. MD 2.3 (FDF).

Compiled by John J. Bellini, Pamela J. Benfield, Don L. Blakeman, Charles G. Bufe, George L. Choy, Stuart K. Koyanagi, Brian C. Lassige, Alena L. Leeds, John H. Minsch, Waverly J. Person, Bruce W. Presgrave, Stuart A. Sipkin, William K. Smith, Trina F. Vithayathil and Madeleine D. Zirbes.

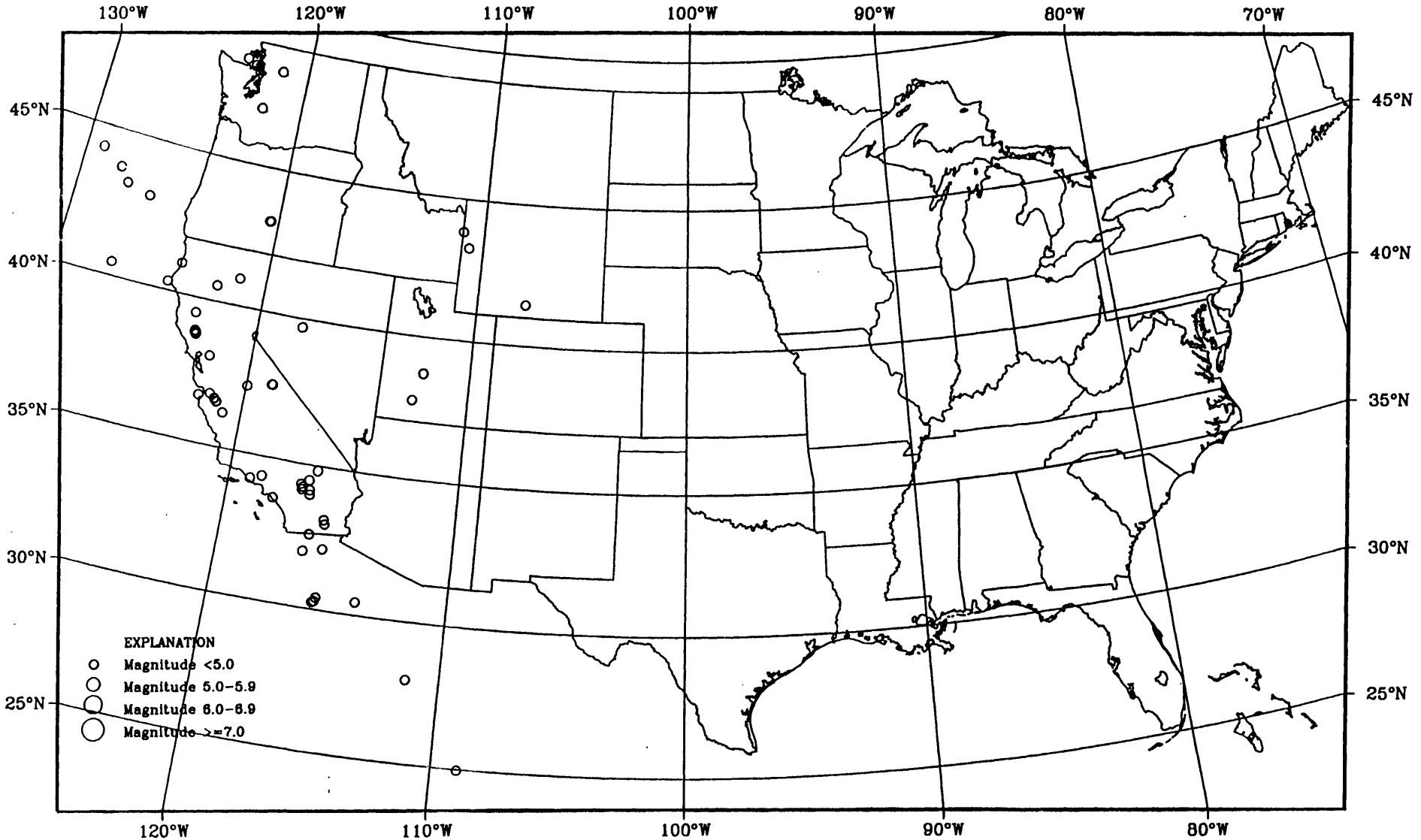
Earthquake Focal Mechanisms for April 1999



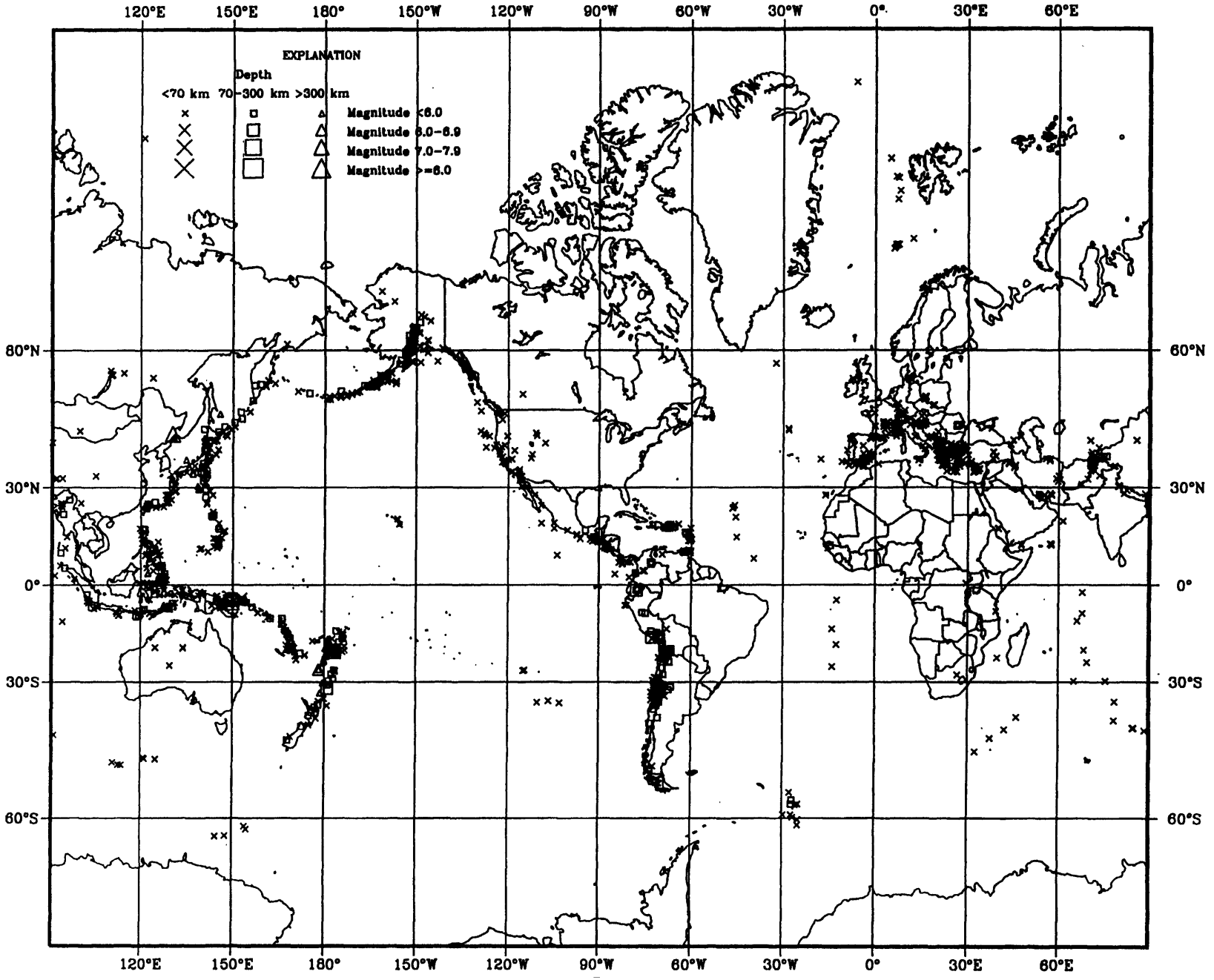
Earthquake epicenters in Alaska and adjacent regions for April 1999



Earthquake epicenters in the conterminous United States and adjacent regions for April 1999



Earthquakes located worldwide in April 1999



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 1999

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	09	01.7&	37.243	N	27.859	E	10	G				4	TURKEY. <ISK>. MD 3.1 (ISK).
01	00	17	53.9&	37.161	N	27.792	E	10	G				4	TURKEY. <ISK>. MD 2.8 (ISK).
01	00	33	42.3&	37.311	N	27.941	E	10	G				4	TURKEY. <ISK>. MD 2.9 (ISK).
01	00	36	19.8*	31.171	N	133.006	E	63	*	3.9		1.3	9	SOUTHEAST OF SHIKOKU, JAPAN
01	00	49	43.3&	38.050	N	22.560	E	5					9	GREECE. <ATH>. MD 3.1 (ATH).
01	00	53	35.2&	33.037	S	70.299	W	100					10	CHILE-ARGENTINA BORDER REGION. <GUC>.
01	01	21	31.6&	61.541	N	141.201	W	0					51	SOUTHERN ALASKA. <AEIC>. ML 3.7 (AEIC), 3.8 (PGC), 3.5 (PMR).
01	02	16	40.0?	36.31	N	71.08	E	145	?	3.4		1.3	9	AFGHANISTAN-TAJIKISTAN BORD REG.
01	02	21	02.4&	43.130	N	0.430	W	2	G				10	PYRENEES. <STR>. ML 2.3 (STR), 2.1 (LDG).
01	02	23	49.4	32.882	S	179.374	E	361		4.6		0.9	52	SOUTH OF KERMADEC ISLANDS
01	03	03	22.0*	28.282	N	129.336	E	49	*			1.0	8	RYUKYU ISLANDS
01	03	25	23.1&	61.080	N	151.346	W	73					45	SOUTHERN ALASKA. <AEIC>.
01	03	44	37.1&	18.060	N	66.740	W	7					5	PUERTO RICO REGION. <MPR>. MD 2.5 (MPR).
01	03	58	12.0&	49.160	N	6.880	E	1					9	GERMANY. <FBB>. ML 1.7 (FBB), 1.6 (UCC). Mining induced event in the Lorraine region, France.
01	04	02	39.1	18.829	N	145.788	E	163	D	4.2		1.3	42	MARIANA ISLANDS
01	04	22	32.3&	34.387	S	70.608	W	105					12	CHILE-ARGENTINA BORDER REGION. <GUC>.
01	04	37	01.1&	32.620	S	71.669	W	15					13	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.4 (GUC).
01	04	45	53.7?	0.78	N	123.90	E	234	?	4.4		0.8	9	MINAHASSA PENINSULA, SULAWESI
01	05	25	19.9	44.044	N	9.856	E	10	G			0.9	56	NORTHERN ITALY. ML 3.0 (LDG), 2.9 (STR).
01	05	31	30.2&	34.089	S	70.135	W	6					14	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 4.0 (GUC).
01	06	04	05.3&	60.754	N	151.670	W	71					72	KENAI PENINSULA, ALASKA. <AEIC>.
01	06	31	01.8&	34.101	S	70.116	W	6					12	CHILE-ARGENTINA BORDER REGION. <GUC>.
01	06	57	18.1*	21.546	S	66.721	W	225	*	3.5		0.7	10	SOUTHERN BOLIVIA
01	07	14	10.1&	37.241	N	27.864	E	10	G				9	TURKEY. <ISK>. MD 3.7 (ATH), 3.3 (ISK).
01	07	16	03.8&	37.292	N	27.826	E	5					9	TURKEY. <ISK>. MD 3.8 (ATH), 3.5 (ISK).
01	07	45	26.8&	37.262	N	27.840	E	6					9	TURKEY. <ISK>. MD 3.8 (ATH), 3.4 (ISK).
01	08	10	56.0?	42.94	N	128.62	W	10	G			0.4	40	OFF COAST OF OREGON
01	08	11	56.3&	39.740	N	29.272	E	10	G				4	TURKEY. <ISK>. MD 2.7 (ISK).
01	08	27	24.7*	36.436	N	70.137	E	229	?	3.7		0.9	11	HINDU KUSH REGION, AFGHANISTAN
01	08	50	12.6&	19.590	N	67.200	W	60					4	MONA PASSAGE. <MPR>. MD 3.0 (MPR).
01	08	51	30.3&	37.241	N	27.808	E	14					5	TURKEY. <ISK>. MD 3.2 (ISK).
01	09	44	33.7?	22.99	S	179.77	E	550	G	4.0		0.2	11	SOUTH OF FIJI ISLANDS
01	10	07	16.4&	39.265	N	26.777	E	10	G				4	TURKEY. <ISK>. MD 2.9 (ISK).
01	10	20	06.0&	30.573	S	71.614	W	14					11	NEAR COAST OF CENTRAL CHILE. <GUC>.
01	10	30	27.5&	32.144	S	71.663	W	21					12	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.7 (GUC).
01	11	22	44.3	47.105	N	150.706	E	183	D	4.2		1.1	84	KURIL ISLANDS
01	11	45	46.6&	45.300	N	6.500	E	2					37	FRANCE. <LDG>. ML 2.6 (STR), 2.5 (LDG).
01	12	11	22.4?	46.88	S	73.88	W	33	N	4.4		1.5	14	SOUTHERN CHILE
01	12	26	50.2?	40.81	N	142.19	E	92	?	4.0		0.8	9	NEAR EAST COAST OF HONSHU, JAPAN
01	12	47	31.8&	44.647	N	9.536	E	5					34	NORTHERN ITALY. <GEN>. ML 2.7 (GEN), 2.4 (LDG), 2.3 (STR).
01	12	49	41.1&	42.774	N	19.122	E	4					8	NORTHWESTERN BALKAN REGION. <PDG>. ML 1.3 (PDG).
01	13	05	42.2*	85.680	N	84.186	E	10	G	4.1		0.9	10	NORTH OF SEVERNAYA ZEMLYA
01	13	17	00.1*	2.886	N	95.892	E	33	N	4.0		0.9	12	OFF W COAST OF NORTHERN SUMATERA
01	13	23	17.2*	37.218	N	27.747	E	10	G			1.5	5	TURKEY. MD 3.7 (ATH).
01	13	27	51.7&	61.216	N	150.604	W	43					46	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
01	13	42	39.9&	58.714	N	154.044	W	95					45	ALASKA PENINSULA. <AEIC>.
01	13	48	52.0	42.037	N	87.959	E	21	D	4.2		1.1	25	NORTHERN XINJIANG, CHINA
01	13	49	37.3&	58.263	N	154.905	W	99		3.7			82	ALASKA PENINSULA. <AEIC>.
01	14	38	24.2	36.760	N	31.786	E	33	N	4.2		1.1	67	TURKEY. MD 4.0 (ISK).
01	15	05	35.0	46.054	N	14.777	E	10	G			0.3	9	NORTHWESTERN BALKAN REGION. ML 2.4 (VIE).
01	15	28	27.9*	49.243	N	156.244	E	33	N	3.8		1.0	12	KURIL ISLANDS
01	15	31	13.6&	19.050	N	67.170	W	14					10	MONA PASSAGE. <MPR>. MD 3.6 (MPR).
01	15	34	45.6&	31.746	S	71.809	W	22					8	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.4 (GUC).
01	15	35	25.1&	44.051	N	8.072	E	5					12	NORTHERN ITALY. <GEN>. ML 2.5 (GEN).
01	15	45	31.3&	33.994	S	72.209	W	27					12	OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.4 (GUC).
01	18	11	54.6	19.964	S	134.083	E	26	*	4.1		0.9	10	NORTHERN TERRITORY, AUSTRALIA
01	18	45	00.1&	62.289	N	153.369	W	3					37	CENTRAL ALASKA. <AEIC>. ML 3.1 (AEIC), 3.4 (PMR).
01	18	55	12.6&	44.443	N	7.252	E	14					4	NORTHERN ITALY. <GEN>. ML 1.7 (GEN).
01	19	54	45.5*	48.401	N	154.843	E	33	N	4.1		0.5	20	KURIL ISLANDS
01	20	53	56.7&	40.659	N	29.964	E	9					5	TURKEY. <ISK>. MD 2.7 (ISK).

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01  21 04 18.8& 63.821 N  148.534 W   96                      32  CENTRAL ALASKA. <AEIC>.
01  21 20 41.7* 46.232 N   12.942 E   10 G            1.1      7  NORTHERN ITALY. ML 2.3 (VIE).
01  22 3. 54.2& 43.497 N   17.200 E    4                      17  NORTHWESTERN BALKAN REGION. <PDG>. ML 3.0 (TR.). MD 2.8
                                                                   (PDG).
01  22 41 54.2  46.030 N   14.769 E   10 G            0.8      8  NORTHWESTERN BALKAN REGION. ML 2.1 (VIE).
01  22 45 17.9  12.237 N  121.721 E   33 N  4.8 4.5   1.5     48  MINDORO, PHILIPPINE ISLANDS
01  22 53 08.1& 32.698 S   71.763 W   15                      13  NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.7 (GUC).
01  23 53 35.4% 36.613 N   70.894 E  187 ?            0.8     10  HINDU KUSH REGION, AFGHANISTAN
02  00 17 18.5* 35.099 S   78.600 E   10 G  4.9       0.7     12  MID-INDIAN RIDGE. Mw 5.1 (HRV).
                                                                   Centroid, Moment Tensor (HRV): Centroid origin time
                                                                    00:17:24.9; Lat 35.18 S; Lon 78.64 E; Dep 15.0 Fix; Half-
                                                                    duration 1.1 sec; Principal axes (scale 10**16 Nm): (T)
                                                                    Val=5.51, Plg=0, Azm=106; (N) Val=-1.38, Plg=90, Azm=180;
                                                                    (P) Val=-4.13, Plg=0, Azm=16; Best double couple:
                                                                    Mo=4.8*10**16 Nm; NP1: Strike=151, Dip=90, Slip=-180; NP2:
                                                                    Strike=241, Dip=90, Slip=0.
02  00 27 40.3  47.710 N   16.062 E   10 G            1.4     31  AUSTRIA. ML 3.7 (GRF), 3.4 (VIE). Felt (IV) at Pitten.
02  00 38 49.8*  5.467 S   35.806 E   10 G  4.1       1.1      9  TANZANIA
02  00 40 46.3*  2.299 S  134.368 E   33 N            1.1      7  IRIAN JAYA REGION, INDONESIA
02  01 07 59.3& 33.956 N  116.319 W    8                      44  SOUTHERN CALIFORNIA. <PAS-P>. ML 3.7 (PAS). Felt in the Palm
                                                                    Springs area.
02  02 13 18.7? 28.55  N   51.96  E   33 N  3.9       1.1      9  SOUTHERN IRAN
02  02 18 19.2& 36.081 N   29.157 E   33 N                     5  TURKEY. <ISK>. MD 3.1 (ISK).
02  03 10 53.7* 17.850 S  174.999 W   33 N  4.1       0.6     13  TONGA ISLANDS
02  04 49 20.2& 34.490 S   70.294 W  143                      8  CHILE-ARGENTINA BORDER REGION. <GUC>.
02  04 49 44.2  47.687 N   13.746 E   10 G            1.1     31  AUSTRIA. ML 3.2 (GRF), 3.2 (LDG), 3.2 (VIE), 3.1 (FUR).
02  05 08 59.6& 36.510 N    3.170 W    1                      8  STRAIT OF GIBRALTAR. <MDD>. mbLg 1.7 (MDD).
02  05 43 24.5& 35.255 S   71.347 W   96                      8  CENTRAL CHILE. <GUC>.
02  05 59 24.0& 63.710 N  150.420 W   38                     40  CENTRAL ALASKA. <AEIC>. ML 2.8 (AEIC), 3.1 (PMR).
02  05 59 45.2& 38.002 N  123.513 W    0                      8  NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 3.1 (GM). ML 3.1
                                                                    (BRK).
02  06 26 15.0& 39.629 N   29.449 E   12                      4  TURKEY. <ISK>. MD 2.6 (ISK).
02  07 01 27.1* 18.422 S  168.588 E  122 *  4.1       1.1     15  VANUATU ISLANDS
02  07 16 49.2& 36.560 N   26.460 E  142                     13  DODECANESE ISLANDS. <ATH>.
02  07 37 04.7& 35.500 N    4.040 W    5                      5  STRAIT OF GIBRALTAR. <MDD>. mbLg 2.0 (MDD).
02  07 37 30.1*  8.880 S  119.563 E  152 *  3.8       0.7     11  FLORES REGION, INDONESIA
02  08 03 45.0& 48.300 N    9.040 E   12                     29  GERMANY. <FBB>. ML 2.5 (LDG), 2.3 (FBB), 2.2 (STR), 2.2
                                                                    (VIE).
02  08 11 05.3   8.742 N   39.656 W   10 G  4.6       0.9     74  CENTRAL MID-ATLANTIC RIDGE
02  08 15 26.3& 40.290 N  121.383 W    7                     13  NORTHERN CALIFORNIA. <GM-P>. MD 2.8 (GM).
02  08 54 36.4& 18.616 N  101.625 W   70                      6  GUERRERO, MEXICO. <UNM>. MD 3.9 (UNM).
02  09 37 43.2? 31.11  S   71.86  W   10 G            0.4     14  NEAR COAST OF CENTRAL CHILE. MD 4.1 (GUC).
02  09 41 30.0& 60.170 N  150.990 W   57                     94  KENAI PENINSULA, ALASKA. <AEIC>. ML 3.2 (AEIC), 3.3 (PMR).
02  09 53 45.1& 31.198 S   71.906 W   21                     12  NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.0 (GUC).
02  10 28 33.2& 60.020 N  152.680 W  103                     41  SOUTHERN ALASKA. <AEIC>.
02  10 45 58.5* 31.849 S   68.501 W  150 G            0.9     16  SAN JUAN PROVINCE, ARGENTINA. MD 3.6 (GUC).
02  10 52 37.3  31.485 N   49.639 E   33 N  4.2       0.7     32  WESTERN IRAN
02  10 59 02.9& 39.331 N   27.807 E    5                      5  TURKEY. <ISK>. MD 2.7 (ISK).
02  11 01 47.2? 20.24  S  178.73  W  600 G  4.1       0.8     11  FIJI ISLANDS REGION
02  11 18 26.5* 11.573 N   87.434 W   51 *  4.2       1.4     15  NEAR COAST OF NICARAGUA. MD 4.4 (CASC).
02  11 25 09.0? 11.52  N   87.40  W   33 N  4.3       0.7      7  NEAR COAST OF NICARAGUA
02  11 49 27.6*  6.379 S  128.334 E  385 *  3.9       1.1     22  BANDA SEA
02  12 01 15.9& 37.710 N    2.210 W    1                      9  SPAIN. <MDD>. mbLg 1.8 (MDD).
02  12 03 07.6& 40.910 N   29.270 E    5                      5  TURKEY. <ISK>. MD 2.6 (ISK).
02  13 02 42.4* 20.416 S  178.670 W  616 ?  4.3       1.0     34  FIJI ISLANDS REGION
02  13 40 59.1& 31.692 S   71.831 W   23                     12  NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.7 (GUC).
02  14 05 19.7& 10.850 N   62.325 W   67                      6  NEAR COAST OF VENEZUELA. <TRN>. MD 3.5 (TRN).
02  14 26 00.0  56.806 N   34.295 W   10 G  4.8 4.4   0.8    121  NORTH ATLANTIC OCEAN
02  14 27 59.3% 56.776 N   34.082 W   10 G            0.7      6  NORTH ATLANTIC OCEAN
02  14 29 01.5* 56.753 N   34.237 W   10 G  4.7       1.4     17  NORTH ATLANTIC OCEAN
02  14 44 34.3& 46.600 N    2.700 E   16                      8  FRANCE. <LDG>. ML 1.9 (LDG).
02  15 15 41.8& 44.783 N    6.750 E   13                     16  FRANCE. <GEN>. ML 2.1 (GEN), 1.6 (LDG).
02  15 26 41.0* 10.678 N  126.028 E   33 N  4.3       1.2     18  PHILIPPINE ISLANDS REGION
02  16 13 50.5  56.794 N   34.268 W   10 G  5.3 5.6   1.0    304  NORTH ATLANTIC OCEAN. Mw 5.6 (HRV), 5.5 (GS).
                                                                   Moment Tensor (GS): Dep 7; Principal axes (scale 10**17 Nm):
                                                                    (T) Val=1.86, Plg=5, Azm=108; (N) Val=0.30, Plg=1, Azm=18;
                                                                    (P) Val=-2.16, Plg=85, Azm=282; Best double couple:
                                                                    Mo=2.0*10**17 Nm; NP1: Strike=199, Dip=40, Slip=-89; NP2:
                                                                    Strike=18, Dip=50, Slip=-91.
                                                                   Centroid, Moment Tensor (HRV): Centroid origin time
                                                                    16:13:56.0; Lat 56.96 N; Lon 34.10 W; Dep 15.0 Fix; Half-
                                                                    duration 1.6 sec; Principal axes (scale 10**17 Nm): (T)
                                                                    Val=2.65, Plg=1, Azm=108; (N) Val=0.68, Plg=7, Azm=18; (P)
                                                                    Val=-3.33, Plg=83, Azm=203; Best double couple:
                                                                    Mo=3.0*10**17 Nm; NP1: Strike=205, Dip=45, Slip=-80; NP2:
                                                                    Strike=11, Dip=46, Slip=-100.
02  16 19 51.9% 56.595 N   34.378 W   10 G            0.9      9  NORTH ATLANTIC OCEAN
02  17 02 26.3& 34.094 S   70.114 W    5                     12  CHILE-ARGENTINA BORDER REGION. <GUC>.
02  17 13 24.7* 31.786 S   71.860 W   33 N            1.2     21  NEAR COAST OF CENTRAL CHILE. MD 4.2 (GUC).
02  17 48 14.2*  4.775 N   76.415 W  123 ?  4.1       1.0     17  COLOMBIA
02  17 55 49.4  42.089 N  142.411 E   70 D  4.2       1.0     44  HOKKAIDO, JAPAN  REGION. Felt (II JMA) in the Shizunai area.
02  18 13 39.5& 38.310 N    1.930 W    0 G                     14  SPAIN. <MDD>. mbLg 2.4 (MDD).
02  18 26 17.4* 85.595 N   86.257 E   10 G  4.1       1.5     11  NORTH OF SEVERNAYA ZEMLYA
02  19 55 05.4* 28.664 N  131.438 E   33 N  4.2       1.4     18  SOUTHEAST OF RYUKYU ISLANDS
02  20 00 19.3* 35.867 N   43.231 E   33 N  3.8       0.9     15  IRAQ
02  20 35 49.6*  9.565 S   74.950 W  153 *  4.2       1.2     31  CENTRAL PERU
02  20 39 26.8  29.083 N  131.212 E   33 N  5.1 4.7   1.0    142  SOUTHEAST OF RYUKYU ISLANDS. Mw 5.1 (HRV).
                                                                   Centroid, Moment Tensor (HRV): Centroid origin time
                                                                    20:39:24.8; Lat 28.88 N; Lon 131.23 E; Dep 26.3; Half-
                                                                    duration 1.0 sec; Principal axes (scale 10**16 Nm): (T)
                                                                    Val=4.82, Plg=35, Azm=297; (N) Val=1.81, Plg=35, Azm=176;
                                                                    (P) Val=-6.63, Plg=35, Azm=57; Best double couple:
                                                                    Mo=5.7*10**16 Nm; NP1: Strike=87, Dip=35, Slip=1; NP2:
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                                                                                  Strike=357, Dip=90, Slip=125.
02  20 41 59.6& 46.300 N    3.300 E    2                          12  FRANCE. <LDG>. ML 2.2 (LDG), 2.1 (STR).
02  20 57 53.4   6.506 S  129.909 E  139     5.0        0.8   99  BANDA SEA
02  20 58 04.7  44.481 N  149.470 E   33 N  4.5        0.9   63  KURIL ISLANDS
02  21 37 43.2& 46.300 N    3.300 E    2                          10  FRANCE. <LDG>. ML 2.0 (LDG), 1.7 (STR).
02  21 52 30.4& 58.160 N  155.160 W  101                          49  ALASKA PENINSULA. <AEIC>.
02  22 17 19.8& 37.710 N    2.070 W    0 G                       17  SPAIN. <MDD>. mbLg 2.3 (MDD).
02  23 01 09.3& 38.270 N   21.580 E    5                          5  GREECE. <ATH>. MD 2.9 (ATH).
02  23 06 28.5& 39.402 N   27.344 E    5                          4  TURKEY. <ISK>. MD 2.8 (ISK).
02  23 14 46.0& 36.480 N    4.500 W   92                          13  STRAIT OF GIBRALTAR. <MDD>.
02  23 19 26.6*  6.521 S  129.403 E  188 ?          0.8    8  BANDA SEA
03  00 00 35.0* 51.162 N   15.756 E    5 G          0.8    6  POLAND. ML 2.7 (VIE).
03  00 22 56.2& 31.899 S   70.346 W  131                          12  CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.2 (GUC).
03  00 32 47.7& 33.619 S   70.637 W   25                           8  CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.0 (GUC).
03  01 32 57.3& 33.619 S   70.622 W   25                          11  CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.0 (GUC).
03  01 35 20.7* 85.736 N   84.132 E   10 G  4.4        0.9   11  NORTH OF SEVERNAYA ZEMLYA
03  01 59 25.7& 40.687 N   30.055 E    7                           6  TURKEY. <ISK>. MD 2.8 (ISK).
03  02 24 01.7   5.297 S  102.936 E   33 N  5.1 4.6  1.0   56  SOUTHERN SUMATERA, INDONESIA. Mw 5.1 (HRV).
                                                                  Centroid, Moment Tensor (HRV): Centroid origin time
                                                                   02:24:03.8; Lat 6.01 S; Lon 102.71 E; Dep 51.1; Half-
                                                                   duration 1.0 sec; Principal axes (scale 10**16 Nm): (T)
                                                                   Val=4.32, Plg=67, Azm=266; (N) Val=0.35, Plg=22, Azm=101;
                                                                   (P) Val=-4.67, Plg=6, Azm=9; Best double couple:
                                                                   Mo=4.5*10**16 Nm; NP1: Strike=77, Dip=44, Slip=58; NP2:
                                                                   Strike=298, Dip=54, Slip=117.
03  02 32 05.9& 34.539 S   72.341 W   36                           9  NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.6 (GUC).
03  02 55 51.3& 37.550 N  118.864 W    9                          38  CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.2 (GM). ML 3.3
                                                                   (BRK).
03  03 58 55.9* 31.643 N   40.615 W   10 G  4.3        0.6   30  NORTHERN MID-ATLANTIC RIDGE
03  04 00 09.2& 40.280 N   29.292 E    5                           5  TURKEY. <ISK>. MD 2.6 (ISK).
03  04 24 36.8  56.611 N   34.289 W   10 G  4.5 4.2  0.9   68  NORTH ATLANTIC OCEAN
03  04 24 41.5& 63.056 N  149.309 W   84                          34  CENTRAL ALASKA. <AEIC>.
03  04 47 02.1  22.019 N  120.058 E   33 N  4.5        1.1   30  TAIWAN
03  05 13 52.6& 17.859 N  101.206 W   66                          20  NEAR COAST OF GUERRERO, MEXICO. <UNM>. MD 4.0 (UNM).
03  06 04 07.4* 19.953 S  168.188 E   33 N  4.5        1.1   25  VANUATU ISLANDS
03  06 33 37.3& 47.900 N    4.100 W   15                          20  FRANCE. <LDG>. ML 3.5 (LDG).
03  07 13 46.1* 54.029 N  163.554 E   33 N  4.1        0.8    8  OFF EAST COAST OF KAMCHATKA
03  08 03 08.6  28.113 S  179.687 E  484 *  4.7        1.3   50  KERMADEC ISLANDS REGION
03  08 16 06.7& 39.668 N   29.465 E    9                           6  TURKEY. <ISK>. MD 2.8 (ISK).
03  08 42 43.5& 39.311 N   29.224 E   10 G                         5  TURKEY. <ISK>. MD 2.8 (ISK).
03  09 35 57.5& 37.280 N   27.850 E   10 G                         6  TURKEY. <ISK>. MD 3.3 (ISK).
03  12 28 02.5* 14.505 N   93.773 W   33 N  4.1        1.4   27  NEAR COAST OF CHIAPAS, MEXICO. MD 4.5 (UNM).
03  12 38 13.3*  2.843 N  126.467 E   33 N             1.1    9  NORTHERN MOLUCCA SEA
03  13 07 51.7& 45.400 N    5.800 E    2                          52  FRANCE. <LDG>. ML 3.0 (LDG), 2.9 (STR).
03  13 15 57.8& 37.160 N    4.400 W    0 G                       11  SPAIN. <MDD>. mbLg 2.3 (MDD).
03  13 21 23.6& 37.190 N    4.400 W    0 G                        5  SPAIN. <MDD>. mbLg 2.0 (MDD).
03  13 22 35.8& 37.190 N    4.360 W    5                          14  SPAIN. <MDD>. mbLg 2.2 (MDD).
03  13 36 02.0   1.233 N  127.626 E  211 ?  4.8        1.0   55  HALMAHERA, INDONESIA
03  13 38 33.7* 63.376 N  151.232 W   33 N             1.2    6  CENTRAL ALASKA. ML 2.8 (PMR).
03  14 11 44.3& 28.031 N  129.781 E   56 *             1.1    7  RYUKYU ISLANDS
03  14 20 29.1& 38.100 N   20.250 E    5                           5  GREECE. <ATH>. MD 3.1 (ATH).
03  14 45 56.7* 36.458 N  138.178 E   33 N             0.7    6  EASTERN HONSHU, JAPAN
03  14 49 47.2* 32.183 N  140.584 E   33 N             1.0    7  SOUTH OF HONSHU, JAPAN
03  14 58 53.2& 32.604 S   71.480 W   32                          10  NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.3 (GUC).
03  15 43 23.1* 45.844 N   15.198 E   10 G                         0.4    5  NORTHWESTERN BALKAN REGION. ML 2.0 (VIE), 1.4 (LJU).
03  15 57 08.4* 10.622 N  141.542 E   33 N  4.7        1.1   13  WESTERN CAROLINE ISLANDS
03  16 17 07.8& 42.723 N   18.937 E    4                           9  NORTHWESTERN BALKAN REGION. <PDG>. MD 1.5 (PDG).
03  16 18 58.7& 32.746 N  118.111 W    6 G                       28  OFF COAST OF CALIFORNIA. <PAS-P>. ML 3.7 (PAS).
03  16 22 16.1  20.871 S  178.157 W  563 ?  4.4        0.9   54  FIJI ISLANDS REGION
03  16 52 20.8* 51.996 S   75.254 W   33 N  4.6        0.4   10  SOUTHERN CHILE
03  17 19 09.4& 38.330 N   22.110 E    5                          10  GREECE. <ATH>. ML 3.0 (ATH).
03  17 25 05.7& 39.220 N   21.890 E    5                           8  GREECE. <ATH>. MD 3.1 (ATH).
03  17 33 32.2& 37.202 N   27.698 E   10 G                         9  TURKEY. <ISK>. MD 3.8 (ATH), 3.4 (ISK).
03  17 47 40.6& 37.229 N   27.690 E   10 G                         9  TURKEY. <ISK>. MD 3.7 (ATH), 3.3 (ISK).
03  17 53 10.0*  1.087 S  137.154 E   33 N  4.5        1.3   18  NEAR NORTH COAST OF IRIAN JAYA
03  17 55 27.7   1.085 S  136.910 E   33 N  5.1 5.1  0.9   52  IRIAN JAYA REGION, INDONESIA. Mw 5.3 (HRV). Felt (III) on
                                                                   Biak.
                                                                  Centroid, Moment Tensor (HRV): Centroid origin time
                                                                   17:55:29.4; Lat 1.07 S; Lon 137.27 E; Dep 34.5; Half-
                                                                   duration 1.1 sec; Principal axes (scale 10**17 Nm): (T)
                                                                   Val=0.92, Plg=64, Azm=211; (N) Val=0.25, Plg=4, Azm=113;
                                                                   (P) Val=-1.16, Plg=26, Azm=21; Best double couple:
                                                                   Mo=1.0*10**17 Nm; NP1: Strike=101, Dip=19, Slip=78; NP2:
                                                                   Strike=294, Dip=71, Slip=94.
03  18 04 39.3& 37.130 N   27.780 E    5                           7  TURKEY. <ATH>. MD 3.7 (ATH).
03  18 07 55.5& 45.643 N   26.523 E  100 G                         0.8    7  ROMANIA
03  18 35 49.3*  7.952 S  128.667 E   33 N  3.9        1.1    8  BANDA SEA
03  18 47 45.0& 43.300 N    1.100 W   12                           4  PYRENEES. <LDG>. ML 2.1 (LDG).
03  18 51 13.2* 49.980 S  114.286 E   10 G  4.8        1.2   48  SOUTH OF AUSTRALIA
03  18 59 19.9& 58.260 N  155.105 W    0                          33  ALASKA PENINSULA. <AEIC>. ML 2.7 (AEIC).
03  19 05 35.8  20.011 S  168.151 E   33 N  5.0        1.1   62  LOYALTY ISLANDS
03  19 18 14.4* 19.991 S  168.193 E   33 N  4.5        1.2   22  VANUATU ISLANDS
03  19 39 29.6& 17.086 N   94.317 W  160                           9  CHIAPAS, MEXICO. <UNM>. MD 4.0 (UNM).
03  20 02 19.0  19.929 S  168.088 E   33 N  4.6        1.3   18  VANUATU ISLANDS
03  20 25 20.0& 59.932 N  153.433 W  130                          82  SOUTHERN ALASKA. <AEIC>.
03  20 54 45.1  55.869 N  110.269 E   10 G  4.7        1.0   40  LAKE BAYKAL REGION, RUSSIA. Felt (V) at Verkhnyaya Zaimka,
                                                                   (IV) at Kichera and (III) at Severobaykalsk.
03  20 55 08.1  55.907 N  110.265 E   10 G  4.5        1.0   27  LAKE BAYKAL REGION, RUSSIA. Felt (V) at Verkhnyaya Zaimka,
                                                                   (IV) at Kichera and (III) at Severobaykalsk.
03  21 15 40.8* 55.847 N  110.237 E   10 G             1.2   11  LAKE BAYKAL REGION, RUSSIA. Felt (III) at Kichera and
                                                                   Verkhnyaya Zaimka.
03  21 29 14.3& 31.839 S   70.061 W  128                          20  CHILE-ARGENTINA BORDER REGION. <GUC>. MD 4.2 (GUC).
03  21 56 03.1& 33.146 S   70.291 W    4                          11  CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.4 (GUC).
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03	22	08	19.7&	46.100	N	2.800	E	6					5	FRANCE. <LDG>. ML 1.4 (LDG).
03	23	06	57.5	19.288	S	169.114	E	161		4.4		0.8	20	VANUATU ISLANDS
04	01	18	14.9&	17.980	N	66.350	W	12					4	PUERTO RICO REGION. <MPR>. MD 2.2 (MPR).
04	02	42	12.8*	14.831	S	167.363	E	114	?	4.4		0.9	31	VANUATU ISLANDS
04	03	01	39.7&	53.698	N	161.225	W	20					16	SOUTH OF ALASKA. <AEIC>. ML 2.9 (AEIC).
04	03	10	03.6&	53.625	N	167.276	W	17					20	FOX ISLANDS, ALEUTIAN ISLANDS. <AEIC>. ML 3.6 (AEIC).
04	03	35	32.9*	5.597	N	95.070	E	198	?	4.4		1.3	22	NORTHERN SUMATERA, INDONESIA
04	03	51	33.4*	52.260	N	168.698	W	33	N			0.8	12	FOX ISLANDS, ALEUTIAN ISLANDS. ML 3.8 (AEIC).
04	04	23	01.3&	39.550	N	20.360	E	5					4	GREECE-ALBANIA BORDER REGION. <ATH>. MD 2.8 (ATH).
04	04	38	48.3*	53.370	N	153.966	E	450	*	4.2		1.1	13	SEA OF OKHOTSK
04	05	03	03.3&	60.307	N	140.858	W	0					27	SOUTHEASTERN ALASKA. <AEIC>. ML 2.7 (AEIC), 2.7 (PGC).
04	05	49	18.0	34.758	N	140.734	E	46	*	4.4	3.8	1.1	38	NEAR EAST COAST OF HONSHU, JAPAN
04	06	23	18.7&	34.434	S	72.305	W	36					8	NEAR COAST OF CENTRAL CHILE. <GUC>.
04	07	56	05.8&	39.571	N	29.483	E	11					4	TURKEY. <ISK>. MD 2.6 (ISK).
04	07	57	49.7&	39.713	N	29.453	E	10	G				4	TURKEY. <ISK>. MD 2.7 (ISK).
04	08	01	27.1&	39.890	S	176.410	E	118					8	NORTH ISLAND, NEW ZEALAND. <WEL>.
04	08	22	06.2&	32.562	S	71.548	W	27					12	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.6 (GUC).
04	08	33	39.6&	39.601	N	29.676	E	15					4	TURKEY. <ISK>. MD 2.7 (ISK).
04	08	38	09.8&	54.644	N	161.560	W	22					14	ALASKA PENINSULA. <AEIC>. ML 2.5 (AEIC).
04	08	52	13.3	20.869	S	68.596	W	140	*	4.2		0.8	17	CHILE-BOLIVIA BORDER REGION
04	09	25	43.8	44.639	N	147.883	E	90	*	4.3		0.9	44	KURIL ISLANDS
04	10	27	23.0&	63.154	N	149.368	W	85					41	CENTRAL ALASKA. <AEIC>.
04	10	43	17.3*	12.181	N	86.926	W	63		4.1		1.1	22	NICARAGUA. MD 4.4 (CASC).
04	10	48	47.2*	12.038	N	87.033	W	65	*	4.4		1.2	36	NEAR COAST OF NICARAGUA. MD 4.5 (CASC).
04	12	01	34.6*	21.430	S	176.445	W	174	D	4.5		1.0	19	FIJI ISLANDS REGION
04	12	21	26.2	14.139	N	91.591	W	69		4.3		1.1	60	GUATEMALA. MD 4.7 (UNM), 4.6 (CASC).
04	13	43	04.6	27.572	S	177.983	W	259	D	4.7		1.3	56	KERMADEC ISLANDS REGION. Felt on Raoul.
04	15	41	30.7*	0.170	S	123.037	E	67	*	4.2		1.4	17	MINAHASSA PENINSULA, SULAWESI
04	15	48	27.8&	34.706	S	72.609	W	23					8	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.5 (GUC).
04	16	50	43.9&	47.100	N	6.570	E	2	G				5	FRANCE. <STR>. ML 2.3 (STR).
04	16	52	09.8*	38.659	N	69.521	E	33	N			1.3	16	TAJIKISTAN
04	16	52	29.5*	45.456	N	26.484	E	100	G			0.9	8	ROMANIA
04	18	00	57.9&	34.492	S	70.155	W	6					12	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.3 (GUC).
04	18	19	22.6&	38.210	N	21.630	E	5					8	GREECE. <ATH>. ML 3.2 (ATH).
04	18	19	57.2*	26.510	N	125.230	E	141	*	3.8		1.0	11	NORTHEAST OF TAIWAN
04	18	20	01.5&	38.230	N	21.670	E	5					5	GREECE. <ATH>. MD 3.2 (ATH).
04	18	37	11.0%	36.487	N	71.579	E	162	?			0.9	8	AFGHANISTAN-TAJIKISTAN BORD REG.
04	19	08	18.8*	37.259	N	137.044	E	280				0.4	8	NEAR WEST COAST OF HONSHU, JAPAN
04	19	26	47.4&	44.300	N	7.500	E	2					14	NORTHERN ITALY. <LDG>. ML 2.0 (LDG), 1.9 (STR).
04	19	27	44.0&	36.520	N	25.440	E	10		4.1			59	DODECANESE ISLANDS. <ATH>. MD 4.0 (ATH).
04	19	32	37.5&	36.420	N	25.420	E	36					5	DODECANESE ISLANDS. <ATH>. MD 3.5 (ATH).
04	19	48	38.2&	17.970	N	66.360	W	6					10	PUERTO RICO REGION. <MPR>. MD 3.1 (MPR).
04	19	54	05.4&	18.030	N	66.340	W	9					4	PUERTO RICO REGION. <MPR>. MD 2.1 (MPR).
04	19	59	55.2&	17.980	N	66.350	W	5					8	PUERTO RICO REGION. <MPR>. MD 2.3 (MPR).
04	20	05	38.1&	40.620	N	19.770	E	10					14	ALBANIA. <ATH>. MD 3.0 (ATH), 2.5 (PDG).
04	21	08	05.1?	7.16	S	129.57	E	168	?	4.2		1.4	12	BANDA SEA
04	21	16	07.3&	17.980	N	66.350	W	10					4	PUERTO RICO REGION. <MPR>. MD 2.2 (MPR).
04	21	28	24.5?	28.08	N	141.09	E	105	?			1.3	12	BONIN ISLANDS REGION
04	21	55	27.2*	13.053	N	143.505	E	200	*	4.1		0.8	21	SOUTH OF MARIANA ISLANDS
04	22	13	55.1	38.283	N	20.321	E	10	G			0.9	30	GREECE. MD 3.7 (ATH), 3.6 (PDG).
04	22	38	01.7&	37.255	N	27.859	E	10	G				5	TURKEY. <ISK>. MD 3.2 (ISK).
04	22	53	31.5&	17.960	N	66.350	W	8					10	PUERTO RICO REGION. <MPR>. MD 2.9 (MPR).
04	22	56	05.5&	17.980	N	66.350	W	9					4	PUERTO RICO REGION. <MPR>. MD 2.2 (MPR).
04	23	00	13.4&	38.769	N	122.729	W	3					9	NORTHERN CALIFORNIA. <GM-P>. MD 2.9 (GM).
04	23	21	33.8*	19.962	S	168.208	E	33	N	4.4		1.3	17	VANUATU ISLANDS
04	23	40	45.0&	17.990	N	66.370	W	8					10	PUERTO RICO REGION. <MPR>. MD 3.3 (MPR).
04	23	59	11.7&	37.555	N	118.803	W	8					13	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.1 (GM). ML 3.2 (BRK).
05	00	25	32.4*	12.930	N	90.816	W	33	N	4.3		1.1	18	OFF COAST OF CENTRAL AMERICA
05	00	26	22.5&	18.930	N	67.420	W	6					5	MONA PASSAGE. <MPR>. MD 2.8 (MPR).
05	01	37	57.2	45.075	N	5.708	E	10	G			0.9	50	FRANCE. ML 2.9 (LDG), 2.9 (STR).
05	01	45	15.4*	52.348	N	159.415	E	64	*	4.2		0.9	25	OFF EAST COAST OF KAMCHATKA
05	02	17	46.9&	34.069	N	116.372	W	2					41	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.6 (PAS).
05	02	31	33.8&	34.580	S	71.001	W	81					11	NEAR COAST OF CENTRAL CHILE. <GUC>.
05	02	46	45.6*	12.911	N	88.369	W	81	*	4.1		1.2	22	OFF COAST OF CENTRAL AMERICA. MD 4.3 (CASC).
05	04	23	54.6&	32.690	S	71.722	W	15					12	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.1 (GUC).
05	04	33	47.6*	30.123	S	177.993	W	62	D	4.9		1.2	25	KERMADEC ISLANDS, NEW ZEALAND
05	04	47	32.8	37.030	N	4.559	W	10	G			0.9	17	SPAIN. mbLg 2.4 (MDD).
05	05	39	42.7%	40.501	N	27.637	E	10	G			0.9	5	TURKEY. MD 3.1 (ISK).
05	06	40	49.8%	39.479	N	27.659	E	10	G			0.4	6	TURKEY. MD 3.0 (ISK).
05	06	44	48.4?	25.05	S	179.49	E	569	?	4.3		0.6	18	SOUTH OF FIJI ISLANDS
05	07	28	52.0*	35.047	S	104.679	W	10	G	4.5	4.5	1.0	15	SOUTHERN PACIFIC OCEAN
05	08	14	14.2*	22.774	S	70.804	W	33	N	3.7		0.9	7	NEAR COAST OF NORTHERN CHILE
05	08	33	52.4%	37.788	N	22.995	E	10	G			0.6	6	SOUTHERN GREECE. MD 3.2 (ATH).
05	08	46	22.8&	17.990	N	66.350	W	13					5	PUERTO RICO REGION. <MPR>. MD 2.2 (MPR).
05	09	20	45.7*	55.879	N	109.935	E	10	G	3.8		1.4	10	LAKE BAYKAL REGION, RUSSIA
05	09	39	44.6&	35.020	S	71.353	W	64					8	CENTRAL CHILE. <GUC>.
05	09	40	10.1%	40.296	N	29.242	E	10	G			0.9	7	TURKEY. MD 2.8 (ISK).
05	10	26	43.0&	17.990	N	66.350	W	14					5	PUERTO RICO REGION. <MPR>. MD 2.3 (MPR).
05	10	30	03.1	59.291	N	151.523	W	71		5.4		0.8	443	KENAI PENINSULA, ALASKA. Mw 5.8 (GS), 5.8 (HRV). Me 5.3 (GS). Felt at Anchorage, Anchor Point, Homer, Kenai and Wasilla. Felt strongly throughout south-central Alaska and the Kenai Peninsula. Broadband Source Parameters (GS): Dep 63; NP1: Strike=246, Dip=68, Slip=90; NP2: Strike=66, Dip=22, Slip=90; Radiated energy 2.3*10**12 Nm. Moment Tensor (GS): Dep 70; Principal axes (scale 10**17 Nm): (T) Val=4.99, Plg=68, Azm=98; (N) Val=0.12, Plg=16, Azm=235; (P) Val=-5.11, Plg=15, Azm=329; Best double couple: Mo=5.0*10**17 Nm; NP1: Strike=81, Dip=34, Slip=120; NP2: Strike=225, Dip=61, Slip=71. Centroid, Moment Tensor (HRV): Centroid origin time 10:30:04.8; Lat 59.16 N; Lon 151.48 W; Dep 68.0 Bdy; Half-

									duration 2.2 sec; Principal axes (scale 10**17 Nm): (T) Val=5.07, Plg=68, Azm=97; (N) Val=-0.09, Plg=20, Azm=253; (P) Val=-4.97, Plg=8, Azm=346; Best double couple: Mo=5.0*10**17 Nm; NP1: Strike=98, Dip=41, Slip=122; NP2: Strike=239, Dip=56, Slip=65.
05	10 57 44.9&	61.009 N	147.454 W	23				56	SOUTHERN ALASKA. <AEIC>. ML 3.0 (AEIC).
05	12 25 51.8	36.501 N	35.252 E	10 G			1.1	14	TURKEY. MD 4.0 (ISK).
05	13 33 43.7*	14.208 N	145.422 E	123 *	4.3		1.0	25	MARIANA ISLANDS
05	13 39 23.1*	33.608 S	179.866 E	103 ?	4.9		0.8	25	SOUTH OF KERMADEC ISLANDS
05	13 47 38.2*	6.517 S	128.753 E	240 *	4.0		1.0	21	BANDA SEA
05	13 50 01.5&	37.110 N	21.550 E	5				4	SOUTHERN GREECE. <ATH>. MD 3.0 (ATH).
05	14 17 54.0	4.663 S	152.869 E	79	4.9		0.9	35	NEW BRITAIN REGION, P.N.G.
05	16 00 17.1*	29.795 N	139.203 E	403 *			0.7	13	SOUTH OF HONSHU, JAPAN
05	16 01 58.4&	40.440 N	27.907 E	10 G				4	TURKEY. <ISK>. MD 2.8 (ISK).
05	16 36 45.8	41.361 N	19.556 E	10 G			0.8	14	ALBANIA. MD 2.6 (PDG).
05	16 39 43.4	41.439 N	19.677 E	10 G			0.8	15	ALBANIA. MD 3.4 (ATH), 3.2 (PDG).
05	16 46 54.3&	37.330 N	27.170 E	5				4	TURKEY. <ATH>. MD 3.8 (ATH).
05	16 58 32.2	41.119 N	20.234 E	10 G			1.1	16	ALBANIA. MD 3.5 (ATH), 3.4 (PDG).
05	17 42 45.6&	63.118 N	149.855 W	85				33	CENTRAL ALASKA. <AEIC>.
05	17 52 21.2%	42.045 N	8.005 W	10 G			0.9	10	SPAIN. mbLg 3.0 (MDD).
05	17 58 45.0&	33.868 S	71.436 W	52				11	NEAR COAST OF CENTRAL CHILE. <GUC>.
05	18 38 41.1	42.923 N	0.141 W	10 G			1.2	10	PYRENEES. ML 2.4 (STR), 2.4 (LDG).
05	19 27 24.2*	16.632 S	173.574 W	85 D	4.5		0.8	36	TONGA ISLANDS
05	19 39 40.2&	43.189 N	18.019 E	11				9	NORTHWESTERN BALKAN REGION. <PDG>. MD 2.6 (PDG).
05	22 05 14.1&	4.557 N	75.618 W	2				7	COLOMBIA. <RSNC>. ML 2.5 (RSNC).
05	22 28 31.1&	32.843 S	69.888 W	117				11	MENDOZA PROVINCE, ARGENTINA. <GUC>.
05	22 41 30.1	14.364 N	94.673 W	33 N	5.8	5.5	1.1	336	OFF COAST OF CHIAPAS, MEXICO. Mw 6.2 (GS), 6.2 (HRV). Me 6.3 (GS). ML 5.6 (CASC).
									Broadband Source Parameters (GS): Dep 15; NP1: Strike=310, Dip=75, Slip=-30; NP2: Strike=48, Dip=61, Slip=-163; Radiated energy 5.4*10**13 Nm. Two events about 2.5 seconds apart. Depth based on first event.
									Moment Tensor (GS): Dep 16; Principal axes (scale 10**18 Nm): (T) Val=2.13, Plg=10, Azm=1; (N) Val=-0.19, Plg=63, Azm=111; (P) Val=-1.93, Plg=24, Azm=266; Best double couple: Mo=2.0*10**18 Nm; NP1: Strike=46, Dip=65, Slip=-169; NP2: Strike=312, Dip=80, Slip=-25.
									Centroid, Moment Tensor (HRV): Centroid origin time 22:41:33.3; Lat 14.63 N; Lon 94.86 W; Dep 15.0 Bdy; Half-duration 2.8 sec; Principal axes (scale 10**18 Nm): (T) Val=1.92, Plg=3, Azm=212; (N) Val=-0.05, Plg=12, Azm=121; (P) Val=-1.87, Plg=78, Azm=314; Best double couple: Mo=1.9*10**18 Nm; NP1: Strike=313, Dip=44, Slip=-73; NP2: Strike=111, Dip=49, Slip=-106.
									Scalar Moment (PPT): Mo=4.3*10**18 Nm.
05	22 58 09.9	7.796 S	107.991 E	33 N	4.8		0.8	21	JAWA, INDONESIA
05	23 01 16.9&	17.970 N	66.350 W	8				4	PUERTO RICO REGION. <MPR>. MD 2.3 (MPR).
05	23 26 04.9&	32.172 S	69.837 W	117				7	MENDOZA PROVINCE, ARGENTINA. <GUC>.
05	23 30 33.4&	32.748 S	70.106 W	117				13	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.9 (GUC).
06	01 27 48.9&	32.375 S	69.886 W	144				12	MENDOZA PROVINCE, ARGENTINA. <GUC>. MD 2.3 (GUC).
06	02 55 32.6	12.392 S	76.959 W	48	4.8	4.6	0.9	88	NEAR COAST OF PERU. Felt (V) at Callao, Chilca, Lima and Los Olivos; (IV) at Cieneguilla and San Vicente de Canete; (III) at Chancay and Huaral; (II) at Chincha Alta and Huacho.
06	03 13 07.3%	78.385 N	7.124 E	10 G			1.5	7	SVALBARD REGION
06	03 20 54.1	56.543 N	152.693 W	24 D	4.3		0.9	53	KODIAK ISLAND REGION. ML 3.9 (AEIC).
06	03 32 11.1&	55.550 N	162.689 W	192				19	ALASKA PENINSULA. <AEIC>.
06	03 34 01.3	56.542 N	152.746 W	25 D	4.7	4.4	0.8	153	KODIAK ISLAND REGION. ML 4.9 (PMR), 4.8 (AEIC).
06	04 01 23.8*	19.253 N	145.534 E	165 ?	5.0		1.0	18	MARIANA ISLANDS
06	04 08 32.7	56.498 N	152.726 W	25 D	4.4		0.9	67	KODIAK ISLAND REGION. ML 4.4 (PMR), 4.3 (AEIC).
06	04 19 26.7	56.478 N	152.863 W	25 D	4.9	4.5	0.8	135	KODIAK ISLAND REGION. Mw 5.1 (HRV). ML 5.1 (PMR), 4.6 (AEIC).
									Centroid, Moment Tensor (HRV): Centroid origin time 04:19:34.1; Lat 56.48 N Fix; Lon 152.86 W Fix; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=4.62, Plg=56, Azm=285; (N) Val=-0.22, Plg=2, Azm=18; (P) Val=-4.41, Plg=34, Azm=110; Best double couple: Mo=4.5*10**16 Nm; NP1: Strike=209, Dip=11, Slip=101; NP2: Strike=18, Dip=79, Slip=88.
06	04 31 30.1	36.631 N	71.294 E	246 *	3.9		0.7	40	AFGHANISTAN-TAJIKISTAN BORD REG.
06	04 33 23.4*	57.217 S	25.568 W	33 N	4.6		1.3	15	SOUTH SANDWICH ISLANDS REGION
06	04 45 09.2	43.834 N	8.453 E	10 G			0.5	11	CORSICA. ML 2.0 (GEN), 1.6 (LDG).
06	04 46 53.0&	31.859 S	71.727 W	10				10	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.6 (GUC).
06	04 47 08.9&	43.813 N	8.495 E	3				15	CORSICA. <GEN>. ML 2.3 (GEN), 2.1 (LDG).
06	05 16 18.0&	37.000 N	4.010 W	15				11	SPAIN. <MDD>. mbLg 2.1 (MDD).
06	05 50 46.1*	12.544 N	87.499 W	85 *	3.7		1.4	13	NEAR COAST OF NICARAGUA. MD 4.1 (CASC).
06	06 04 47.3&	45.300 N	6.600 E	2				26	FRANCE. <GEN>. ML 2.6 (GEN), 2.4 (LDG).
06	06 06 16.7&	31.502 S	71.596 W	45				12	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.7 (GUC).
06	06 22 16.2&	37.640 N	2.140 W	2				15	SPAIN. <MDD>. mbLg 2.5 (MDD).
06	06 54 46.1	11.215 S	66.078 E	10 G	5.3	4.7	0.9	154	MID-INDIAN RIDGE. Mw 5.2 (HRV).
									Centroid, Moment Tensor (HRV): Centroid origin time 06:54:50.7; Lat 11.31 S; Lon 65.96 E; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=5.79, Plg=0, Azm=79; (N) Val=0.58, Plg=21, Azm=349; (P) Val=-6.36, Plg=69, Azm=169; Best double couple: Mo=6.1*10**16 Nm; NP1: Strike=189, Dip=49, Slip=-61; NP2: Strike=329, Dip=49, Slip=-119.
06	07 35 10.6&	34.129 S	70.950 W	69				7	CHILE-ARGENTINA BORDER REGION. <GUC>.
06	08 13 55.4&	42.269 N	18.963 E	6				9	NORTHWESTERN BALKAN REGION. <PDG>. MD 1.4 (PDG).
06	09 05 08.2*	32.788 S	179.368 W	110 ?	5.1		1.2	18	SOUTH OF KERMADEC ISLANDS. Mw 5.2 (HRV).
									Centroid, Moment Tensor (HRV): Centroid origin time 09:05:11.5; Lat 32.67 S; Lon 179.13 W; Dep 130.3 [illegible] Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=6.38, Plg=17, Azm=231; (N) Val=2.25, Plg=53, Azm=345,

(P) Val=-8.63, Plg=32, Azm=130; Best double couple: Mo=7.5*10**16 Nm; NP1: Strike=275, Dip=55, Slip=-168; NP2: Strike=178, Dip=80, Slip=-36.

06	09	11	42.7&	43.160	N	120.395	W	9					44	OREGON. <SEA-P>. MD 3.0 (SEA).
06	11	15	30.9	5.324	S	141.757	E	40		5.1	4.5	1.0	51	NEW GUINEA, PAPUA NEW GUINEA. Mw 5.2 (HRV).

Centroid, Moment Tensor (HRV): Centroid origin time 11:15:35.6; Lat 5.51 S; Lon 142.10 E; Dep 75.1; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=7.09, Plg=27, Azm=129; (N) Val=-0.20, Plg=63, Azm=304; (P) Val=-6.89, Plg=2, Azm=38; Best double couple: Mo=7.0*10**16 Nm; NP1: Strike=170, Dip=70, Slip=162; NP2: Strike=266, Dip=73, Slip=21.

06	11	36	09.5&	43.900	N	7.200	E	6					11	NEAR SOUTH COAST OF FRANCE. <LDG>. ML 2.3 (LDG).
06	12	07	41.8	44.492	N	114.814	W	5	G			0.7	29	WESTERN IDAHO. ML 3.4 (GS), 3.7 (BUT), 3.8 (BSE).
06	12	08	34.2*	21.248	S	67.064	W	201		4.0		0.8	14	CHILE-BOLIVIA BORDER REGION
06	12	09	48.6&	10.863	N	61.978	W	113					4	TRINIDAD. <TRN>. MD 2.9 (TRN).
06	12	46	33.9?	22.66	S	170.15	E	33	N			1.2	8	LOYALTY ISLANDS REGION
06	13	21	32.3	34.019	S	178.970	W	33	N	5.3	5.2	1.3	50	SOUTH OF KERMADEC ISLANDS. Mw 5.5 (HRV).

Centroid, Moment Tensor (HRV): Centroid origin time 13:21:33.8; Lat 33.69 S; Lon 178.24 W; Dep 15.0 Bdy; Half-duration 1.4 sec; Principal axes (scale 10**17 Nm): (T) Val=1.92, Plg=71, Azm=306; (N) Val=0.44, Plg=5, Azm=200; (P) Val=-2.36, Plg=19, Azm=108; Best double couple: Mo=2.1*10**17 Nm; NP1: Strike=189, Dip=27, Slip=78; NP2: Strike=23, Dip=64, Slip=96.

06	13	40	35.9*	29.252	N	130.584	E	33	N			1.1	10	RYUKYU ISLANDS
06	13	46	29.1*	21.230	N	121.943	E	33	N	4.4		1.4	27	TAIWAN REGION
06	13	56	35.7	5.247	S	141.711	E	33	N	5.1	4.5	1.1	58	NEW GUINEA, PAPUA NEW GUINEA
06	14	02	15.3	5.404	S	146.864	E	248	D	4.5		0.8	23	EASTERN NEW GUINEA REG., P.N.G.
06	15	12	34.0?	31.31	S	68.59	W	100	G			1.0	14	SAN JUAN PROVINCE, ARGENTINA. MD 3.2 (GUC).
06	15	27	00.9&	41.514	N	19.600	E	15					13	ALBANIA. <PDG>. ML 3.0 (PDG).
06	16	02	29.4	63.402	N	151.273	W	33	N			1.0	8	CENTRAL ALASKA. ML 2.7 (PMR).
06	16	27	10.4*	13.570	N	92.086	W	33	N	4.2		1.3	32	OFF COAST OF CHIAPAS, MEXICO. MD 4.6 (UNM), 4.5 (CASC).
06	16	50	38.3*	43.470	N	12.465	E	33	N			1.4	9	CENTRAL ITALY. ML 3.2 (VIE).
06	17	50	24.5&	44.778	N	6.732	E	1					40	FRANCE. <GEN>. ML 2.7 (GEN), 2.7 (LDG), 2.5 (STR).
06	17	54	29.4&	32.781	S	70.780	W	79					6	CHILE-ARGENTINA BORDER REGION. <GUC>.
06	18	06	19.3*	13.215	S	166.305	E	91	?	4.8		1.1	31	VANUATU ISLANDS
06	18	15	15.0&	37.530	N	118.817	W	6					7	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM).
06	18	34	58.8	12.347	N	92.809	E	56	D	4.5		0.7	56	ANDAMAN ISLANDS, INDIA
06	19	20	25.2*	33.179	N	140.301	E	83	?			0.8	11	SOUTH OF HONSHU, JAPAN
06	19	35	40.1	51.579	N	16.219	E	5	G			0.8	18	POLAND. ML 3.8 (GRF), 3.2 (VIE).
06	19	37	21.8?	19.86	S	177.74	W	473	?	4.1		0.9	26	FIJI ISLANDS REGION
06	20	37	10.0&	18.300	N	65.740	W	146					4	PUERTO RICO REGION. <MPR>. MD 2.9 (MPR).
06	21	47	24.4&	33.206	S	70.281	W	8					9	CHILE-ARGENTINA BORDER REGION. <GUC>.
06	21	58	47.7&	34.353	S	72.298	W	41					7	NEAR COAST OF CENTRAL CHILE. <GUC>.
06	21	59	05.5&	37.020	N	4.000	W	0					8	SPAIN. <MDD>. mbLg 1.7 (MDD).
06	22	09	25.4*	51.599	N	175.262	W	33	N			0.6	11	ANDREANOF ISLANDS, ALEUTIAN IS.
06	22	40	14.9*	53.803	N	163.679	W	33	N	4.4		0.9	9	UNIMAK ISLAND REGION
06	22	48	48.1&	41.205	N	20.306	E	5					12	ALBANIA. <PDG>. MD 3.1 (PDG).
06	22	49	35.9&	31.055	S	71.579	W	23					9	NEAR COAST OF CENTRAL CHILE. <GUC>.
06	22	59	30.7&	41.173	N	20.247	E	0					12	ALBANIA. <PDG>. MD 2.7 (PDG).
06	22	59	35.0	46.427	N	15.092	E	10	G			1.1	6	NORTHWESTERN BALKAN REGION. ML 2.0 (VIE).
06	23	00	40.0&	46.380	N	7.470	E	10	G				43	SWITZERLAND. <STR>. ML 2.6 (LDG), 2.5 (STR).
06	23	00	53.1	29.501	N	51.880	E	33	N	5.9	6.3	1.0	358	SOUTHERN IRAN. Mw 6.2 (HRV), 6.1 (GS). Ms 6.2 (BRK). At least 26 people killed, 100 injured and 800 houses destroyed in southwestern Fars Province. Felt at Kazerun and Shiraz. Also felt in parts of Bushehr and Kohkiluyeh va Buyer Ahmadi Provinces.

Moment Tensor (GS): Dep 14; Principal axes (scale 10**18 Nm): (T) Val=1.70, Plg=2, Azm=90; (N) Val=0.05, Plg=86, Azm=208; (P) Val=-1.76, Plg=4, Azm=360; Best double couple: Mo=1.7*10**18 Nm; NP1: Strike=135, Dip=86, Slip=-179; NP2: Strike=45, Dip=89, Slip=-4.

Centroid, Moment Tensor (HRV): Centroid origin time 23:00:58.3; Lat 29.34 N; Lon 52.03 E; Dep 17.4 Fix; Half-duration 3.5 sec; Principal axes (scale 10**18 Nm): (T) Val=2.69, Plg=6, Azm=277; (N) Val=-0.44, Plg=74, Azm=165; (P) Val=-2.25, Plg=14, Azm=8; Best double couple: Mo=2.5*10**18 Nm; NP1: Strike=52, Dip=76, Slip=-6; NP2: Strike=143, Dip=84, Slip=-165.

06	23	13	24.8	29.397	N	51.901	E	33	N	5.3		0.9	243	SOUTHERN IRAN
06	23	26	20.6*	29.221	N	51.602	E	33	N	4.4		1.1	20	SOUTHERN IRAN
06	23	31	47.1	29.477	N	51.844	E	33	N	4.4		0.8	30	SOUTHERN IRAN
06	23	32	49.5&	62.417	N	149.579	W	62					53	CENTRAL ALASKA. <AEIC>. ML 3.1 (AEIC), 3.3 (PMR).
07	00	07	20.8&	18.210	N	67.480	W	10					5	MONA PASSAGE. <MPR>. MD 2.6 (MPR).
07	00	27	51.1	29.471	N	51.964	E	33	N	4.5		1.0	87	SOUTHERN IRAN
07	00	35	39.5&	55.670	N	161.029	W	110					14	ALASKA PENINSULA. <AEIC>.
07	00	56	21.3&	44.434	N	7.273	E	13					8	NORTHERN ITALY. <GEN>. ML 1.7 (GEN).
07	00	59	13.3?	21.09	S	173.77	W	33	N			0.9	9	TONGA ISLANDS
07	01	03	22.6	24.712	N	121.892	E	10	G	5.0	4.6	1.0	79	TAIWAN. Felt (IV JMA) at I-lan and (II JMA) at Taipei. Felt in much of northern Taiwan. Also felt (I JMA) on Yonaguni-jima, Ryukyu Islands.
07	01	05	00.6&	32.917	S	70.202	W	114					13	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.3 (GUC).
07	01	13	45.1&	31.646	S	70.091	W	126					7	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.6 (GUC).
07	02	10	41.9	7.506	S	31.605	E	10	G	5.2	4.6	0.7	185	LAKE TANGANYIKA REGION
07	02	41	24.2?	36.79	N	8.18	W	33	N			0.9	20	WEST OF GIBRALTAR. mbLg 2.6 (MDD).
07	03	05	21.7?	11.83	N	143.47	E	33	N			0.8	8	SOUTH OF MARIANA ISLANDS
07	03	32	00.2*	12.052	N	143.032	E	33	N			1.2	7	SOUTH OF MARIANA ISLANDS
07	03	36	33.2	29.429	N	52.021	E	33	N	4.6		1.0	91	SOUTHERN IRAN
07	04	01	14.5*	29.453	N	51.761	E	33	N	3.8		0.4	7	SOUTHERN IRAN
07	04	01	42.7	17.438	N	94.310	W	171		4.1		1.2	43	CHIAPAS, MEXICO. MD 4.4 (UNM).
07	04	04	46.2*	16.723	S	70.805	W	23		4.5		1.0	13	SOUTHERN PERU. Felt (II) at Arequipa.
07	04	26	47.2	29.492	N	52.010	E	33	N	4.6		0.8	83	SOUTHERN IRAN

07	04	28	41.9&	31.798	S	70.214	W	152					10	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.6 (GUC).
07	04	31	09.9&	18.260	N	64.030	W	147					7	VIRGIN ISLANDS. <MPR>. MD 3.8 (MPR).
07	05	29	10.0&	36.116	S	72.373	W	73					11	NEAR COAST OF CENTRAL CHILE. <GUC>.
07	06	14	13.7&	40.313	N	124.552	W	21					6	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 3.0 (GM). ML 3.1 (BRK).
07	07	10	33.4?	34.17	N	25.68	E	33	N	4.2		1.0	8	CRETE
07	07	17	50.1*	29.811	N	51.971	E	33	N	4.4		1.0	21	SOUTHERN IRAN
07	07	24	04.3*	46.691	N	27.495	W	10	G	4.2		1.0	23	NORTHERN MID-ATLANTIC RIDGE
07	08	17	38.9&	34.773	S	71.636	W	37					8	NEAR COAST OF CENTRAL CHILE. <GUC>.
07	08	35	10.7	29.447	N	51.901	E	33	N	4.7		0.7	36	SOUTHERN IRAN
07	09	57	05.6?	2.37	N	101.38	W	10	G	4.1		0.7	11	EAST CENTRAL PACIFIC OCEAN
07	10	07	30.8*	44.005	N	128.306	W	10	G	4.0		1.5	14	OFF COAST OF OREGON
07	10	12	26.0*	15.113	S	177.287	W	350	G	4.1		0.9	20	FIJI ISLANDS REGION
07	10	34	53.0&	33.279	S	72.095	W	8					12	OFF COAST OF CENTRAL CHILE. <GUC>.
07	10	50	58.8	46.150	N	12.502	E	10	G			1.0	31	NORTHERN ITALY. ML 3.2 (VIE), 2.8 (LDG), 2.7 (TRI), 2.7 (FUR), 2.6 (LJU).
07	11	28	37.3?	44.77	N	147.98	E	112	?			0.6	7	KURIL ISLANDS
07	11	44	25.1&	31.996	N	115.729	W	14					5	BAJA CALIFORNIA, MEXICO. <ECX>. MD 3.2 (ECX). ML 3.5 (PAS).
07	12	35	30.0&	32.000	N	115.725	W	14					6	CALIF.-BAJA CALIF. BORDER REGION. <ECX>. MD 3.3 (ECX). ML 3.5 (PAS).
07	12	48	27.0	35.093	N	138.139	E	33	N	4.8	4.2	1.3	53	EASTERN HONSHU, JAPAN. Felt (III JMA) in central Shizuoka and (II JMA) in other parts of Shizuoka, western Aichi, southern Chiba, southern Nagano and much of Yamanashi Prefectures. Also felt (II JMA) in the Tokyo area. Felt in much of central Honshu.
07	13	14	15.2&	53.778	N	165.273	W	69		4.4			79	FOX ISLANDS, ALEUTIAN ISLANDS. <AEIC>. ML 4.4 (AEIC).
07	13	15	58.4	29.292	N	52.099	E	33	N	4.4		0.7	29	SOUTHERN IRAN
07	13	39	18.5*	8.879	S	108.173	E	33	N	4.5		0.8	9	JAWA, INDONESIA
07	14	07	28.7	7.491	S	31.683	E	10	G	5.6		0.7	241	LAKE TANGANYIKA REGION
07	14	13	52.3	56.416	N	152.939	W	20	G	5.7	6.1	0.9	394	KODIAK ISLAND REGION. Mw 6.2 (GS), 6.2 (HRV). Me 5.8 (GS). Ms 6.1 (BRK). ML 5.7 (PMR). Felt at Kodiak. Broadband Source Parameters (GS): Dep 20; NP1: Strike=60, Dip=83, Slip=90; NP2: Strike=240, Dip=7, Slip=90; Radiated energy 1.2*10**13 Nm. Moment Tensor (GS): Dep 19; Principal axes (scale 10**18 Nm): (T) Val=2.54, Plg=49, Azm=328; (N) Val=0.05, Plg=0, Azm=59; (P) Val=-2.58, Plg=41, Azm=149; Best double couple: Mo=2.6*10**18 Nm; NP1: Strike=244, Dip=4, Slip=95; NP2: Strike=59, Dip=86, Slip=90. Centroid, Moment Tensor (HRV): Centroid origin time 14:13:58.1; Lat 56.21 N; Lon 152.58 W; Dep 19.0 Bdy; Half-duration 3.1 sec; Principal axes (scale 10**18 Nm): (T) Val=2.41, Plg=54, Azm=335; (N) Val=0.07, Plg=3, Azm=241; (P) Val=-2.49, Plg=36, Azm=149; Best double couple: Mo=2.5*10**18 Nm; NP1: Strike=225, Dip=9, Slip=74; NP2: Strike=61, Dip=81, Slip=93.
07	14	19	39.7?	18.64	N	145.67	E	250	G	4.6		1.1	9	MARIANA ISLANDS
07	14	28	23.2*	7.112	S	106.106	E	33	N	4.7		0.9	16	JAWA, INDONESIA
07	14	32	26.4	13.882	N	92.809	W	33	N	4.8		1.3	47	OFF COAST OF CHIAPAS, MEXICO. MD 4.9 (UNM), 4.4 (CASC).
07	15	19	25.6*	73.862	N	9.017	E	10	G	4.0		1.3	6	GREENLAND SEA
07	15	57	09.9*	6.114	S	151.276	E	54	?	4.6		1.3	16	NEW BRITAIN REGION, P.N.G.
07	16	16	58.1	56.366	N	152.805	W	10	G	4.7		1.0	101	KODIAK ISLAND REGION. ML 4.9 (PMR), 4.7 (AEIC).
07	16	20	41.1*	8.265	S	75.898	W	33	N			1.3	6	CENTRAL PERU
07	16	42	01.5	56.311	N	152.868	W	10	G	4.4		0.8	77	KODIAK ISLAND REGION. ML 4.6 (PMR), 4.5 (AEIC).
07	16	48	38.2	56.457	N	152.840	W	24	D	4.5		1.2	53	KODIAK ISLAND REGION. ML 4.3 (PMR), 3.7 (AEIC).
07	17	12	01.8	30.109	N	79.346	E	10	G	4.5		0.9	18	XIZANG-INDIA BORDER REGION
07	17	28	36.2&	31.676	S	71.560	W	29					9	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.5 (GUC).
07	18	12	27.8*	10.096	N	84.146	W	73		4.4		1.1	27	COSTA RICA. MD 4.6 (CASC).
07	18	24	24.2?	57.00	N	152.82	W	10	G			0.9	16	KODIAK ISLAND REGION. ML 2.7 (AEIC).
07	18	47	03.7	56.419	N	152.580	W	10	G	4.4		1.0	42	KODIAK ISLAND REGION. ML 4.1 (AEIC).
07	18	51	28.2&	32.318	S	71.385	W	46					8	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.3 (GUC).
07	19	06	28.2	56.310	N	152.754	W	10	G	3.9		1.0	31	KODIAK ISLAND REGION. ML 3.5 (AEIC).
07	19	49	40.8&	44.300	N	6.400	E	2					14	FRANCE. <LDG>. ML 2.0 (STR), 1.8 (LDG).
07	20	21	10.8*	30.028	N	51.846	E	33	N	4.3		0.9	14	NORTHERN IRAN
07	20	31	14.0&	31.583	S	69.823	W	151					12	SAN JUAN PROVINCE, ARGENTINA. <GUC>. MD 2.8 (GUC).
07	20	44	26.4*	2.315	N	128.553	E	268	?	4.3		0.4	15	HALMAHERA, INDONESIA
07	20	45	41.1&	37.320	N	1.280	W	12					5	SPAIN. <MDD>. mbLg 2.0 (MDD).
07	20	52	16.2	56.360	N	152.574	W	10	G	4.0		0.9	42	KODIAK ISLAND REGION. ML 4.0 (AEIC).
07	21	16	15.2?	29.74	N	51.60	E	33	N	4.2		1.3	13	SOUTHERN IRAN
07	21	19	15.1&	18.260	N	101.569	W	73					8	GUERRERO, MEXICO. <UNM>. MD 3.8 (UNM).
07	21	28	12.0	56.391	N	152.590	W	10	G	4.4		1.0	51	KODIAK ISLAND REGION. ML 4.2 (PMR), 4.0 (AEIC).
07	21	29	58.2	56.484	N	152.945	W	10	G	4.6		0.8	43	KODIAK ISLAND REGION
07	21	44	14.3&	31.159	S	71.807	W	23					11	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.3 (GUC).
07	21	50	23.1?	62.22	S	55.96	W	10	G	4.6		0.6	7	SOUTHWESTERN ATLANTIC OCEAN
07	22	17	52.6&	66.038	N	151.686	W	18					17	NORTHERN ALASKA. <AEIC>. ML 2.8 (AEIC).
07	22	23	17.7	56.387	N	152.921	W	10	G	3.8		0.8	15	KODIAK ISLAND REGION
07	22	39	09.3*	19.147	N	146.035	E	112	?	4.2		0.9	26	MARIANA ISLANDS REGION
07	22	41	31.3*	85.758	N	83.335	E	10	G	4.1		1.3	13	NORTH OF SEVERNAYA ZEMLYA
07	22	47	50.5&	4.495	N	75.646	W	4					5	COLOMBIA. <RSNC>. ML 2.5 (RSNC).
07	22	51	34.2	46.112	N	14.825	E	10	G			0.3	7	NORTHWESTERN BALKAN REGION. ML 2.1 (VIE), 1.5 (LJU).
07	23	03	55.4	39.015	N	21.645	E	23		4.2		0.8	92	GREECE. MD 4.2 (PDG).
07	23	20	02.1	32.545	N	130.936	E	170		4.5		1.1	64	KYUSHU, JAPAN
07	23	30	19.5&	25.417	S	64.139	W	33	N			1.1	6	SALTA PROVINCE, ARGENTINA
07	23	38	40.1&	18.010	N	66.410	W	5					4	PUERTO RICO REGION. <MPR>. MD 2.3 (MPR).
07	23	58	03.0	11.558	N	86.745	W	65		5.0	4.5	1.0	133	NEAR COAST OF NICARAGUA. Mw 5.1 (HRV). MD 5.3 (UPA). 4.7 (CASC). Centroid, Moment Tensor (HRV): Centroid origin time 23:58:05.3; Lat 11.48 N; Lon 86.70 W; Dep 71.5; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=5.43, Plg=32, Azm=63; (N) Val=0.81, Plg=47, Azm=293; (P) Val=-6.24, Plg=26, Azm=171; Best double couple: Mo=5.8*10**16 Nm; NP1: Strike=209, Dip=47, Slip=4; NP2: Strike=116, Dip=87, Slip=137.

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08  00 02 51.1%  6.583 S  147.073 E   10 G            0.3    5  EASTERN NEW GUINEA REG., P.N.G.
08  00 15 08.6* 34.392 S  179.194 W   58 ?  5.0       1.0   20  SOUTH OF KERMADEC ISLANDS. Mw 5.3 (HRV).
                                                               Centroid, Moment Tensor (HRV): Centroid origin time
                                                                00:15:05.4; Lat 33.71 S; Lon 178.16 W; Dep 15.0 Fix; Half-
                                                                duration 1.0 sec; Principal axes (scale 10**17 Nm): (T)
                                                                Val=0.83, Plg=56, Azm=279; (N) Val=0.29, Plg=4, Azm=16; (P)
                                                                Val=-1.12, Plg=34, Azm=109; Best double couple:
                                                                Mo=9.7*10**16 Nm; NP1: Strike=217, Dip=12, Slip=111; NP2:
                                                                Strike=15, Dip=79, Slip=86.
08  01 01 38.6? 45.63  N   15.38  E   10 G            1.2    4  NORTHWESTERN BALKAN REGION. ML 1.9 (VIE), 1.4 (LJU).
08  01 18 19.6? 27.22  S  178.56  W  350 G  4.6       1.4   20  KERMADEC ISLANDS REGION
08  01 42 03.4? 22.67  S  179.73  W  550 G  4.0       0.9   13  SOUTH OF FIJI ISLANDS
08  01 55 19.7* 13.503 N  144.819 E  126 D  4.7       1.0   24  MARIANA ISLANDS
08  03 15 57.9? 17.23  S  174.16  W   33 N  4.2       1.0   18  TONGA ISLANDS
08  03 17 45.3  51.682 N   16.277 E    5 G            0.7   32  POLAND. ML 4.2 (GRF), 3.7 (FUR), 3.7 (VIE).
08  03 59 44.0% 12.472 N  125.231 E   33 N            0.7    6  SAMAR, PHILIPPINE ISLANDS
08  04 05 53.4   2.499 S  142.130 E   33 N  5.2 4.4   0.9  103  NEAR N COAST OF NEW GUINEA, PNG. Mw 5.1 (HRV).
                                                               Centroid, Moment Tensor (HRV): Centroid origin time
                                                                04:05:52.0; Lat 2.57 S; Lon 142.44 E; Dep 15.0 Fix; Half-
                                                                duration 1.0 sec; Principal axes (scale 10**16 Nm): (T)
                                                                Val=4.98, Plg=60, Azm=30; (N) Val=0.37, Plg=9, Azm=284; (P)
                                                                Val=-5.35, Plg=28, Azm=188; Best double couple:
                                                                Mo=5.2*10**16 Nm; NP1: Strike=255, Dip=19, Slip=60; NP2:
                                                                Strike=106, Dip=74, Slip=100.
08  04 24 29.2* 10.862 S   66.595 E   10 G  4.1        0.7    8  MID-INDIAN RIDGE
08  04 28 39.6  46.052 N   14.772 E   10 G            0.3    7  NORTHWESTERN BALKAN REGION. ML 2.2 (VIE).
08  05 06 56.7  38.975 N   21.646 E   36    4.1       1.2   72  GREECE. MD 3.9 (PDG).
08  05 11 54.9  11.509 N   86.793 W   62    4.9 4.5   1.0  117  NEAR COAST OF NICARAGUA. Mw 5.2 (HRV). MD 4.4 (CASC).
                                                               Centroid, Moment Tensor (HRV): Centroid origin time
                                                                05:12:00.4; Lat 11.02 N; Lon 86.73 W; Dep 54.0; Half-
                                                                duration 1.0 sec; Principal axes (scale 10**16 Nm): (T)
                                                                Val=7.32, Plg=52, Azm=129; (N) Val=-1.97, Plg=32, Azm=274;
                                                                (P) Val=-5.36, Plg=17, Azm=15; Best double couple:
                                                                Mo=6.3*10**16 Nm; NP1: Strike=143, Dip=40, Slip=147; NP2:
                                                                Strike=260, Dip=70, Slip=55.
08  05 16 25.7* 11.607 N   86.829 W   59 *  4.4        1.3   26  NEAR COAST OF NICARAGUA. MD 4.0 (CASC).
08  05 18 03.3? 35.01  N    3.93  W   10 G            0.9   15  STRAIT OF GIBRALTAR. mbLg 2.7 (MDD).
08  05 36 41.1? 11.64  S   66.05  E   10 G  4.5       0.4    6  MID-INDIAN RIDGE
08  05 39 42.6* 53.044 N  166.672 W   33 N  3.6       0.7    9  FOX ISLANDS, ALEUTIAN ISLANDS
08  06 00 48.8% 11.079 N   60.814 W    5 G            0.7    8  WINDWARD ISLANDS. MD 2.7 (TRN).
08  06 09 40.3& 38.540 N    6.560 W    1                     11  SPAIN. <MDD>. mbLg 2.8 (MDD).
08  06 15 33.5  13.879 N   91.807 W   52    4.8 4.4   1.0  134  NEAR COAST OF GUATEMALA. MD 4.9 (UNM), 4.6 (CASC).
08  06 17 36.9& 18.230 N   67.100 W   13                      9  MONA PASSAGE. <MPR>. MD 3.3 (MPR).
08  06 27 57.8* 29.610 N   52.007 E   33 N  4.5       1.5   40  SOUTHERN IRAN
08  06 33 44.8  38.921 N   21.733 E   28    4.1       1.0   64  GREECE. ML 4.1 (ROM). MD 3.8 (PDG).
08  06 34 27.2& 34.816 S   70.449 W  144                      9  CHILE-ARGENTINA BORDER REGION. <GUC>.
08  06 57 30.4& 18.020 N   66.370 W   13                      5  PUERTO RICO REGION. <MPR>. MD 2.3 (MPR).
08  07 21 28.4  40.200 N   20.731 E   10 G  4.6       1.1   57  GREECE-ALBANIA BORDER REGION. MD 3.9 (PDG).
08  07 30 33.7& 61.403 N  151.133 W   59                     26  SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
08  07 54 38.9? 24.37  N  120.61  E   33 N  3.8       1.3    8  TAIWAN. Felt (IV JMA) in the epicentral area, (III JMA) at I-
                                                                lan and (I JMA) at Taipei.
08  08 17 57.9* 29.451 N   51.983 E   33 N  4.3       1.2   13  SOUTHERN IRAN
08  08 44 46.4& 39.686 N   29.465 E   10 G                   4  TURKEY. <ISK>. MD 2.2 (ISK).
08  09 31 04.8* 29.306 N   51.911 E   33 N  4.4       1.4   22  SOUTHERN IRAN
08  09 36 04.1  56.499 N  152.858 W   25 D  4.9 4.3   0.8  168  KODIAK ISLAND REGION. ML 4.9 (PMR), 4.7 (AEIC).
08  09 52 09.0& 44.300 N    7.600 E    2                      8  NORTHERN ITALY. <LDG>. ML 1.9 (LDG), 1.3 (STR).
08  10 00 50.3& 48.600 N    0.400 W   13                      7  FRANCE. <LDG>. ML 2.3 (LDG).
08  10 35 27.6& 34.435 S   70.420 W   14                      8  CHILE-ARGENTINA BORDER REGION. <GUC>.
08  10 44 57.5& 62.934 N  148.175 W   60                     49  CENTRAL ALASKA. <AEIC>. ML 2.9 (AEIC), 3.0 (PMR).
08  11 06 18.4% 45.118 N   28.393 E    5 G            0.9    7  UKRAINE-MOLDOVA-SW RUSSIA REGION
08  11 14 47.3  51.111 N   15.832 E    5 G            0.6    8  POLAND. ML 2.6 (VIE).
08  11 55 17.6*  5.053 S  141.635 E   33 N  4.2       1.2   12  NEW GUINEA, PAPUA NEW GUINEA
08  12 25 35.3& 16.314 N   99.165 W   16                     20  NEAR COAST OF GUERRERO, MEXICO. <UNM>. MD 4.0 (UNM).
08  12 36 00.3& 48.300 N    7.700 E    5                      7  FRANCE. <LDG>. ML 2.0 (LDG), 1.7 (STR).
08  12 52 35.0& 39.127 N   27.781 E    5                      4  TURKEY. <ISK>. MD 2.9 (ISK).
08  13 13 29.8& 36.680 N    2.220 W    0 G                   24  STRAIT OF GIBRALTAR. <MDD>. mbLg 2.7 (MDD). Felt (III) at
                                                                Roquetas de Mar, Spain.
08  13 51 45.2* 14.682 S  167.270 E  151 ?  4.2       0.8   35  VANUATU ISLANDS
08  13 52 41.4& 17.086 N   95.108 W  144                      7  OAXACA, MEXICO. <UNM>. MD 3.8 (UNM).
08  13 56 20.1% 40.034 N   75.713 E   33 N            0.2    7  KYRGYZSTAN-XINJIANG BORDER REG.
08  14 15 52.0& 32.099 S   71.257 W   70                     11  NEAR COAST OF CENTRAL CHILE. <GUC>.
08  14 23 49.8& 42.860 N    0.150 W    2 G                    7  PYRENEES. <STR>. ML 2.3 (STR), 2.0 (LDG).
08  14 25 34.1& 49.264 N  126.076 W   33    4.0               73  VANCOUVER ISLAND REGION. <PGC-P>. ML 3.8 (PGC). MD 3.5
                                                                (SEA). Felt at Tofino.
08  15 46 25.3* 46.613 N    8.341 E   10 G            0.6    6  SWITZERLAND. ML 2.3 (LDG), 2.2 (STR).
08  15 47 41.5* 29.617 N   51.856 E   33 N  4.4       1.4   18  SOUTHERN IRAN
08  16 41 08.7& 32.336 S   71.043 W   84                     10  NEAR COAST OF CENTRAL CHILE. <GUC>. MD 2.6 (GUC).
08  16 56 50.6* 35.550 N  141.995 E   33 N            0.7    7  NEAR EAST COAST OF HONSHU, JAPAN
08  17 27 51.8* 41.799 N   29.805 W   10 G  4.4       1.0   25  AZORES ISLANDS REGION
08  17 27 56.6& 63.361 N  145.221 W    3                     33  CENTRAL ALASKA. <AEIC>. ML 3.6 (AEIC), 3.8 (PMR).
08  17 37 00.6* 25.116 N  128.497 E   33 N  3.7       1.1   10  RYUKYU ISLANDS
08  17 44 08.3& 63.372 N  145.228 W    5                     27  CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC).
08  17 56 43.5  11.205 S  162.246 E   33 N  5.0 4.8   1.1   44  SOLOMON ISLANDS. Mw 5.3 (HRV).
                                                               Centroid, Moment Tensor (HRV): Centroid origin time
                                                                17:56:45.5; Lat 11.29 S; Lon 162.30 E; Dep 16.6; Half-
                                                                duration 1.2 sec; Principal axes (scale 10**16 Nm): (T)
                                                                Val=7.84, Plg=68, Azm=354; (N) Val=1.55, Plg=7, Azm=101;
                                                                (P) Val=-9.39, Plg=21, Azm=193; Best double couple:
                                                                Mo=8.6*10**16 Nm; NP1: Strike=295, Dip=25, Slip=115; NP2:
                                                                Strike=98, Dip=66, Slip=83.
08  18 02 30.3% 45.848 N   26.512 E  100 G            0.4    7  ROMANIA
08  19 01 18.3* 14.326 N   92.698 W   59 *  4.0       1.5   20  NEAR COAST OF CHIAPAS, MEXICO
08  19 29 36.0  11.280 S  162.262 E   33 N  4.8       1.0   25  SOLOMON ISLANDS
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08  19 44 35.9  45.449 N  151.630 E   63 D  6.2 5.3  0.8  511  KURIL ISLANDS. Mw 5.9 (GS), 5.9 (HRV). Me 5.9 (GS). Felt (I
                                                                 JMA) in eastern Hokkaido and in southeastern Aomori and
                                                                 northern Iwate Prefectures, Honshu.
                                                                Broadband Source Parameters (GS): Dep 54; NP1: Strike=77,
                                                                 Dip=80, Slip=95; NP2: Strike=230, Dip=11, Slip=64; Radiated
                                                                 energy 1.8*10**13 Nm.
                                                                Moment Tensor (GS): Dep 51; Principal axes (scale 10**17
                                                                 Nm): (T) Val=9.85, Plg=50, Azm=347; (N) Val=-3.58, Plg=2,
                                                                 Azm=254; (P) Val=-6.27, Plg=40, Azm=162; Best double
                                                                 couple: Mo=8.1*10**17 Nm; NP1: Strike=229, Dip=5, Slip=65;
                                                                 NP2: Strike=74, Dip=85, Slip=92.
                                                                Centroid, Moment Tensor (HRV): Centroid origin time
                                                                 19:44:38.6; Lat 45.34 N; Lon 151.76 E; Dep 49.0 Bdy; Half-
                                                                 duration 2.3 sec; Principal axes (scale 10**17 Nm): (T)
                                                                 Val=8.32, Plg=58, Azm=355; (N) Val=-0.47, Plg=5, Azm=257;
                                                                 (P) Val=-7.85, Plg=32, Azm=164; Best double couple:
                                                                 Mo=8.1*10**17 Nm; NP1: Strike=235, Dip=14, Slip=68; NP2:
                                                                 Strike=78, Dip=77, Slip=95.
08  19 48 30.4? 21.49  S  173.44  E   33 N  4.9      1.3   14  VANUATU ISLANDS REGION. Mw 5.7 (HRV).
                                                                Centroid, Moment Tensor (HRV): Centroid origin time
                                                                 19:48:28.2; Lat 21.29 S; Lon 174.14 E; Dep 35.5; Half-
                                                                 duration 1.7 sec; Principal axes (scale 10**17 Nm): (T)
                                                                 Val=3.36, Plg=0, Azm=247; (N) Val=0.02, Plg=85, Azm=157;
                                                                 (P) Val=-3.38, Plg=5, Azm=337; Best double couple:
                                                                 Mo=3.4*10**17 Nm; NP1: Strike=22, Dip=87, Slip=-3; NP2:
                                                                 Strike=112, Dip=87, Slip=-177.
08  20 01 21.5* 18.729 S  169.141 E  223 *          1.1   14  VANUATU ISLANDS
08  20 43 06.4  29.156 S   70.142 W  120 *  4.0     1.2   31  CENTRAL CHILE
08  21 10 22.8& 15.901 N   98.670 W    8                     8  OFF COAST OF GUERRERO, MEXICO. <UNM>. MD 4.1 (UNM).
08  21 17 39.1* 34.447 N   23.294 E   33 N  3.9     1.2   29  CRETE
08  21 18 14.8& 16.512 N   94.646 W  106                    13  OAXACA, MEXICO. <UNM>. MD 4.3 (UNM).
08  21 45 34.1  10.168 S  161.208 E   96 D  4.8     0.9   24  SOLOMON ISLANDS
08  21 48 46.9& 60.204 N  152.696 W  109                    16  SOUTHERN ALASKA. <AEIC>.
08  22 12 45.5  14.214 N   91.945 W   39    5.3 5.7  0.7  323  GUATEMALA. Mw 6.1 (GS), 6.1 (HRV). MD 5.4 (UNM). Felt at
                                                                 Guatemala City.
                                                                Moment Tensor (GS): Dep 36; Principal axes (scale 10**18
                                                                 Nm): (T) Val=1.37, Plg=80, Azm=334; (N) Val=0.15, Plg=10,
                                                                 Azm=135; (P) Val=-1.51, Plg=3, Azm=226; Best double couple:
                                                                 Mo=1.4*10**18 Nm; NP1: Strike=326, Dip=43, Slip=104; NP2:
                                                                 Strike=127, Dip=49, Slip=77.
                                                                Centroid, Moment Tensor (HRV): Centroid origin time
                                                                 22:12:50.4; Lat 14.19 N; Lon 92.38 W; Dep 32.1 Fix; Half-
                                                                 duration 2.7 sec; Principal axes (scale 10**18 Nm): (T)
                                                                 Val=1.32, Plg=72, Azm=48; (N) Val=0.06, Plg=7, Azm=297; (P)
                                                                 Val=-1.38, Plg=17, Azm=205; Best double couple:
                                                                 Mo=1.4*10**18 Nm; NP1: Strike=285, Dip=29, Slip=76; NP2:
                                                                 Strike=121, Dip=62, Slip=97.
08  22 40 02.4* 46.005 N   15.207 E   10 G          0.3    5  NORTHWESTERN BALKAN REGION. ML 2.0 (VIE), 1.5 (LJU).
08  22 48 48.0? 13.73  N   92.30  W   33 N  3.8     1.5    9  OFF COAST OF CHIAPAS, MEXICO
08  23 40 13.3& 38.170 N    2.340 W    0 G                  17  SPAIN. <MDD>. mbLg 2.0 (MDD).
08  23 52 00.8* 34.039 N  140.293 E  104 *  3.7     0.4   12  NEAR EAST COAST OF HONSHU, JAPAN
09  00 06 45.2& 16.913 N   99.881 W   40                    17  NEAR COAST OF GUERRERO, MEXICO. <UNM>. MD 3.9 (UNM).
09  00 35 02.9  16.102 S  172.961 W   33 N  4.8 4.7  1.0   68  SAMOA ISLANDS REGION. Mw 5.2 (HRV).
                                                                Centroid, Moment Tensor (HRV): Centroid origin time
                                                                 00:35:08.5; Lat 16.15 S; Lon 172.43 W; Dep 15.0 Fix; Half-
                                                                 duration 1.0 sec; Principal axes (scale 10**16 Nm): (T)
                                                                 Val=9.10, Plg=65, Azm=24; (N) Val=-3.86, Plg=24, Azm=193;
                                                                 (P) Val=-5.24, Plg=4, Azm=285; Best double couple:
                                                                 Mo=7.2*10**16 Nm; NP1: Strike=38, Dip=46, Slip=125; NP2:
                                                                 Strike=174, Dip=54, Slip=60.
09  00 48 09.8& 38.170 N    2.310 W    0                    10  SPAIN. <MDD>. mbLg 1.6 (MDD).
09  01 46 25.9  30.563 S   71.262 W   55 D  4.5     1.0   56  NEAR COAST OF CENTRAL CHILE. MD 4.5 (GUC). Felt (IV) at
                                                                 Combarbala, Coquimbo, Hurtado, La Serena, Monte Patria,
                                                                 Ovalle, Punitaqui and Vicuna; (II) at Illapel.
09  02 03 30.5& 42.831 N   17.904 E    9                    13  ADRIATIC SEA. <PDG>. ML 2.7 (VIE). MD 2.4 (PDG).
09  02 06 11.6& 42.594 N   19.033 E   17                     9  NORTHWESTERN BALKAN REGION. <PDG>. MD 1.4 (PDG).
09  02 44 51.5? 53.82  N  169.22  E   33 N  3.8     1.4    9  KOMANDORSKY ISLANDS REGION
09  03 53 27.3   0.533 S  135.509 E   33 N  4.8 4.2  1.1   36  IRIAN JAYA REGION, INDONESIA
09  04 27 51.2* 11.971 N  144.134 E   33 N  4.4     1.4   19  SOUTH OF MARIANA ISLANDS
09  04 34 47.1* 33.274 N  139.196 E   33 N          1.0   10  SOUTH OF HONSHU, JAPAN
09  04 48 30.2& 39.880 N   22.430 E    5                    11  GREECE. <ATH>. MD 3.2 (ATH).
09  04 49 53.8& 34.471 S   70.426 W   11                    12  CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.5 (GUC).
09  05 06 19.3& 39.460 N   21.510 E   37                     7  GREECE. <ATH>. MD 3.1 (ATH).
09  05 09 12.0* 14.562 S  166.660 E   33 N          1.0   41  VANUATU ISLANDS
09  05 11 46.9*  7.310 N  126.854 E   33 N  4.5     1.0   24  MINDANAO, PHILIPPINE ISLANDS
09  05 26 14.6  33.225 N  139.367 E   33 N  4.3     1.0   18  SOUTH OF HONSHU, JAPAN
09  05 26 57.1  45.910 N   15.280 E   10 G          0.3    9  NORTHWESTERN BALKAN REGION. ML 2.3 (VIE), 1.7 (LJU).
09  06 11 19.7& 60.940 N  152.290 W  108                    30  SOUTHERN ALASKA. <AEIC>.
09  06 26 35.0& 43.400 N    0.600 W   12                     4  PYRENEES. <LDG>. ML 1.7 (LDG).
09  06 45 59.0? 11.83  S   65.97  E   10 G          0.9   11  MID-INDIAN RIDGE
09  06 48 23.3& 18.960 N   64.100 W   74                     9  VIRGIN ISLANDS. <MPR>. MD 3.5 (MPR).
09  07 13 53.8  29.272 S   68.653 W  111 D  4.4     1.0   58  SAN JUAN PROVINCE, ARGENTINA
09  07 16 49.0& 38.320 N   21.470 E   38                    10  GREECE. <ATH>. MD 3.3 (ATH).
09  08 29 15.4& 13.756 N   92.055 W   17    4.2            13  OFF COAST OF CHIAPAS, MEXICO. <UNM>. MD 4.2 (UNM).
09  08 38 23.1& 15.426 N   96.955 W    7                     8  NEAR COAST OF OAXACA, MEXICO. <UNM>. MD 3.9 (UNM).
09  08 47 50.8  34.456 N   32.259 E   10 G          0.9   15  CYPRUS REGION. MD 3.7 (ISK).
09  09 25 17.4& 37.020 N   22.580 E    5                     7  SOUTHERN GREECE. <ATH>. ML 3.0 (ATH).
09  09 41 36.3& 18.010 N   66.370 W   12                     5  PUERTO RICO REGION. <MPR>. MD 2.2 (MPR).
09  09 52 15.0? 37.00  N   22.42  W   10 G          1.0   37  NORTH ATLANTIC OCEAN. mbLg 3.2 (MDD).
09  10 01 53.4& 40.406 N   26.224 E    8                     6  TURKEY. <ISK>. MD 2.8 (ISK).
09  10 58 33.6* 50.474 N   18.857 E    5 G          1.4    6  POLAND. MG 2.5 (WAR).
09  11 18 20.4& 32.957 S   70.240 W   99                    12  CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.6 (GUC).
09  11 35 28.6  34.335 S   71.177 W   33 N          0.6   10  NEAR COAST OF CENTRAL CHILE. MD 2.7 (GUC).
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09  11 43 53.9* 29.314 N   52.025 E   33 N  4.1       1.3   20  SOUTHERN IRAN
09  12 28 11.1  10.885 S   66.630 E   10 G  4.9 4.4   1.1   61  MID-INDIAN RIDGE. Mw 5.0 (HRV).
                                                               Centroid, Moment Tensor (HRV): Centroid origin time
                                                                12:28:11.1; Lat 10.89 S Fix; Lon 66.63 E Fix; Dep 15.0 Fix;
                                                                Half-duration 1.0 sec; Principal axes (scale 10**16 Nm):
                                                                (T) Val=4.45, Plg=24, Azm=222; (N) Val=-1.69, Plg=55,
                                                                Azm=92; (P) Val=-2.76, Plg=24, Azm=323; Best double couple:
                                                                Mo=3.6*10**16 Nm; NP1: Strike=2, Dip=55, Slip=0; NP2:
                                                                Strike=92, Dip=90, Slip=-145.
09  12 39 05.6& 10.899 N   62.177 W   85                        8  NEAR COAST OF VENEZUELA. <TRN>. MD 3.2 (TRN).
09  13 20 40.0* 53.081 N  164.014 W   33 N  4.0       1.3    8  UNIMAK ISLAND REGION
09  13 32 16.3& 44.200 N    6.300 E    2                       12  FRANCE. <LDG>. ML 2.0 (STR), 1.7 (LDG).
09  13 32 38.5& 37.770 N    4.630 W   16                       11  SPAIN. <MDD>. mbLg 1.8 (MDD).
09  13 38 13.0* 50.015 N  156.178 E   96 *  3.7       0.9   14  KURIL ISLANDS
09  13 45 35.3*  9.599 S  150.746 E   33 N            0.8    7  EASTERN NEW GUINEA REG., P.N.G.
09  14 24 28.1* 25.833 N  128.268 E   33 N  4.3       1.1   18  RYUKYU ISLANDS
09  14 53 12.2& 36.800 N    5.470 W    0 G                    15  STRAIT OF GIBRALTAR. <MDD>. mbLg 2.5 (MDD).
09  14 54 33.7& 39.204 N   27.042 E   10                      12  TURKEY. <ISK>. MD 3.7 (ATH), 3.3 (ISK).
09  15 03 57.5*  0.870 N   99.001 E  125 ?  4.7       0.8   32  NORTHERN SUMATERA, INDONESIA
09  15 05 30.0& 36.810 N    5.500 W    0 G                     6  STRAIT OF GIBRALTAR. <MDD>. mbLg 2.1 (MDD).
09  15 08 09.1& 36.810 N    5.510 W    0 G                    20  STRAIT OF GIBRALTAR. <MDD>. mbLg 2.8 (MDD). Felt (III) at El
                                                                Bosque and Prado del Rey, Spain.
09  15 11 17.7  52.154 N  169.477 W   33 N  4.1       0.8   17  FOX ISLANDS, ALEUTIAN ISLANDS
09  15 11 58.6& 36.810 N    5.470 W    0 G                     5  STRAIT OF GIBRALTAR. <MDD>. mbLg 1.8 (MDD).
09  15 24 29.1& 36.840 N    5.510 W    0 G                     6  STRAIT OF GIBRALTAR. <MDD>. mbLg 1.9 (MDD).
09  15 38 56.0& 42.480 N   18.457 E   12                       9  NORTHWESTERN BALKAN REGION. <PDG>. MD 1.9 (PDG).
09  15 44 56.6& 37.020 N    5.340 W    0 G                     6  SPAIN. <MDD>. mbLg 2.2 (MDD).
09  16 07 28.5& 41.806 N   20.113 E   15                       9  ALBANIA. <PDG>. MD 2.1 (PDG).
09  16 19 24.7* 49.846 N   18.261 E   10 G            0.6    6  CZECH AND SLOVAK REPUBLICS. MG 2.5 (WAR).
09  16 30 38.6& 44.515 N    6.837 E    0                       4  FRANCE. <GEN>. ML 1.7 (GEN).
09  17 05 29.7  40.454 N   26.201 E   10 G            1.3   11  TURKEY. MD 3.2 (ATH), 3.0 (ISK).
09  17 24 58.9& 36.810 N    5.530 W    0 G                    25  STRAIT OF GIBRALTAR. <MDD>. mbLg 2.9 (MDD). Felt (III) at El
                                                                Bosque and Prado del Rey, Spain.
09  17 44 54.2   5.330 S  142.066 E   33 N            0.8   10  NEW GUINEA, PAPUA NEW GUINEA
09  17 53 11.9& 59.940 N  152.700 W  105                      41  SOUTHERN ALASKA. <AEIC>.
09  18 15 28.0? 20.52  S  178.77  W  610 ?  4.7       1.2   14  FIJI ISLANDS REGION
09  18 27 45.5& 36.830 N    5.530 W    0 G                     5  STRAIT OF GIBRALTAR. <MDD>. mbLg 1.8 (MDD).
09  18 33 46.3* 43.539 S   82.376 W   10 G  4.6       0.6   10  WEST CHILE RISE
09  18 41 33.3& 38.310 N    3.330 W    6                      16  SPAIN. <MDD>. mbLg 2.4 (MDD).
09  18 56 04.7  42.455 S   83.828 E   10 G  5.6 4.9   0.9   92  MID-INDIAN RIDGE. Mw 5.7 (GS), 5.5 (HRV).
                                                               Moment Tensor (GS): Dep 3; Principal axes (scale 10**17 Nm):
                                                                (T) Val=3.63, Plg=50, Azm=223; (N) Val=1.99, Plg=40,
                                                                Azm=55; (P) Val=-5.63, Plg=6, Azm=320; Best double couple:
                                                                Mo=4.6*10**17 Nm; NP1: Strike=15, Dip=52, Slip=36; NP2:
                                                                Strike=261, Dip=63, Slip=136.
                                                               Centroid, Moment Tensor (HRV): Centroid origin time
                                                                18:56:13.9; Lat 42.39 S; Lon 83.89 E; Dep 15.0 Fix; Half-
                                                                duration 1.5 sec; Principal axes (scale 10**17 Nm): (T)
                                                                Val=2.18, Plg=63, Azm=200; (N) Val=0.03, Plg=27, Azm=31;
                                                                (P) Val=-2.21, Plg=5, Azm=299; Best double couple:
                                                                Mo=2.2*10**17 Nm; NP1: Strike=3, Dip=47, Slip=52; NP2:
                                                                Strike=232, Dip=55, Slip=123.
09  18 58 43.1& 39.130 N   21.840 E   25                       5  GREECE. <ATH>. MD 3.1 (ATH).
09  19 04 43.4& 40.421 N   29.207 E    9                       7  TURKEY. <ISK>. MD 2.7 (ISK).
09  19 16 07.2& 42.956 N   17.423 E    5                      10  ADRIATIC SEA. <PDG>. MD 2.6 (PDG).
09  19 36 01.0& 33.428 S   73.190 W   14                      12  OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.7 (GUC).
09  19 41 17.4& 38.250 N   21.730 E    5                       4  GREECE. <ATH>. MD 3.0 (ATH).
09  20 18 34.5& 36.830 N    5.470 W    0 G                     6  STRAIT OF GIBRALTAR. <MDD>. mbLg 1.8 (MDD).
09  20 35 08.4  13.640 N  120.764 E  129 D  5.0       1.0   83  MINDORO, PHILIPPINE ISLANDS
09  21 15 43.1* 55.369 S   29.092 W   33 N  4.4       0.7   14  SOUTH SANDWICH ISLANDS REGION
09  21 32 15.5& 65.510 N  143.100 W    6                      39  NORTHERN ALASKA. <AEIC>. ML 3.3 (AEIC), 3.3 (PGC), 3.2 (PMR).
09  21 38 04.4  36.750 N   73.213 E   33 N  4.9 4.8   1.3  145  NORTHWESTERN KASHMIR. Mw 5.3 (HRV).
                                                               Centroid, Moment Tensor (HRV): Centroid origin time
                                                                21:38:11.1; Lat 36.75 N Fix; Lon 73.21 E Fix; Dep 69.2;
                                                                Half-duration 1.2 sec; Principal axes (scale 10**17 Nm):
                                                                (T) Val=1.08, Plg=9, Azm=104; (N) Val=-0.11, Plg=38, Azm=7;
                                                                (P) Val=-0.98, Plg=51, Azm=205; Best double couple:
                                                                Mo=1.0*10**17 Nm; NP1: Strike=229, Dip=49, Slip=-36; NP2:
                                                                Strike=345, Dip=64, Slip=-133.
09  21 42 48.0*  9.103 N  126.474 E   33 N  4.6       1.3   21  MINDANAO, PHILIPPINE ISLANDS
09  21 48 59.1& 34.176 S   69.513 W   16                      11  CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.3 (GUC).
09  22 20 35.9& 61.230 N  140.300 W    0                      32  SOUTHERN YUKON TERRITORY, CANADA. <AEIC>. ML 3.0 (AEIC), 3.4
                                                                (PGC).
09  23 40 51.2* 37.862 N  142.724 E   33 N  4.4       1.4   23  OFF EAST COAST OF HONSHU, JAPAN
10  00 14 58.7& 37.390 N    2.160 W    1                      20  SPAIN. <MDD>. mbLg 2.2 (MDD).
10  00 30 47.7& 44.300 N    7.500 E   20                       4  NORTHERN ITALY. <LDG>. ML 1.6 (LDG).
10  00 58 22.3? 11.74  S   66.50  E   10 G            1.1   10  MID-INDIAN RIDGE
10  00 58 41.2& 44.249 N    7.439 E    6                      19  NORTHERN ITALY. <GEN>. ML 2.1 (GEN), 1.8 (LDG), 1.7 (STR).
10  01 39 32.3& 18.220 N   99.719 W   75                       4  GUERRERO, MEXICO. <UNM>. MD 3.4 (UNM).
10  02 01 51.5& 32.160 S   70.242 W  115                      15  CHILE-ARGENTINA BORDER REGION. <GUC>.
10  02 27 37.7& 32.675 S   71.530 W   25                      11  NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.3 (GUC).
10  02 55 14.0& 34.591 S   70.499 W  141                      11  CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.9 (GUC).
10  03 08 10.5? 29.49  N   52.42  E   33 N  4.2       1.4   14  SOUTHERN IRAN
10  03 58 09.8   7.778 S   75.714 W   33 N  4.3       0.9   31  NORTHERN PERU
10  04 36 52.6& 33.014 S   69.943 W    3                      10  CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.3 (GUC).
10  04 54 04.7& 59.635 N  153.438 W  115                      18  SOUTHERN ALASKA. <AEIC>.
10  05 09 45.0& 33.159 S   70.312 W  103                      11  CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.8 (GUC).
10  05 48 43.1* 34.105 S  179.834 W  100 G            0.9   14  SOUTH OF KERMADEC ISLANDS
10  07 03 01.9& 54.484 N  163.686 W  114                      15  UNIMAK ISLAND REGION. <AEIC>.
10  07 09 31.8  37.578 N  141.772 E   61 *  4.3 4.3   0.9   83  NEAR EAST COAST OF HONSHU, JAPAN. Felt (I JMA) in eastern
                                                                Fukushima and northeastern Miyagi Prefectures.
10  07 24 36.4& 32.617 S   71.528 W   15                      11  NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.3 (GUC).
10  07 36 42.6& 62.922 N  149.522 W   80                      31  CENTRAL ALASKA. <AEIC>.
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10  08 12 03.3& 36.410 N    5.750 W   5                     8  STRAIT OF GIBRALTAR. <MDD>. mbLg 2.7 (MDD).
10  08 43 14.0& 62.841 N  150.492 W  88                     8  CENTRAL ALASKA. <AEIC>.
10  08 47 25.0  30.397 S   69.163 W  65    5.2       0.9  142  CHILE-ARGENTINA BORDER REGION. Mw 5.2 (HRV). MD 4.8 (GUC).
                                                               Centroid, Moment Tensor (HRV): Centroid origin time
                                                                08:47:26.7; Lat 29.51 S; Lon 69.05 W; Dep 67.5; Half-
                                                                duration 1.0 sec; Principal axes (scale 10**16 Nm): (T)
                                                                Val=6.32, Plg=35, Azm=333; (N) Val=1.00, Plg=50, Azm=186;
                                                                (P) Val=-7.32, Plg=17, Azm=75; Best double couple:
                                                                Mo=6.8*10**16 Nm; NP1: Strike=119, Dip=53, Slip=15; NP2:
                                                                Strike=20, Dip=78, Slip=142.
10  09 12 57.4? 52.92  N  175.49  W  222 ?  3.7       0.8   10  ANDREANOF ISLANDS, ALEUTIAN IS.
10  09 17 40.0* 31.431 S   68.828 W  100 G            0.9   13  SAN JUAN PROVINCE, ARGENTINA. MD 3.9 (GUC).
10  10 01 55.6& 53.855 N  165.639 W   73                     7  FOX ISLANDS, ALEUTIAN ISLANDS. <AEIC>.
10  10 02 23.8  20.104 S  133.869 E   10 G  4.4       1.0   22  NORTHERN TERRITORY, AUSTRALIA
10  10 20 07.1* 28.304 N  130.262 E   33 N            0.8    8  RYUKYU ISLANDS. Felt (I JMA) on Amami-O-shima and Kikai-jima.
10  10 34 36.1* 39.222 N   26.225 E   33 N            1.2    5  TURKEY
10  10 42 57.2& 38.807 N  122.810 W    2                    15  NORTHERN CALIFORNIA. <GM-P>. MD 3.1 (GM).
10  11 05 53.7  46.408 N   13.352 E   10 G            1.3   11  AUSTRIA. ML 2.4 (VIE), 1.9 (LJU).
10  11 55 24.7  11.658 S  166.289 E   83 ?  5.0 5.2   1.0   79  SANTA CRUZ ISLANDS. Mw 5.7 (HRV).
                                                               Centroid, Moment Tensor (HRV): Centroid origin time
                                                                11:55:23.9; Lat 11.69 S; Lon 166.05 E; Dep 51.0 Bdy; Half-
                                                                duration 1.8 sec; Principal axes (scale 10**17 Nm): (T)
                                                                Val=3.91, Plg=82, Azm=309; (N) Val=0.46, Plg=5, Azm=178;
                                                                (P) Val=-4.36, Plg=6, Azm=88; Best double couple:
                                                                Mo=4.1*10**17 Nm; NP1: Strike=172, Dip=39, Slip=82; NP2:
                                                                Strike=3, Dip=51, Slip=97.
10  12 12 54.5& 36.460 N    4.730 W    0 G                    5  STRAIT OF GIBRALTAR. <MDD>. mbLg 2.0 (MDD).
10  12 58 07.0* 29.854 N  141.246 E   73 ?  3.7       1.3   15  SOUTH OF HONSHU, JAPAN
10  13 58 21.1* 13.927 N  119.431 E   33 N  4.3       1.0   16  PHILIPPINE ISLANDS REGION
10  14 02 43.1& 39.196 N   27.063 E   10                    4  TURKEY. <ISK>. MD 2.8 (ISK).
10  14 25 20.7   8.097 S  130.403 E   33 N  4.7       1.3   21  TANIMBAR ISLANDS REG., INDONESIA
10  14 31 07.8& 40.590 N   30.789 E    5                    5  TURKEY. <ISK>. MD 2.7 (ISK).
10  14 39 09.1& 16.664 N  100.477 W    5                   19  NEAR COAST OF GUERRERO, MEXICO. <UNM>. MD 4.1 (UNM).
10  14 56 33.4& 39.222 N   27.264 E    9                    5  TURKEY. <ISK>. MD 2.8 (ISK).
10  15 02 21.0* 26.021 N  109.678 W   10 G            1.2    8  GULF OF CALIFORNIA
10  15 22 57.8& 54.588 N  162.571 W    8                   10  ALASKA PENINSULA. <AEIC>. ML 2.7 (AEIC).
10  15 49 55.0  16.441 S  167.374 E   33 N  4.7       1.1   45  VANUATU ISLANDS
10  15 51 08.2* 29.169 N   51.878 E   33 N  4.3       1.3   19  SOUTHERN IRAN
10  16 03 12.3& 17.890 N   68.440 W   92                    8  MONA PASSAGE. <MPR>. MD 3.6 (MPR).
10  16 03 45.6& 34.613 S   70.862 W   97                   12  CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.2 (GUC).
10  16 23 21.3& 18.320 N   67.790 W   51                    4  MONA PASSAGE. <MPR>. MD 2.9 (MPR).
10  16 23 53.6& 53.778 N  163.959 W   17                   15  UNIMAK ISLAND REGION. <AEIC>. ML 3.1 (AEIC).
10  16 28 34.9& 33.520 S   70.396 W  101                   12  CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.7 (GUC).
10  16 35 43.7& 39.140 N   27.586 E   10 G                    5  TURKEY. <ISK>. MD 2.8 (ISK).
10  17 09 45.1* 29.380 N   51.868 E   33 N  4.2       0.8   15  SOUTHERN IRAN
10  17 19 21.5& 38.300 N   24.140 E    8                    4  AEGEAN SEA. <ATH>. ML 2.8 (ATH).
10  18 27 17.8& 33.864 S   70.711 W   84                   11  CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.8 (GUC).
10  18 29 08.0% 29.222 N   52.325 E   33 N            1.4   12  SOUTHERN IRAN
10  18 57 17.6* 18.613 S  172.674 W   68 D  4.6       1.1   34  TONGA ISLANDS REGION
10  19 55 44.7* 26.912 S   26.782 E   10 G            1.3   12  REPUBLIC OF SOUTH AFRICA
10  20 21 40.3  28.150 N  129.846 E   60 D  4.0       0.8   18  RYUKYU ISLANDS. Felt (II JMA) on Amami-O-shima and (I JMA)
                                                                on Kikai-jima.
10  20 33 02.0   5.159 S  150.880 E  138 D  6.5 6.8   0.9  430  NEW BRITAIN REGION, P.N.G. Mw 7.1 (GS), 7.1 (HRV). Me 7.0
                                                                (GS). mb 6.5 (BRK). Felt on New Britain. Also felt at Port
                                                                Moresby, New Guinea.
                                                               Broadband Source Parameters (GS): Dep 124; NP1: Strike=45,
                                                                Dip=50, Slip=-75; NP2: Strike=202, Dip=42, Slip=-107;
                                                                Radiated energy 7.7*10**14 Nm.
                                                               Moment Tensor (GS): Dep 136; Principal axes (scale 10**19
                                                                Nm): (T) Val=4.10, Plg=9, Azm=154; (N) Val=1.48, Plg=14,
                                                                Azm=246; (P) Val=-5.58, Plg=73, Azm=30; Best double couple:
                                                                Mo=4.8*10**19 Nm; NP1: Strike=228, Dip=38, Slip=-113; NP2:
                                                                Strike=75, Dip=56, Slip=-74.
                                                               Centroid, Moment Tensor (HRV): Centroid origin time
                                                                20:33:09.5; Lat 5.38 S; Lon 150.97 E; Dep 144.6; Half-
                                                                duration 9.3 sec; Principal axes (scale 10**19 Nm): (T)
                                                                Val=4.37, Plg=4, Azm=137; (N) Val=0.59, Plg=25, Azm=229;
                                                                (P) Val=-4.97, Plg=64, Azm=38; Best double couple:
                                                                Mo=4.7*10**19 Nm; NP1: Strike=202, Dip=47, Slip=-126; NP2:
                                                                Strike=69, Dip=54, Slip=-58.
                                                               Scalar Moment (PPT): Mo=4.4*10**19 Nm.
10  20 54 14.5% 13.635 N  124.260 E   33 N            0.4    7  LUZON, PHILIPPINE ISLANDS
10  20 58 23.7* 46.905 N  150.919 E   33 N  4.2       1.3   12  KURIL ISLANDS
10  21 15 19.0* 56.388 S   26.913 W   33 N  4.5       1.2   19  SOUTH SANDWICH ISLANDS REGION
10  21 23 46.1& 44.564 N    6.852 E    2                   30  FRANCE. <GEN>. ML 2.3 (GEN), 2.0 (STR), 1.9 (LDG).
10  21 26 53.3* 19.929 S  168.045 E   33 N  4.9       1.3   32  VANUATU ISLANDS
10  21 53 11.5& 16.063 N   61.358 W   13                    8  LEEWARD ISLANDS. <TRN>. MD 3.3 (TRN).
10  22 17 50.7* 41.146 N   24.403 E   10 G            1.3   10  GREECE-BULGARIA BORDER REGION
10  22 22 26.7? 53.11  N  170.88  W  117 ?            1.2    9  FOX ISLANDS, ALEUTIAN ISLANDS
10  23 03 28.6* 10.572 S   66.645 E   10 G            0.9   15  MID-INDIAN RIDGE
10  23 26 01.0   6.302 S  147.592 E   85    4.6       0.8   20  EASTERN NEW GUINEA REG., P.N.G.
10  23 40 31.5& 18.560 N   67.620 W    6                    4  MONA PASSAGE. <MPR>. MD 2.5 (MPR).
10  23 53 45.4& 46.300 N    3.300 E   12                   14  FRANCE. <LDG>. ML 2.0 (LDG), 1.9 (STR).
10  23 57 46.8* 59.068 S   25.600 W   33 N  4.5       0.9   23  SOUTH SANDWICH ISLANDS REGION
11  01 00 40.9  36.102 S  110.640 W   10 G  5.1 5.5   0.8   68  SOUTHERN EAST PACIFIC RISE. Mw 6.0 (HRV).
                                                               Centroid, Moment Tensor (HRV): Centroid origin time
                                                                01:00:48.2; Lat 36.55 S; Lon 110.46 W; Dep 15.0 Fix; Half-
                                                                duration 2.5 sec; Principal axes (scale 10**18 Nm): (T)
                                                                Val=1.27, Plg=18, Azm=242; (N) Val=-0.16, Plg=70, Azm=89;
                                                                (P) Val=-1.11, Plg=8, Azm=334; Best double couple:
                                                                Mo=1.2*10**18 Nm; NP1: Strike=19, Dip=71, Slip=7; NP2:
                                                                Strike=287, Dip=84, Slip=161.
11  01 14 38.4  32.066 S   71.984 W   10 G            0.5   17  NEAR COAST OF CENTRAL CHILE. MD 4.3 (GUC).
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11	04	22	03.3&	53.591	N	165.404	W	51		5.0		279	FOX ISLANDS, ALEUTIAN ISLANDS. <AEIC>. Mw 5.4 (HRV). ML 5.1 (AEIC). Felt strongly at Dutch Harbor. Also felt at Akutan and Unalaska. Centroid, Moment Tensor (HRV): Centroid origin time 04:22:00.6; Lat 52.94 N; Lon 165.80 W; Dep 69.2; Half-duration 1.3 sec; Principal axes (scale 10**17 Nm): (T) Val=1.50, Plg=55, Azm=272; (N) Val=0.07, Plg=22, Azm=37; (P) Val=-1.57, Plg=26, Azm=138; Best double couple: Mo=1.5*10**17 Nm; NP1: Strike=268, Dip=27, Slip=144; NP2: Strike=31, Dip=74, Slip=67.
11	04	31	54.9&	46.300	N	7.400	E	2				4	SWITZERLAND. <LDG>. ML 2.0 (LDG).
11	04	35	15.3&	40.654	N	29.102	E	10	G			4	TURKEY. <ISK>. MD 2.8 (ISK).
11	05	04	54.5	6.198	N	148.742	E	10	G	4.8	0.9	37	E. CAROLINE ISLANDS, MICRONESIA
11	05	08	49.1*	8.070	S	108.705	E	33	N	4.7	1.3	16	JAWA, INDONESIA
11	05	16	01.8*	5.343	S	146.841	E	242		4.2	0.7	12	EASTERN NEW GUINEA REG., P.N.G.
11	05	26	46.0&	10.671	N	62.245	W	59				4	NEAR COAST OF VENEZUELA. <TRN>. MD 3.3 (TRN).
11	05	27	57.9&	10.438	N	62.500	W	3				4	NEAR COAST OF VENEZUELA. <TRN>. MD 3.2 (TRN).
11	05	31	47.8&	53.550	N	165.318	W	58				9	FOX ISLANDS, ALEUTIAN ISLANDS. <AEIC>. ML 2.9 (AEIC).
11	06	45	15.0&	61.698	N	146.546	W	20				56	SOUTHERN ALASKA. <AEIC>. ML 3.0 (AEIC), 3.2 (PMR).
11	07	12	40.7*	22.529	N	142.962	E	182	?	4.2	1.3	14	VOLCANO ISLANDS REGION
11	07	45	38.0&	16.697	N	99.571	W	7				19	NEAR COAST OF GUERRERO, MEXICO. <UNM>. MD 3.8 (UNM).
11	08	27	55.5&	39.206	N	27.160	E	7				5	TURKEY. <ISK>. MD 2.8 (ISK).
11	08	35	04.8*	39.587	N	29.461	E	10	G		0.6	5	TURKEY
11	08	47	40.8&	44.572	N	7.169	E	13				8	NORTHERN ITALY. <GEN>. ML 1.9 (GEN).
11	09	10	23.3*	16.484	N	98.375	W	33	N		1.3	15	NEAR COAST OF GUERRERO, MEXICO. MD 4.0 (UNM).
11	09	47	52.1&	59.803	N	153.303	W	118				44	SOUTHERN ALASKA. <AEIC>.
11	09	49	45.5&	44.306	N	7.500	E	10				12	NORTHERN ITALY. <GEN>. ML 2.1 (GEN).
11	11	02	15.7*	4.296	S	138.448	E	144	?	4.6	0.7	8	IRIAN JAYA, INDONESIA
11	11	21	17.1&	17.029	N	94.321	W	132				5	CHIAPAS, MEXICO. <UNM>. MD 3.7 (UNM).
11	13	09	21.2&	32.016	S	70.105	W	120				9	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.9 (GUC).
11	13	58	18.8?	23.85	N	121.36	E	33	N		1.5	7	TAIWAN
11	14	19	20.8	16.723	N	97.969	W	33	N	4.5 4.3	1.2	76	OAXACA, MEXICO. MD 4.6 (UNM).
11	14	53	15.0&	57.872	N	156.721	W	0				22	ALASKA PENINSULA. <AEIC>. ML 3.4 (AEIC).
11	15	13	49.9&	38.550	N	22.350	E	37				6	GREECE. <ATH>. MD 3.0 (ATH).
11	15	24	49.4*	5.691	S	153.356	E	33	N	4.5	1.3	20	NEW IRELAND REGION, P.N.G.
11	15	38	31.8&	33.502	S	70.092	W	11				12	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.4 (GUC).
11	15	56	10.0	36.368	S	110.588	W	10	G	5.0 5.0	0.8	46	SOUTHERN EAST PACIFIC RISE. Mw 5.6 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 15:56:17.8; Lat 36.41 S; Lon 110.71 W; Dep 15.0 Fix; Half-duration 1.3 sec; Principal axes (scale 10**17 Nm): (T) Val=2.95, Plg=6, Azm=242; (N) Val=0.22, Plg=79, Azm=7; (P) Val=-3.17, Plg=9, Azm=151; Best double couple: Mo=3.1*10**17 Nm; NP1: Strike=287, Dip=80, Slip=-178; NP2: Strike=197, Dip=88, Slip=-10.
11	16	01	30.2&	10.798	N	60.925	W	29				5	TRINIDAD. <TRN>. MD 3.0 (TRN).
11	16	05	10.9	36.310	S	110.395	W	10	G	5.2 5.3	0.8	67	SOUTHERN EAST PACIFIC RISE. Mw 5.7 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 16:05:17.6; Lat 36.63 S; Lon 110.68 W; Dep 15.0 Fix; Half-duration 1.3 sec; Principal axes (scale 10**17 Nm): (T) Val=3.68, Plg=8, Azm=238; (N) Val=-0.08, Plg=82, Azm=59; (P) Val=-3.61, Plg=0, Azm=328; Best double couple: Mo=3.6*10**17 Nm; NP1: Strike=13, Dip=84, Slip=6; NP2: Strike=283, Dip=84, Slip=174.
11	16	11	27.3	17.136	N	100.214	W	33	N		0.4	6	GUERRERO, MEXICO. MD 3.5 (UNM).
11	16	22	55.5*	36.396	S	110.746	W	10	G	4.6	0.8	14	SOUTHERN EAST PACIFIC RISE
11	16	39	19.0*	26.307	N	92.788	E	33	N	4.4	0.8	11	NORTHEASTERN INDIA. Felt in north-central Assam.
11	17	46	15.7*	13.068	N	51.083	E	10	G	4.5 4.4	0.8	20	EASTERN GULF OF ADEN
11	18	25	40.0*	34.137	N	25.503	E	33	N	4.1	1.3	44	CRETE. MD 3.9 (ATH).
11	18	30	24.1?	14.21	N	51.84	E	10	G	4.2	0.9	13	EASTERN GULF OF ADEN
11	19	15	18.6*	45.958	N	151.434	E	88	?	4.4	1.3	16	KURIL ISLANDS
11	19	48	22.4	36.786	N	21.303	E	33	N	4.3	1.2	41	SOUTHERN GREECE. MD 3.9 (ATH).
11	19	51	58.9&	39.180	N	21.840	E	12				6	GREECE. <ATH>. MD 3.2 (ATH).
11	20	12	53.5?	34.38	S	178.91	W	33	N	4.8	1.0	11	SOUTH OF KERMADEC ISLANDS
11	20	30	24.3&	18.000	N	66.020	W	2				5	PUERTO RICO REGION. <MPR>. MD 2.6 (MPR).
11	20	56	07.3&	39.490	N	23.690	E	5				13	AEGEAN SEA. <ATH>. MD 3.2 (ATH).
11	21	01	01.0&	38.822	N	122.807	W	5				18	NORTHERN CALIFORNIA. <GM-P>. MD 3.3 (GM). ML 3.4 (BRK).
11	21	09	53.5&	10.752	N	60.882	W	40				5	TRINIDAD. <TRN>. MD 3.0 (TRN).
11	21	18	46.3%	58.315	N	32.274	W	10	G		0.9	7	NORTH ATLANTIC OCEAN
11	21	36	35.3&	43.190	N	6.000	E	2	G			8	NEAR SOUTH COAST OF FRANCE. <STR>. ML 2.0 (LDG), 1.7 (STR).
11	22	05	50.1&	54.588	N	161.589	W	18				14	ALASKA PENINSULA. <AEIC>. ML 2.6 (AEIC).
11	22	09	53.0&	56.217	N	159.310	W	121				115	ALASKA PENINSULA. <AEIC>.
11	22	16	35.2&	33.144	S	70.310	W	4				12	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.5 (GUC).
11	22	16	36.4&	42.935	N	18.564	E	23				17	NORTHWESTERN BALKAN REGION. <PDG>. MD 2.9 (PDG).
11	22	20	11.3*	42.951	N	18.440	E	10	G		1.5	51	NORTHWESTERN BALKAN REGION. MD 3.6 (PDG). ML 3.3 (ROM).
11	22	21	30.2&	17.879	N	99.632	W	67				17	GUERRERO, MEXICO. <UNM>. MD 3.8 (UNM).
11	22	22	16.7%	58.344	N	32.072	W	10	G		0.9	9	NORTH ATLANTIC OCEAN
11	22	25	39.0&	46.300	N	3.300	E	19				8	FRANCE. <LDG>. ML 1.7 (STR), 1.6 (LDG).
11	23	47	09.3*	58.161	N	32.298	W	10	G	4.4 3.8	1.3	38	NORTH ATLANTIC OCEAN
11	23	58	33.7&	36.550	N	4.430	W	89				15	STRAIT OF GIBRALTAR. <MDD>.
12	00	02	34.9	58.207	N	32.063	W	10	G	4.3	0.8	43	NORTH ATLANTIC OCEAN
12	00	32	48.4%	39.613	N	27.920	E	10	G		0.2	5	TURKEY. MD 2.9 (ISK).
12	00	55	18.4	40.390	N	118.839	E	33	N		0.7	9	NORTHEASTERN CHINA. ML 4.4 (BJI).
12	01	30	49.9&	33.507	S	70.059	W	5				12	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.3 (GUC).
12	01	48	21.7*	30.168	S	178.744	W	400	G		1.2	14	KERMADEC ISLANDS, NEW ZEALAND
12	02	00	03.4	44.576	N	26.308	E	33	N		0.8	8	ROMANIA
12	02	32	58.9*	4.757	S	103.055	E	75	?	4.5	0.8	24	SOUTHERN SUMATERA, INDONESIA
12	03	08	39.1&	35.270	N	4.110	W	24				15	STRAIT OF GIBRALTAR. <MDD>. *mbLg* 2.3 (MDD).
12	03	12	01.2&	10.811	N	60.940	W	22				6	TRINIDAD. <TRN>. MD 3.1 (TRN).
12	03	34	06.8&	61.635	N	130.337	W	5	G	4.5		107	SOUTHERN YUKON TERRITORY, CANADA. <PGC-P>. ML 5.0 (PGC), 5.[illegible] (AEIC).
12	03	36	50.4&	42.935	N	18.561	E	22				10	NORTHWESTERN BALKAN REGION. <PDG>. MD 2.2 (PDG).
12	03	41	56.6	46.173	N	13.664	E	10	G		1.1	28	AUSTRIA. ML 3.3 (GRF), 3.2 (LDG), 3.1 (VIE), 2.8 (TRI), 2.[illegible] (FUR), [illegible] (LJU). Felt (V) at Bovec and Kobarid, Slovenia.

12	04	10	08.3	45.598	N	97.123	E	33	N	3.9	0.7	12	MONGOLIA
12	04	39	08.6&	15.899	N	98.362	W	3				5	OFF COAST OF GUERRERO, MEXICO. <UNM>. MD 3.7 (UNM).
12	04	45	09.7&	16.949	N	94.399	W	174				8	OAXACA, MEXICO. <UNM>. MD 3.8 (UNM).
12	04	45	57.0&	38.680	N	24.120	E	5				4	AEGEAN SEA. <ATH>. ML 3.0 (ATH).
12	05	13	55.1&	36.810	N	5.430	W	0	G			10	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.1 (MDD).
12	05	14	36.2&	36.840	N	5.600	W	0				11	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.4 (MDD).
12	07	39	17.3*	50.278	N	6.650	E	10	G		0.9	5	GERMANY. ML 2.4 (UCC).
12	08	00	24.8&	39.556	N	29.363	E	10	G			4	TURKEY. <ISK>. MD 2.6 (ISK).
12	08	05	31.0&	32.524	S	71.354	W	39				11	NEAR COAST OF CENTRAL CHILE. <GUC>.
12	08	57	33.6%	39.705	N	29.415	E	10	G	.	0.4	6	TURKEY. MD 2.8 (ISK).
12	09	05	34.8&	61.687	N	146.507	W	17				51	SOUTHERN ALASKA. <AEIC>. ML 3.1 (AEIC), 3.2 (PMR).
12	09	27	54.0&	18.020	N	66.350	W	5				7	PUERTO RICO REGION. <MPR>. MD 2.7 (MPR).
12	09	41	39.5*	34.232	S	178.896	W	68	*	5.1 5.0	1.0	38	SOUTH OF KERMADEC ISLANDS. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 09:41:37.8; Lat 34.23 S Fix; Lon 178.90 W Fix; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**17 Nm): (T) Val=1.32, Plg=49, Azm=270; (N) Val=0.00, Plg=8, Azm=9; (P) Val=-1.32, Plg=40, Azm=105; Best double couple: Mo=1.3*10**17 Nm; NP1: Strike=248, Dip=9, Slip=149; NP2: Strike=8, Dip=85, Slip=82.
12	09	45	43.7&	31.628	S	70.085	W	130				9	CHILE-ARGENTINA BORDER REGION. <GUC>.
12	09	47	23.9&	38.700	N	23.550	E	5				10	GREECE. <ATH>. ML 3.4 (ATH).
12	09	59	48.2&	44.395	N	7.271	E	13				5	NORTHERN ITALY. <GEN>. ML 1.8 (GEN).
12	10	10	03.0&	40.710	S	174.800	E	46				9	COOK STRAIT, NEW ZEALAND. <WEL>. Felt at Wellington on the North Island.
12	11	17	35.2&	32.191	S	71.842	W	13				11	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.7 (GUC).
12	11	32	58.7&	36.820	N	5.510	W	0	G			8	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.4 (MDD).
12	11	41	22.7%	36.811	N	5.498	W	10	G		0.9	7	STRAIT OF GIBRALTAR. mbLg 2.1 (MDD).
12	11	45	35.2	35.181	S	70.980	W	100	G	3.8	0.7	17	CHILE-ARGENTINA BORDER REGION. MD 3.9 (GUC). Felt (II) in the epicentral area, Chile.
12	11	48	41.0&	36.820	N	5.500	W	0	G			7	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.3 (MDD).
12	12	09	46.0&	37.510	N	118.990	W	0				16	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. ML 2.9 (GM), 3.2 (BRK).
12	12	37	05.2&	36.800	N	5.540	W	0	G			8	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.3 (MDD).
12	13	07	02.8*	37.898	N	134.920	E	393	*		1.0	11	SEA OF JAPAN
12	13	07	45.3&	53.799	N	164.082	W	20				13	UNIMAK ISLAND REGION. <AEIC>. ML 2.8 (AEIC).
12	13	17	39.2%	18.152	N	99.557	W	55	*		0.6	14	GUERRERO, MEXICO. MD 3.6 (UNM).
12	14	08	16.0&	60.819	N	152.022	W	87				56	SOUTHERN ALASKA. <AEIC>.
12	14	39	30.0&	62.210	N	150.396	W	14				44	CENTRAL ALASKA. <AEIC>. ML 2.8 (AEIC), 2.9 (PMR).
12	15	50	40.6&	39.219	N	27.289	E	5				4	TURKEY. <ISK>. MD 2.7 (ISK).
12	17	10	56.5&	39.190	N	21.620	E	5				13	GREECE. <ATH>. ML 3.4 (ATH).
12	17	59	22.4	43.032	N	143.835	E	103	D	5.9	0.8	451	HOKKAIDO, JAPAN REGION. Mw 6.2 (GS), 6.2 (HRV). Me 6.5 (GS). Felt (IV JMA) in southeastern Hokkaido and (III JMA) in parts of Aomori, Iwate and Miyagi Prefectures, Honshu. Felt in much of Hokkaido and south to Fukushima Prefecture. Also felt (IV) at Yuzhno-Kurilsk, Kunashir. Broadband Source Parameters (GS): Dep 97; NP1: Strike=275, Dip=75, Slip=-100; NP2: Strike=129, Dip=18, Slip=-57; Radiated energy 1.2*10**14 Nm. Moment Tensor (GS): Dep 95; Principal axes (scale 10**18 Nm): (T) Val=2.80, Plg=32, Azm=10; (N) Val=-0.81, Plg=6, Azm=275; (P) Val=-1.99, Plg=57, Azm=175; Best double couple: Mo=2.4*10**18 Nm; NP1: Strike=123, Dip=14, Slip=-62; NP2: Strike=274, Dip=78, Slip=-97. Centroid, Moment Tensor (HRV): Centroid origin time 17:59:24.9; Lat 43.12 N; Lon 143.70 E; Dep 96.2; Half-duration 3.6 sec; Principal axes (scale 10**18 Nm): (T) Val=2.90, Plg=24, Azm=2; (N) Val=-0.96, Plg=1, Azm=93; (P) Val=-1.94, Plg=66, Azm=186; Best double couple: Mo=2.4*10**18 Nm; NP1: Strike=90, Dip=21, Slip=-94; NP2: Strike=273, Dip=69, Slip=-89.
12	18	00	59.4&	18.480	N	67.470	W	17				7	MONA PASSAGE. <MPR>. MD 3.5 (MPR).
12	19	48	51.7*	29.655	N	52.119	E	33	N	4.3	1.3	26	SOUTHERN IRAN. Felt in the Shiraz area.
12	19	52	05.6*	29.711	N	52.249	E	33	N	4.2	1.3	19	SOUTHERN IRAN
12	21	35	21.4&	38.590	S	175.890	E	162				12	NORTH ISLAND, NEW ZEALAND. <WEL>.
12	22	07	57.7&	55.294	N	158.072	W	10				19	ALASKA PENINSULA. <AEIC>. ML 3.4 (AEIC).
12	23	14	11.1&	36.730	N	4.410	W	83				19	STRAIT OF GIBRALTAR. <MDD>.
12	23	33	52.9&	35.062	S	70.310	W	15				11	CHILE-ARGENTINA BORDER REGION. <GUC>.
12	23	42	34.6?	32.22	N	141.59	E	33	N	4.3	0.8	11	SOUTH OF HONSHU, JAPAN
12	23	52	14.0&	53.765	N	166.024	W	86				10	FOX ISLANDS, ALEUTIAN ISLANDS. <AEIC>.
13	00	39	04.9*	17.424	S	69.260	W	133	?	3.9	0.3	8	PERU-BOLIVIA BORDER REGION
13	00	39	08.5*	43.465	N	134.127	E	433	*	4.2	1.0	14	NEAR SOUTHEAST COAST OF RUSSIA
13	02	24	19.4	44.249	N	12.074	E	10	G		1.1	27	NORTHERN ITALY. ML 2.9 (LDG).
13	02	28	58.9&	47.400	N	2.700	W	2				9	FRANCE. <LDG>. ML 2.3 (LDG).
13	02	42	23.6&	38.050	N	21.880	E	5				16	GREECE. <ATH>. MD 3.6 (ATH). Felt at Kato Akhaia.
13	02	43	00.9	18.604	N	64.493	W	68	D	4.3	0.9	41	VIRGIN ISLANDS. MD 4.2 (MPR), 4.2 (TRN). Felt (IV) on Tortola, British Virgin Islands. Felt throughout the U.S. and British Virgin Islands.
13	03	14	47.5	6.690	S	130.504	E	33	N	4.8	1.0	52	BANDA SEA
13	04	31	56.0?	23.23	S	170.66	E	33	N	4.8	1.4	27	LOYALTY ISLANDS REGION
13	04	59	16.7&	36.788	N	121.531	W	11				13	CENTRAL CALIFORNIA. <GM-P>. MD 2.9 (GM). Felt at Salinas.
13	05	21	58.5&	45.778	N	117.417	W	5	G			10	OREGON. <BSE-P>. ML 2.8 (BSE).
13	05	46	08.1	14.112	N	91.726	W	36	D	4.4	1.1	58	GUATEMALA. MD 4.8 (UNM).
13	06	25	35.9&	37.650	N	21.910	E	5				5	SOUTHERN GREECE. <ATH>. ML 3.0 (ATH).
13	06	37	38.7&	17.182	N	99.872	W	47				12	GUERRERO, MEXICO. <UNM>. MD 4.0 (UNM).
13	08	04	18.7&	39.677	N	29.358	E	10	G			5	TURKEY. <ISK>. MD 2.8 (ISK).
13	08	37	20.3&	34.035	S	71.196	W	63				12	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 2.6 (GUC).
13	08	42	27.9	36.501	N	27.824	E	105		3.8	0.9	31	DODECANESE ISLANDS. MD 3.2 (ISK).
13	09	40	28.0&	39.207	N	27.972	E	5				4	TURKEY. <ISK>. MD 2.8 (ISK).
13	10	35	25.6&	42.620	N	1.510	W	2	G			4	PYRENEES. <STR>. ML 2.5 (STR), 2.3 (LDG).
13	10	38	59.9&	35.092	N	87.026	W	22				7	TENNESSEE. <TVA>. MD 2.8 (TVA). Felt at Pulaski.
13	11	56	35.7&	37.920	N	22.230	E	5		3.8		34	SOUTHERN GREECE. <ATH>. MD 3.7 (ATH).
13	12	11	58.4&	32.161	S	71.604	W	7				11	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.5 (GUC).

13	12	26	13.4	36.808	N	5.537	W	10	G			1.1	17	STRAIT OF GIBRALTAR. mbLg 2.8 (MDD).
13	12	28	33.5	11.323	S	166.225	E	33	N	4.8		0.9	38	SANTA CRUZ ISLANDS
13	13	06	53.2&	35.980	N	6.360	W	15					21	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.6 (MDD).
13	13	46	52.6*	6.007	N	125.262	E	154	?	4.2		1.0	20	MINDANAO, PHILIPPINE ISLANDS
13	13	54	39.7	0.418	S	121.441	E	35	D	5.5	4.9	1.1	117	MINAHASSA PENINSULA, SULAWESI. Mw 5.5 (GS), 5.5 (HRV). Felt (IV) at Poso; (III) at Gorontalo and Manado. Moment Tensor (GS): Dep 27; Principal axes (scale 10**17 Nm): (T) Val=2.21, Plg=17, Azm=313; (N) Val=-0.49, Plg=32, Azm=211; (P) Val=-1.73, Plg=52, Azm=66; Best double couple: Mo=2.0*10**17 Nm; NP1: Strike=81, Dip=40, Slip=-33; NP2: Strike=198, Dip=69, Slip=-125. Centroid, Moment Tensor (HRV): Centroid origin time 13:54:45.3; Lat 0.06 S; Lon 121.58 E; Dep 51.3; Half-duration 1.3 sec; Principal axes (scale 10**17 Nm): (T) Val=1.83, Plg=4, Azm=326; (N) Val=0.02, Plg=47, Azm=232; (P) Val=-1.85, Plg=43, Azm=59; Best double couple: Mo=1.8*10**17 Nm; NP1: Strike=93, Dip=58, Slip=-31; NP2: Strike=201, Dip=64, Slip=-144.
13	14	18	22.7&	39.100	N	94.700	W	5	G				9	MISSOURI-KANSAS BORDER REGION. <MACRO>. mbLg 3.0 (GS). Some damage in the epicentral area. Felt in parts of Kansas City, Kansas. Possible collapse of a limestone mine.
13	14	19	01.3&	40.310	N	28.991	E	14					6	TURKEY. <ISK>. MD 2.7 (ISK).
13	14	31	15.3&	4.476	N	75.770	W	4					5	COLOMBIA. <RSNC>. ML 2.7 (RSNC).
13	14	47	12.5*	53.746	N	161.707	E	33	N	4.6		1.2	42	OFF EAST COAST OF KAMCHATKA
13	15	00	58.3&	39.149	N	27.264	E	10	G				4	TURKEY. <ISK>. MD 2.8 (ISK).
13	15	05	20.6&	36.560	N	21.390	E	30		4.1			40	SOUTHERN GREECE. <ATH>. ML 3.9 (ATH).
13	15	05	51.9*	24.369	N	122.581	E	63	*	4.4		1.1	21	TAIWAN REGION
13	15	34	44.5*	42.267	N	133.968	E	467	*			0.9	13	NEAR SOUTHEAST COAST OF RUSSIA
13	15	46	59.8	5.403	S	152.462	E	58	*	4.6		1.0	26	NEW BRITAIN REGION, P.N.G.
13	16	06	52.4	46.173	N	13.566	E	10	G			1.2	104	AUSTRIA. ML 4.4 (GRF), 3.9 (VIE), 3.8 (CLL), 3.8 (FUR), 3.7 (LDG), 3.7 (TRI), 3.6 (FBB). Felt (V) in the Kobarid area, Slovenia. Also felt in northeastern Italy.
13	17	46	31.9	14.108	N	92.355	W	41		4.4		1.2	52	NEAR COAST OF CHIAPAS, MEXICO. MD 4.8 (UNM), 4.3 (CASC).
13	17	49	39.2&	43.820	N	7.140	E	2	G				22	NEAR SOUTH COAST OF FRANCE. <STR>. ML 2.0 (STR), 2.0 (LDG).
13	17	59	17.6&	49.620	N	8.330	E	2	G				28	GERMANY. <STR>. ML 2.7 (LDG), 2.5 (STR), 2.4 (FBB), 2.2 (GRF).
13	18	32	01.4&	36.350	N	21.800	E	20					7	SOUTHERN GREECE. <ATH>. ML 3.4 (ATH).
13	18	36	37.5&	32.132	S	70.925	W	67					13	CHILE-ARGENTINA BORDER REGION. <GUC>.
13	19	06	53.1*	43.586	N	147.187	E	60	D	4.1		1.3	21	KURIL ISLANDS
13	19	50	30.8?	12.81	N	87.66	W	77	D	3.9		1.0	10	NEAR COAST OF NICARAGUA
13	20	02	09.0&	53.498	N	168.602	W	0					7	FOX ISLANDS, ALEUTIAN ISLANDS. <AEIC>. ML 3.2 (AEIC).
13	20	38	34.5*	42.721	N	78.937	E	10	G	3.8		0.8	8	LAKE ISSYK-KUL REGION
13	21	45	51.0*	4.804	N	96.060	E	154	?	3.8		1.0	13	NORTHERN SUMATERA, INDONESIA
13	22	01	38.3	57.373	N	146.116	W	10	G			0.7	26	GULF OF ALASKA. ML 2.5 (AEIC).
13	22	04	48.3&	60.645	N	150.948	W	43					53	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.4 (AEIC), 3.3 (PMR).
13	22	06	27.0&	37.910	N	115.840	W	10					10	SOUTHERN NEVADA. <REN-P>. MD 3.5 (REN).
13	22	16	53.5?	43.53	N	133.83	E	450	G	3.9		0.7	8	NEAR SOUTHEAST COAST OF RUSSIA
13	23	00	11.3&	34.371	S	70.849	W	87					10	CHILE-ARGENTINA BORDER REGION. <GUC>.
13	23	27	58.7&	16.314	N	98.306	W	11					7	NEAR COAST OF GUERRERO, MEXICO. <UNM>. MD 3.6 (UNM).
13	23	37	24.4&	63.407	N	151.766	W	10					36	CENTRAL ALASKA. <AEIC>. ML 2.9 (AEIC).
13	23	39	29.4	52.959	N	160.684	E	33	N	4.6	4.0	0.9	85	OFF EAST COAST OF KAMCHATKA
14	00	07	58.9*	31.200	S	69.141	W	150	G			0.6	13	SAN JUAN PROVINCE, ARGENTINA
14	00	23	01.0&	36.828	S	73.612	W	55					15	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.7 (GUC). Felt (III) at Cauquenes, Chillan, Concepcion and Talcahuano.
14	00	27	18.6*	11.093	N	86.399	W	33	N	4.5		1.2	27	NEAR COAST OF NICARAGUA
14	00	29	06.5*	11.041	N	86.428	W	33	N	4.4		1.1	27	NEAR COAST OF NICARAGUA
14	01	53	35.9	44.213	N	20.148	E	10	G			0.6	12	NORTHWESTERN BALKAN REGION. MD 2.7 (PDG).
14	02	33	29.0&	46.700	N	1.900	W	2					8	FRANCE. <LDG>. ML 2.0 (LDG).
14	03	01	51.7&	17.365	N	91.436	W	94					6	MEXICO-GUATEMALA BORDER REGION. <UNM>. MD 4.2 (UNM).
14	03	03	11.3	34.265	N	141.078	E	43		4.9		0.8	83	OFF EAST COAST OF HONSHU, JAPAN
14	05	05	08.2*	57.943	S	25.452	W	33	N			0.9	21	SOUTH SANDWICH ISLANDS REGION
14	05	22	35.2&	46.900	N	7.100	E	19					9	SWITZERLAND. <LDG>. ML 2.3 (LDG).
14	05	59	24.8&	37.520	N	2.420	W	3					5	SPAIN. <MDD>. mbLg 2.3 (MDD).
14	06	15	40.0?	30.90	S	71.55	W	33	N			0.7	15	NEAR COAST OF CENTRAL CHILE. MD 4.2 (GUC).
14	07	21	49.7&	39.229	N	27.792	E	12					4	TURKEY. <ISK>. MD 2.6 (ISK).
14	07	29	25.0*	48.352	N	15.089	E	10	G			0.9	5	AUSTRIA. ML 2.6 (VIE).
14	07	54	03.1&	34.062	N	116.366	W	2		4.5			94	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.9 (PAS). Felt strongly at Landers. Felt in parts of Los Angeles, Riverside, San Bernardino and San Diego Counties.
14	07	59	42.6&	34.063	N	116.374	W	0					6	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS).
14	08	01	48.8&	34.068	N	116.371	W	0					22	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
14	08	09	11.3&	34.022	N	116.355	W	0					6	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
14	08	10	44.2&	34.035	N	116.367	W	1					21	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
14	08	13	34.1&	34.032	N	116.365	W	0					15	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
14	08	18	34.0&	34.077	N	116.372	W	2					27	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS).
14	08	22	07.1&	34.029	N	116.356	W	1		3.7			40	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.9 (PAS).
14	08	31	03.6?	30.32	N	79.32	E	33	N	4.6		1.0	9	XIZANG-INDIA BORDER REGION
14	08	40	33.2&	34.039	N	116.362	W	2					27	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS).
14	08	49	44.9&	34.033	N	116.366	W	0					26	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
14	08	51	42.3&	34.034	N	116.364	W	0					32	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.8 (PAS).
14	08	52	54.9*	2.327	N	96.394	E	33	N	4.8		1.2	17	NORTHERN SUMATERA, INDONESIA
14	08	57	43.3*	11.743	N	92.704	E	33	N	4.3		0.9	14	ANDAMAN ISLANDS, INDIA
14	09	17	50.2&	34.035	N	116.357	W	1					4	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
14	09	19	13.8&	34.030	N	116.356	W	0					26	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
14	09	31	57.0&	34.036	N	116.360	W	0					33	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS).
14	09	35	12.1	51.410	N	151.378	E	471	*	3.9		0.8	20	SEA OF OKHOTSK
14	09	35	27.7?	6.11	N	104.27	W	10	G	4.2		0.7	22	EAST CENTRAL PACIFIC OCEAN
14	09	58	40.3&	34.064	N	116.368	W	0					29	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
14	10	06	08.6&	38.610	N	24.010	E	20					4	AEGEAN SEA. <ATH>. MD 2.9 (ATH).
14	10	08	50.8*	46.151	N	15.984	E	10	G			1.2	6	NORTHWESTERN BALKAN REGION. ML 2.0 (VIE).
14	10	22	47.1*	5.756	S	145.944	E	33	N			1.1	6	EASTERN NEW GUINEA REG., P.N.G.
14	10	29	33.1&	34.068	N	116.363	W	1					42	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS).
14	10	33	55.1&	34.046	N	116.[illegible]63	W	6					7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).

14	10	36	54.1&	34.039	N	116.370	W	0					37	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
14	10	52	35.2&	34.034	N	116.360	W	2		3.7			69	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.2 (PAS).
14	10	53	28.4*	56.096	N	110.374	E	10	G	4.6		1.1	10	LAKE BAYKAL REGION, RUSSIA
14	10	56	30.5*	55.921	N	110.222	E	10	G	4.5		1.0	33	LAKE BAYKAL REGION, RUSSIA
14	11	14	41.1%	29.562	N	142.609	E	33	N			0.6	6	SOUTH OF HONSHU, JAPAN
14	11	15	34.4&	34.790	S	70.815	W	103					9	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.6 (GUC).
14	11	44	15.0*	51.164	N	179.419	E	33	N	3.9		1.3	26	RAT ISLANDS, ALEUTIAN ISLANDS
14	11	58	49.6&	40.196	N	29.423	E	11					7	TURKEY. <ISK>. MD 2.8 (ISK).
14	12	07	28.6*	8.173	S	115.668	E	189	?	4.4		1.3	16	BALI REGION, INDONESIA
14	12	09	51.9*	18.285	N	71.756	W	33	N	4.1		1.2	18	DOMINICAN REPUBLIC REGION
14	12	37	58.1*	29.381	N	51.981	E	33	N	4.3		1.1	18	SOUTHERN IRAN
14	14	08	22.3&	15.619	N	94.055	W	28					8	NEAR COAST OF OAXACA, MEXICO. <UNM>. MD 4.1 (UNM).
14	14	56	38.0&	41.274	N	28.828	E	5					5	TURKEY. <ISK>. MD 2.6 (ISK).
14	15	21	29.3&	46.600	N	7.600	E	3					23	SWITZERLAND. <LDG>. ML 2.5 (LDG), 2.3 (FBB).
14	16	34	17.1?	45.26	N	14.56	E	10	G			1.3	5	NORTHWESTERN BALKAN REGION. ML 2.5 (VIE).
14	17	08	46.2?	51.10	N	179.38	E	33	N	4.3		1.6	12	RAT ISLANDS, ALEUTIAN ISLANDS
14	17	10	09.0*	35.714	S	15.891	W	10	G	4.8		1.5	25	TRISTAN DA CUNHA REGION
14	17	15	32.3&	34.063	N	116.373	W	1					25	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
14	17	52	55.4&	44.299	N	7.410	E	6					18	NORTHERN ITALY. <GEN>. ML 2.2 (GEN).
14	17	56	11.7&	33.140	S	70.267	W	7					11	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.4 (GUC).
14	18	00	52.3*	9.408	S	116.436	E	33	N	4.2		1.1	11	SUMBAWA REGION, INDONESIA
14	18	23	02.7	26.748	N	127.846	E	28	*	4.5	4.2	1.2	36	RYUKYU ISLANDS. Felt (II JMA) on Okinawa and (I JMA) on Kume-jima.
14	18	25	30.6&	46.810	N	7.940	E	5					114	SWITZERLAND. <STR>. ML 4.2 (GRF), 3.9 (LDG), 3.7 (FBB), 3.6 (STR), 3.5 (FUR).
14	18	28	27.5&	16.199	N	98.033	W	5		4.2			26	NEAR COAST OF GUERRERO, MEXICO. <UNM>. MD 4.3 (UNM).
14	18	36	25.6&	16.196	N	97.997	W	5					13	OAXACA, MEXICO. <UNM>. MD 3.9 (UNM).
14	18	37	25.5&	16.124	N	97.965	W	5					12	OAXACA, MEXICO. <UNM>. MD 3.9 (UNM).
14	19	04	03.3	0.415	N	119.925	E	33	N	4.3		0.7	17	MINAHASSA PENINSULA, SULAWESI
14	19	12	10.2	43.093	N	126.198	W	10	G			0.9	24	OFF COAST OF OREGON
14	19	38	36.0&	34.340	N	119.600	W	6	G				25	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS). Felt at Carpinteria and Santa Barbara.
14	19	46	53.2	29.366	N	52.058	E	33	N	4.3		0.9	30	SOUTHERN IRAN
14	20	00	08.1	46.056	N	14.776	E	10	G			0.3	8	NORTHWESTERN BALKAN REGION. ML 2.1 (VIE).
14	20	36	38.2	3.068	S	129.686	E	33	N	5.2	5.3	1.4	66	SERAM, INDONESIA. Mw 5.5 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 20:36:41.5; Lat 2.80 S; Lon 130.08 E; Dep 24.6; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=1.77, Plg=60, Azm=226; (N) Val=0.09, Plg=2, Azm=319; (P) Val=-1.86, Plg=30, Azm=50; Best double couple: Mo=1.8*10**17 Nm; NP1: Strike=146, Dip=15, Slip=97; NP2: Strike=319, Dip=75, Slip=88.
14	21	03	15.0	5.564	S	149.736	E	147		4.9		0.9	32	NEW BRITAIN REGION, P.N.G.
14	21	16	09.3	5.793	S	148.193	E	135		4.6		0.8	17	NEW BRITAIN REGION, P.N.G.
14	21	48	56.5*	3.665	N	128.336	E	33	N	4.2		1.3	11	NORTH OF HALMAHERA, INDONESIA
14	22	15	52.5&	44.055	N	8.074	E	5					13	NORTHERN ITALY. <GEN>. ML 2.1 (GEN), 1.8 (LDG).
14	22	31	50.7&	32.663	S	71.634	W	48					10	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.1 (GUC).
14	23	16	13.8&	18.260	N	66.400	W	33	N				7	PUERTO RICO REGION. <MPR>. MD 3.0 (MPR).
14	23	58	28.8&	41.741	N	20.211	E	8					32	ALBANIA. <PDG>. ML 3.4 (PDG), 3.3 (ROM).
15	00	25	04.5&	33.745	S	70.648	W	79					9	CHILE-ARGENTINA BORDER REGION. <GUC>.
15	01	05	17.7*	1.848	S	124.692	E	67	?	4.2		1.2	13	SOUTHERN MOLUCCA SEA
15	02	01	55.3?	3.38	N	76.61	W	10	G			0.9	5	COLOMBIA. ML 3.2 (RSNC).
15	02	06	35.7&	39.055	N	27.180	E	10	G				5	TURKEY. <ISK>. MD 3.0 (ISK).
15	02	11	15.4&	39.036	N	27.146	E	10	G				5	TURKEY. <ISK>. MD 2.7 (ISK).
15	02	11	46.5&	38.620	N	1.560	W	0	G				15	SPAIN. <MDD>. mbLg 2.1 (MDD).
15	02	16	40.4*	6.351	S	147.055	E	33	N	4.6		1.3	20	EASTERN NEW GUINEA REG., P.N.G.
15	02	32	12.3*	2.353	N	128.371	E	276	?	4.1		0.6	17	HALMAHERA, INDONESIA
15	02	50	19.0&	36.196	S	71.790	W	18					9	CENTRAL CHILE. <GUC>.
15	02	52	10.2?	13.85	N	145.34	E	168	*	3.4		0.8	6	MARIANA ISLANDS
15	03	22	33.0&	40.640	S	173.590	E	162					7	COOK STRAIT, NEW ZEALAND. <WEL>.
15	04	08	10.8&	43.700	N	3.100	E	8					15	NEAR SOUTH COAST OF FRANCE. <LDG>. ML 3.0 (STR), 2.5 (LDG).
15	04	27	27.5?	22.16	N	121.08	E	33	N			0.5	5	TAIWAN REGION
15	04	29	05.0*	39.652	N	76.697	E	33	N	4.1		1.4	16	SOUTHERN XINJIANG, CHINA
15	04	32	38.7	0.363	S	132.650	E	48	?	4.8		0.9	28	IRIAN JAYA REGION, INDONESIA
15	04	51	24.7	39.503	N	76.953	E	33	N	4.6		0.8	73	SOUTHERN XINJIANG, CHINA
15	05	09	26.8*	36.049	N	11.022	W	10	G			0.8	22	NORTH ATLANTIC OCEAN. mbLg 2.7 (MDD).
15	05	34	26.6	47.755	N	12.872	E	5	G			0.8	28	AUSTRIA. ML 3.3 (STR), 3.2 (GRF), 3.1 (FBB), 2.9 (VIE), 2.8 (FUR), 2.7 (TRI).
15	05	40	40.6	46.681	N	10.091	E	10	G			0.8	13	NORTHERN ITALY. ML 2.6 (VIE).
15	06	02	05.2?	39.69	N	77.04	E	33	N	4.1		1.2	12	SOUTHERN XINJIANG, CHINA
15	06	27	58.8&	46.800	N	8.030	E	10					25	SWITZERLAND. <STR>. ML 2.7 (LDG), 2.6 (FBB), 2.6 (STR).
15	06	54	04.6	47.161	N	9.516	E	5	G			0.8	24	GERMANY. ML 2.8 (VIE), 2.6 (GRF), 2.6 (LDG), 2.5 (FBB), 2.5 (STR).
15	07	38	54.9%	18.214	N	67.062	W	33	N			1.1	7	MONA PASSAGE. MD 3.5 (MPR).
15	08	11	18.3*	39.571	N	113.574	E	10	G	4.4		1.3	11	NORTHEASTERN CHINA. ML 4.3 (BJI).
15	08	22	10.1&	34.188	S	70.734	W	85					9	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.2 (GUC).
15	08	23	01.3*	46.146	N	12.283	E	10	G			0.9	9	NORTHERN ITALY. ML 2.6 (VIE), 2.1 (LJU).
15	08	31	01.3&	59.945	N	152.211	W	72					20	SOUTHERN ALASKA. <AEIC>.
15	08	37	35.5	5.210	S	150.855	E	158		4.5		0.9	35	NEW BRITAIN REGION, P.N.G.
15	08	37	42.2&	39.647	N	29.443	E	5					4	TURKEY. <ISK>. MD 2.9 (ISK).
15	10	05	28.5	4.082	S	102.662	E	95	?	5.2		0.9	83	SOUTHERN SUMATERA, INDONESIA. Mw 4.9 (HRV). Felt (III) at Bengkulu and Kepahiang. Centroid, Moment Tensor (HRV): Centroid origin time 10:05:36.2; Lat 4.08 S Fix; Lon 102.66 E Fix; Dep 77.9; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=2.62, Plg=68, Azm=55; (N) Val=0.14, Plg=13, Azm=289; (P) Val=-2.75, Plg=17, Azm=195; Best double couple: Mo=2.7*10**16 Nm; NP1: Strike=265, Dip=30, Slip=62; NP2: Strike=116, Dip=64, Slip=105.
15	10	20	37.8&	4.668	N	74.755	W	18		4.1			16	COLOMBIA. <RSNC>. ML 4.8 (RSNC).
15	10	34	52.2*	39.575	N	113.381	E	10	G	4.7		1.3	14	NORTHEASTERN CHINA. ML 4.3 (BJI).
15	10	47	50.6?	5.25	N	127.48	E	33	N	4.0		1.5	7	PHILIPPINE ISLANDS REGION
15	11	01	58.2&	31.820	S	72.025	W	25					8	OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.6 (GUC).

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15  11 07 58.7& 38.610 N   23.600 E    5                    7  GREECE. <ATH>. ML 3.2 (ATH).
15  11 19 58.1? 34.51  N  141.49  E   33 N  4.0       0.9  10  OFF EAST COAST OF HONSHU, JAPAN
15  11 30 10.8& 32.645 S   71.604 W   29                   13  NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.6 (GUC).
15  13 21 50.5*  5.828 S  130.682 E   71 *  4.1       1.0   9  BANDA SEA
15  13 22 10.6& 37.529 N  118.817 W    6    5.1 5.1       223  CALIFORNIA-NEVADA BORDER REGION. <GM-P>. Mw 5.6 (GS), 5.6
                                                                (HRV), 5.5 (BRK). Small items knocked from shelves in the
                                                                epicentral area. Felt in many parts of central California
                                                                as far north as Placerville and south to Valencia.
                                                               Moment Tensor (GS): Dep 16; Principal axes (scale 10**17
                                                                Nm): (T) Val=2.68, Plg=9, Azm=63; (N) Val=0.01, Plg=77,
                                                                Azm=288; (P) Val=-2.69, Plg=9, Azm=154; Best double couple:
                                                                Mo=2.7*10**17 Nm; NP1: Strike=198, Dip=77, Slip=0; NP2:
                                                                Strike=108, Dip=90, Slip=167.
                                                               Centroid, Moment Tensor (HRV): Centroid origin time
                                                                13:22:17.3; Lat 37.44 N; Lon 118.76 W; Dep 15.0 Fix; Half-
                                                                duration 1.5 sec; Principal axes (scale 10**17 Nm): (T)
                                                                Val=2.38, Plg=14, Azm=248; (N) Val=0.10, Plg=64, Azm=9; (P)
                                                                Val=-2.49, Plg=21, Azm=152; Best double couple:
                                                                Mo=2.4*10**17 Nm; NP1: Strike=291, Dip=64, Slip=-175; NP2:
                                                                Strike=199, Dip=85, Slip=-26.
                                                               Moment Tensor (BRK): Dep 8; Principal axes (scale 10**17
                                                                Nm): (T) Val=2.31, Plg=4, Azm=249; (N) Val=0.00, Plg=78,
                                                                Azm=359; (P) Val=-2.31, Plg=11, Azm=158; Best double
                                                                couple: Mo=2.3*10**17 Nm; NP1: Strike=203, Dip=85,
                                                                Slip=-11; NP2: Strike=294, Dip=79, Slip=-175.
15  13 28 17.8& 37.478 N  118.838 W    5                    5  CALIFORNIA-NEVADA BORDER REGION. <GM-P>. ML 3.3 (BRK), 3.0
                                                                (GS). Double event.
15  13 32 28.4& 37.479 N  118.841 W    7                    3  CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.2 (GM). ML 3.2
                                                                (BRK).
15  13 32 47.1& 18.120 N   67.290 W   14                    7  MONA PASSAGE. <MPR>. MD 2.8 (MPR).
15  13 34 37.2& 37.551 N  118.814 W    5                    3  CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM).
15  13 34 53.8*  2.908 N  126.476 E   33 N  4.5       1.0  19  NORTHERN MOLUCCA SEA
15  13 38 06.2& 37.508 N  118.833 W    7                   46  CALIFORNIA-NEVADA BORDER REGION. <GM-P>. ML 4.3 (GM), 4.4
                                                                (BRK).
15  13 59 51.0  37.548 N  118.851 W    5 G          0.3    9  CALIFORNIA-NEVADA BORDER REGION. ML 3.2 (GS). Multiple event.
15  14 00 28.2* 33.762 N   25.706 E   33 N          1.5    6  EASTERN MEDITERRANEAN SEA
15  14 00 34.1  37.511 N  118.829 W    5 G          0.5    7  CALIFORNIA-NEVADA BORDER REGION. ML 3.4 (BRK), 3.3 (GS).
15  14 01 59.1& 37.485 N  118.847 W   11                    9  CALIFORNIA-NEVADA BORDER REGION. <GM-P>. ML 3.1 (GM), 3.3
                                                                (BRK).
15  14 04 34.1& 37.519 N  118.824 W    4                    7  CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.1 (GM).
15  14 06 08.5& 44.373 N    7.241 E   14                   15  NORTHERN ITALY. <GEN>. ML 2.2 (GEN), 2.0 (LDG).
15  14 08 20.5&  4.507 N   75.642 W    5                    6  COLOMBIA. <RSNC>. ML 2.5 (RSNC).
15  14 24 23.7& 34.067 S   70.379 W    9                   12  CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.7 (GUC).
15  14 28 46.9& 37.532 N  118.813 W    6                   12  CALIFORNIA-NEVADA BORDER REGION. <GM-P>. ML 3.2 (GM), 3.4
                                                                (BRK).
15  14 30 40.1& 44.351 N    7.193 E   16                    8  NORTHERN ITALY. <GEN>. ML 1.8 (GEN).
15  14 33 29.9& 34.278 S   70.141 W   10                   10  CHILE-ARGENTINA BORDER REGION. <GUC>.
15  14 36 54.8& 37.526 N  118.832 W    0                   14  CALIFORNIA-NEVADA BORDER REGION. <GM-P>. ML 3.3 (GM), 3.5
                                                                (BRK).
15  14 58 36.3& 46.660 N    7.340 E    2                   13  SWITZERLAND. <STR>. ML 2.4 (LDG), 2.2 (STR).
15  15 08 42.8& 37.525 N  118.817 W    5                   11  CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM). ML 3.0
                                                                (BRK).
15  15 36 02.0& 34.050 N  116.350 W    1                    4  SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
15  15 58 34.0& 33.736 S   70.353 W  111                   11  CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.5 (GUC).
15  15 59 55.9& 37.525 N  118.812 W    1                   20  CALIFORNIA-NEVADA BORDER REGION. <GM-P>. ML 3.6 (GM), 3.6
                                                                (BRK). Double event.
15  16 20 08.0? 45.55  N   26.53  E  150 G          0.6    5  ROMANIA
15  16 21 35.0*  8.156 S   74.182 W  150 ?  3.6      1.1   14  PERU-BRAZIL BORDER REGION
15  17 07 55.7*  6.827 S  127.302 E  369 ?  4.6      1.4    9  BANDA SEA
15  17 13 41.7& 36.124 S   71.478 W  156                    9  CENTRAL CHILE. <GUC>. MD 2.8 (GUC).
15  17 28 00.4& 33.853 S   70.858 W   79                   13  CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.5 (GUC).
15  17 28 05.0& 37.513 N  118.831 W    8                    7  CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.1 (GM).
15  17 47 05.6& 37.490 N  118.839 W    2                    9  CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.1 (GM). ML 3.0
                                                                (BRK).
15  17 54 08.7& 37.507 N  118.833 W    8    4.5            115  CALIFORNIA-NEVADA BORDER REGION. <GM-P>. Mw 4.6 (BRK). Felt
                                                                at Arnold, Isleton, Soulsbyville and other parts of the San
                                                                Joaquin Valley.
                                                               Moment Tensor (BRK): Dep 8; Principal axes (scale 10**15
                                                                Nm): (T) Val=9.49, Plg=17, Azm=250; (N) Val=0.00, Plg=62,
                                                                Azm=15; (P) Val=-9.49, Plg=22, Azm=153; Best double couple:
                                                                Mo=9.5*10**15 Nm; NP1: Strike=201, Dip=86, Slip=-28; NP2:
                                                                Strike=293, Dip=62, Slip=-176.
15  18 13 32.9& 37.020 N    3.710 W    5                    7  SPAIN. <MDD>. mbLg 1.8 (MDD).
15  18 31 53.4& 37.505 N  118.826 W    5                    9  CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM). ML 3.0
                                                                (BRK).
15  18 48 33.7? 51.32  N   16.00  E    5 G          1.0    6  POLAND
15  19 00 08.7& 39.000 N   24.480 E   30                   13  AEGEAN SEA. <ATH>. ML 3.4 (ATH).
15  19 02 03.6& 44.695 N    7.235 E   19                   10  NORTHERN ITALY. <GEN>. ML 2.1 (GEN).
15  19 06 56.2& 43.010 N    0.680 W    2 G                 13  PYRENEES. <STR>. ML 2.8 (STR), 2.3 (LDG).
15  19 08 20.9& 36.667 N    8.257 W   10 G          0.7   18  WEST OF GIBRALTAR. mbLg 2.6 (MDD).
15  19 15 33.8& 37.531 N  118.824 W    3                   14  CALIFORNIA-NEVADA BORDER REGION. <GM-P>. ML 3.3 (GM), 3.6
                                                                (BRK).
15  19 20 08.0& 36.290 N   22.050 E    3                    5  SOUTHERN GREECE. <ATH>. MD 3.1 (ATH).
15  19 27 19.7*  2.756 N  126.237 E   33 N  3.9       1.4  11  NORTHERN MOLUCCA SEA
15  19 41 27.7* 38.291 N   74.052 E  134 ?  3.9       1.2  14  TAJIKISTAN-XINJIANG BORDER REG.
15  19 41 42.6& 46.400 N    7.200 E    2                    4  SWITZERLAND. <LDG>. ML 1.9 (LDG).
15  19 49 44.6  17.750 S  178.749 W  561 D  4.5       0.9  76  FIJI ISLANDS REGION
15  20 11 38.1& 37.534 N  118.825 W    8                   14  CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.1 (GM). ML 3.2
                                                                (BRK).
15  20 45 03.1& 40.470 N   29.065 E   10 G                   9  TURKEY. <ISK>. MD 3.3 (ISK).
15  20 58 59.0& 40.360 N  125.130 W    0    3.5             70  OFF COAST OF NORTHERN CALIFORNIA. <GM-P>. Mw 4.0 (BRK). ML
                                                                4.0 (GM), 4.0 (BRK). Felt at Eureka.
                                                               Scalar Moment (BRK): Mo=1.3*10**15 Nm.
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15  21 24 57.6& 33.136 S   70.306 W    4                    12  CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.3 (GUC).
15  21 40 10.4& 37.490 N  118.848 W    6                    25  CALIFORNIA-NEVADA BORDER REGION. <GM-P>. ML 4.0 (GM), 4.0
                                                                 (BRK).
15  21 56 46.5& 37.550 N  118.812 W    4                     8  CALIFORNIA-NEVADA BORDER REGION. <GM-P>. ML 2.8 (GM), 3.2
                                                                 (BRK). Double event.
15  22 00 18.7& 40.320 S  174.440 E   19                     8  COOK STRAIT, NEW ZEALAND. <WEL>. ML 3.4 (WEL).
15  22 44 46.6& 43.304 N   18.939 E    8                     9  NORTHWESTERN BALKAN REGION. <PDG>. MD 2.1 (PDG).
15  22 49 36.9& 40.220 S  174.390 E   33 N                   7  COOK STRAIT, NEW ZEALAND. <WEL>. ML 3.6 (WEL).
15  23 34 36.7& 37.487 N  118.830 W    5                    30  CALIFORNIA-NEVADA BORDER REGION. <GM-P>. ML 3.1 (GM), 3.4
                                                                 (BRK).
15  23 38 34.4* 33.933 N  137.121 E  358    3.8       0.8   15  NEAR S. COAST OF HONSHU, JAPAN
15  23 46 21.8& 37.484 N  118.828 W    4                    11  CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.1 (GM).
16  00 13 07.1  45.526 N   15.920 E   10 G          1.4   70  NORTHWESTERN BALKAN REGION. ML 4.1 (GRF), 3.7 (VIE), 3.6
                                                                 (TRI).
16  00 44 26.2& 37.473 N  118.841 W    4                    12  CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.1 (GM). ML 3.1
                                                                 (BRK).
16  00 50 10.8& 61.767 N  150.817 W   66    3.5              67  SOUTHERN ALASKA. <AEIC>. ML 4.0 (AEIC), 4.0 (PMR).
16  00 51 20.4   4.751 S  152.486 E   74    6.0 7.0   0.9  346  NEW BRITAIN REGION, P.N.G. Mw 7.1 (HRV), 7.0 (GS). Me 6.4
                                                                 (GS). Felt strongly on the Gazelle Peninsula. Also felt in
                                                                 other parts of New Britain and on New Ireland.
                                                                 Broadband Source Parameters (GS): Dep 46; NP1: Strike=280,
                                                                 Dip=40, Slip=100; NP2: Strike=87, Dip=51, Slip=82; Radiated
                                                                 energy 1.0*10**14 Nm. Two events about 6 seconds apart.
                                                                 Depth based on second event.
                                                                 Moment Tensor (GS): Dep 45; Principal axes (scale 10**19
                                                                 Nm): (T) Val=3.99, Plg=77, Azm=358; (N) Val=0.02, Plg=3,
                                                                 Azm=256; (P) Val=-4.01, Plg=12, Azm=165; Best double
                                                                 couple: Mo=4.0*10**19 Nm; NP1: Strike=252, Dip=33, Slip=85;
                                                                 NP2: Strike=78, Dip=57, Slip=93.
                                                                 Centroid, Moment Tensor (HRV): Centroid origin time
                                                                 00:51:32.1; Lat 4.99 S; Lon 152.76 E; Dep 42.0 Bdy; Half-
                                                                 duration 8.9 sec; Principal axes (scale 10**19 Nm): (T)
                                                                 Val=4.40, Plg=72, Azm=337; (N) Val=0.15, Plg=3, Azm=77; (P)
                                                                 Val=-4.54, Plg=17, Azm=167; Best double couple:
                                                                 Mo=4.5*10**19 Nm; NP1: Strike=262, Dip=28, Slip=96; NP2:
                                                                 Strike=75, Dip=62, Slip=87.
                                                                 Scalar Moment (PPT): Mo=4.0*10**19 Nm.
16  02 06 56.1& 37.500 N  118.831 W    8                     6  CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM).
16  02 20 48.2& 32.230 S   71.715 W   23                    11  NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.4 (GUC).
16  02 26 42.3& 43.000 N    0.200 W   10                    11  PYRENEES. <LDG>. ML 2.2 (LDG), 2.2 (STR).
16  03 19 37.1  27.693 N  141.398 E  104 *  5.0       0.9  102  BONIN ISLANDS REGION
16  03 28 46.3& 37.539 N  118.812 W    6                    13  CALIFORNIA-NEVADA BORDER REGION. <GM-P>. ML 3.1 (GM), 3.3
                                                                 (BRK).
16  03 33 45.6& 59.980 N  153.180 W  137                    36  SOUTHERN ALASKA. <AEIC>.
16  03 38 31.5& 37.521 N  118.822 W    7                    11  CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.1 (GM). ML 3.2
                                                                 (BRK).
16  03 57 21.0& 37.510 N  118.821 W    2                    18  CALIFORNIA-NEVADA BORDER REGION. <GM-P>. ML 3.2 (GM), 3.5
                                                                 (BRK).
16  04 10 30.3? 17.04  S  179.22  W  500 G  3.5       1.2   17  FIJI ISLANDS REGION
16  04 48 42.7* 16.057 S  176.425 W  375 ?  4.1       1.0   24  FIJI ISLANDS REGION
16  05 34 39.9* 20.837 S  174.169 W  100 G  4.2       0.9   14  TONGA ISLANDS
16  05 41 43.5* 32.505 N   78.425 E   55 ?  4.5       1.4   19  KASHMIR-XIZANG BORDER REGION
16  05 54 08.8& 43.875 N    7.891 E   10                     6  NEAR SOUTH COAST OF FRANCE. <GEN>. ML 1.7 (GEN).
16  06 42 33.7& 37.490 N  118.828 W    5                    28  CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.1 (GM).
16  06 50 23.9& 37.498 N  118.839 W    5                    14  CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM). ML 3.0
                                                                 (BRK).
16  07 13 24.2& 37.060 N    3.680 W    0 G                   11  SPAIN. <MDD>. mbLg 2.2 (MDD).
16  07 14 57.8& 37.512 N  118.820 W    0                    15  CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM).
16  07 21 46.8& 37.493 N  118.847 W    7                    11  CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM).
16  07 29 12.4& 33.685 S   70.383 W  108                    13  CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.8 (GUC).
16  07 32 35.0& 46.300 N    7.300 E    7                    19  SWITZERLAND. <LDG>. ML 2.5 (LDG), 2.4 (STR).
16  08 02 48.1? 19.98  S  168.22  E   33 N          1.3   13  VANUATU ISLANDS
16  08 15 20.3& 37.493 N  118.830 W    6                    13  CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM). ML 3.1
                                                                 (BRK).
16  08 41 08.4& 34.072 S   70.085 W    5                    14  CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.1 (GUC).
16  08 52 15.3& 62.330 N  148.590 W   41                    37  CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC).
16  08 55 08.4& 42.274 N   18.937 E    8                    11  NORTHWESTERN BALKAN REGION. <PDG>. MD 2.0 (PDG).
16  09 12 20.1& 62.030 N  150.280 W    9                    41  CENTRAL ALASKA. <AEIC>. ML 3.7 (AEIC), 3.6 (PMR). Felt
                                                                 strongly at Talkeetna.
16  09 18 23.9& 44.346 N    8.772 E    1                    14  NORTHERN ITALY. <GEN>. ML 2.3 (GEN).
16  09 20 08.3& 63.510 N  150.930 W   11                    40  CENTRAL ALASKA. <AEIC>. ML 2.8 (AEIC), 3.0 (PMR).
16  09 39 15.0& 40.680 N   27.547 E    6                     4  TURKEY. <ISK>. MD 2.8 (ISK).
16  09 43 54.7& 60.230 N  147.980 W   18                    53  SOUTHERN ALASKA. <AEIC>. ML 3.2 (AEIC), 3.3 (PMR).
16  09 51 05.0& 33.019 S   70.445 W    7                    13  CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.3 (GUC).
16  09 55 36.0  40.480 N   77.625 E   33 N  4.5 3.8  1.4   30  KYRGYZSTAN-XINJIANG BORDER REG.
16  10 11 30.3  14.505 N   92.844 W   33 N  4.6 4.2  1.0   57  NEAR COAST OF CHIAPAS, MEXICO. ML 4.1 (CASC).
16  10 12 43.8* 15.672 N   91.532 W  188 *          1.1   16  MEXICO-GUATEMALA BORDER REGION
16  10 24 07.1  47.528 N   10.478 E   10 G          1.3   30  AUSTRIA. ML 2.8 (LDG), 2.8 (VIE), 2.7 (GRF), 2.7 (STR), 2.5
                                                                 (FBB), 2.5 (FUR).
16  10 45 22.0& 42.238 N   19.186 E    8                    11  NORTHWESTERN BALKAN REGION. <PDG>. ML 2.8 (PDG).
16  10 54 22.2& 46.500 N    7.200 E    2                     4  SWITZERLAND. <LDG>. ML 2.0 (LDG).
16  11 04 06.3& 37.522 N  118.825 W    8                    11  CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM).
16  11 04 14.0*  5.690 S  152.967 E   33 N          1.2   10  NEW BRITAIN REGION, P.N.G.
16  11 30 57.9& 37.503 N  118.810 W    4                    17  CALIFORNIA-NEVADA BORDER REGION. <GM-P>. ML 3.2 (GM), 3.3
                                                                 (BRK).
16  12 13 19.7  39.109 N   20.237 E   10 G          1.3   24  GREECE-ALBANIA BORDER REGION. ML 3.9 (ATH).
16  12 18 09.5& 37.519 N  118.825 W    4                    15  CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM). ML 3.1
                                                                 (BRK).
16  12 21 37.5  22.457 N   94.770 E  120 ?  4.1       0.7   16  MYANMAR
16  12 31 22.6& 37.517 N  118.827 W    8                    15  CALIFORNIA-NEVADA BORDER REGION. <GM-P>. ML 3.2 (GM), 3.2
                                                                 (BRK).
16  12 48 02.8& 36.820 N    5.400 W    0 G                    5  STRAIT OF GIBRALTAR. <MDD>. mbLg 2.0 (MDD).
16  13 41 42.4& 45.100 N    5.900 E    2                    17  FRANCE. <LDG>. ML 2.3 (LDG), 2.3 (STR).
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16	14	51	21.1&	37.523	N	118.822	W	5				12	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM).
16	14	59	02.1*	37.530	N	70.360	E	56 ?	4.0		1.0	13	AFGHANISTAN-TAJIKISTAN BORD REG.
16	15	04	54.8	12.870	N	124.772	E	33 N	4.5		0.8	26	SAMAR, PHILIPPINE ISLANDS
16	15	25	53.8	2.642	S	138.217	E	59 D	6.1	6.2	0.9	246	IRIAN JAYA, INDONESIA. Mw 6.4 (HRV), 6.3 (GS). Me 6.4 (GS). Felt (III) at Genyem and Sarmi. Also felt (III) at Serui, Yapen. Broadband Source Parameters (GS): Dep 41; NP1: Strike=110, Dip=55, Slip=60; NP2: Strike=335, Dip=45, Slip=126; Radiated energy 1.0*10**14 Nm. Moment Tensor (GS): Dep 47; Principal axes (scale 10**18 Nm): (T) Val=3.53, Plg=64, Azm=327; (N) Val=0.32, Plg=25, Azm=130; (P) Val=-3.85, Plg=7, Azm=223; Best double couple: Mo=3.7*10**18 Nm; NP1: Strike=339, Dip=44, Slip=127; NP2: Strike=112, Dip=57, Slip=60. Centroid, Moment Tensor (HRV): Centroid origin time 15:25:57.9; Lat 2.50 S; Lon 138.44 E; Dep 44.0 Bdy; Half-duration 3.7 sec; Principal axes (scale 10**18 Nm): (T) Val=3.69, Plg=66, Azm=314; (N) Val=0.26, Plg=23, Azm=127; (P) Val=-3.95, Plg=3, Azm=218; Best double couple: Mo=3.8*10**18 Nm; NP1: Strike=330, Dip=47, Slip=123; NP2: Strike=107, Dip=52, Slip=60. Scalar Moment (PPT): Mo=2.4*10**18 Nm.
16	16	13	08.9&	18.120	N	67.770	W	8				7	MONA PASSAGE. <MPR>. MD 2.8 (MPR).
16	16	16	15.9&	17.930	N	67.750	W	51				6	MONA PASSAGE. <MPR>. MD 2.6 (MPR).
16	16	23	41.9&	61.800	N	151.290	W	74	2.9			41	SOUTHERN ALASKA. <AEIC>.
16	16	45	12.6&	37.531	N	118.813	W	5				11	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM).
16	16	56	04.9&	32.290	S	70.283	W	124				11	CHILE-ARGENTINA BORDER REGION. <GUC>.
16	17	56	13.5&	33.265	S	70.821	W	78				12	CHILE-ARGENTINA BORDER REGION. <GUC>.
16	18	04	33.1*	38.706	N	75.594	E	33 N	3.9		1.1	10	SOUTHERN XINJIANG, CHINA
16	18	22	00.0&	11.267	N	61.685	W	22				5	WINDWARD ISLANDS. <TRN>. MD 3.3 (TRN).
16	18	49	50.9	57.991	N	157.067	W	33 N	3.6		0.7	19	ALASKA PENINSULA. ML 4.1 (PMR).
16	18	51	04.1&	34.070	S	72.326	W	2				9	NEAR COAST OF CENTRAL CHILE. <GUC>.
16	19	06	50.6&	34.064	S	72.397	W	34				8	NEAR COAST OF CENTRAL CHILE. <GUC>.
16	19	54	25.6*	29.459	N	51.974	E	33 N	3.9		1.0	10	SOUTHERN IRAN
16	19	55	37.8&	37.572	N	118.809	W	6				11	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM).
16	20	11	23.3*	12.380	S	166.975	E	284 ?	4.4		1.2	46	SANTA CRUZ ISLANDS
16	20	22	52.0&	45.390	N	16.240	E	0 G				4	NORTHWESTERN BALKAN REGION. <ZAG>. ML 2.2 (VIE).
16	20	56	54.6&	38.062	N	31.655	E	10 G				5	TURKEY. <ISK>. MD 3.4 (ISK).
16	21	20	01.6	41.965	N	142.315	E	72 D	4.7		0.8	84	HOKKAIDO, JAPAN REGION. Felt (III JMA) in the Shizunai area and (I JMA) in many other parts of southern Hokkaido. Also felt (I JMA) in eastern Aomori Prefecture, Honshu.
16	21	23	28.4&	17.177	N	100.057	W	72				9	GUERRERO, MEXICO. <UNM>. MD 3.8 (UNM).
16	21	33	45.8&	37.200	N	3.730	W	17				8	SPAIN. <MDD>. mbLg 1.6 (MDD).
16	21	45	55.3&	59.410	N	152.240	W	81				47	SOUTHERN ALASKA. <AEIC>.
16	21	51	13.4*	43.663	N	140.181	E	224 ?	3.9		0.5	12	HOKKAIDO, JAPAN REGION
16	21	54	13.1&	34.301	S	70.334	W	119				12	CHILE-ARGENTINA BORDER REGION. <GUC>.
16	22	10	53.5	9.534	S	106.637	E	33 N	4.6		1.1	33	SOUTH OF JAWA, INDONESIA
16	22	27	48.2*	46.057	N	14.772	E	10 G			0.2	5	NORTHWESTERN BALKAN REGION. ML 1.9 (VIE).
16	22	38	02.5&	37.469	N	118.847	W	8				37	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. ML 3.3 (GM).
16	22	45	32.9&	37.469	N	118.847	W	8				20	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. ML 3.3 (GM), 3.4 (BRK).
16	23	12	15.2&	37.527	N	118.819	W	7				19	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. ML 3.2 (GM), 3.4 (BRK).
16	23	17	11.1	32.568	N	136.544	E	451	4.5		0.9	46	SOUTHEAST OF SHIKOKU, JAPAN
16	23	27	05.9&	37.524	N	118.820	W	7				14	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.1 (GM). ML 3.1 (BRK).
16	23	36	01.5	29.402	N	52.043	E	33 N	4.6		1.0	60	SOUTHERN IRAN
17	00	04	06.8*	5.356	S	141.792	E	33 N			1.3	10	NEW GUINEA, PAPUA NEW GUINEA
17	00	19	41.4&	35.671	N	119.714	W	16				4	CENTRAL CALIFORNIA. <GM-P>. MD 2.5 (GM). ML 2.8 (PAS).
17	00	25	34.1*	52.336	S	19.802	E	10 G			1.3	11	SOUTHWEST OF AFRICA
17	00	30	33.8*	52.186	S	20.347	E	10 G			0.5	7	SOUTH OF AFRICA
17	00	47	39.4&	33.391	S	70.189	W	123				13	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.2 (GUC).
17	00	48	27.4&	46.300	N	7.200	E	2				16	SWITZERLAND. <LDG>. ML 2.5 (LDG).
17	01	01	59.4*	44.062	N	10.595	E	10 G			1.3	22	NORTHERN ITALY. ML 2.7 (LDG).
17	01	44	48.6&	17.701	N	99.061	W	73				7	GUERRERO, MEXICO. <UNM>. MD 3.7 (UNM).
17	02	34	00.8*	0.351	S	132.717	E	33 N	4.7		1.1	19	IRIAN JAYA REGION, INDONESIA
17	03	01	32.2&	42.874	N	18.522	E	5				9	NORTHWESTERN BALKAN REGION. <PDG>. MD 2.2 (PDG).
17	03	29	28.7*	18.403	N	110.370	E	33 N	4.2		1.2	16	HAINAN ISLAND, CHINA. Felt on Hainan Island.
17	03	46	00.1&	34.209	S	70.356	W	118				7	CHILE-ARGENTINA BORDER REGION. <GUC>.
17	03	55	45.3&	37.523	N	118.820	W	5				12	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM).
17	04	12	09.3?	52.17	S	20.30	E	10 G			0.8	6	SOUTH OF AFRICA
17	04	37	36.8&	14.927	N	61.360	W	184				15	WINDWARD ISLANDS. <TRN>. MD 3.6 (TRN), 3.0 (FDF).
17	04	40	23.1&	46.000	N	2.900	E	3				10	FRANCE. <LDG>. ML 1.8 (LDG).
17	04	52	34.0	42.284	N	87.917	E	33 N	4.2		0.7	16	NORTHERN XINJIANG, CHINA
17	04	53	54.8&	37.950	S	174.470	E	33 N				12	NORTH ISLAND, NEW ZEALAND. <WEL>. ML 4.5 (WEL).
17	04	54	58.1	58.991	N	163.667	E	72 D	4.2		0.8	11	KAMCHATKA
17	05	03	11.8&	60.281	N	153.695	W	192	3.2			47	SOUTHERN ALASKA. <AEIC>.
17	06	03	23.7&	37.140	N	3.690	W	0 G				17	SPAIN. <MDD>. mbLg 2.6 (MDD).
17	06	09	12.9&	31.891	S	70.594	W	102				12	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.7 (GUC).
17	06	17	27.4	6.799	N	72.963	W	170 D	4.3		0.7	36	NORTHERN COLOMBIA
17	06	17	33.3&	37.526	N	118.827	W	4				11	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM).
17	06	37	19.1&	37.511	N	118.826	W	4	3.9			61	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. Mw 4.0 (BRK). ML 4.3 (GM), 4.3 (BRK). Moment Tensor (BRK): Dep 4; Principal axes (scale 10**15 Nm): (T) Val=1.10, Plg=1, Azm=82; (N) Val=0.00, Plg=5, Azm=352; (P) Val=-1.10, Plg=85, Azm=181; Best double couple: Mo=1.1*10**15 Nm; NP1: Strike=347, Dip=46, Slip=-97; NP2: Strike=177, Dip=44, Slip=-83.
17	07	10	28.8&	37.518	N	118.822	W	3				11	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM).
17	07	14	20.7*	2.856	N	79.713	W	33 N	4.3		0.9	20	SOUTH OF PANAMA
17	07	22	46.5&	37.514	N	118.823	W	3				21	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. ML 3.1 (GM), 3.4 (BRK).
17	07	35	36.5	43.623	N	21.093	E	10 G			1.1	30	NORTHWESTERN BALKAN REGION. MD 3.4 (PDG).

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17  07 46 58.5& 32.341 S   71.377 W   43                    12  NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.5 (GUC).
17  08 08 53.5& 37.512 N  118.826 W    3                    25  CALIFORNIA-NEVADA BORDER REGION. <GM-P>. ML 3.5 (GM), 3.6
                                                                (BRK).
17  09 06 39.8   5.195 S  152.730 E   69    4.9 5.5  1.0   81  NEW BRITAIN REGION, P.N.G. Mw 5.5 (HRV).
                                                               Centroid, Moment Tensor (HRV): Centroid origin time
                                                                09:06:39.0; Lat 5.29 S; Lon 153.04 E; Dep 15.0 Fix; Half-
                                                                duration 1.3 sec; Principal axes (scale 10**17 Nm): (T)
                                                                Val=2.05, Plg=58, Azm=357; (N) Val=0.17, Plg=2, Azm=264;
                                                                (P) Val=-2.22, Plg=32, Azm=173; Best double couple:
                                                                Mo=2.1*10**17 Nm; NP1: Strike=257, Dip=13, Slip=83; NP2:
                                                                Strike=85, Dip=77, Slip=92.
17  09 20 17.9  13.942 N  144.776 E  188 ?  4.7       1.0   68  MARIANA ISLANDS
17  09 39 22.0& 36.550 N  117.820 W    6 G                    23  CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 3.5 (GS).
                                                                Double event. Small precursor about 13 seconds prior to
                                                                this event.
17  10 07 56.4   5.165 S  152.877 E   27 G  5.5 6.9  1.0  271  NEW BRITAIN REGION, P.N.G. Mw 6.6 (HRV), 6.4 (GS). Me 6.0
                                                                (GS).
                                                               Broadband Source Parameters (GS): Dep 27; NP1: Strike=85,
                                                                Dip=80, Slip=90; NP2: Strike=265, Dip=10, Slip=90; Radiated
                                                                energy 2.2*10**13 Nm.
                                                               Moment Tensor (GS): Dep 27; Principal axes (scale 10**18
                                                                Nm): (T) Val=5.01, Plg=64, Azm=348; (N) Val=-0.08, Plg=10,
                                                                Azm=100; (P) Val=-4.94, Plg=23, Azm=195; Best double
                                                                couple: Mo=5.0*10**18 Nm; NP1: Strike=305, Dip=24,
                                                                Slip=117; NP2: Strike=96, Dip=69, Slip=79.
                                                               Centroid, Moment Tensor (HRV): Centroid origin time
                                                                10:08:02.0; Lat 5.43 S; Lon 152.82 E; Dep 26.0 Bdy; Half-
                                                                duration 5.1 sec; Principal axes (scale 10**18 Nm): (T)
                                                                Val=8.55, Plg=58, Azm=339; (N) Val=0.12, Plg=8, Azm=82; (P)
                                                                Val=-8.67, Plg=31, Azm=177; Best double couple:
                                                                Mo=8.6*10**18 Nm; NP1: Strike=292, Dip=16, Slip=121; NP2:
                                                                Strike=80, Dip=76, Slip=82.
                                                               Scalar Moment (PPT): Mo=2.6*10**18 Nm.
17  10 13 51.5*  5.147 S  152.951 E   33 N          1.0   18  NEW BRITAIN REGION, P.N.G.
17  10 32 49.3& 40.706 N   30.070 E   10 G                    5  TURKEY. <ISK>. MD 2.7 (ISK).
17  10 44 19.7* 41.823 N  142.206 E   33 N  4.5       1.0   15  HOKKAIDO, JAPAN  REGION. Felt (I JMA) in northern Aomori
                                                                Prefecture, Honshu.
17  10 47 38.3   5.204 S  152.761 E   58 *  4.9       0.9   38  NEW BRITAIN REGION, P.N.G.
17  11 06 00.1*  5.228 S  152.791 E   70 *  4.5       1.0   13  NEW BRITAIN REGION, P.N.G.
17  11 16 06.3   5.199 S  152.739 E   63 *  4.7       0.9   36  NEW BRITAIN REGION, P.N.G.
17  11 30 11.1   5.370 S  152.848 E   59 *  4.8       0.8   21  NEW BRITAIN REGION, P.N.G.
17  11 40 14.7? 54.89  N  160.30  E   98 D  4.0       1.2    8  NEAR EAST COAST OF KAMCHATKA
17  11 50 26.8& 38.820 N  122.796 W    6                   13  NORTHERN CALIFORNIA. <GM-P>. ML 3.3 (GM), 3.2 (BRK).
17  11 53 50.1* 10.143 S  160.863 E   33 N  4.4       1.0   13  SOLOMON ISLANDS
17  12 29 12.0& 37.510 N  118.825 W    3                   11  CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM). ML 3.2
                                                                (BRK).
17  12 35 53.3*  5.522 S  152.705 E   33 N  4.4       1.0    6  NEW BRITAIN REGION, P.N.G.
17  12 39 23.1*  5.084 S  153.052 E   33 N          1.0    5  NEW IRELAND REGION, P.N.G.
17  13 20 50.6*  5.419 S  153.006 E   33 N  4.4       1.2   12  NEW IRELAND REGION, P.N.G.
17  13 39 46.3& 38.938 N   27.135 E   10 G                    5  TURKEY. <ISK>. MD 3.0 (ISK).
17  13 55 20.4& 63.315 N  145.304 W    6                   47  CENTRAL ALASKA. <AEIC>. ML 3.0 (AEIC), 3.2 (PMR).
17  13 56 22.1* 26.133 N   92.836 E   92 ?          0.6    7  NORTHEASTERN INDIA
17  14 02 36.3  85.649 N   84.367 E   10 G  4.5       1.0   15  NORTH OF SEVERNAYA ZEMLYA
17  14 16 28.0& 47.830 N    7.560 E    9                   22  SWITZERLAND. <FBB>. ML 2.6 (LDG), 2.3 (FBB), 2.3 (STR).
17  14 41 53.2* 43.589 N   21.176 E   10 G          0.8   14  NORTHWESTERN BALKAN REGION. MD 2.8 (PDG).
17  15 05 39.1& 37.527 N  118.874 W    6                   13  CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM). ML 3.0
                                                                (BRK).
17  15 25 34.3* 47.308 N    9.466 E    5 G          0.9    6  GERMANY. ML 2.5 (LDG).
17  15 49 29.4& 63.148 N  149.746 W   96                   50  CENTRAL ALASKA. <AEIC>.
17  16 00 24.8*  5.649 S  103.542 E   59 ?          1.1    8  SOUTHERN SUMATERA, INDONESIA
17  16 28 52.3& 37.540 N  118.812 W    6                   21  CALIFORNIA-NEVADA BORDER REGION. <GM-P>. ML 3.2 (GM), 3.3
                                                                (BRK).
17  16 33 02.1* 45.726 N   26.748 E  125 ?          0.6   14  ROMANIA
17  16 58 29.8& 32.749 S   71.762 W   31                   10  NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.5 (GUC).
17  17 04 20.6   5.039 S  152.537 E   81    5.0 5.4  1.0   79  NEW BRITAIN REGION, P.N.G. Mw 5.6 (HRV).
                                                               Centroid, Moment Tensor (HRV): Centroid origin time
                                                                17:04:19.9; Lat 5.18 S; Lon 153.03 E; Dep 15.0 Fix; Half-
                                                                duration 1.4 sec; Principal axes (scale 10**17 Nm): (T)
                                                                Val=2.32, Plg=59, Azm=347; (N) Val=0.27, Plg=2, Azm=254;
                                                                (P) Val=-2.58, Plg=31, Azm=162; Best double couple:
                                                                Mo=2.5*10**17 Nm; NP1: Strike=245, Dip=14, Slip=81; NP2:
                                                                Strike=74, Dip=76, Slip=92.
17  17 12 19.7  57.934 N  146.103 W   10 G          0.4   36  GULF OF ALASKA. ML 3.0 (AEIC).
17  17 32 10.7& 64.372 N  158.430 W   10 G  4.5          105  CENTRAL ALASKA. <AEIC>. ML 4.8 (AEIC), 4.9 (PMR). Felt (IV)
                                                                at Kaltag and Unalakleet; (III) at Galena.
17  17 42 30.7?  5.13  S  152.61  E   78 *  4.3       1.2   11  NEW BRITAIN REGION, P.N.G.
17  18 12 46.0* 32.620 N  138.026 E  353 *          0.7   10  SOUTH OF HONSHU, JAPAN
17  18 19 50.9*  5.414 S  152.784 E   65 *  4.6       1.1   20  NEW BRITAIN REGION, P.N.G.
17  18 33 16.9   5.098 S  152.622 E   63 *  4.9       1.0   58  NEW BRITAIN REGION, P.N.G.
17  18 53 36.1& 31.035 S   72.055 W   14                   12  OFF COAST OF CENTRAL CHILE. <GUC>. MD 4.2 (GUC).
17  18 58 19.1*  5.434 S  152.872 E   33 N  4.6       1.0   14  NEW BRITAIN REGION, P.N.G.
17  19 17 01.0& 36.400 N   22.990 E    5                    7  SOUTHERN GREECE. <ATH>. ML 3.2 (ATH).
17  19 32 09.6& 15.978 N   98.796 W   10                    9  OFF COAST OF GUERRERO, MEXICO. <UNM>. MD 3.8 (UNM).
17  20 35 42.4& 31.666 S   71.508 W   39                   15  NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.2 (GUC).
17  21 05 26.8& 53.159 N  161.950 W   12    4.4            40  SOUTH OF ALASKA. <AEIC>. ML 4.0 (AEIC).
17  21 24 07.1& 17.169 N  100.532 W    9                   12  GUERRERO, MEXICO. <UNM>. MD 3.8 (UNM).
17  22 05 04.1& 37.523 N  118.822 W    4                    9  CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM).
17  22 08 22.8* 12.080 N   87.646 W   56 *  4.3       1.4   28  NEAR COAST OF NICARAGUA. MD 4.3 (CASC).
17  22 18 57.3?  8.93  S  108.67  W   10 G  4.7       1.1   26  CENTRAL EAST PACIFIC RISE
17  23 13 18.0& 38.253 N   30.131 E    5                    4  TURKEY. <ISK>. MD 3.2 (ISK).
17  23 29 03.7& 32.797 S   71.030 W   65                   12  NEAR COAST OF CENTRAL CHILE. <GUC>. MD 2.5 (GUC).
17  23 34 19.8& 37.474 N  118.843 W    4                    9  CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM).
17  23 43 17.7? 12.57  N   87.60  W   33 N  4.2       1.0    8  NEAR COAST OF NICARAGUA. MD 4.1 (CASC).
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18	00	13	51.3*	7.118	S	154.885	E	33	N	4.6		1.0	13	SOLOMON ISLANDS
18	00	15	12.2&	16.782	N	61.950	W	112					21	LEEWARD ISLANDS. <FDF>. MD 3.8 (TRN), 3.7 (FDF). Felt (III) on Guadeloupe.
18	00	26	52.2	47.215	N	9.348	E	10	G			1.0	13	GERMANY. ML 2.5 (VIE), 2.3 (STR), 2.3 (LDG).
18	00	50	40.3&	32.778	S	70.098	W	111					8	CHILE-ARGENTINA BORDER REGION. <GUC>.
18	01	13	13.3*	31.834	S	70.135	W	100	G			0.7	13	CHILE-ARGENTINA BORDER REGION
18	01	36	37.9&	37.474	N	118.843	W	3					14	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM). ML 3.0 (BRK).
18	01	41	27.1&	42.890	N	0.900	W	2	G				4	PYRENEES. <STR>. ML 2.2 (STR), 1.6 (LDG).
18	02	02	27.6&	58.522	N	153.602	W	71					58	KODIAK ISLAND REGION. <AEIC>.
18	02	11	21.6&	43.100	N	0.100	W	2					6	PYRENEES. <LDG>. ML 2.3 (LDG), 2.2 (STR). Felt (I) at Cauterets, France.
18	02	20	40.6&	34.764	S	70.972	W	89					12	CHILE-ARGENTINA BORDER REGION. <GUC>.
18	02	48	59.2&	53.608	N	162.825	W	29		4.6			93	SOUTH OF ALASKA. <AEIC>. ML 4.1 (AEIC).
18	03	12	03.7&	53.491	N	162.413	W	35					14	SOUTH OF ALASKA. <AEIC>. ML 3.1 (AEIC).
18	03	12	43.5&	33.123	S	69.974	W	108					11	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.2 (GUC).
18	03	25	45.7*	7.931	N	59.164	E	10	G	4.5		0.4	11	CARLSBERG RIDGE
18	03	35	05.3	51.097	N	15.796	E	5	G			0.6	8	POLAND. ML 3.0 (VIE).
18	03	43	20.2	22.021	N	121.536	E	99	*	4.8		0.9	56	TAIWAN REGION. Felt (III JMA) on Lan Yu. Also felt (III JMA) at Cheng-kung and (II JMA) at Kao-hsiung and Tai-tung. Felt in much of southern Taiwan.
18	03	53	09.8*	2.967	S	138.012	E	33	N	4.9		1.5	17	IRIAN JAYA, INDONESIA
18	04	19	53.3	5.650	S	148.533	E	127	D	5.5		1.0	165	NEW BRITAIN REGION, P.N.G. Mw 6.1 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 04:19:58.8; Lat 5.89 S; Lon 148.60 E; Dep 124.4; Half-duration 2.6 sec; Principal axes (scale 10**18 Nm): (T) Val=1.41, Plg=26, Azm=190; (N) Val=0.02, Plg=57, Azm=51; (P) Val=-1.42, Plg=19, Azm=289; Best double couple: Mo=1.4*10**18 Nm; NP1: Strike=331, Dip=58, Slip=6; NP2: Strike=238, Dip=85, Slip=148.
18	04	36	41.9&	15.021	N	61.424	W	164					9	LEEWARD ISLANDS. <FDF>. MD 3.3 (FDF).
18	05	44	58.2&	38.630	N	23.810	E	5					9	GREECE. <ATH>. MD 3.2 (ATH).
18	06	14	58.2?	8.46	S	107.49	W	10	G	4.3		1.3	19	CENTRAL EAST PACIFIC RISE
18	06	16	10.4	5.030	S	152.764	E	33	N	5.3	5.8	1.1	117	NEW BRITAIN REGION, P.N.G. Mw 5.8 (HRV), 5.7 (GS). ML 5.7 (PMG). Moment Tensor (GS): Dep 28; Principal axes (scale 10**17 Nm): (T) Val=3.71, Plg=70, Azm=346; (N) Val=0.13, Plg=5, Azm=90; (P) Val=-3.84, Plg=19, Azm=182; Best double couple: Mo=3.8*10**17 Nm; NP1: Strike=280, Dip=26, Slip=101; NP2: Strike=87, Dip=64, Slip=84. Centroid, Moment Tensor (HRV): Centroid origin time 06:16:15.3; Lat 5.14 S Fix; Lon 153.00 E Fix; Dep 21.8 Fix; Half-duration 2.0 sec; Principal axes (scale 10**17 Nm): (T) Val=5.78, Plg=62, Azm=0; (N) Val=0.49, Plg=5, Azm=259; (P) Val=-6.27, Plg=27, Azm=167; Best double couple: Mo=6.0*10**17 Nm; NP1: Strike=243, Dip=19, Slip=73; NP2: Strike=81, Dip=72, Slip=96.
18	07	16	07.7	35.077	S	15.152	W	10	G	5.1	5.1	1.0	67	TRISTAN DA CUNHA REGION. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 07:16:15.6; Lat 35.02 S; Lon 14.73 W; Dep 15.0 Fix; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=1.74, Plg=3, Azm=314; (N) Val=-0.21, Plg=19, Azm=45; (P) Val=-1.53, Plg=71, Azm=214; Best double couple: Mo=1.6*10**17 Nm; NP1: Strike=24, Dip=45, Slip=-118; NP2: Strike=241, Dip=51, Slip=-65.
18	07	30	19.9*	5.378	S	153.266	E	33	N			1.4	11	NEW IRELAND REGION, P.N.G.
18	08	08	45.0&	47.530	N	7.860	E	23					8	SWITZERLAND. <FBB>. ML 2.2 (STR), 2.1 (FBB).
18	08	22	43.8*	5.491	S	147.247	E	227		4.7		0.9	26	EASTERN NEW GUINEA REG., P.N.G.
18	08	47	42.5?	6.95	N	72.98	W	150	G	3.8		0.9	10	NORTHERN COLOMBIA
18	08	54	26.1&	33.156	S	70.119	W	9					11	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.1 (GUC).
18	08	59	32.5%	29.696	N	68.085	E	33	N			0.8	6	PAKISTAN
18	09	10	07.7	51.573	N	16.271	E	5	G			0.7	8	POLAND. MG 2.8 (WAR).
18	09	19	34.0	38.674	S	175.260	E	283	D	5.5		1.2	110	NORTH ISLAND, NEW ZEALAND. Mw 5.8 (GS), 5.7 (HRV). Felt strongly at Wellington and as far north as Gisborne. Also felt on the South Island as far as Christchurch. Moment Tensor (GS): Dep 282; Principal axes (scale 10**17 Nm): (T) Val=5.23, Plg=18, Azm=40; (N) Val=-0.78, Plg=2, Azm=130; (P) Val=-4.45, Plg=72, Azm=225; Best double couple: Mo=4.8*10**17 Nm; NP1: Strike=127, Dip=27, Slip=-93; NP2: Strike=311, Dip=63, Slip=-88. Centroid, Moment Tensor (HRV): Centroid origin time 09:19:37.9; Lat 38.47 S; Lon 175.29 E; Dep 275.9; Half-duration 1.7 sec; Principal axes (scale 10**17 Nm): (T) Val=4.32, Plg=16, Azm=41; (N) Val=0.39, Plg=8, Azm=309; (P) Val=-4.72, Plg=73, Azm=193; Best double couple: Mo=4.5*10**17 Nm; NP1: Strike=142, Dip=30, Slip=-74; NP2: Strike=304, Dip=61, Slip=-99.
18	09	21	43.7%	42.280	N	83.451	E	33	N			1.3	9	NORTHERN XINJIANG, CHINA
18	09	55	43.8?	29.64	N	51.80	E	33	N	3.9		1.2	10	SOUTHERN IRAN
18	10	01	39.8?	28.93	N	52.35	E	33	N	4.0		0.7	6	SOUTHERN IRAN
18	10	50	30.0&	48.290	N	9.030	E	11					22	GERMANY. <FBB>. ML 2.7 (VIE), 2.4 (FBB), 2.4 (STR).
18	11	55	44.8&	42.525	N	19.143	E	13					9	NORTHWESTERN BALKAN REGION. <PDG>. MD 1.4 (PDG).
18	12	32	36.1&	44.565	N	7.181	E	10					10	NORTHERN ITALY. <GEN>. ML 2.0 (GEN).
18	12	49	55.8&	42.514	N	19.114	E	13					9	NORTHWESTERN BALKAN REGION. <PDG>. MD 1.5 (PDG).
18	13	36	46.4&	44.050	N	8.077	E	8					9	NORTHERN ITALY. <GEN>. ML 2.1 (GEN).
18	14	02	59.2*	5.542	S	153.021	E	33	N			1.3	9	NEW IRELAND REGION, P.N.G.
18	14	24	46.5&	44.274	N	7.425	E	17					5	NORTHERN ITALY. <GEN>. ML 1.7 (GEN).
18	14	38	28.9	5.204	S	152.816	E	33	N	5.0	4.9	0.9	45	NEW BRITAIN REGION, P.N.G. Mw 5.3 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 14:38:32.3; Lat 5.00 S; Lon 153.29 E; Dep 37.4; Half-duration 1.0 sec; Principal axes (scale 10**17 Nm): (T) Val=0.81, Plg=58, Azm=329; (N) Val=0.25, Plg=6, Azm=73; (P) Val=-1.06, Plg=30, Azm=168; Best double couple:

Mo=9.4*10**16 Nm; NP1: Strike=283, Dip=16, Slip=121; NP2: Strike=71, Dip=76, Slip=81.

18	14	54	55.6	50.507	N	18.881	E	5	G		0.7	8	POLAND. ML 3.2 (VIE).
18	14	56	23.3&	37.522	N	118.824	W	5				17	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. ML 3.1 (GM), 3.4 (BRK).
18	14	57	56.1	5.380	S	153.046	E	33	N	5.0 5.2	1.1	58	NEW IRELAND REGION, P.N.G. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 14:57:59.3; Lat 5.74 S; Lon 152.95 E; Dep 30.0 Bdy; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=1.34, Plg=63, Azm=353; (N) Val=0.06, Plg=1, Azm=260; (P) Val=-1.40, Plg=27, Azm=170; Best double couple: Mo=1.4*10**17 Nm; NP1: Strike=256, Dip=18, Slip=85; NP2: Strike=81, Dip=72, Slip=91.
18	15	04	59.4&	63.553	N	150.060	W	137				54	CENTRAL ALASKA. <AEIC>.
18	15	30	41.0*	5.359	S	153.127	E	33	N		1.0	8	NEW IRELAND REGION, P.N.G.
18	16	06	22.9&	34.256	S	70.150	W	7				11	CHILE-ARGENTINA BORDER REGION. <GUC>.
18	16	13	30.2*	7.583	N	59.454	E	10	G	4.8	1.3	21	CARLSBERG RIDGE
18	16	17	46.6&	40.250	N	27.854	E	10	G			5	TURKEY. <ISK>. MD 2.7 (ISK).
18	17	09	18.1*	36.924	N	73.070	E	44	?	4.1	1.3	19	NORTHWESTERN KASHMIR
18	18	23	22.4&	17.602	N	101.385	W	10				7	NEAR COAST OF GUERRERO, MEXICO. <UNM>. MD 3.8 (UNM).
18	18	34	10.1&	31.688	S	71.756	W	14				11	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.7 (GUC).
18	18	42	35.0&	61.727	N	151.707	W	102				33	SOUTHERN ALASKA. <AEIC>.
18	18	56	49.4&	48.090	N	7.620	E	2				4	FRANCE. <STR>. ML 1.8 (STR).
18	18	58	47.0&	37.464	N	118.840	W	4				10	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.1 (GM).
18	19	28	28.8	2.563	N	120.897	E	675		4.8	0.9	56	CELEBES SEA
18	19	39	57.3&	15.254	N	95.819	W	4				7	NEAR COAST OF OAXACA, MEXICO. <UNM>. MD 4.1 (UNM).
18	19	52	59.9	5.625	N	123.855	E	33	N	5.8 5.6	1.0	182	MINDANAO, PHILIPPINE ISLANDS. Mw 5.9 (HRV), 5.8 (GS). Me 5.9 (GS). Broadband Source Parameters (GS): Dep 18; NP1: Strike=135, Dip=30, Slip=90; NP2: Strike=315, Dip=60, Slip=90; Radiated energy 1.7*10**13 Nm. Moment Tensor (GS): Dep 17; Principal axes (scale 10**17 Nm): (T) Val=4.72, Plg=68, Azm=188; (N) Val=0.50, Plg=20, Azm=345; (P) Val=-5.22, Plg=8, Azm=78; Best double couple: Mo=5.0*10**17 Nm; NP1: Strike=190, Dip=41, Slip=122; NP2: Strike=331, Dip=56, Slip=65. Centroid, Moment Tensor (HRV): Centroid origin time 19:53:03.0; Lat 5.64 N; Lon 123.74 E; Dep 19.0 Bdy; Half-duration 2.0 sec; Principal axes (scale 10**17 Nm): (T) Val=7.78, Plg=84, Azm=156; (N) Val=-0.68, Plg=6, Azm=331; (P) Val=-7.09, Plg=1, Azm=61; Best double couple: Mo=7.4*10**17 Nm; NP1: Strike=157, Dip=45, Slip=99; NP2: Strike=325, Dip=46, Slip=81.
18	20	00	11.5&	37.378	N	28.410	E	10	G			5	TURKEY. <ISK>. MD 3.0 (ISK).
18	20	08	31.9*	40.371	N	125.955	W	10	G		0.7	20	OFF COAST OF NORTHERN CALIFORNIA. ML 3.6 (BRK).
18	20	20	16.0	85.632	N	86.146	E	10	G	5.1 5.3	1.0	177	NORTH OF SEVERNAYA ZEMLYA. Mw 5.5 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 20:20:19.8; Lat 85.55 N; Lon 84.51 E; Dep 15.0 Fix; Half-duration 1.3 sec; Principal axes (scale 10**17 Nm): (T) Val=2.11, Plg=4, Azm=33; (N) Val=0.47, Plg=25, Azm=124; (P) Val=-2.58, Plg=65, Azm=294; Best double couple: Mo=2.3*10**17 Nm; NP1: Strike=98, Dip=46, Slip=-126; NP2: Strike=324, Dip=54, Slip=-59.
18	20	25	52.2&	37.550	N	118.807	W	9				7	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM).
18	20	33	16.8	13.975	N	145.077	E	33	N	5.0	1.3	48	MARIANA ISLANDS
18	20	36	48.9*	13.806	N	145.132	E	33	N		1.2	11	MARIANA ISLANDS
18	20	46	29.2&	60.028	N	140.612	W	2				32	SOUTHEASTERN ALASKA. <AEIC>. ML 3.2 (AEIC), 3.2 (PGC).
18	20	47	30.3	38.085	N	1.389	W	10	G		0.8	25	SPAIN. mbLg 3.1 (MDD). Felt (III) at Campos del Rio, Mula and Pliego; (II) at Abaran, Alcantarilla, Archena, La Alberca, Las Torres de Cotillas, Molina de Segura and Murcia.
18	21	06	28.4&	37.506	N	118.813	W	4				17	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. ML 3.7 (GM), 3.7 (BRK).
18	21	10	43.0&	38.820	N	27.580	E	10				9	TURKEY. <ATH>. MD 3.5 (ATH), 3.1 (ISK).
18	21	37	59.1?	14.95	N	91.28	W	33	N	3.4	1.0	5	GUATEMALA
18	21	51	26.9&	37.436	N	28.396	E	10	G			5	TURKEY. <ISK>. MD 3.0 (ISK).
18	21	57	54.3&	39.564	N	28.989	E	10	G			9	TURKEY. <ISK>. MD 2.9 (ISK).
18	22	38	51.1&	35.070	N	3.380	W	15				9	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.1 (MDD).
18	23	24	48.0*	0.392	S	100.164	E	104	D	4.7	1.0	22	SOUTHERN SUMATERA, INDONESIA
18	23	30	05.5&	37.524	N	118.821	W	7				10	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM).
18	23	58	02.1	44.200	N	129.198	W	10	G	3.6	0.7	46	OFF COAST OF OREGON
19	00	10	25.4&	39.160	N	21.640	E	5				10	GREECE. <ATH>. MD 3.0 (ATH).
19	00	26	57.8*	7.657	N	59.613	E	10	G	4.8	1.2	25	CARLSBERG RIDGE
19	00	33	07.2&	33.584	S	71.938	W	12				11	NEAR COAST OF CENTRAL CHILE. <GUC>.
19	00	34	46.1&	34.287	S	70.138	W	7				9	CHILE-ARGENTINA BORDER REGION. <GUC>.
19	01	21	46.0*	33.055	S	179.447	E	271	?	4.3	0.6	12	SOUTH OF KERMADEC ISLANDS
19	01	26	37.4&	34.303	S	70.152	W	7				11	CHILE-ARGENTINA BORDER REGION. <GUC>.
19	01	27	46.4*	52.940	N	160.535	E	33	N	4.6	1.0	21	OFF EAST COAST OF KAMCHATKA
19	01	37	39.1&	33.957	S	70.144	W	9				8	CHILE-ARGENTINA BORDER REGION. <GUC>.
19	01	39	24.5&	33.958	S	70.139	W	10				7	CHILE-ARGENTINA BORDER REGION. <GUC>.
19	01	39	49.2&	33.962	S	70.146	W	8				8	CHILE-ARGENTINA BORDER REGION. <GUC>.
19	01	40	43.2&	33.952	S	70.130	W	8				8	CHILE-ARGENTINA BORDER REGION. <GUC>.
19	01	41	17.1&	33.957	S	70.158	W	10				11	CHILE-ARGENTINA BORDER REGION. <GUC>.
19	01	42	40.4&	33.962	S	70.147	W	8				9	CHILE-ARGENTINA BORDER REGION. <GUC>.
19	01	57	52.5&	37.480	N	118.840	W	4				15	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. ML 2.9 (GM), 3.2 (BRK).
19	02	06	12.1&	61.349	N	151.005	W	52				28	SOUTHERN ALASKA. <AEIC>. ML 2.9 (AEIC).
19	02	17	14.2&	37.037	N	3.654	W	10	G		0.9	11	SPAIN. mbLg 2.0 (MDD).
19	02	25	03.1*	43.087	N	76.112	E	10	G	4.4	1.1	11	LAKE ISSYK-KUL REGION
19	02	33	27.8	43.906	N	7.383	E	10	G		0.5	20	NEAR SOUTH COAST OF FRANCE. ML 2.2 (STR), 2.0 (LDG).
19	02	47	36.8?	29.66	N	51.93	E	33	N	4.2	1.4	17	SOUTHERN IRAN
19	02	49	35.4&	62.269	N	148.849	W	4				25	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC), 3.0 (PMR).
19	03	08	18.1	44.944	N	10.569	E	10	G		1.2	13	NORTHERN ITALY. ML 2.6 (LDG).

19	03	33	50.2	14.636	S	73.664	W	71	*	4.3	0.7	36	CENTRAL PERU
19	03	50	12.6	44.504	N	7.025	E	10	G		0.8	43	NORTHERN ITALY. ML 2.9 (GEN), 2.8 (STR), 2.6 (LDG).
19	03	54	54.0*	5.139	S	153.020	E	62	*	4.2	1.0	13	NEW IRELAND REGION, P.N.G.
19	03	55	27.4%	37.324	N	4.170	W	33	N		1.2	17	SPAIN. mbLg 2.3 (MDD).
19	04	48	11.0	36.444	N	70.092	E	223	D	4.8	0.8	162	HINDU KUSH REGION, AFGHANISTAN
19	05	09	43.2&	43.110	N	0.300	W	2				10	PYRENEES. <STR>. ML 2.2 (STR), 2.2 (LDG).
19	05	33	23.1&	33.234	S	71.560	W	43				15	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.3 (GUC). Felt (III) at Valparaiso, Villa Alemana and Vina del Mar; (II) at La Serena, Quillota and Santiago.
19	05	43	51.2&	46.700	N	7.400	E	2				7	SWITZERLAND. <LDG>. ML 2.3 (LDG), 2.1 (STR).
19	06	02	12.4%	38.084	S	176.159	E	200	G		0.6	18	NORTH ISLAND, NEW ZEALAND
19	06	07	14.2*	56.035	N	114.772	E	10	G	4.2	1.2	15	EAST OF LAKE BAYKAL, RUSSIA. Felt (III) at Taksimo and (II) at Bodaybo.
19	06	10	27.0	5.406	S	102.195	E	27	D	5.2 4.8	1.0	55	SOUTHERN SUMATERA, INDONESIA. Mw 5.1 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 06:10:28.5; Lat 5.89 S; Lon 102.08 E; Dep 49.4; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=4.94, Plg=48, Azm=94; (N) Val=0.22, Plg=28, Azm=329; (P) Val=-5.16, Plg=29, Azm=222; Best double couple: Mo=5.1*10**16 Nm; NP1: Strike=263, Dip=30, Slip=21; NP2: Strike=154, Dip=80, Slip=118.
19	06	18	38.1*	24.277	S	70.405	W	100	G	4.1	0.8	9	NEAR COAST OF NORTHERN CHILE
19	06	26	08.7*	5.482	S	153.091	E	33	N	4.1	1.2	10	NEW IRELAND REGION, P.N.G.
19	06	31	33.7*	46.786	N	151.835	E	33	N	4.7	1.2	12	KURIL ISLANDS
19	07	13	55.7&	35.311	N	118.949	W	15				12	CENTRAL CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
19	07	21	23.2&	62.062	N	148.370	W	32				22	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC).
19	07	48	01.6*	5.183	S	153.182	E	33	N		1.1	7	NEW IRELAND REGION, P.N.G.
19	07	50	25.9	40.441	S	173.551	E	176			1.1	28	COOK STRAIT, NEW ZEALAND
19	08	44	47.8*	57.247	N	120.417	E	10	G	4.3	1.1	16	SOUTHEASTERN SIBERIA, RUSSIA
19	10	24	59.2&	34.674	S	70.743	W	99				8	CHILE-ARGENTINA BORDER REGION. <GUC>.
19	10	31	34.9&	37.505	N	118.825	W	8				45	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. ML 3.5 (GM), 3.7 (BRK).
19	10	42	19.8*	7.205	S	129.124	E	72	*	4.7	0.9	27	BANDA SEA
19	11	33	05.7&	40.144	N	29.433	E	14				6	TURKEY. <ISK>. MD 2.7 (ISK).
19	12	47	32.0&	41.864	N	20.028	E	13				13	ALBANIA. <PDG>. MD 2.6 (PDG).
19	12	58	59.6*	20.249	S	68.934	W	133	*	4.1	0.9	22	CHILE-BOLIVIA BORDER REGION
19	13	01	24.3*	36.143	S	96.913	W	10	G	4.4	0.7	12	WEST CHILE RISE
19	13	34	03.7&	49.270	N	8.260	E	5	G			4	GERMANY. <STR>. ML 1.9 (STR).
19	13	42	06.9&	49.280	N	8.300	E	5	G			5	GERMANY. <STR>. ML 1.7 (STR).
19	14	17	55.1*	48.376	N	84.374	E	33	N	4.4	0.7	13	EASTERN KAZAKHSTAN. Felt (III) at Kurshim and Samarskoe.
19	14	22	50.4&	38.240	N	21.720	E	5				10	GREECE. <ATH>. MD 3.1 (ATH).
19	14	53	56.1*	0.225	N	98.795	E	76	?	4.4	1.0	13	NORTHERN SUMATERA, INDONESIA
19	15	10	06.7&	62.288	N	149.888	W	56				36	CENTRAL ALASKA. <AEIC>. ML 3.2 (AEIC), 3.7 (PMR).
19	15	44	19.1&	35.716	S	71.758	W	5				10	CENTRAL CHILE. <GUC>. MD 3.8 (GUC). Felt (II) at Talca.
19	15	48	20.3&	35.750	N	21.540	E	35				5	CENTRAL MEDITERRANEAN SEA. <ATH>. MD 3.6 (ATH).
19	18	04	06.3&	34.581	S	72.357	W	36				12	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.5 (GUC).
19	18	40	00.3	15.896	N	92.929	W	95	D	4.7	1.1	83	MEXICO-GUATEMALA BORDER REGION. MD 4.7 (UNM), 4.6 (CASC).
19	20	23	06.0&	19.187	N	98.957	W	5				10	CENTRAL MEXICO. <UNM>. MD 3.1 (UNM).
19	20	26	54.5&	34.629	S	72.365	W	31				10	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.9 (GUC).
19	21	11	16.2%	40.779	N	32.346	E	10	G		0.5	8	TURKEY. MD 3.4 (ISK).
19	21	27	39.0	4.872	S	151.833	E	136		4.9	0.7	25	NEW BRITAIN REGION, P.N.G.
19	21	36	33.1&	64.912	N	151.508	W	36				23	CENTRAL ALASKA. <AEIC>. ML 3.0 (AEIC), 2.9 (PMR).
19	22	05	19.3*	24.228	N	122.789	E	59	*	3.7	0.6	10	TAIWAN REGION
19	22	20	11.7	56.852	N	153.238	W	10	G	4.6	1.1	51	KODIAK ISLAND REGION. ML 4.6 (PMR), 4.3 (AEIC). Felt at Old Harbor.
19	23	28	29.8%	36.800	N	5.467	W	10	G		0.6	10	STRAIT OF GIBRALTAR. mbLg 2.1 (MDD).
20	00	22	48.0&	49.140	N	6.880	E	1	G			20	GERMANY. <FBB>. ML 2.7 (GRF), 2.5 (UCC), 2.4 (FBB). Mining induced event in the Lorraine region, France.
20	00	24	17.8&	33.067	S	70.224	W	103				12	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.6 (GUC).
20	01	02	44.2?	6.97	S	155.98	E	33	N	4.6	0.8	14	SOLOMON ISLANDS
20	01	13	44.2&	36.830	N	5.510	W	0	G			14	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.5 (MDD).
20	02	27	05.8&	45.200	N	6.400	E	2				5	FRANCE. <LDG>. ML 1.7 (LDG).
20	03	21	04.3&	37.313	N	27.780	E	10	G			10	TURKEY. <ISK>. MD 3.7 (ATH), 3.2 (ISK).
20	03	24	19.8&	40.138	N	122.543	W	21				21	NORTHERN CALIFORNIA. <GM-P>. ML 3.4 (GM), 3.6 (BRK).
20	03	52	07.4*	8.772	S	114.766	E	121	*	4.0	0.6	7	BALI REGION, INDONESIA
20	03	58	04.5&	14.578	N	61.121	W	130				7	WINDWARD ISLANDS. <FDF>. MD 3.1 (FDF).
20	04	00	50.1&	30.529	S	71.333	W	53				8	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.6 (GUC).
20	04	48	33.2&	36.290	N	3.530	W	31				6	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.1 (MDD).
20	04	49	37.8&	4.521	N	75.665	W	4				5	COLOMBIA. <RSNC>. ML 2.4 (RSNC).
20	05	21	07.7	29.753	S	71.605	W	63	*	4.2	1.3	33	NEAR COAST OF CENTRAL CHILE
20	05	35	28.1&	11.175	N	60.735	W	4				6	WINDWARD ISLANDS. <TRN>. MD 2.2 (TRN).
20	05	42	02.2&	40.751	N	29.798	E	13				7	TURKEY. <ISK>. MD 3.0 (ISK).
20	06	04	36.8&	42.037	N	19.185	E	3				9	NORTHWESTERN BALKAN REGION. <PDG>. MD 1.9 (PDG).
20	07	00	28.7	4.700	S	153.245	E	73	D	5.0	0.9	69	NEW IRELAND REGION, P.N.G. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 07:00:30.1; Lat 4.83 S; Lon 153.19 E; Dep 49.6; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=1.31, Plg=63, Azm=317; (N) Val=-0.16, Plg=17, Azm=86; (P) Val=-1.16, Plg=20, Azm=182; Best double couple: Mo=1.2*10**17 Nm; NP1: Strike=299, Dip=30, Slip=127; NP2: Strike=78, Dip=67, Slip=71.
20	07	02	43.1&	38.830	N	20.530	E	5				6	GREECE. <ATH>. MD 3.2 (ATH).
20	07	11	14.1&	63.454	N	151.306	W	11				34	CENTRAL ALASKA. <AEIC>. ML 3.0 (AEIC), 3.2 (PMR).
20	07	18	07.6&	18.180	N	67.040	W	18				8	MONA PASSAGE. <MPR>. MD 2.7 (MPR).
20	07	29	04.5&	63.469	N	151.331	W	5				27	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
20	08	29	37.5?	5.44	S	153.01	E	57	?	4.4	1.3	10	NEW IRELAND REGION, P.N.G.
20	08	31	51.3&	66.312	N	153.220	W	0				22	NORTHERN ALASKA. <AEIC>. ML 3.9 (AEIC).
20	08	32	22.9&	39.634	N	29.510	E	10	G			4	TURKEY. <ISK>. MD 2.7 (ISK).
20	08	43	45.3	40.416	N	143.794	E	50	D	4.5	1.4	54	OFF EAST COAST OF HONSHU, JAPAN
20	09	12	12.8&	39.161	N	29.416	E	9				8	TURKEY. <ISK>. MD 3.1 (ISK).
20	09	14	00.8*	86.032	N	79.515	E	10	G	3.9	1.1	13	NORTH OF SEVERNAYA ZEMLYA
20	09	40	30.9*	36.880	N	73.831	E	33	N	4.1	0.9	12	NORTHWESTERN KASHMIR
20	09	55	55.2&	40.439	N	29.277	E	10	G			6	TURKEY. <ISK>. MD 2.6 (ISK).

20	10	58	06.6&	37.475	N	118.826	W	0					10	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM).
20	11	05	14.2&	45.200	N	6.500	E	2					5	FRANCE. <LDG>. ML 2.0 (LDG).
20	11	15	19.4*	12.710	N	87.599	W	95	*	4.2		1.2	23	NEAR COAST OF NICARAGUA. MD 4.2 (CASC).
20	11	50	41.8	51.474	N	16.119	E	5	G			1.0	17	POLAND. ML 3.5 (VIE), 3.4 (GRF).
20	11	58	07.7	43.075	N	146.753	E	33	N	4.6		0.9	41	KURIL ISLANDS
20	12	03	23.8&	36.490	N	4.730	W	20					5	STRAIT OF GIBRALTAR. <MDD>. mbLg 1.8 (MDD).
20	12	16	56.0	9.812	S	117.810	E	37	*	4.9	4.2	1.1	55	SUMBAWA REGION, INDONESIA
20	12	29	06.2	7.290	S	106.072	E	50	*	4.9		1.2	41	JAWA, INDONESIA
20	12	45	44.0	26.407	S	69.078	W	128	D	4.4		1.2	61	NORTHERN CHILE. Felt (III) at Chanaral, Diego de Almagro, El Salado, El Salvador, Inca de Oro and Potrerillos; (II) at Tierra Amarilla.
20	13	00	36.9?	23.92	S	179.68	E	554	?	4.3		1.0	20	SOUTH OF FIJI ISLANDS
20	13	07	23.2&	46.680	N	7.400	E	2					9	SWITZERLAND. <LDG>. ML 2.4 (LDG), 2.2 (STR).
20	13	11	36.4&	46.700	N	7.300	E	2					114	SWITZERLAND. <LDG>. ML 4.2 (GRF), 4.0 (LDG), 3.7 (FBB), 3.7 (FUR), 3.7 (VIE), 3.6 (STR), 3.5 (UCC).
20	13	34	30.8&	46.700	N	7.300	E	2					19	SWITZERLAND. <LDG>. ML 2.5 (LDG), 2.4 (STR), 2.1 (FBB).
20	13	47	45.8*	46.733	N	152.960	E	33	N	4.3	4.1	1.3	18	KURIL ISLANDS
20	14	31	32.0&	33.413	S	72.296	W	15					12	OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.9 (GUC).
20	14	35	26.7&	37.185	N	28.881	E	9					4	TURKEY. <ISK>. MD 2.8 (ISK).
20	14	56	27.0&	40.125	N	28.095	E	11					4	TURKEY. <ISK>. MD 2.7 (ISK).
20	15	11	45.3&	55.867	N	161.110	W	157		3.3			33	ALASKA PENINSULA. <AEIC>.
20	15	15	06.6*	36.434	N	70.497	E	179	*	4.0		0.9	18	HINDU KUSH REGION, AFGHANISTAN
20	15	20	50.7&	36.894	N	28.826	E	15					5	DODECANESE ISLANDS. <ISK>. MD 3.1 (ISK).
20	15	28	03.4&	46.700	N	7.300	E	2					14	SWITZERLAND. <LDG>. ML 2.5 (LDG), 2.3 (STR).
20	15	28	04.8&	39.238	N	27.001	E	10	G				4	TURKEY. <ISK>. MD 2.8 (ISK).
20	15	42	34.9&	31.997	S	71.587	W	18					10	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.1 (GUC).
20	15	48	09.5&	46.700	N	7.300	E	2					63	SWITZERLAND. <LDG>. ML 3.1 (LDG), 3.0 (STR), 2.7 (FBB).
20	15	54	30.5&	59.958	N	152.841	W	95					42	SOUTHERN ALASKA. <AEIC>.
20	16	09	26.2?	31.36	S	68.41	W	120	G			1.0	13	SAN JUAN PROVINCE, ARGENTINA. MD 3.5 (GUC).
20	16	24	12.2	85.577	N	85.413	E	10	G	4.5	3.8	1.2	27	NORTH OF SEVERNAYA ZEMLYA
20	16	27	36.8?	17.48	S	178.75	W	479	?	3.9		1.3	22	FIJI ISLANDS REGION
20	16	44	14.0&	48.290	N	5.790	E	2	G				8	FRANCE. <STR>. ML 2.6 (STR).
20	17	07	08.4?	35.53	S	179.58	E	174	?	4.4		1.2	17	OFF E. COAST OF N. ISLAND, N.Z.
20	17	07	15.9&	46.700	N	7.500	E	2					9	SWITZERLAND. <LDG>. ML 2.3 (LDG), 2.1 (STR).
20	17	12	12.0	7.281	S	128.399	E	114		5.2		0.8	130	BANDA SEA
20	17	26	55.2	18.393	S	168.828	E	33	N	4.9	4.6	1.1	51	VANUATU ISLANDS
20	17	42	51.2&	37.524	N	118.821	W	7					13	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. ML 3.1 (GM).
20	17	44	31.1&	33.456	S	72.244	W	39					12	OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.5 (GUC).
20	17	56	42.1&	46.600	N	7.300	E	2					70	SWITZERLAND. <LDG>. ML 3.3 (LDG), 3.1 (STR), 2.9 (FBB), 2.7 (VIE).
20	17	57	53.4&	59.978	N	151.067	W	60					47	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.5 (AEIC), 3.5 (PMR). Felt at Clam Gulch.
20	18	40	37.4?	12.09	N	143.85	E	144	?	4.4		1.4	25	SOUTH OF MARIANA ISLANDS
20	18	55	38.6	29.747	S	72.167	W	33	N			1.1	38	OFF COAST OF CENTRAL CHILE
20	19	24	51.0&	59.899	N	152.256	W	71		3.1			53	SOUTHERN ALASKA. <AEIC>.
20	19	55	33.4&	45.375	N	26.234	E	130	G			0.7	9	ROMANIA
20	19	56	26.5&	43.100	N	0.060	W	2	G				8	PYRENEES. <STR>. ML 2.4 (STR), 2.3 (LDG).
20	20	40	31.9&	46.600	N	7.400	E	2					6	SWITZERLAND. <LDG>. ML 2.1 (LDG), 2.0 (STR).
20	20	43	42.0&	37.522	N	118.811	W	3					9	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM).
20	21	01	09.6*	40.855	N	22.976	E	10	G			1.5	9	GREECE. MD 3.2 (ATH).
20	21	06	46.3&	34.936	S	71.125	W	106					7	NEAR COAST OF CENTRAL CHILE. <GUC>.
20	21	16	28.0?	12.01	N	141.93	E	33	N	4.8		1.4	10	SOUTH OF MARIANA ISLANDS
20	21	40	57.2&	16.840	N	100.524	W	8					6	NEAR COAST OF GUERRERO, MEXICO. <UNM>. MD 3.6 (UNM).
20	21	50	42.9&	46.700	N	7.300	E	2					17	SWITZERLAND. <LDG>. ML 2.3 (LDG), 2.3 (STR).
20	22	15	17.0?	31.68	S	179.72	E	543	?	4.4		1.3	24	KERMADEC ISLANDS REGION
20	22	49	49.7&	35.580	N	23.280	E	5					4	CRETE. <ATH>. MD 3.2 (ATH).
20	22	54	01.0*	10.362	N	62.976	W	67	*	4.6		1.1	48	NEAR COAST OF VENEZUELA. MD 4.0 (TRN).
20	23	18	31.5&	15.452	N	98.598	W	29					6	OFF COAST OF GUERRERO, MEXICO. <UNM>. MD 3.9 (UNM).
20	23	26	26.3*	40.680	S	44.712	E	10	G	4.0		0.9	8	SOUTHWEST INDIAN RIDGE
20	23	53	24.5&	46.500	N	2.200	E	3					9	FRANCE. <LDG>. ML 1.6 (LDG).
21	00	28	34.5&	61.823	N	152.202	W	113					20	SOUTHERN ALASKA. <AEIC>.
21	00	37	36.2&	37.780	N	27.120	E	34					5	TURKEY. <ATH>. MD 3.6 (ATH).
21	00	38	06.4&	41.825	N	19.392	E	8					9	ALBANIA. <PDG>. MD 2.0 (PDG).
21	00	56	31.7&	38.320	N	21.950	E	5					16	GREECE. <ATH>. MD 3.5 (ATH).
21	00	57	17.7&	33.970	S	72.296	W	32					12	OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.7 (GUC).
21	01	04	23.9*	1.566	N	99.816	E	190	*	4.1		0.8	18	NORTHERN SUMATERA, INDONESIA
21	01	12	37.3&	43.182	N	20.175	E	10					20	NORTHWESTERN BALKAN REGION. <PDG>. MD 2.7 (PDG).
21	01	36	49.1*	23.870	S	179.806	W	500	G	4.1		0.9	10	SOUTH OF FIJI ISLANDS
21	01	56	55.5&	18.100	N	67.090	W	18					9	MONA PASSAGE. <MPR>. MD 2.5 (MPR).
21	02	24	06.2&	32.187	S	71.627	W	3					10	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.5 (GUC).
21	02	29	33.4&	34.467	S	71.261	W	56					7	NEAR COAST OF CENTRAL CHILE. <GUC>.
21	02	37	30.9&	15.796	N	99.082	W	15					7	OFF COAST OF GUERRERO, MEXICO. <UNM>. MD 4.0 (UNM).
21	02	58	04.6	7.262	N	77.543	W	18	*	3.8		1.1	20	PANAMA-COLOMBIA BORDER REGION. ML 4.0 (RSNC).
21	03	12	17.6	60.788	S	24.952	W	41	D	4.9	5.3	0.8	57	SOUTH SANDWICH ISLANDS REGION. Mw 5.7 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 03:12:28.0; Lat 61.14 S; Lon 24.35 W; Dep 15.0 Fix: Half-duration 1.7 sec; Principal axes (scale 10**17 Nm): (T) Val=4.23, Plg=2, Azm=339; (N) Val=-1.53, Plg=19, Azm=69; (P) Val=-2.70, Plg=71, Azm=242; Best double couple: Mo=3.5*10**17 Nm; NP1: Strike=50, Dip=46, Slip=-117; NP2: Strike=266, Dip=50, Slip=-65.
21	03	35	37.4&	41.850	N	21.060	E	18					12	NORTHWESTERN BALKAN REGION. <SKO>. MD 2.7 (PDG).
21	03	59	48.4&	38.220	N	21.660	E	5					5	GREECE. <ATH>. MD 3.0 (ATH).
21	04	17	13.9*	1.978	S	68.116	E	10	G	4.5		1.1	18	CARLSBERG RIDGE
21	04	31	25.2	22.886	S	68.520	W	130	D	4.7		1.2	55	NORTHERN CHILE
21	05	51	09.8*	0.360	S	132.735	E	33	N	4.4		1.1	10	IRIAN JAYA REGION, INDONESIA
21	05	53	16.3*	0.292	S	132.793	E	33	N	4.0		1.1	11	IRIAN JAYA REGION, INDONESIA
21	06	00	53.3?	0.10	S	132.82	E	33	N	3.7		1.2	7	IRIAN JAYA REGION, INDONESIA
21	06	25	00.9	50.423	N	18.901	E	5	G			0.8	7	POLAND. ML 3.0 (CLL).
21	06	29	31.7&	36.840	N	27.180	E	5					5	DODECANESE ISLANDS. <ATH>. MD 3.3 (ATH).
21	06	31	40.0&	36.940	N	27.390	E	10					7	DODECANESE ISLANDS. <ATH>. MD 3.6 (ATH).
21	06	40	27.5?	14.96	S	176.13	W	200	G	4.1		1.2	24	FIJI ISLANDS REGION
21	08	07	08.5&	44.580	S	169.920	E	12					6	SOUTH ISLAND, NEW ZEALAND. <WEL>. ML 4.3 (WEL). Felt

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                                                                                  strongly at Omarama. Also felt at Twizel.
21  08 22 13.2?  9.26  S  108.86  W   10 G  4.2       0.7   10  CENTRAL EAST PACIFIC RISE
21  08 23 51.3& 34.575 S   72.388 W   24                     13  NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.7 (GUC).
21  09 01 02.6   0.335 S  132.684 E   33 N  4.9 4.3  1.1   49  IRIAN JAYA REGION, INDONESIA. Mw 5.3 (HRV).
                                                                  Centroid, Moment Tensor (HRV): Centroid origin time
                                                                   09:01:03.7; Lat 0.44 S; Lon 132.78 E; Dep 24.3; Half-
                                                                   duration 1.0 sec; Principal axes (scale 10**17 Nm): (T)
                                                                   Val=1.11, Plg=58, Azm=141; (N) Val=-0.30, Plg=19, Azm=266;
                                                                   (P) Val=-0.81, Plg=24, Azm=5; Best double couple:
                                                                   Mo=9.6*10**16 Nm; NP1: Strike=129, Dip=27, Slip=137; NP2:
                                                                   Strike=259, Dip=72, Slip=69.
21  09 04 56.9& 40.890 N   32.912 E    9                      5  TURKEY. <ISK>. MD 3.4 (ISK).
21  09 25 17.3& 37.258 N   27.809 E   10 G                    4  TURKEY. <ISK>. MD 3.0 (ISK).
21  09 32 18.4*  0.353 S  132.767 E   33 N  4.2       1.3    9  IRIAN JAYA REGION, INDONESIA
21  09 38 12.0& 19.460 N   65.870 W   35                     7  PUERTO RICO REGION. <MPR>. MD 3.4 (MPR).
21  10 03 08.3& 65.742 N  147.722 W    9                    11  NORTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
21  10 28 11.4& 17.439 N  101.891 W    5                     7  NEAR COAST OF GUERRERO, MEXICO. <UNM>. MD 4.0 (UNM).
21  10 48 39.4& 48.240 N    8.010 E    4 G                   23  GERMANY. <STR>. ML 2.5 (LDG), 2.1 (STR), 2.0 (FBB).
21  11 02 08.5& 45.200 N    6.500 E    2                     5  FRANCE. <LDG>. ML 2.0 (LDG).
21  11 33 39.2*  0.391 S  133.443 E   33 N  4.0       1.3    9  IRIAN JAYA REGION, INDONESIA
21  11 38 40.0& 31.747 S   70.060 W  136                    11  CHILE-ARGENTINA BORDER REGION. <GUC>.
21  11 42 38.6* 23.246 S  170.236 E   33 N  4.9       1.2   36  LOYALTY ISLANDS REGION
21  12 16 47.2& 39.296 N   27.510 E   10 G                    5  TURKEY. <ISK>. MD 2.8 (ISK).
21  12 44 49.3?  5.74  S  150.32  E   86 *  4.2       1.0    9  NEW BRITAIN REGION, P.N.G.
21  12 58 37.0* 36.162 N   70.998 E  132 *            0.7   11  HINDU KUSH REGION, AFGHANISTAN
21  14 02 10.0& 38.160 N   21.590 E    5                     8  GREECE. <ATH>. MD 3.1 (ATH).
21  14 02 20.3*  3.889 N  126.652 E   33 N  4.1       1.1   13  TALAUD ISLANDS, INDONESIA
21  14 09 27.4& 63.787 N  149.637 W   10                    22  CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC), 2.9 (PMR).
21  14 55 36.7* 55.657 S   28.829 W   33 N  5.1       1.1   29  SOUTH SANDWICH ISLANDS REGION
21  15 47 43.4& 36.326 N  118.352 W    4                     8  CENTRAL CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
21  15 48 55.2& 37.159 N   28.149 E   10 G                    9  TURKEY. <ISK>. MD 3.6 (ATH), 3.3 (ISK).
21  15 53 41.6   5.053 S  152.573 E   33 N  4.8       1.0   34  NEW BRITAIN REGION, P.N.G.
21  16 18 03.2* 38.114 N  134.613 E  428 *  3.5       0.9    9  SEA OF JAPAN
21  16 25 24.9*  2.491 S   12.121 W   10 G  4.5       0.8   19  NORTH OF ASCENSION ISLAND
21  16 28 45.5  27.077 N  127.657 E   10 G  4.2       1.0   13  RYUKYU ISLANDS. Felt (I JMA) in the epicentral area.
21  16 38 58.7* 37.380 S   94.497 W   10 G  4.7 4.3  1.2   20  WEST CHILE RISE
21  17 00 57.3& 30.935 S   69.844 W  189                    11  CHILE-ARGENTINA BORDER REGION. <GUC>.
21  17 11 12.6* 13.078 N   88.169 W  200 G  4.3       1.0   20  EL SALVADOR
21  17 25 51.9& 34.269 S   70.158 W    8                     9  CHILE-ARGENTINA BORDER REGION. <GUC>.
21  17 31 31.0* 30.846 N  139.400 E  277 *  4.2       0.8   15  SOUTH OF HONSHU, JAPAN
21  17 46 57.7   3.830 N  126.430 E   33 N  4.6       0.8   25  TALAUD ISLANDS, INDONESIA
21  18 03 31.2& 37.260 N    3.440 W    1                     6  SPAIN. <MDD>. mbLg 2.1 (MDD).
21  18 20 23.3   3.840 N  126.456 E   33 N  5.1 4.7  1.1   61  TALAUD ISLANDS, INDONESIA. Mw 5.4 (HRV).
                                                                  Centroid, Moment Tensor (HRV): Centroid origin time
                                                                   18:20:26.4; Lat 4.09 N; Lon 126.61 E; Dep 24.6; Half-
                                                                   duration 1.1 sec; Principal axes (scale 10**17 Nm): (T)
                                                                   Val=1.50, Plg=51, Azm=322; (N) Val=-0.50, Plg=17, Azm=210;
                                                                   (P) Val=-1.00, Plg=34, Azm=108; Best double couple:
                                                                   Mo=1.2*10**17 Nm; NP1: Strike=149, Dip=19, Slip=28; NP2:
                                                                   Strike=33, Dip=81, Slip=107.
21  18 37 02.3*  3.830 N  126.401 E   33 N  4.5       1.1   24  TALAUD ISLANDS, INDONESIA
21  19 03 18.5& 54.513 N  160.762 W   20    4.0            53  ALASKA PENINSULA. <AEIC>. ML 3.9 (AEIC), 4.1 (PMR).
21  19 17 43.6  29.355 N   51.899 E   33 N  4.6       1.0   38  SOUTHERN IRAN
21  19 17 52.2& 37.289 N   27.879 E   10 G                    4  TURKEY. <ISK>. MD 2.9 (ISK).
21  21 25 40.7* 13.248 S  167.228 E  200 G  4.3       1.1   56  VANUATU ISLANDS
21  22 25 52.3& 15.549 N   95.687 W   37                     4  NEAR COAST OF OAXACA, MEXICO. <UNM>. MD 3.9 (UNM).
21  23 53 00.9* 15.406 S  173.190 W   33 N  4.6 4.6  1.1   42  TONGA ISLANDS
21  23 57 39.5& 59.529 N  151.278 W   42                    12  KENAI PENINSULA, ALASKA. <AEIC>. ML 2.8 (AEIC).
22  00 21 57.4  21.751 S   68.740 W  125 D  4.5       1.1   26  CHILE-BOLIVIA BORDER REGION
22  00 42 06.6& 46.700 N    7.300 E    2                     8  SWITZERLAND. <LDG>. ML 2.0 (LDG), 2.0 (STR).
22  00 48 13.8  35.348 N  139.384 E   33 N  4.7       1.0   20  NEAR S. COAST OF HONSHU, JAPAN. Felt (III JMA) in eastern
                                                                   Saitama; (II JMA) in western Chiba, western Kanagawa,
                                                                   eastern Shizuoka, western Tokyo and eastern Yamanashi
                                                                   Prefectures.
22  01 17 24.3  51.637 N   16.350 E    5 G          0.7   16  POLAND. ML 3.6 (GRF), 3.4 (VIE).
22  01 32 13.6  36.783 S   70.476 W  159 D  5.0       0.9   79  CHILE-ARGENTINA BORDER REGION. Mw 5.3 (HRV). MD 4.5 (GUC).
                                                                   Felt (III) at Chillan, Concepcion, Los Angeles, San Carlos
                                                                   and Talca, Chile.
                                                                  Centroid, Moment Tensor (HRV): Centroid origin time
                                                                   01:32:15.5; Lat 36.56 S; Lon 70.57 W; Dep 163.5; Half-
                                                                   duration 1.0 sec; Principal axes (scale 10**17 Nm): (T)
                                                                   Val=0.95, Plg=34, Azm=93; (N) Val=0.14, Plg=5, Azm=0; (P)
                                                                   Val=-1.08, Plg=55, Azm=263; Best double couple:
                                                                   Mo=1.0*10**17 Nm; NP1: Strike=204, Dip=12, Slip=-65; NP2:
                                                                   Strike=359, Dip=80, Slip=-95.
22  01 40 31.8& 32.235 S   71.210 W   69                     8  NEAR COAST OF CENTRAL CHILE. <GUC>. MD 2.3 (GUC).
22  01 53 54.4* 32.210 S  179.543 E  500 G  4.3       0.7   19  SOUTH OF KERMADEC ISLANDS
22  02 14 38.9  40.461 N   33.772 E   10 G  3.9       0.5   24  TURKEY. MD 4.1 (ISK). Felt at Cankiri.
22  02 23 37.8& 38.976 N   27.711 E   10 G                    4  TURKEY. <ISK>. MD 2.8 (ISK).
22  02 39 24.9* 19.844 N  109.269 W   10 G  4.2       1.0   30  REVILLA GIGEDO ISLANDS REGION
22  04 00 19.5? 23.20  S  170.33  E   33 N  4.5       1.3   11  LOYALTY ISLANDS REGION
22  04 17 52.2  45.803 N   14.978 E   10 G          0.4    8  NORTHWESTERN BALKAN REGION. ML 2.2 (VIE), 1.6 (LJU).
22  04 19 54.5* 30.177 N  127.805 E   33 N  4.3       1.0   12  NORTHWEST OF RYUKYU ISLANDS
22  04 37 00.2  23.957 N  127.249 E   33 N  4.1       0.8   16  SOUTHEAST OF RYUKYU ISLANDS
22  04 43 16.4& 11.083 N   62.133 W  109                    6  WINDWARD ISLANDS. <TRN>. MD 3.1 (TRN).
22  05 56 23.6& 32.665 S   71.678 W   18                    13  NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.7 (GUC).
22  06 04 51.8   8.698 N  126.268 E   33 N  5.0       1.0   65  MINDANAO, PHILIPPINE ISLANDS. Mw 5.4 (HRV).
                                                                  Centroid, Moment Tensor (HRV): Centroid origin time
                                                                   06:04:57.2; Lat 9.44 N; Lon 126.65 E; Dep 15.0 Fix; Half-
                                                                   duration 1.0 sec; Principal axes (scale 10**17 Nm): (T)
                                                                   Val=1.20, Plg=41, Azm=171; (N) Val=0.15, Plg=8, Azm=74; (P)
                                                                   Val=-1.35, Plg=48, Azm=335; Best double couple:
                                                                   Mo=1.3*10**17 Nm; NP1: Strike=320, Dip=8, Slip=-24; NP2:
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                                                                                Strike=73, Dip=87, Slip=-98.
22  06 35 37.3* 61.228 S   25.366 W   33 N  4.6        1.3   20  SOUTH SANDWICH ISLANDS REGION
22  06 51 18.4* 21.851 S  179.592 W  600 G  4.5        1.2   21  FIJI ISLANDS REGION
22  06 57 26.5& 19.179 N   98.973 W    4                      10  CENTRAL MEXICO. <UNM>. MD 3.1 (UNM).
22  07 34 52.6& 15.566 N   61.144 W   90                       9  LEEWARD ISLANDS. <FDF>. MD 2.7 (FDF).
22  07 57 26.8& 47.000 N    9.000 E    2                       7  GERMANY. <LDG>. ML 2.1 (LDG).
22  08 30 40.3? 31.27  S   69.11  W  100 G          1.1   12  SAN JUAN PROVINCE, ARGENTINA. MD 3.2 (GUC).
22  08 31 59.0& 37.462 N  118.843 W    8                      10  CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM).
22  08 50 53.3*  9.243 N   93.932 E   33 N  4.2        1.2   11  NICOBAR ISLANDS, INDIA
22  08 57 00.9& 39.304 N   27.523 E   10 G                    5  TURKEY. <ISK>. MD 2.8 (ISK).
22  09 10 17.8& 37.930 N   22.070 E    5                       9  SOUTHERN GREECE. <ATH>. MD 3.1 (ATH).
22  09 50 13.2* 12.466 S  167.024 E  200 G  4.1        0.9   30  SANTA CRUZ ISLANDS
22  10 01 11.1  62.007 N  149.954 W   40 *              0.5   24  CENTRAL ALASKA. ML 3.2 (AEIC).
22  10 01 29.1  62.137 N  150.098 W   82    4.5         0.7   62  CENTRAL ALASKA. Felt strongly at Willow. Also felt at
                                                                   Chugiak, Palmer, Skwentna, Talkeetna and Wasilla.
22  10 08 53.7  20.731 S  169.881 E   33 N  5.5 5.7     1.0  167  VANUATU ISLANDS. Mw 6.1 (GS), 6.0 (HRV).
                                                                   Moment Tensor (GS): Dep 9; Principal axes (scale 10**18 Nm):
                                                                    (T) Val=1.66, Plg=3, Azm=70; (N) Val=0.01, Plg=58, Azm=335;
                                                                    (P) Val=-1.68, Plg=32, Azm=162; Best double couple:
                                                                    Mo=1.7*10**18 Nm; NP1: Strike=201, Dip=65, Slip=-22; NP2:
                                                                    Strike=300, Dip=70, Slip=-154.
                                                                   Centroid, Moment Tensor (HRV): Centroid origin time
                                                                    10:08:56.8; Lat 20.60 S; Lon 169.97 E; Dep 15.0 Fix; Half-
                                                                    duration 2.4 sec; Principal axes (scale 10**18 Nm): (T)
                                                                    Val=1.29, Plg=1, Azm=249; (N) Val=-0.04, Plg=50, Azm=341;
                                                                    (P) Val=-1.25, Plg=40, Azm=159; Best double couple:
                                                                    Mo=1.3*10**18 Nm; NP1: Strike=302, Dip=62, Slip=-150; NP2:
                                                                    Strike=196, Dip=64, Slip=-31.
22  10 09 08.3* 39.636 N  141.265 E   33 N          1.5    7  EASTERN HONSHU, JAPAN
22  10 16 45.5  20.816 S  169.810 E   33 N  5.1      1.5   71  VANUATU ISLANDS
22  10 25 03.4& 40.651 N   30.600 E   10 G                    8  TURKEY. <ISK>. MD 3.1 (ISK).
22  10 41 17.9& 43.955 N    7.812 E    6                      22  NEAR SOUTH COAST OF FRANCE. <GEN>. ML 2.3 (GEN), 2.1 (LDG).
22  11 27 17.1*  5.160 S  153.036 E   33 N  4.2        1.3   10  NEW IRELAND REGION, P.N.G.
22  11 58 02.0* 38.391 N  143.510 E   33 N  3.9        0.8    9  OFF EAST COAST OF HONSHU, JAPAN
22  12 06 58.4*  5.638 S  152.279 E   33 N  4.7        1.2   33  NEW BRITAIN REGION, P.N.G.
22  12 15 29.8*  5.372 S  151.708 E   33 N  4.5        1.4   20  NEW BRITAIN REGION, P.N.G.
22  12 52 48.4*  5.804 S  152.398 E   33 N  4.5        1.3   23  NEW BRITAIN REGION, P.N.G.
22  12 56 10.3?  5.68  S  152.62  E   33 N  4.3        1.2    9  NEW BRITAIN REGION, P.N.G.
22  12 56 33.2& 18.490 N   67.420 W    3                      10  MONA PASSAGE. <MPR>. MD 3.7 (MPR).
22  12 56 59.5& 39.166 N   27.694 E   10 G                    5  TURKEY. <ISK>. MD 2.8 (ISK).
22  13 17 31.1?  5.66  S  152.37  E   33 N  4.4        1.4    8  NEW BRITAIN REGION, P.N.G.
22  13 43 45.8& 37.550 N  118.435 W    9                       7  CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM).
22  13 53 24.7& 40.087 N   28.023 E   10 G                    5  TURKEY. <ISK>. MD 2.9 (ISK).
22  14 05 40.5* 13.047 N  144.198 E  164 *  3.9        1.2   10  MARIANA ISLANDS
22  14 13 38.9& 32.163 S   71.658 W    9                      12  NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.7 (GUC).
22  14 19 22.2  42.596 N   42.890 E   38 *  4.4        0.9   31  NORTHWESTERN CAUCASUS
22  15 14 40.2& 54.532 N  162.451 W   15                      11  ALASKA PENINSULA. <AEIC>. ML 2.6 (AEIC).
22  15 32 07.2* 47.917 N  145.583 E  453 *  4.0        0.9   16  SEA OF OKHOTSK
22  15 51 03.0& 62.262 N  149.601 W   51                      26  CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC), 3.1 (PMR).
22  16 06 38.7& 44.376 N    7.301 E   11                      22  NORTHERN ITALY. <GEN>. ML 2.3 (GEN), 2.2 (LDG), 2.1 (STR).
22  16 09 19.8& 44.377 N    7.304 E   11                       9  NORTHERN ITALY. <GEN>. ML 2.1 (GEN).
22  16 12 55.3& 16.238 N   97.395 W    8                       9  OAXACA, MEXICO. <UNM>. MD 4.2 (UNM).
22  16 16 03.1& 44.370 N    7.290 E   11                       4  NORTHERN ITALY. <GEN>. ML 1.7 (GEN).
22  16 17 19.8& 32.461 S   71.682 W   27                      13  NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.7 (GUC).
22  16 35 35.1& 33.863 S   72.622 W   24                       8  OFF COAST OF CENTRAL CHILE. <GUC>.
22  16 49 28.6& 40.912 N   29.313 E    8                       5  TURKEY. <ISK>. MD 2.6 (ISK).
22  16 57 47.5*  3.345 S  143.623 E   33 N  4.3        0.9   13  NEAR N COAST OF NEW GUINEA, PNG.
22  17 10 53.2? 30.67  N   52.32  E   33 N  4.3        0.5    7  NORTHERN IRAN
22  17 17 07.5& 61.997 N  150.021 W   48                      28  SOUTHERN ALASKA. <AEIC>. ML 2.7 (AEIC), 3.2 (PMR).
22  17 40 54.3  10.394 N  126.215 E   33 N  4.5        1.2   37  PHILIPPINE ISLANDS REGION
22  17 51 16.3?  1.79  N  102.09  W   10 G  4.4        1.1    9  EAST CENTRAL PACIFIC OCEAN
22  17 56 43.1* 85.601 N   85.522 E   10 G  3.8        0.6    6  NORTH OF SEVERNAYA ZEMLYA
22  19 02 34.4& 44.856 N    8.908 E    3                      11  NORTHERN ITALY. <GEN>. ML 2.4 (GEN).
22  19 17 40.2  46.589 N  149.866 E  210 *  4.1        0.9   25  KURIL ISLANDS
22  19 57 36.4& 30.782 S   72.276 W    8                      13  OFF COAST OF CENTRAL CHILE. <GUC>. MD 4.1 (GUC).
22  20 08 14.9?  5.51  N   95.24  E  200 G  4.1        1.4    9  NORTHERN SUMATERA, INDONESIA
22  20 43 30.7* 43.931 N   12.214 E   10 G                    0.9    7  CENTRAL ITALY. ML 2.8 (LDG).
22  21 08 19.6& 40.530 S  176.990 E   12                       8  NORTH ISLAND, NEW ZEALAND. <WEL>. ML 4.0 (WEL).
22  21 19 20.4  17.794 S  178.690 W  550 G  4.2        0.8   42  FIJI ISLANDS REGION
22  21 58 43.4& 38.970 N   21.630 E   12                       6  GREECE. <ATH>. MD 3.0 (ATH).
22  22 56 24.7   5.601 S  152.618 E   33 N  5.5 5.4     1.0  147  NEW BRITAIN REGION, P.N.G. Mw 5.7 (GS), 5.7 (HRV).
                                                                   Moment Tensor (GS): Dep 7; Principal axes (scale 10**17 Nm):
                                                                    (T) Val=4.45, Plg=51, Azm=8; (N) Val=0.08, Plg=1, Azm=277;
                                                                    (P) Val=-4.53, Plg=39, Azm=187; Best double couple:
                                                                    Mo=4.5*10**17 Nm; NP1: Strike=271, Dip=6, Slip=84; NP2:
                                                                    Strike=97, Dip=84, Slip=91.
                                                                   Centroid, Moment Tensor (HRV): Centroid origin time
                                                                    22:56:29.5; Lat 5.58 S Fix; Lon 152.91 E Fix; Dep 15.0 Bdy;
                                                                    Half-duration 1.8 sec; Principal axes (scale 10**17 Nm):
                                                                    (T) Val=4.28, Plg=58, Azm=348; (N) Val=-0.01, Plg=1,
                                                                    Azm=80; (P) Val=-4.28, Plg=32, Azm=170; Best double couple:
                                                                    Mo=4.3*10**17 Nm; NP1: Strike=264, Dip=13, Slip=95; NP2:
                                                                    Strike=80, Dip=77, Slip=89.
22  23 47 20.7* 13.951 N  121.324 E   33 N  4.6        1.4   21  MINDORO, PHILIPPINE ISLANDS
22  23 53 32.6& 33.377 S   71.299 W   54                      13  NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.7 (GUC).
23  00 28 34.1  30.786 N  130.897 E   68 *  3.6        0.5   13  KYUSHU, JAPAN
23  00 28 49.5& 33.988 S   70.348 W  116                      13  CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.7 (GUC).
23  00 30 47.2* 38.877 S   78.896 E   10 G                    1.4   10  MID-INDIAN RIDGE
23  00 32 40.7& 62.360 N  149.530 W   60                      13  CENTRAL ALASKA. <AEIC>. ML 2.8 (AEIC).
23  00 42 04.6*  5.699 S  148.014 E  114 *  4.3        1.4   15  NEW BRITAIN REGION, P.N.G.
23  00 51 05.4& 39.251 N   27.785 E   10 G                    5  TURKEY. <ISK>. MD 2.7 (ISK).
23  01 01 38.2  37.212 N   27.872 E   10 G                    0.9   10  TURKEY. MD 3.7 (ATH), 3.6 (ISK).
23  01 17 28.5& 46.500 N    2.200 E   10                       8  FRANCE. <LDG>. ML 1.6 (LDG).
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23	01	21	40.4&	46.700	N	7.300	E	2				13	SWITZERLAND. <LDG>. ML 2.1 (LDG), 2.1 (STR).
23	01	27	06.9&	48.400	N	7.800	E	16				14	FRANCE. <LDG>. ML 2.0 (LDG), 1.8 (STR).
23	01	28	39.1*	38.982	N	70.589	E	33	N	4.5	1.4	9	AFGHANISTAN-TAJIKISTAN BORD REG.
23	01	38	02.4&	37.160	N	3.990	W	16				7	SPAIN. <MDD>. mbLg 1.5 (MDD).
23	02	21	42.0&	39.010	N	19.350	E	8				14	GREECE-ALBANIA BORDER REGION. <ATH>. MD 3.5 (ATH).
23	03	31	06.1*	1.625	N	66.865	E	10	G	4.8	1.0	30	CARLSBERG RIDGE
23	03	39	18.5&	32.012	S	70.350	W	112				12	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.3 (GUC).
23	03	57	47.0&	45.000	N	116.930	W	5	G			9	WESTERN IDAHO. <BSE-P>. ML 2.7 (BSE), 3.0 (BUT).
23	04	12	14.9&	34.263	S	70.148	W	9				12	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.6 (GUC).
23	05	32	32.1&	15.415	N	61.227	W	130				4	LEEWARD ISLANDS. <FDF>. MG 2.8 (FDF).
23	05	33	21.7&	33.611	S	71.144	W	63				12	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 2.5 (GUC).
23	05	35	01.5*	5.674	S	152.761	E	33	N	4.2	1.0	13	NEW BRITAIN REGION, P.N.G.
23	05	43	54.0*	5.133	S	152.628	E	65	*	4.6	0.9	23	NEW BRITAIN REGION, P.N.G.
23	05	45	32.2?	4.31	S	152.70	E	33	N		1.4	9	NEW BRITAIN REGION, P.N.G.
23	06	25	12.1&	34.283	S	70.181	W	12				7	CHILE-ARGENTINA BORDER REGION. <GUC>.
23	06	47	04.0&	44.700	N	110.790	W	3				33	YELLOWSTONE REGION, WYOMING. <SLC-P>. ML 2.9 (SLC), 3.2 (BUT).
23	06	53	11.0&	40.529	N	33.148	E	10	G			6	TURKEY. <ISK>. MD 3.3 (ISK).
23	07	02	56.8*	5.792	N	124.533	E	400	G	4.1	0.9	14	MINDANAO, PHILIPPINE ISLANDS
23	07	24	02.1?	20.02	S	177.96	W	562	?	4.6	0.8	23	FIJI ISLANDS REGION
23	07	43	06.1*	8.371	S	117.238	E	131	?	4.7	1.2	16	SUMBAWA REGION, INDONESIA
23	07	51	44.3&	39.111	N	27.816	E	5				4	TURKEY. <ISK>. MD 2.8 (ISK).
23	08	05	29.4&	39.225	N	27.842	E	10	G			23	TURKEY. <ISK>. MD 3.5 (ISK).
23	08	11	36.4&	16.545	N	61.664	W	115		3.5		21	LEEWARD ISLANDS. <TRN>. MD 3.8 (TRN). Felt (II) on Guadeloupe.
23	08	11	44.6&	16.943	N	95.518	W	116				8	OAXACA, MEXICO. <UNM>. MD 3.9 (UNM).
23	08	19	09.9	43.452	N	146.313	E	33	N	4.4	0.8	34	KURIL ISLANDS. Felt (III) at Yuzhno-Kurilsk, Kunashir. Also felt (II JMA) in eastern Hokkaido.
23	09	05	07.3?	33.92	S	68.26	W	10	G		0.8	9	MENDOZA PROVINCE, ARGENTINA. MD 3.3 (GUC).
23	09	05	21.1&	39.213	N	27.264	E	5				4	TURKEY. <ISK>. MD 2.7 (ISK).
23	09	19	56.2	5.512	S	152.517	E	61	*	4.8	0.9	38	NEW BRITAIN REGION, P.N.G.
23	09	35	22.8&	39.215	N	27.756	E	10	G			5	TURKEY. <ISK>. MD 3.1 (ISK).
23	09	47	45.9&	43.000	N	0.200	E	6				8	FRANCE. <LDG>. ML 2.3 (STR), 2.2 (LDG).
23	09	51	01.6&	53.520	N	165.490	W	6				5	FOX ISLANDS, ALEUTIAN ISLANDS. <AEIC>. ML 3.1 (AEIC).
23	10	26	53.3	1.502	S	77.590	W	205	*	4.1	0.7	36	ECUADOR
23	10	30	33.7&	46.700	N	8.000	E	2				4	SWITZERLAND. <LDG>. ML 1.9 (LDG).
23	11	06	03.5&	19.090	N	66.510	W	36				6	PUERTO RICO REGION. <MPR>. MD 2.8 (MPR).
23	11	14	43.5&	44.584	N	7.240	E	10				7	NORTHERN ITALY. <GEN>. ML 1.8 (GEN).
23	12	05	30.5&	39.190	N	27.310	E	5				4	TURKEY. <ISK>. MD 2.8 (ISK).
23	12	59	10.2&	32.464	S	71.845	W	36				9	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.0 (GUC).
23	13	58	08.5&	31.627	S	69.937	W	129				12	SAN JUAN PROVINCE, ARGENTINA. <GUC>. MD 3.1 (GUC).
23	14	18	09.5*	16.286	S	177.861	E	33	N	4.3	1.2	15	FIJI ISLANDS
23	14	23	27.9	46.150	N	13.604	E	10	G		1.3	41	AUSTRIA. ML 3.5 (GRF), 3.3 (VIE), 3.1 (LDG), 2.8 (LJU). Felt (IV) at Dreznica, Kobarid and Ladra, Slovenia.
23	15	26	31.8&	39.610	N	20.920	E	5				7	GREECE-ALBANIA BORDER REGION. <ATH>. MD 3.1 (ATH).
23	15	44	38.5*	17.576	S	179.022	W	600	G	4.7	0.5	16	FIJI ISLANDS REGION
23	15	52	16.6&	32.660	S	70.190	W	111				9	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.3 (GUC).
23	17	07	29.2&	15.981	N	60.969	W	25		3.5		20	LEEWARD ISLANDS. <TRN>. MD 3.6 (TRN), 3.5 (FDF).
23	17	32	12.4&	17.790	N	68.120	W	34				5	MONA PASSAGE. <MPR>. MD 3.0 (MPR).
23	17	36	46.3	51.609	N	178.322	W	33	N	4.8	0.8	154	ANDREANOF ISLANDS, ALEUTIAN IS. ML 5.0 (PMR).
23	18	31	24.2&	32.995	S	71.692	W	15				10	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 2.9 (GUC).
23	18	43	31.1	40.320	N	125.623	W	10	G		0.6	25	OFF COAST OF NORTHERN CALIFORNIA. ML 3.6 (BRK), 3.6 (GS).
23	18	45	12.6&	16.749	N	95.321	W	176				4	OAXACA, MEXICO. <UNM>. MD 3.7 (UNM).
23	19	00	58.2&	39.259	N	28.070	E	8				25	TURKEY. <ISK>. MD 3.7 (ATH), 3.5 (ISK).
23	19	24	26.5&	39.732	N	29.192	E	10	G			7	TURKEY. <ISK>. MD 2.9 (ISK).
23	20	35	48.2&	39.771	N	29.127	E	10	G			5	TURKEY. <ISK>. MD 2.8 (ISK).
23	20	50	35.9	36.927	S	71.329	W	33	N	3.8	0.9	21	CENTRAL CHILE
23	20	53	05.2	47.164	N	9.342	E	5	G		1.2	28	GERMANY. ML 2.8 (VIE), 2.7 (LDG), 2.6 (FBB), 2.6 (STR).
23	21	09	46.4*	8.611	N	39.279	W	10	G	4.4	1.0	11	CENTRAL MID-ATLANTIC RIDGE
23	21	23	59.1&	33.141	S	70.261	W	4				9	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.2 (GUC).
23	22	30	29.7	19.454	S	169.255	E	158		4.6	0.9	46	VANUATU ISLANDS
23	22	36	55.0&	39.052	N	27.889	E	6				5	TURKEY. <ISK>. MD 2.8 (ISK).
23	22	49	46.2&	37.915	N	29.511	E	10	G			7	TURKEY. <ISK>. MD 3.1 (ISK).
23	23	12	22.7&	48.300	N	3.400	W	3				6	FRANCE. <LDG>. ML 2.0 (LDG).
23	23	26	08.2&	39.208	N	27.751	E	10	G			4	TURKEY. <ISK>. MD 2.8 (ISK).
24	00	04	02.6&	33.670	S	71.193	W	58				10	NEAR COAST OF CENTRAL CHILE. <GUC>.
24	00	25	49.2	85.916	N	81.818	E	10	G	4.2	1.1	15	NORTH OF SEVERNAYA ZEMLYA
24	01	25	49.2	20.820	S	177.959	W	388	D	4.5	0.9	65	FIJI ISLANDS REGION
24	02	16	17.4&	31.683	S	71.862	W	26				13	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.7 (GUC).
24	03	00	24.2&	40.170	N	19.990	E	31				9	ALBANIA. <ATH>. MD 3.2 (ATH).
24	03	21	22.9&	35.113	S	71.261	W	100				12	CENTRAL CHILE. <GUC>. MD 2.7 (GUC).
24	03	40	14.6&	45.300	N	3.500	E	5				6	FRANCE. <LDG>. ML 1.5 (LDG).
24	03	45	20.6*	34.183	S	68.574	W	10	G		0.8	10	MENDOZA PROVINCE, ARGENTINA. MD 3.3 (GUC).
24	04	50	02.6?	12.91	S	167.39	E	100	G	4.2	0.8	23	SANTA CRUZ ISLANDS
24	04	59	04.0&	34.840	N	121.350	W	1				15	OFF COAST OF CALIFORNIA. <GM-P>. ML 3.4 (GM), 3.4 (BRK), 3.2 (PAS).
24	05	00	29.7&	18.650	N	67.480	W	91				5	MONA PASSAGE. <MPR>. MD 2.6 (MPR).
24	05	02	48.3	9.915	S	109.149	E	33	N	5.0 4.2	1.0	53	SOUTH OF JAWA, INDONESIA. Mw 5.0 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 05:02:52.7; Lat 9.95 S; Lon 109.02 E; Dep 67.1; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=3.28, Plg=21, Azm=41; (N) Val=0.81, Plg=12, Azm=306; (P) Val=-4.08, Plg=65, Azm=188; Best double couple: Mo=3.7*10**16 Nm; NP1: Strike=153, Dip=26, Slip=-61; NP2: Strike=301, Dip=67, Slip=-103.
24	05	22	34.4&	60.169	N	139.324	W	0		3.7		49	SOUTHEASTERN ALASKA. <AEIC>. ML 4.2 (AEIC), 4.4 (PGC), 4.3 (PMR). Felt at Yakutat.
24	05	24	14.9&	42.110	N	8.130	W	14				4	SPAIN. <MDD>. mbLg 2.5 (MDD).
24	06	04	39.7&	38.870	N	21.170	E	5				8	GREECE. <ATH>. MD 3.2 (ATH).
24	06	08	12.8&	38.350	N	22.110	E	5				7	GREECE. <ATH>. MD 3.1 (ATH).
24	07	02	25.6&	39.310	N	27.538	E	9				4	TURKEY. <ISK>. MD 2.8 (ISK).
24	07	39	05.5&	38.810	N	27.630	E	5				8	TURKEY. <ATH>. MD 3.5 (ATH), 3.2 (ISK).
24	07	55	20.7&	61.463	N	149.238	W	36				19	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).

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24  09 08 10.3& 60.181 N  139.298 W    0                    29  SOUTHEASTERN ALASKA. <AEIC>. ML 4.1 (PMR).
24  09 09 25.3  47.135 N    9.260 E   10 G            0.8   11  GERMANY. ML 2.6 (VIE), 2.4 (LDG), 2.3 (STR).
24  09 23 53.2& 42.834 N   17.835 E    7                    10  ADRIATIC SEA. <PDG>. MD 2.3 (PDG).
24  09 38 53.1  13.675 N  120.645 E  116 ?  4.6       0.8   29  MINDORO, PHILIPPINE ISLANDS
24  09 45 19.6& 10.997 N   62.191 W   66                     5  NEAR COAST OF VENEZUELA. <TRN>. MD 2.8 (TRN).
24  11 16 20.8& 40.160 N   21.670 E    5                    10  GREECE. <ATH>. MD 3.4 (ATH).
24  11 32 52.9& 44.300 N    7.500 E    2                     5  NORTHERN ITALY. <LDG>. ML 2.0 (LDG).
24  11 41 35.5& 63.086 N  149.351 W   80                     7  CENTRAL ALASKA. <AEIC>.
24  12 02 41.4* 44.134 N  128.266 W   10 G  3.9       0.8   11  OFF COAST OF OREGON
24  12 13 46.3& 43.000 N    0.100 E    2                     7  FRANCE. <LDG>. ML 2.3 (STR), 1.9 (LDG).
24  12 50 15.0& 32.351 S   71.655 W   14                    12  NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.3 (GUC).
24  13 31 51.3& 36.860 N    2.270 W    0 G                  13  STRAIT OF GIBRALTAR. <MDD>. mbLg 2.5 (MDD).
24  13 36 44.2?  2.00  N  126.76  E  132 ?  4.2       1.2   11  NORTHERN MOLUCCA SEA
24  13 39 52.0  47.227 N    9.343 E   10 G            1.4   29  GERMANY. ML 2.7 (STR), 2.7 (VIE), 2.7 (LDG), 2.6 (FBB).
24  14 00 19.5& 36.680 N    2.600 W   11                    11  STRAIT OF GIBRALTAR. <MDD>. mbLg 2.0 (MDD).
24  14 00 56.7& 39.075 N   27.894 E   10 G                   4  TURKEY. <ISK>. MD 2.8 (ISK).
24  14 38 11.4   8.183 S   68.053 E   10 G  5.2 5.1  1.0  159  CHAGOS ARCHIPELAGO REGION. Mw 5.3 (HRV).
                                                               Centroid, Moment Tensor (HRV): Centroid origin time
                                                                14:38:15.8; Lat 8.30 S; Lon 68.08 E; Dep 15.0 Fix; Half-
                                                                duration 1.0 sec; Principal axes (scale 10**17 Nm): (T)
                                                                Val=1.09, Plg=77, Azm=172; (N) Val=-0.17, Plg=10, Azm=313;
                                                                (P) Val=-0.93, Plg=8, Azm=45; Best double couple:
                                                                Mo=1.0*10**17 Nm; NP1: Strike=147, Dip=38, Slip=107; NP2:
                                                                Strike=306, Dip=54, Slip=77.
24  14 50 40.6& 39.235 N   27.033 E   10                     4  TURKEY. <ISK>. MD 2.8 (ISK).
24  14 54 59.0* 19.037 S  169.558 E  281     4.2       1.1   17  VANUATU ISLANDS
24  14 59 11.5& 39.220 N   27.048 E   10 G                   4  TURKEY. <ISK>. MD 2.7 (ISK).
24  15 00 24.6& 16.005 N   60.848 W   28                    18  LEEWARD ISLANDS. <FDF>. MD 3.1 (TRN), 2.9 (FDF).
24  15 02 53.7  36.196 N   70.932 E  134 D  4.2       0.9   27  HINDU KUSH REGION, AFGHANISTAN
24  15 33 20.9   0.337 S  132.633 E   61 *  5.1 4.4  1.0   66  IRIAN JAYA REGION, INDONESIA. Mw 5.4 (HRV).
                                                               Centroid, Moment Tensor (HRV): Centroid origin time
                                                                15:33:19.4; Lat 0.41 S; Lon 132.67 E; Dep 24.9; Half-
                                                                duration 1.2 sec; Principal axes (scale 10**17 Nm): (T)
                                                                Val=1.34, Plg=70, Azm=195; (N) Val=0.06, Plg=2, Azm=289;
                                                                (P) Val=-1.40, Plg=20, Azm=20; Best double couple:
                                                                Mo=1.4*10**17 Nm; NP1: Strike=113, Dip=25, Slip=94; NP2:
                                                                Strike=289, Dip=65, Slip=88.
24  15 38 37.2*  5.022 S  151.826 E   89 *            1.2   17  NEW BRITAIN REGION, P.N.G.
24  15 40 16.8& 44.357 N    7.181 E   12                     4  NORTHERN ITALY. <GEN>. ML 1.6 (GEN).
24  15 45 55.1& 34.446 S   70.409 W    8                    12  CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.3 (GUC).
24  15 46 31.3  46.982 S  165.548 E   33 N  4.1       1.1   23  OFF W. COAST OF S. ISLAND, N.Z.
24  15 48 51.7& 38.400 N   21.980 E   18                     6  GREECE. <ATH>. MD 3.1 (ATH).
24  15 55 45.7*  7.220 S  129.526 E  123 ?  4.5       1.4   26  BANDA SEA
24  16 08 53.7   0.352 S  132.686 E   62 *  4.9       0.9   38  IRIAN JAYA REGION, INDONESIA. Mw 5.3 (HRV).
                                                               Centroid, Moment Tensor (HRV): Centroid origin time
                                                                16:08:57.4; Lat 0.10 N; Lon 131.94 E; Dep 18.4; Half-
                                                                duration 1.0 sec; Principal axes (scale 10**17 Nm): (T)
                                                                Val=1.35, Plg=58, Azm=275; (N) Val=-0.42, Plg=22, Azm=144;
                                                                (P) Val=-0.93, Plg=22, Azm=45; Best double couple:
                                                                Mo=1.1*10**17 Nm; NP1: Strike=100, Dip=30, Slip=41; NP2:
                                                                Strike=333, Dip=71, Slip=114.
24  18 23 53.8   9.877 S  109.050 E   33 N  4.5       1.2   35  SOUTH OF JAWA, INDONESIA
24  18 45 44.5   2.442 S  140.901 E   33 N  4.9       1.0   42  NEAR NORTH COAST OF IRIAN JAYA
24  18 48 10.9& 42.377 N   18.576 E    7                     9  NORTHWESTERN BALKAN REGION. <PDG>. MD 1.6 (PDG).
24  18 54 16.7  22.684 N   41.258 W   10 G  4.3       0.7   32  NORTH ATLANTIC OCEAN
24  19 18 29.1& 18.560 N   66.740 W   14                     4  PUERTO RICO REGION. <MPR>. MD 2.3 (MPR).
24  19 20 55.1& 34.567 S   72.428 W   13                    12  NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.7 (GUC).
24  19 38 24.9* 12.122 N   87.790 W   33 N  4.6       1.1   25  NEAR COAST OF NICARAGUA
24  19 40 40.2? 21.60  N  144.16  E  212 ?  3.6       0.9    8  MARIANA ISLANDS REGION
24  20 08 47.6& 35.596 S   71.425 W  118                    12  CENTRAL CHILE. <GUC>. MD 3.6 (GUC).
24  20 38 05.9* 39.171 N  142.519 E   33 N            1.3    7  NEAR EAST COAST OF HONSHU, JAPAN. Felt (I JMA) in
                                                                southeastern Iwate and northeastern Miyagi Prefectures.
24  20 47 20.4& 39.257 N   27.763 E   13                     5  TURKEY. <ISK>. MD 3.1 (ISK).
24  20 51 15.1& 44.537 N    7.291 E    6                    18  NORTHERN ITALY. <GEN>. ML 2.1 (GEN), 1.6 (LDG).
24  21 01 10.8%  6.344 N   73.433 W   33 N            0.5    6  NORTHERN COLOMBIA. ML 3.6 (RSNC).
24  21 02 23.1& 37.036 N   31.024 E   10 G                   5  TURKEY. <ISK>. MD 3.2 (ISK).
24  21 05 27.3  41.232 N   20.664 E    5 G            1.0   11  ALBANIA. MD 2.5 (PDG).
24  21 11 17.5& 15.198 N   60.773 W  103                    15  LEEWARD ISLANDS. <TRN>. MD 3.0 (TRN), 2.7 (FDF).
24  21 47 49.8& 34.201 S   70.389 W  115                    13  CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.9 (GUC).
24  21 55 41.5? 31.04  S   70.25  W  100 G            0.7   12  CHILE-ARGENTINA BORDER REGION. MD 3.4 (GUC).
24  22 09 08.8& 46.900 N    7.200 E    2                     4  SWITZERLAND. <LDG>. ML 1.6 (LDG).
24  22 12 19.4? 27.61  N  142.53  E   33 N  4.1       1.2   10  BONIN ISLANDS REGION
24  23 07 46.6  46.052 N   14.775 E   10 G            0.3    6  NORTHWESTERN BALKAN REGION. ML 1.9 (VIE), 1.2 (LJU).
24  23 24 39.6& 35.527 S   71.347 W  100                    12  CENTRAL CHILE. <GUC>. MD 2.9 (GUC).
24  23 51 46.6? 52.21  N  174.20  W   33 N  3.9       0.9    5  ANDREANOF ISLANDS, ALEUTIAN IS.
25  00 29 51.0?  6.30  S  128.19  E  383 ?            0.9    8  BANDA SEA
25  00 55 50.1& 42.400 N    1.700 E    2                     5  PYRENEES. <LDG>. ML 1.9 (LDG).
25  02 15 58.5   0.799 S   80.348 W   33 N  4.6       1.3   45  NEAR COAST OF ECUADOR
25  02 18 11.4   4.286 S   80.645 W   33 N  4.7 4.1  0.9   63  PERU-ECUADOR BORDER REGION. Felt (III) at Piura and Tumbes,
                                                                Peru.
25  02 28 29.2& 37.193 N   29.049 E    7                     6  TURKEY. <ISK>. MD 3.0 (ISK).
25  02 32 37.9& 30.928 S   71.447 W   64                    14  NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.8 (GUC).
25  02 48 38.7& 35.381 S   70.956 W  136                    11  CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.3 (GUC).
25  02 51 09.8& 14.985 N   60.612 W   51                     4  WINDWARD ISLANDS. <FDF>. MD 1.7 (FDF).
25  02 52 42.2& 39.369 N   28.209 E   10 G                   8  TURKEY. <ISK>. MD 3.5 (ATH), 3.2 (ISK).
25  02 58 10.1& 34.556 S   72.347 W    7                    10  NEAR COAST OF CENTRAL CHILE. <GUC>.
25  03 11 48.9* 58.008 N   31.848 W   10 G  4.3       1.5   19  NORTH ATLANTIC OCEAN
25  03 21 45.7& 35.510 N   27.330 E   24                     5  DODECANESE ISLANDS. <ATH>. MD 3.6 (ATH).
25  03 38 55.8  12.783 N  124.874 E   33 N  5.3 4.6  0.9  138  SAMAR, PHILIPPINE ISLANDS. Mw 5.1 (HRV).
                                                               Centroid, Moment Tensor (HRV): Centroid origin time
                                                                03:38:58.2; Lat 12.81 N; Lon 125.17 E; Dep 45.2; Half-
                                                                duration 1.0 sec; Principal axes (scale 10**16 Nm): (T)
                                                                Val=4.10, Plg=12, Azm=226; (N) Val=0.43, Plg=2, Azm=31[illegible];
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(P) Val=-4.53, Plg=78, Azm=56; Best double couple: Mo=4.3*10**16 Nm; NP1: Strike=313, Dip=33, Slip=-94; NP2: Strike=138, Dip=57, Slip=-88.

25	03	56	59.1?	51.21	N	179.08	E	33	N	3.6		0.9	6	RAT ISLANDS, ALEUTIAN ISLANDS
25	04	18	07.2	28.168	N	140.128	E	426	*	4.2		0.4	19	BONIN ISLANDS REGION
25	04	40	23.9&	46.000	N	2.900	E	3					6	FRANCE. <LDG>. ML 1.4 (LDG).
25	04	41	39.2&	38.601	N	27.751	E	10	G				5	TURKEY. <ISK>. MD 3.1 (ISK).
25	05	16	54.4?	51.26	N	178.42	E	33	N	3.9		1.1	10	RAT ISLANDS, ALEUTIAN ISLANDS
25	05	26	41.3?	51.15	N	178.50	E	33	N			0.7	7	RAT ISLANDS, ALEUTIAN ISLANDS
25	06	02	47.6*	51.127	N	178.332	E	33	N	4.1		0.9	17	RAT ISLANDS, ALEUTIAN ISLANDS
25	06	13	08.9&	38.850	N	21.490	E	5		3.8			41	GREECE. <ATH>. MD 3.7 (ATH).
25	06	50	22.0&	53.843	N	163.781	W	18					7	UNIMAK ISLAND REGION. <AEIC>. ML 2.5 (AEIC).
25	07	01	11.4	55.795	N	110.172	E	10	G	4.1		1.2	17	LAKE BAYKAL REGION, RUSSIA. Felt (III) at Verkhnyaya Zaimka.
25	07	24	25.3&	37.470	N	118.821	W	7					14	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM).
25	07	34	40.7	19.078	S	169.438	E	243	D	5.6		1.2	251	VANUATU ISLANDS. Mw 5.6 (GS), 5.5 (HRV).

Moment Tensor (GS): Dep 252; Principal axes (scale 10**17 Nm): (T) Val=2.58, Plg=46, Azm=48; (N) Val=-0.05, Plg=33, Azm=180; (P) Val=-2.54, Plg=26, Azm=288; Best double couple: Mo=2.6*10**17 Nm; NP1: Strike=66, Dip=35, Slip=159; NP2: Strike=173, Dip=78, Slip=56.

Centroid, Moment Tensor (HRV): Centroid origin time 07:34:44.4; Lat 19.26 S; Lon 169.37 E; Dep 260.9; Half-duration 1.5 sec; Principal axes (scale 10**17 Nm): (T) Val=2.03, Plg=47, Azm=50; (N) Val=0.49, Plg=31, Azm=182; (P) Val=-2.52, Plg=26, Azm=289; Best double couple: Mo=2.3*10**17 Nm; NP1: Strike=65, Dip=34, Slip=158; NP2: Strike=174, Dip=78, Slip=58.

25	08	00	21.0&	45.370	N	16.190	E	6					6	NORTHWESTERN BALKAN REGION. <ZAG>. ML 1.6 (LJU).
25	08	09	19.0*	23.442	N	94.815	E	135	?	4.1		1.1	15	MYANMAR-INDIA BORDER REGION
25	08	47	38.5	13.206	N	89.780	W	33	N	4.5	4.1	1.3	54	EL SALVADOR. MD 4.6 (UNM).
25	09	00	17.6&	39.495	N	29.659	E	10	G				5	TURKEY. <ISK>. MD 2.6 (ISK).
25	09	11	33.5&	33.579	S	71.124	W	73					13	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.5 (GUC). Felt (II) at Curacavi and Santiago.
25	09	20	11.6*	51.480	N	16.040	E	5	G			0.6	11	POLAND. ML 3.7 (VIE).
25	09	35	53.2	45.519	N	26.453	E	134				0.8	34	ROMANIA
25	09	36	49.1&	37.470	N	118.821	W	7					15	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM). ML 3.1 (BRK).
25	09	46	43.8*	40.469	N	50.242	E	33	N	3.7		0.9	15	CASPIAN SEA
25	10	40	43.9?	14.35	S	167.34	E	186	?	3.7		0.9	33	VANUATU ISLANDS
25	10	41	45.5*	0.406	S	132.603	E	33	N	4.7		1.5	14	IRIAN JAYA REGION, INDONESIA
25	10	50	24.9&	39.115	N	27.421	E	10	G				4	TURKEY. <ISK>. MD 2.8 (ISK).
25	10	52	09.2	30.873	S	92.966	W	10	G	4.7		0.9	40	SOUTHEAST CENTRAL PACIFIC OCEAN
25	11	17	28.8	28.456	N	57.650	E	33	N	4.7	3.8	1.3	50	SOUTHERN IRAN
25	11	27	11.6&	62.267	N	141.446	W	0					41	CENTRAL ALASKA. <AEIC>. ML 3.1 (AEIC), 3.6 (PMR).
25	12	17	38.0	62.002	N	151.320	W	100	G			0.5	8	CENTRAL ALASKA
25	12	47	28.5&	32.702	S	71.711	W	32					8	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.4 (GUC).
25	13	13	53.1&	39.020	N	21.640	E	5					11	GREECE. <ATH>. MD 3.3 (ATH).
25	13	19	40.1	64.115	N	21.310	W	10	G	4.2	3.5	1.1	30	ICELAND
25	13	21	48.7	55.785	N	110.012	E	10	G	4.8	4.5	0.9	80	LAKE BAYKAL REGION, RUSSIA. Felt (V) at Verkhnyaya Zaimka; (IV) at Kichera and Severobaykalsk; (III) at Bodaybo and Nizhneangarsk.
25	13	39	26.2&	39.588	N	29.145	E	13					6	TURKEY. <ISK>. MD 2.8 (ISK).
25	13	47	42.0&	63.127	N	150.555	W	106		2.7			34	CENTRAL ALASKA. <AEIC>.
25	14	19	05.9	50.254	N	155.386	E	144	*	4.7		0.8	121	KURIL ISLANDS
25	15	02	55.3&	39.174	N	27.659	E	5					4	TURKEY. <ISK>. MD 2.8 (ISK).
25	15	05	39.9&	45.800	N	7.100	E	12					43	NORTHERN ITALY. <LDG>. ML 2.8 (LDG), 2.7 (GEN), 2.7 (STR).
25	16	00	25.6	3.689	N	90.144	E	33	N	5.1	5.1	0.8	144	OFF W COAST OF NORTHERN SUMATERA. Mw 5.6 (GS), 5.5 (HRV).

Moment Tensor (GS): Dep 21; Principal axes (scale 10**17 Nm): (T) Val=2.85, Plg=5, Azm=68; (N) Val=0.16, Plg=85, Azm=244; (P) Val=-3.01, Plg=0, Azm=338; Best double couple: Mo=2.9*10**17 Nm; NP1: Strike=113, Dip=86, Slip=176; NP2: Strike=203, Dip=86, Slip=4.

Centroid, Moment Tensor (HRV): Centroid origin time 16:00:26.9; Lat 3.64 N; Lon 90.13 E; Dep 22.2 Fix; Half-duration 1.4 sec; Principal axes (scale 10**17 Nm): (T) Val=2.35, Plg=4, Azm=72; (N) Val=-0.29, Plg=82, Azm=195; (P) Val=-2.05, Plg=6, Azm=341; Best double couple: Mo=2.2*10**17 Nm; NP1: Strike=117, Dip=82, Slip=-178; NP2: Strike=26, Dip=88, Slip=-8.

25	16	42	05.3	27.931	S	66.934	W	169	D	5.3		1.0	203	CATAMARCA PROVINCE, ARGENTINA. Mw 5.8 (HRV). Felt (III) at Copiapo, Los Loros and Tierra Amarilla, Chile.

Centroid, Moment Tensor (HRV): Centroid origin time 16:42:10.9; Lat 27.90 S; Lon 66.46 W; Dep 175.6; Half-duration 1.9 sec; Principal axes (scale 10**17 Nm): (T) Val=5.55, Plg=10, Azm=55; (N) Val=-0.25, Plg=45, Azm=315; (P) Val=-5.30, Plg=43, Azm=155; Best double couple: Mo=5.4*10**17 Nm; NP1: Strike=185, Dip=52, Slip=-27; NP2: Strike=292, Dip=69, Slip=-139.

25	16	42	46.4&	37.530	N	118.817	W	5					43	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. Mw 3.8 (BRK). ML 3.9 (GM), 3.9 (BRK).

Moment Tensor (BRK): Dep 6; Principal axes (scale 10**14 Nm): (T) Val=6.20, Plg=14, Azm=89; (N) Val=0.00, Plg=9, Azm=182; (P) Val=-6.20, Plg=73, Azm=303; Best double couple: Mo=6.2*10**14 Nm; NP1: Strike=7, Dip=60, Slip=-80; NP2: Strike=167, Dip=32, Slip=-107.

25	16	43	17.9&	37.215	N	27.788	E	10	G				8	TURKEY. <ISK>. MD 3.3 (ISK).
25	17	15	21.9	34.478	N	32.131	E	10	G	5.2	4.9	1.2	279	CYPRUS REGION. Mw 5.6 (HRV). ML 5.3 (GII). MD 4.7 (ISK). About 500 homes damaged on Cyprus. Felt throughout Cyprus and as far as Cairo, Egypt.

Centroid, Moment Tensor (HRV): Centroid origin time 17:15:29.7; Lat 34.56 N; Lon 31.41 E; Dep 15.0 Fix; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=3.15, Plg=35, Azm=341; (N) Val=-1.09, Plg=51, Azm=128;

(P) Val=-2.06, Plg=16, Azm=239; Best double couple: Mo=2.6*10**17 Nm; NP1: Strike=14, Dip=53, Slip=165; NP2: Strike=113, Dip=78, Slip=38.

25	17	42	31.6*	3.111	N	125.710	E	130	?	4.5		1.0	31	TALAUD ISLANDS, INDONESIA
25	18	11	44.5	5.017	S	151.541	E	146	D	4.9		0.8	64	NEW BRITAIN REGION, P.N.G.
25	18	22	21.5*	2.139	S	133.374	E	33	N	4.6	4.2	1.3	19	IRIAN JAYA REGION, INDONESIA
25	18	32	39.1&	37.516	N	118.805	W	14					12	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. ML 3.0 (GM), 3.1 (BRK).
25	18	33	56.4*	13.568	S	166.955	E	257	?	4.1		0.9	35	VANUATU ISLANDS
25	18	46	58.8?	14.01	S	167.08	E	257	?	4.2		1.3	31	VANUATU ISLANDS
25	18	51	38.0&	38.690	N	26.290	E	10					7	AEGEAN SEA. <ATH>. MD 3.7 (ATH), 3.3 (ISK).
25	19	28	25.3&	40.132	N	28.959	E	7					7	TURKEY. <ISK>. MD 2.8 (ISK).
25	19	53	22.4*	2.111	S	133.385	E	33	N	4.6		1.1	15	IRIAN JAYA REGION, INDONESIA
25	19	56	40.1&	60.423	N	152.564	W	99					81	SOUTHERN ALASKA. <AEIC>.
25	20	13	48.8&	32.476	S	71.538	W	51					9	NEAR COAST OF CENTRAL CHILE. <GUC>.
25	20	42	43.9?	13.43	S	166.74	E	161	?	4.6		1.3	43	VANUATU ISLANDS
25	20	46	25.3*	50.532	N	18.840	E	5	G			1.1	6	POLAND. MG 2.8 (WAR).
25	20	48	39.4	55.792	N	110.064	E	10	G			0.4	7	LAKE BAYKAL REGION, RUSSIA. Felt (II) at Verkhnyaya Zaimka.
25	20	51	02.5&	35.550	N	27.620	E	10					9	DODECANESE ISLANDS. <ATH>. MD 3.8 (ATH).
25	20	57	18.5&	43.200	N	1.000	W	8					18	PYRENEES. <LDG>. ML 2.6 (STR), 2.4 (LDG). mbLg 2.5 (MDD).
25	21	28	22.7*	12.847	S	27.149	E	10	G	4.6		1.1	34	ZAMBIA. Felt at Lubumbashi, Congo.
25	21	58	31.2&	46.800	N	7.200	E	2					7	SWITZERLAND. <LDG>. ML 2.0 (LDG).
25	23	01	24.1&	37.059	N	27.668	E	9					10	TURKEY. <ISK>. MD 3.8 (ATH), 3.5 (ISK).
25	23	21	15.5&	37.210	N	27.809	E	8					4	TURKEY. <ISK>. MD 2.8 (ISK).
25	23	30	45.8*	32.846	S	68.012	W	100	G			0.8	10	MENDOZA PROVINCE, ARGENTINA
25	23	39	47.4	43.510	N	127.280	W	10	G	4.6	4.0	0.8	156	OFF COAST OF OREGON
25	23	57	56.3&	32.950	S	70.242	W	106					9	CHILE-ARGENTINA BORDER REGION. <GUC>.
26	00	15	05.4	37.221	N	27.831	E	10	G			0.4	7	TURKEY. MD 3.6 (ATH), 3.1 (ISK).
26	00	35	34.3*	20.586	S	169.605	E	33	N			0.4	9	VANUATU ISLANDS
26	00	37	12.9*	20.366	S	169.391	E	33	N	4.3	4.9	0.9	19	VANUATU ISLANDS
26	00	37	53.5	6.319	S	106.461	E	136	D	5.0		1.0	69	JAWA, INDONESIA. Mw 5.2 (HRV). Felt (III) at Jakarta. Also felt (II) at Bengkulu, Sumatera. Centroid, Moment Tensor (HRV): Centroid origin time 00:37:54.7; Lat 6.53 S; Lon 106.52 E; Dep 142.6; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=7.39, Plg=61, Azm=215; (N) Val=-0.36, Plg=29, Azm=35; (P) Val=-7.03, Plg=0, Azm=125; Best double couple: Mo=7.2*10**16 Nm; NP1: Strike=241, Dip=52, Slip=128; NP2: Strike=9, Dip=52, Slip=52.
26	00	56	28.1&	35.063	S	70.596	W	1					11	CHILE-ARGENTINA BORDER REGION. <GUC>.
26	01	24	04.1	85.712	N	83.427	E	10	G	4.6	4.0	1.2	41	NORTH OF SEVERNAYA ZEMLYA
26	01	29	17.2&	60.276	N	151.769	W	59					25	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.6 (AEIC), 3.2 (PMR).
26	02	12	28.0&	35.974	N	120.527	W	5					7	CENTRAL CALIFORNIA. <GM-P>. MD 2.7 (GM). ML 3.0 (PAS).
26	02	55	15.6&	32.626	S	71.596	W	15					10	NEAR COAST OF CENTRAL CHILE. <GUC>.
26	03	01	05.5&	33.867	S	70.342	W	114					8	CHILE-ARGENTINA BORDER REGION. <GUC>.
26	03	25	46.0&	37.554	N	118.803	W	5					16	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. ML 2.8 (GM), 3.1 (BRK).
26	03	41	34.0	51.563	N	16.128	E	5	G			0.6	14	POLAND. ML 3.5 (GRF), 3.4 (VIE).
26	03	44	21.1&	30.419	S	71.867	W	54					12	NEAR COAST OF CENTRAL CHILE. <GUC>.
26	03	47	50.8&	37.557	N	118.800	W	4					10	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM).
26	03	49	54.8*	16.889	N	100.660	W	10	G			1.3	11	NEAR COAST OF GUERRERO, MEXICO. MD 3.9 (UNM).
26	03	53	53.4&	37.556	N	118.803	W	5					50	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. Mw 4.4 (BRK). ML 4.2 (GM), 4.2 (BRK). Moment Tensor (BRK): Dep 8; Principal axes (scale 10**15 Nm): (T) Val=4.00, Plg=0, Azm=240; (N) Val=0.00, Plg=1, Azm=150; (P) Val=-4.00, Plg=89, Azm=331; Best double couple: Mo=4.0*10**15 Nm; NP1: Strike=150, Dip=45, Slip=-91; NP2: Strike=331, Dip=45, Slip=-89.
26	04	14	31.0&	33.007	S	70.349	W	102					11	CHILE-ARGENTINA BORDER REGION. <GUC>.
26	04	15	40.7&	37.558	N	118.803	W	4					7	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM).
26	04	18	12.3&	37.550	N	118.804	W	5					19	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. ML 3.0 (GM), 3.3 (BRK).
26	04	39	25.7&	32.460	S	71.350	W	48					11	NEAR COAST OF CENTRAL CHILE. <GUC>.
26	05	31	03.2&	39.070	N	21.620	E	5		3.8			21	GREECE. <ATH>. ML 3.5 (ATH).
26	05	41	10.2&	37.558	N	118.802	W	4					11	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. ML 2.8 (GM).
26	06	48	43.8?	29.36	N	51.93	E	33	N	3.7		1.0	6	SOUTHERN IRAN
26	07	11	02.8&	37.485	N	118.842	W	5					7	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.7 (GM).
26	07	12	16.9*	4.376	S	152.814	E	55	*	4.6		1.1	14	NEW BRITAIN REGION, P.N.G.
26	07	13	06.9&	39.608	N	29.370	E	10	G				5	TURKEY. <ISK>. MD 2.9 (ISK).
26	07	40	32.3&	37.551	N	118.804	W	5					11	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM).
26	08	02	12.9?	32.47	N	137.61	E	141	?	4.3		1.2	6	SOUTH OF HONSHU, JAPAN
26	09	11	55.0&	39.696	N	29.447	E	14					5	TURKEY. <ISK>. MD 2.7 (ISK).
26	09	18	50.5	2.073	S	134.199	E	33	N	4.9	4.1	1.3	47	IRIAN JAYA REGION, INDONESIA. Mw 5.1 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 09:18:48.6; Lat 2.61 S; Lon 134.34 E; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=4.61, Plg=22, Azm=138; (N) Val=1.29, Plg=52, Azm=259; (P) Val=-5.90, Plg=23, Azm=35; Best double couple: Mo=5.3*10**16 Nm; NP1: Strike=179, Dip=53, Slip=-174; NP2: Strike=85, Dip=85, Slip=-38.
26	09	33	37.1&	18.170	N	67.170	W	12					5	MONA PASSAGE. <MPR>. MD 2.2 (MPR).
26	09	43	17.2&	39.102	N	27.602	E	10	G			0.7	5	TURKEY. MD 2.8 (ISK).
26	09	43	21.7&	37.551	N	118.805	W	5					16	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. ML 2.9 (GM), 3.1 (BRK).
26	09	44	59.7*	63.255	N	126.999	W	10	G	4.1		1.4	11	NORTHWEST TERRITORIES CANADA
26	09	45	28.8*	2.507	S	134.702	E	33	N	4.2		0.9	11	IRIAN JAYA REGION, INDONESIA
26	10	09	25.1&	41.494	N	26.096	E	10	G				6	TURKEY. <ISK>. MD 2.9 (ISK).
26	10	26	46.4*	44.787	N	149.236	E	114	?	4.1		0.6	9	KURIL ISLANDS
26	10	36	51.1&	46.700	N	7.300	E	2					15	SWITZERLAND. <LDG>. ML 2.2 (LDG), 2.2 (STR).
26	11	59	02.9*	22.947	N	143.903	E	33	N	4.2		1.1	21	VOLCANO ISLANDS REGION
26	12	22	24.5	43.738	N	16.990	E	10	G			1.1	20	NORTHWESTERN BALKAN REGION. MD 3.2 (PDG).
26	12	24	31.3*	36.669	N	71.216	E	223	?	4.1		0.7	16	AFGHANISTAN-TAJIKISTAN BORD REG.
26	12	37	09.4&	33.188	N	115.377	W	2					13	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).

26	12	43	05.5	35.790	N	28.488	E	68		4.5		1.2	173	EASTERN MEDITERRANEAN SEA. MD 4.5 (ATH), 4.2 (ISK).
26	13	16	38.3&	33.187	N	115.568	W	2					8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
26	13	47	31.1&	34.019	S	70.487	W	108					11	CHILE-ARGENTINA BORDER REGION. <GUC>.
26	14	17	59.4*	33.391	S	178.651	W	33	N	4.8		1.0	23	SOUTH OF KERMADEC ISLANDS
26	14	38	51.8&	39.230	N	20.960	E	2					4	GREECE-ALBANIA BORDER REGION. <ATH>. MD 2.9 (ATH).
26	15	10	37.0*	9.069	N	126.650	E	33	N	4.4		0.7	14	MINDANAO, PHILIPPINE ISLANDS
26	15	39	59.3?	40.42	N	127.82	W	10	G			1.5	6	OFF COAST OF NORTHERN CALIFORNIA
26	16	01	29.2&	19.411	N	155.321	W	6					37	HAWAII. <HVO-P>. MD 4.3 (HVO). Felt at Glenwood, Hawaiian Volcano National Park, Hilo, Mauna Loa Estates and Volcano.
26	16	46	49.7&	44.625	N	7.606	E	11					41	NORTHERN ITALY. <GEN>. ML 3.1 (GEN), 2.9 (LDG), 2.6 (STR).
26	17	03	00.9&	55.288	N	159.636	W	0					8	ALASKA PENINSULA. <AEIC>. ML 2.6 (AEIC).
26	18	04	07.2&	37.545	N	118.806	W	4		4.1			62	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. Mw 3.8 (BRK). ML 4.2 (GM), 4.2 (BRK). Moment Tensor (BRK): Dep 4; Principal axes (scale 10**14 Nm): (T) Val=6.50, Plg=1, Azm=53; (N) Val=0.00, Plg=58, Azm=145; (P) Val=-6.50, Plg=32, Azm=322; Best double couple: Mo=6.5*10**14 Nm; NP1: Strike=3, Dip=69, Slip=-25; NP2: Strike=102, Dip=67, Slip=-157.
26	18	35	42.6&	37.542	N	118.807	W	4					20	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. ML 3.4 (GM), 3.5 (BRK).
26	18	45	32.9&	37.543	N	118.804	W	3					11	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM).
26	19	06	16.6*	85.533	N	86.417	E	10	G	4.1	4.0	1.1	13	NORTH OF SEVERNAYA ZEMLYA
26	19	34	29.8&	37.542	N	118.807	W	4					8	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. ML 2.8 (GM).
26	19	35	15.6&	37.480	N	118.846	W	4					10	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. ML 2.9 (GM), 3.0 (BRK).
26	19	54	27.3&	37.546	N	118.802	W	3					9	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM).
26	19	58	33.7&	37.576	N	118.781	W	5					9	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM).
26	20	12	30.8	4.506	S	126.093	E	418	*	4.5		1.0	41	BANDA SEA
26	20	16	13.9*	47.736	N	12.909	E	5	G			1.5	13	AUSTRIA. ML 2.6 (GRF), 2.6 (VIE), 2.4 (FUR).
26	20	26	25.6&	31.336	S	72.234	W	14					11	OFF COAST OF CENTRAL CHILE. <GUC>.
26	21	22	28.2&	37.523	N	118.825	W	7					51	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. Mw 3.9 (BRK). ML 4.4 (GM), 4.4 (BRK). Moment Tensor (BRK): Dep 6; Principal axes (scale 10**14 Nm): (T) Val=9.40, Plg=30, Azm=231; (N) Val=0.00, Plg=48, Azm=0; (P) Val=-9.40, Plg=27, Azm=124; Best double couple: Mo=9.4*10**14 Nm; NP1: Strike=358, Dip=88, Slip=42; NP2: Strike=266, Dip=48, Slip=177.
26	21	26	56.6?	20.22	S	169.61	E	273	*			1.1	8	VANUATU ISLANDS
26	22	30	25.4*	30.134	S	178.652	W	33	N	4.9		0.5	12	KERMADEC ISLANDS, NEW ZEALAND
26	22	43	19.2&	37.041	N	31.942	E	8					6	TURKEY. <ISK>. MD 3.3 (ISK).
26	23	26	23.3&	46.900	N	0.300	E	13					12	FRANCE. <LDG>. ML 1.9 (LDG).
26	23	56	32.6	85.605	N	86.526	E	10	G	5.1	4.6	1.1	146	NORTH OF SEVERNAYA ZEMLYA
27	00	05	16.9&	48.300	N	4.400	W	14					6	FRANCE. <LDG>. ML 2.0 (LDG).
27	00	24	12.6&	36.620	N	4.520	W	24					5	STRAIT OF GIBRALTAR. <MDD>. mbLg 1.7 (MDD).
27	00	31	11.3&	44.040	N	7.840	E	1					20	NORTHERN ITALY. <GEN>. ML 2.1 (GEN), 2.0 (LDG), 1.7 (STR).
27	00	34	09.9&	32.727	S	69.228	W	24					11	MENDOZA PROVINCE, ARGENTINA. <GUC>.
27	00	57	28.4&	31.521	S	70.020	W	135					9	CHILE-ARGENTINA BORDER REGION. <GUC>.
27	02	20	14.0&	32.543	S	69.268	W	167					7	MENDOZA PROVINCE, ARGENTINA. <GUC>.
27	02	25	20.7*	7.706	N	127.246	E	33	N	4.2		1.2	13	PHILIPPINE ISLANDS REGION
27	02	33	32.9&	43.000	N	0.100	W	5					24	PYRENEES. <LDG>. ML 3.0 (LDG), 2.6 (STR). mbLg 2.5 (MDD). Felt (IV) in the Bigorre region, France.
27	03	04	35.7&	44.600	N	7.100	E	2					6	NORTHERN ITALY. <LDG>. ML 1.7 (LDG).
27	03	07	42.6&	37.554	N	118.804	W	4					12	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.1 (GM). ML 3.0 (BRK).
27	03	33	48.3&	63.249	N	151.295	W	12					22	CENTRAL ALASKA. <AEIC>. ML 3.0 (AEIC), 3.3 (PMR).
27	04	16	10.4&	32.749	S	70.889	W	70					10	CHILE-ARGENTINA BORDER REGION. <GUC>.
27	05	24	34.2&	40.647	N	30.022	E	15					4	TURKEY. <ISK>. MD 2.8 (ISK).
27	05	43	50.6&	39.790	N	21.020	E	5					5	GREECE. <ATH>. MD 3.0 (ATH).
27	06	08	06.7*	9.781	S	112.229	E	33	N	4.5		1.1	13	SOUTH OF JAWA, INDONESIA
27	06	18	20.4	15.287	N	119.963	E	33	N	5.5	4.6	0.9	160	LUZON, PHILIPPINE ISLANDS. Mw 5.2 (HRV). Felt at Manila and Olongapo. Centroid, Moment Tensor (HRV): Centroid origin time 06:18:23.5; Lat 15.27 N; Lon 119.81 E; Dep 47.6; Half-duration 1.1 sec; Principal axes (scale 10**16 Nm): (T) Val=8.05, Plg=34, Azm=112; (N) Val=0.44, Plg=14, Azm=12; (P) Val=-8.49, Plg=52, Azm=264; Best double couple: Mo=8.3*10**16 Nm; NP1: Strike=247, Dip=17, Slip=-34; NP2: Strike=10, Dip=81, Slip=-104.
27	06	31	45.4%	46.058	N	14.784	E	10	G			0.3	5	NORTHWESTERN BALKAN REGION. ML 1.4 (LJU).
27	06	38	26.6*	3.965	N	95.593	E	33	N	4.7		1.3	26	OFF W COAST OF NORTHERN SUMATERA
27	08	08	58.7	58.652	N	137.184	W	10	G	5.5	5.2	0.9	287	SOUTHEASTERN ALASKA. Mw 5.6 (GS), 5.6 (HRV). Me 5.4 (GS). ML 5.7 (PGC), 5.4 (AEIC), 5.1 (PMR). Felt at Gustavus, Juneau, Sitka, Skagway and Yakutat. Also felt at Whitehorse, Yukon Territory. Small precursor about five seconds prior to this event. Broadband Source Parameters (GS): Dep 10; NP1: Strike=45, Dip=67, Slip=60; NP2: Strike=281, Dip=37, Slip=140; Radiated energy 2.4*10**12 Nm. Moment Tensor (GS): Dep 8; Principal axes (scale 10**17 Nm): (T) Val=3.06, Plg=48, Azm=271; (N) Val=-0.05, Plg=38, Azm=62; (P) Val=-3.01, Plg=15, Azm=164; Best double couple: Mo=3.0*10**17 Nm; NP1: Strike=293, Dip=45, Slip=151; NP2: Strike=45, Dip=70, Slip=49. Centroid, Moment Tensor (HRV): Centroid origin time 08:09:04.5; Lat 58.49 N Fix; Lon 137.37 W Fix; Dep 15.0 Bdy; Half-duration 1.6 sec; Principal axes (scale 10**17 Nm): (T) Val=3.41, Plg=48, Azm=280; (N) Val=-0.34, Plg=42, Azm=89; (P) Val=-3.07, Plg=6, Azm=184; Best double couple: Mo=3.2*10**17 Nm; NP1: Strike=310, Dip=54, Slip=146; NP2: Strike=61, Dip=63, Slip=42.
27	08	16	25.7&	39.686	N	29.719	E	10	G				4	TURKEY. <ISK>. MD 2.7 (ISK).
27	08	34	34.5&	38.227	N	30.219	E	10	G				4	TURKEY. <ISK>. MD 3.0 (ISK).
27	08	48	51.6&	42.320	S	174.050	E	12					12	OFF E. COAST OF S. ISLAND, N.Z. <WEL>. ML 3.9 (WEL).

27	08	52	30.7&	31.395	S	69.631	W	207				10	SAN JUAN PROVINCE, ARGENTINA. <GUC>.
27	08	57	05.8&	37.170	N	20.900	E	5				7	IONIAN SEA. <ATH>. ML 3.7 (ATH).
27	09	02	42.4&	39.224	N	27.035	E	10 G				4	TURKEY. <ISK>. MD 2.8 (ISK).
27	09	17	35.3&	32.405	S	71.012	W	62				5	NEAR COAST OF CENTRAL CHILE. <GUC>.
27	09	23	31.5&	39.089	N	27.730	E	13				4	TURKEY. <ISK>. MD 2.8 (ISK).
27	09	52	50.2&	15.826	N	60.642	W	24				11	LEEWARD ISLANDS. <FDF>. MD 3.0 (FDF).
27	09	59	26.6&	42.120	N	0.270	E	3				18	PYRENEES. <MDD>. ML 3.0 (STR), 2.9 (LDG). mbLg 2.5 (MDD).
27	10	20	06.6&	36.930	N	3.610	W	8				5	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.0 (MDD).
27	11	06	12.5*	46.155	N	15.974	E	10 G			0.7	5	NORTHWESTERN BALKAN REGION. ML 2.2 (VIE).
27	11	46	00.4*	5.524	N	126.399	E	118 ?	4.4		0.9	15	MINDANAO, PHILIPPINE ISLANDS
27	11	51	21.2&	32.789	S	70.129	W	105				11	CHILE-ARGENTINA BORDER REGION. <GUC>.
27	13	51	11.6&	35.281	S	71.422	W	89				9	CENTRAL CHILE. <GUC>.
27	13	51	24.6&	39.286	N	27.513	E	10 G				4	TURKEY. <ISK>. MD 2.8 (ISK).
27	14	13	08.4&	34.879	S	71.404	W	58				9	NEAR COAST OF CENTRAL CHILE. <GUC>.
27	14	34	43.1*	64.037	N	149.252	W	33 N			1.4	7	CENTRAL ALASKA. ML 2.7 (PMR).
27	14	35	37.7&	37.499	N	118.831	W	5				7	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM).
27	14	44	52.0&	34.683	S	71.190	W	83				9	NEAR COAST OF CENTRAL CHILE. <GUC>.
27	14	47	49.2&	60.016	N	153.437	W	134				18	SOUTHERN ALASKA. <AEIC>.
27	14	59	17.1&	16.048	N	98.389	W	16				9	NEAR COAST OF GUERRERO, MEXICO. <UNM>. MD 3.8 (UNM).
27	15	09	05.1&	11.742	N	61.598	W	83				9	WINDWARD ISLANDS. <TRN>. MD 3.8 (TRN).
27	16	01	22.8	55.813	N	110.036	E	10 G	4.9	4.6	0.9	69	LAKE BAYKAL REGION, RUSSIA. Mw 5.1 (HRV). Felt (VI) at Verkhnyaya Zaimka, (V) at Kichera, (IV) at Severobaykalsk, (III) at Nizhneangarsk and (II) at Bodaybo. Centroid, Moment Tensor (HRV): Centroid origin time 16:01:25.2; Lat 55.55 N; Lon 109.17 E; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=4.11, Plg=3, Azm=134; (N) Val=2.08, Plg=76, Azm=32; (P) Val=-6.19, Plg=13, Azm=225; Best double couple: Mo=5.2*10**16 Nm; NP1: Strike=269, Dip=78, Slip=-7; NP2: Strike=0, Dip=83, Slip=-168.
27	16	14	31.0?	55.58	N	110.29	E	10 G	3.4		1.3	5	LAKE BAYKAL REGION, RUSSIA
27	16	31	11.4&	40.300	N	29.316	E	10 G				11	TURKEY. <ISK>. MD 3.2 (ISK).
27	16	35	27.2&	40.354	N	29.339	E	6				10	TURKEY. <ISK>. MD 3.1 (ISK).
27	16	49	42.7	46.437	N	12.912	E	10 G			1.2	55	NORTHERN ITALY. ML 3.8 (GRF), 3.4 (CLL), 3.3 (LDG), 3.2 (VIE), 3.2 (FUR).
27	17	25	40.0&	46.300	N	7.400	E	2				8	SWITZERLAND. <LDG>. ML 2.1 (LDG).
27	17	52	50.7&	40.590	N	33.100	E	5				7	TURKEY. <ISK>. MD 3.4 (ISK).
27	18	07	50.8*	22.841	N	143.173	E	33 N	4.1		1.0	12	VOLCANO ISLANDS REGION
27	18	11	35.3	2.724	N	128.496	E	233 *	5.0		1.1	51	HALMAHERA, INDONESIA
27	18	25	47.8&	31.639	S	71.658	W	40				10	NEAR COAST OF CENTRAL CHILE. <GUC>.
27	19	06	30.6&	34.929	S	71.073	W	109				11	NEAR COAST OF CENTRAL CHILE. <GUC>.
27	19	11	29.9&	62.259	N	152.122	W	9				6	CENTRAL ALASKA. <AEIC>. ML 3.4 (PMR).
27	19	25	57.8*	21.148	S	169.962	E	72 D	4.6		1.3	32	LOYALTY ISLANDS REGION
27	19	28	03.6&	34.830	N	82.000	W	5 G				4	SOUTH CAROLINA. <MACRO>. mbLg 2.4 (CSC). Felt at Moore.
27	19	30	05.8&	37.330	N	20.630	E	5				4	IONIAN SEA. <ATH>. MD 3.1 (ATH).
27	20	05	32.8&	53.569	N	164.661	W	36	3.1			19	UNIMAK ISLAND REGION. <AEIC>. ML 3.3 (AEIC).
27	20	35	06.9*	58.549	S	25.920	W	33 N			1.4	12	SOUTH SANDWICH ISLANDS REGION
27	21	16	38.7	45.814	N	10.637	E	33 N			1.3	26	NORTHERN ITALY. ML 2.8 (VIE), 2.5 (LDG).
27	21	27	37.6&	32.668	S	70.488	W	13				11	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.4 (GUC).
27	21	50	56.4&	15.464	N	93.577	W	88	3.4			5	NEAR COAST OF CHIAPAS, MEXICO. <UNM>. MD 4.1 (UNM).
27	22	20	36.6*	58.614	N	142.741	W	10 G			0.4	16	GULF OF ALASKA. ML 2.5 (AEIC).
27	22	31	20.1*	48.819	N	27.599	W	10 G	4.2		1.3	26	NORTHERN MID-ATLANTIC RIDGE
27	23	08	48.5&	49.160	N	6.640	E	1 G				5	GERMANY. <STR>. ML 1.8 (STR).
27	23	34	14.0&	40.331	N	29.330	E	7				6	TURKEY. <ISK>. MD 2.6 (ISK).
28	00	15	24.3?	20.08	S	177.60	W	436 ?	4.7		0.8	21	FIJI ISLANDS REGION
28	00	23	34.9&	15.339	N	61.074	W	146				19	LEEWARD ISLANDS. <TRN>. MD 3.6 (TRN), 3.3 (FDF).
28	00	23	48.6&	42.383	N	19.184	E	19				10	NORTHWESTERN BALKAN REGION. <PDG>. MD 2.2 (PDG).
28	00	26	25.0&	39.202	N	27.060	E	5				4	TURKEY. <ISK>. MD 3.0 (ISK).
28	01	03	43.9&	39.242	N	27.255	E	6				5	TURKEY. <ISK>. MD 2.8 (ISK).
28	01	52	48.3?	2.36	S	134.64	E	33 N	4.1		1.0	8	IRIAN JAYA REGION, INDONESIA
28	02	14	54.5?	44.37	N	129.23	W	10 G	3.4		0.5	5	OFF COAST OF OREGON
28	02	39	52.7&	37.160	N	3.630	W	0				14	SPAIN. <MDD>. mbLg 2.4 (MDD).
28	03	28	36.0&	39.750	N	20.490	E	5				5	GREECE-ALBANIA BORDER REGION. <ATH>. MD 3.1 (ATH).
28	03	39	35.8*	4.898	S	143.692	E	108 *	4.7		1.5	9	NEW GUINEA, PAPUA NEW GUINEA
28	03	57	04.6&	40.284	N	29.310	E	5				8	TURKEY. <ISK>. MD 3.0 (ISK).
28	04	00	58.0&	43.120	N	6.350	W	1				8	SPAIN. <MDD>. mbLg 2.4 (MDD).
28	04	52	55.6	12.568	N	87.377	W	86 D	5.3	4.5	1.1	160	NEAR COAST OF NICARAGUA. Mw 5.3 (HRV). Felt throughout Nicaragua. Centroid, Moment Tensor (HRV): Centroid origin time 04:52:58.5; Lat 12.39 N; Lon 87.78 W; Dep 68.8; Half-duration 1.1 sec; Principal axes (scale 10**17 Nm): (T) Val=1.00, Plg=63, Azm=21; (N) Val=0.04, Plg=5, Azm=121; (P) Val=-1.04, Plg=26, Azm=214; Best double couple: Mo=1.0*10**17 Nm; NP1: Strike=316, Dip=19, Slip=106; NP2: Strike=120, Dip=71, Slip=85.
28	05	34	17.2&	31.912	S	69.984	W	139				12	SAN JUAN PROVINCE, ARGENTINA. <GUC>. MD 2.6 (GUC).
28	05	48	24.2&	16.789	N	61.783	W	78				12	LEEWARD ISLANDS. <TRN>. MD 3.0 (TRN), 3.0 (FDF).
28	05	59	40.1&	37.060	N	3.880	W	0				13	SPAIN. <MDD>. mbLg 2.4 (MDD).
28	07	05	34.7*	59.116	S	159.490	W	10 G	4.8	4.1	0.7	12	PACIFIC-ANTARCTIC RIDGE
28	07	09	53.6	0.854	S	98.584	E	43 *	4.8		0.9	37	SOUTHERN SUMATERA, INDONESIA
28	07	26	46.5*	26.625	S	177.388	W	107 D	4.5		1.2	25	SOUTH OF FIJI ISLANDS
28	07	53	55.0&	40.365	N	28.931	E	10 G				5	TURKEY. <ISK>. MD 2.6 (ISK).
28	07	59	10.4&	37.545	N	118.806	W	5				6	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM).
28	08	24	01.9&	39.552	N	29.435	E	6				4	TURKEY. <ISK>. MD 2.6 (ISK).
28	08	25	17.4&	39.590	N	29.509	E	8				5	TURKEY. <ISK>. MD 2.7 (ISK).
28	08	37	28.2*	9.996	N	125.473	E	33 N	4.7		1.0	24	MINDANAO, PHILIPPINE ISLANDS
28	08	46	36.8&	32.709	S	70.854	W	70				14	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 4.0 (GUC).
28	08	51	55.6	44.187	N	7.487	W	10 G			0.9	30	NORTH ATLANTIC OCEAN. ML 3.6 (LDG). mbLg 3.2 (MDD). Felt (II) at Xove, Spain.
28	09	42	35.7&	34.054	S	70.910	W	76				13	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.9 (GUC).
28	10	51	39.9*	11.369	S	166.292	E	33 N	4.6		1.2	22	SANTA CRUZ ISLANDS
28	11	19	30.1	36.805	N	142.135	E	33 N	4.4	4.2	1.1	28	OFF EAST COAST OF HONSHU, JAPAN
28	11	26	34.2	47.438	N	10.107	E	10 G			1.2	12	AUSTRIA. ML 2.4 (STR), 2.3 (VIE), 2.2 (FBB).

28	11	37	29.6*	28.305	N	57.672	E	33	N	4.1		0.4	13	SOUTHERN IRAN
28	12	05	57.8*	2.046	S	138.432	E	33	N	4.4		1.1	12	IRIAN JAYA, INDONESIA
28	12	36	44.4*	45.539	N	151.422	E	55	*	4.6		1.3	36	KURIL ISLANDS
28	12	43	24.4&	18.630	N	66.580	W	2					8	PUERTO RICO REGION. <MPR>. MD 2.8 (MPR).
28	13	14	32.5*	51.136	N	178.551	E	33	N	4.3		1.3	18	RAT ISLANDS, ALEUTIAN ISLANDS
28	13	28	10.7*	14.786	N	91.087	W	196	*	4.6		1.4	27	GUATEMALA. MD 4.5 (UNM).
28	14	50	55.1&	18.630	N	66.600	W	3					7	PUERTO RICO REGION. <MPR>. MD 2.6 (MPR).
28	15	38	47.7*	30.528	N	68.382	E	33	N	4.3		1.3	21	PAKISTAN
28	16	12	48.9&	40.814	N	27.767	E	5					7	TURKEY. <ISK>. MD 2.7 (ISK).
28	17	34	38.6*	51.208	N	178.355	E	33	N	4.5		0.8	22	RAT ISLANDS, ALEUTIAN ISLANDS
28	17	38	48.9?	24.83	S	179.62	E	554	?	4.6		1.0	20	SOUTH OF FIJI ISLANDS
28	18	01	12.4&	40.274	N	29.321	E	5					4	TURKEY. <ISK>. MD 2.6 (ISK).
28	18	05	01.3*	85.885	N	83.589	E	10	G	4.0		1.0	12	NORTH OF SEVERNAYA ZEMLYA
28	18	05	48.7	85.595	N	84.417	E	10	G	4.2	3.6	0.9	17	NORTH OF SEVERNAYA ZEMLYA
28	18	41	12.7?	31.57	S	70.08	W	100	G			0.9	14	CHILE-ARGENTINA BORDER REGION. MD 3.8 (GUC).
28	19	00	11.6	29.356	N	81.003	E	33	N	4.3		0.8	27	NEPAL
28	19	43	12.9&	62.754	N	149.636	W	73					7	CENTRAL ALASKA. <AEIC>.
28	19	50	28.8	45.340	N	151.272	E	48	D	4.8	4.2	1.0	90	KURIL ISLANDS
28	19	53	36.3&	37.279	N	27.896	E	5					6	TURKEY. <ISK>. MD 3.3 (ISK).
28	19	58	51.0&	60.283	N	152.611	W	104					17	SOUTHERN ALASKA. <AEIC>.
28	20	05	58.7	62.109	N	26.247	W	10	G	4.2		1.1	33	ICELAND REGION
28	20	11	11.2&	44.139	N	7.696	E	9					5	NORTHERN ITALY. <GEN>. ML 1.6 (GEN).
28	20	37	26.1*	50.535	N	6.182	E	10	G			1.4	10	GERMANY. ML 2.5 (LDG), 1.9 (UCC).
28	20	44	31.7*	36.803	N	71.314	E	99	?	4.3		1.5	22	AFGHANISTAN-TAJIKISTAN BORD REG.
28	20	45	54.2&	37.558	N	118.802	W	4		4.2			30	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. Mw 3.6 (BRK). ML 3.8 (GM), 3.8 (BRK). Moment Tensor (BRK): Dep 4; Principal axes (scale 10**14 Nm): (T) Val=2.80, Plg=14, Azm=61; (N) Val=0.00, Plg=66, Azm=298; (P) Val=-2.80, Plg=19, Azm=156; Best double couple: Mo=2.8*10**14 Nm; NP1: Strike=290, Dip=86, Slip=-156; NP2: Strike=198, Dip=66, Slip=-4.
28	20	51	49.1*	5.533	S	102.955	E	33	N	4.1		0.8	9	SOUTHERN SUMATERA, INDONESIA
28	21	51	00.4&	37.186	N	27.786	E	10	G				4	TURKEY. <ISK>. MD 3.0 (ISK).
28	21	56	41.5	14.370	S	75.513	W	59	*	4.7		0.8	26	NEAR COAST OF PERU. Felt (IV) at Nazca.
28	22	06	38.7?	31.53	S	68.42	W	100	G			0.9	12	SAN JUAN PROVINCE, ARGENTINA. MD 3.5 (GUC).
28	22	15	07.1	46.024	N	15.195	E	10	G			0.2	7	NORTHWESTERN BALKAN REGION. ML 1.9 (VIE), 1.4 (LJU).
28	22	52	22.7	12.643	N	95.090	E	33	N	4.8	4.1	1.0	38	ANDAMAN ISLANDS, INDIA
28	23	02	19.9&	37.706	N	27.423	E	12					4	TURKEY. <ISK>. MD 2.9 (ISK).
29	00	31	38.7	61.986	N	4.762	E	10	G	3.5		1.3	46	SOUTHERN NORWAY. ML 4.2 (BGS).
29	01	10	46.4&	40.784	N	27.979	E	8					6	TURKEY. <ISK>. MD 2.7 (ISK).
29	01	15	12.3&	37.535	N	118.823	W	7					8	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM).
29	01	31	47.8*	51.427	N	16.001	E	5	G			0.5	7	POLAND. ML 3.3 (VIE).
29	02	27	58.3*	31.537	N	138.053	E	409	*	3.9		1.1	25	SOUTH OF HONSHU, JAPAN
29	02	59	26.8*	56.018	S	27.621	W	135	?	4.9		0.7	20	SOUTH SANDWICH ISLANDS REGION
29	03	03	00.5&	11.183	N	62.154	W	100					6	WINDWARD ISLANDS. <TRN>. MD 3.0 (TRN).
29	03	04	42.9	51.836	N	157.231	E	139	*	4.6		0.9	35	NEAR EAST COAST OF KAMCHATKA
29	04	43	30.1&	37.141	N	27.703	E	10	G				4	TURKEY. <ISK>. MD 3.0 (ISK).
29	04	48	42.3	47.529	N	9.329	E	10	G			1.4	17	GERMANY. ML 2.4 (VIE), 2.3 (LDG), 2.2 (STR).
29	05	07	53.7&	37.228	N	27.831	E	5					4	TURKEY. <ISK>. MD 3.1 (ISK).
29	05	48	50.4&	34.641	S	72.252	W	25					11	NEAR COAST OF CENTRAL CHILE. <GUC>.
29	05	52	27.2*	26.333	S	27.786	E	10	G			1.3	9	REPUBLIC OF SOUTH AFRICA
29	06	03	04.0	35.403	N	77.510	E	33	N	4.6	3.7	0.9	48	EASTERN KASHMIR
29	06	15	52.5&	40.771	N	28.083	E	10	G				4	TURKEY. <ISK>. MD 2.5 (ISK).
29	06	49	49.5&	42.366	N	19.457	E	22					12	NORTHWESTERN BALKAN REGION. <PDG>. MD 2.3 (PDG).
29	07	14	18.2	19.585	N	105.911	W	33	N	4.0		0.9	52	NEAR COAST OF JALISCO, MEXICO. MD 4.6 (UNM).
29	07	23	54.9*	5.491	S	152.456	E	33	N	4.5		1.4	17	NEW BRITAIN REGION, P.N.G.
29	07	38	11.9&	34.089	S	70.350	W	7					13	CHILE-ARGENTINA BORDER REGION. <GUC>.
29	08	02	15.4&	47.000	N	8.500	E	2					5	SWITZERLAND. <LDG>. ML 2.0 (LDG).
29	08	27	35.3&	14.476	N	60.792	W	25					17	WINDWARD ISLANDS. <FDF>. MD 3.3 (TRN), 3.2 (FDF). Felt (II) at Le Francois, Martinique.
29	08	30	17.6&	32.281	S	71.300	W	45					13	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.6 (GUC).
29	08	39	00.7?	13.87	N	93.89	W	33	N	4.0		1.3	7	OFF COAST OF CHIAPAS, MEXICO
29	09	00	26.1	46.050	N	14.760	E	10	G			0.9	10	NORTHWESTERN BALKAN REGION. ML 2.7 (VIE), 2.1 (LJU).
29	09	49	42.5&	41.397	N	19.917	E	13					14	ALBANIA. <PDG>. MD 3.4 (PDG).
29	10	05	32.7&	61.537	N	150.623	W	56					21	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
29	11	23	19.1&	40.510	N	0.370	W	6					20	SPAIN. <MDD>. mbLg 2.9 (MDD). ML 2.8 (LDG).
29	11	30	47.2?	15.23	N	96.19	W	33	N	4.0		1.5	18	NEAR COAST OF OAXACA, MEXICO. MD 4.3 (UNM).
29	11	30	49.2&	36.210	N	2.740	W	3					39	STRAIT OF GIBRALTAR. <MDD>. mbLg 3.5 (MDD).
29	11	46	13.6?	6.83	N	72.91	W	166	?	3.3		0.8	7	NORTHERN COLOMBIA
29	11	47	16.3*	20.026	S	177.843	W	454	?	4.5		1.3	25	FIJI ISLANDS REGION
29	11	49	05.2?	23.40	N	122.73	E	33	N	3.7		1.4	7	TAIWAN REGION
29	11	49	34.5&	57.250	N	3.850	W	6					9	UNITED KINGDOM. <BGS>. ML 2.2 (BGS). Felt (III) at Boat of Garten and Carrbridge, Scotland.
29	11	56	12.9&	37.100	N	4.260	W	27					5	SPAIN. <MDD>. mbLg 1.7 (MDD).
29	12	11	39.8&	32.417	S	71.235	W	78					12	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 2.9 (GUC).
29	12	20	39.7*	10.962	N	60.993	W	33	N			1.0	6	TRINIDAD. MD 3.1 (TRN).
29	12	21	00.9&	32.901	S	71.281	W	53					11	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 2.9 (GUC).
29	12	24	59.0&	37.150	N	3.750	W	0					7	SPAIN. <MDD>. mbLg 1.6 (MDD).
29	12	35	28.0&	34.669	S	70.193	W	1					9	CHILE-ARGENTINA BORDER REGION. <GUC>.
29	12	54	36.8	50.474	N	156.268	E	78	D	4.9		0.9	68	KURIL ISLANDS. Felt (II) at Severo-Kurilsk.
29	13	31	08.9	85.580	N	86.059	E	10	G	4.4		0.8	14	NORTH OF SEVERNAYA ZEMLYA
29	14	11	54.2	36.705	N	57.455	E	78	?	4.6		1.3	47	NORTHERN IRAN. Felt at Sabzevar.
29	14	15	22.6&	37.250	N	20.950	E	5					4	IONIAN SEA. <ATH>. MD 3.0 (ATH).
29	15	37	42.6	55.716	N	110.331	E	10	G	4.2		1.0	19	LAKE BAYKAL REGION, RUSSIA
29	16	04	26.1	46.190	N	16.020	E	10	G			0.8	9	NORTHWESTERN BALKAN REGION. ML 2.2 (VIE), 1.6 (LJU).
29	16	36	41.0&	46.100	N	7.400	E	2					4	SWITZERLAND. <LDG>. ML 2.0 (LDG).
29	16	39	27.5*	59.203	S	159.941	W	10	G	5.0	4.6	0.9	30	PACIFIC-ANTARCTIC RIDGE
29	17	15	02.8&	46.000	N	2.800	E	5					4	FRANCE. <LDG>. ML 1.6 (LDG).
29	17	39	00.6	58.947	S	26.398	W	138	?	4.6		0.8	26	SOUTH SANDWICH ISLANDS REGION
29	17	48	18.7*	16.173	N	98.513	W	10	G			1.0	7	NEAR COAST OF GUERRERO, MEXICO. MD 3.8 (UNM).
29	17	57	41.5?	36.40	N	70.75	E	251	?	3.4		0.9	8	HINDU KUSH REGION, AFGHANISTAN
29	19	04	11.6&	33.047	S	71.350	W	51					13	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.0 (GUC).
29	19	39	41.4	19.926	S	133.759	E	33	N	4.3		1.0	13	NORTHERN TERRITORY, AUSTRALIA

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29  20 10 45.2  32.892 N   93.771 E   33 N  5.2 4.9  0.9  223  XIZANG. Mw 5.4 (HRV).
                                                               Centroid, Moment Tensor (HRV): Centroid origin time
                                                                20:10:50.6; Lat 32.81 N; Lon 93.77 E; Dep 33.0 Fix; Half-
                                                                duration 1.4 sec; Principal axes (scale 10**17 Nm): (T)
                                                                Val=1.25, Plg=5, Azm=126; (N) Val=0.07, Plg=79, Azm=9; (P)
                                                                Val=-1.32, Plg=10, Azm=217; Best double couple:
                                                                Mo=1.3*10**17 Nm; NP1: Strike=261, Dip=80, Slip=-3; NP2:
                                                                Strike=352, Dip=87, Slip=-170.
29  20 11 18.9  47.351 N    8.547 E   10 G          1.1   16  SWITZERLAND. ML 2.6 (FBB), 2.6 (LDG), 2.4 (VIE), 2.3 (STR).
29  20 16 33.6* 50.396 S   75.973 W   33 N  5.0      0.6   20  SOUTHERN CHILE
29  20 27 34.9& 60.343 N  150.928 W   62                    34  KENAI PENINSULA, ALASKA. <AEIC>. ML 2.9 (AEIC), 3.2 (PMR).
29  20 54 05.7& 37.491 N   36.351 E   10 G                   4  TURKEY. <ISK>. MD 3.4 (ISK).
29  20 58 28.9& 17.031 N   99.705 W   53                    5  GUERRERO, MEXICO. <ISK>. MD 3.8 (UNM).
29  21 16 15.2& 38.817 N   30.253 E    8                    5  TURKEY. <ISK>. MD 2.9 (ISK).
29  22 14 11.9* 28.689 N  131.428 E   33 N  4.2      1.3   19  SOUTHEAST OF RYUKYU ISLANDS
29  22 21 11.8  40.842 N   28.800 E   10 G          0.3    7  TURKEY. MD 2.8 (ISK).
29  22 43 55.8& 40.845 N   28.769 E    9                    9  TURKEY. <ISK>. MD 3.2 (ISK).
29  22 50 16.9  11.320 N   85.871 W  157 *  4.6      1.2   38  NICARAGUA
29  23 04 52.1& 54.089 N  164.144 W   12                   18  UNIMAK ISLAND REGION. <AEIC>. ML 3.4 (AEIC).
29  23 54 17.8& 34.326 S   70.170 W   10                    7  CHILE-ARGENTINA BORDER REGION. <GUC>.
30  00 06 34.6& 40.880 N   28.795 E   13                    4  TURKEY. <ISK>. MD 2.7 (ISK).
30  00 15 09.6& 42.900 N    0.600 W    2                   10  PYRENEES. <LDG>. ML 2.2 (STR), 1.9 (LDG).
30  00 15 40.6  29.476 N   51.967 E   58 ?  4.6 3.9  1.1  122  SOUTHERN IRAN
30  00 20 25.1* 34.922 S   15.143 W   10 G  4.5      0.7   15  TRISTAN DA CUNHA REGION
30  00 32 29.3& 40.826 N   28.762 E    5                    4  TURKEY. <ISK>. MD 2.5 (ISK).
30  00 42 32.8  18.785 N  146.092 E   90 *  4.8      1.0   52  MARIANA ISLANDS
30  00 51 12.1  45.968 N   12.334 E   10 G          0.9   13  NORTHERN ITALY. ML 2.7 (VIE), 2.1 (LJU).
30  00 57 58.8& 40.281 N   29.309 E    5                    5  TURKEY. <ISK>. MD 2.6 (ISK).
30  01 29 51.2& 38.180 S  176.460 E  183                   14  NORTH ISLAND, NEW ZEALAND. <WEL>.
30  02 03 01.0& 37.140 N    3.700 W    0                   10  SPAIN. <MDD>. mbLg 1.8 (MDD).
30  02 21 43.3   1.582 N  126.526 E   52 *  5.3      1.1   72  NORTHERN MOLUCCA SEA. Mw 5.1 (HRV). Felt (II) on Ternate,
                                                                Indonesia.
                                                               Centroid, Moment Tensor (HRV): Centroid origin time
                                                                02:21:41.8; Lat 1.58 N Fix; Lon 126.53 E Fix; Dep 50.9;
                                                                Half-duration 1.0 sec; Principal axes (scale 10**16 Nm):
                                                                (T) Val=4.74, Plg=73, Azm=154; (N) Val=-0.90, Plg=13,
                                                                Azm=16; (P) Val=-3.84, Plg=11, Azm=283; Best double couple:
                                                                Mo=4.3*10**16 Nm; NP1: Strike=357, Dip=36, Slip=67; NP2:
                                                                Strike=204, Dip=58, Slip=106.
30  02 22 19.3& 33.481 S   70.507 W   87                   13  CHILE-ARGENTINA BORDER REGION. <GUC>.
30  03 21 24.7& 40.911 N   28.814 E   14                    6  TURKEY. <ISK>. MD 2.9 (ISK).
30  03 34 13.5& 45.014 N    6.672 E    7                   16  FRANCE. <GEN>. ML 2.1 (GEN), 1.8 (LDG).
30  04 41 36.2   5.424 S  152.411 E   57 *  5.0      1.0   43  NEW BRITAIN REGION, P.N.G.
30  05 20 43.8& 37.560 N  118.801 W    5                   11  CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM).
30  05 49 39.2* 30.546 S   68.847 W  100 G          1.1   12  SAN JUAN PROVINCE, ARGENTINA. MD 3.4 (GUC).
30  05 49 59.8   5.325 S  141.715 E   10 G  4.6      1.4   25  NEW GUINEA, PAPUA NEW GUINEA
30  05 51 40.9& 37.541 N  118.808 W    5                   14  CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM). ML 3.1
                                                                (BRK).
30  06 01 42.4& 40.332 N   29.339 E   10 G                    4  TURKEY. <ISK>. MD 2.6 (ISK).
30  06 30 25.7& 37.544 N  118.804 W    4                    9  CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM).
30  06 34 30.5& 37.549 N  118.805 W    4                   13  CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM). ML 3.0
                                                                (BRK).
30  07 06 40.5& 36.020 N    2.640 W    0 G                   12  STRAIT OF GIBRALTAR. <MDD>. mbLg 2.5 (MDD).
30  07 18 32.2*  5.238 S  141.612 E   10 G  4.1      1.2   14  NEW GUINEA, PAPUA NEW GUINEA
30  07 23 54.8& 40.851 N   28.752 E    7                    5  TURKEY. <ISK>. MD 2.7 (ISK).
30  08 07 03.1? 11.16  N   87.04  W   33 N  4.3      1.2    9  NEAR COAST OF NICARAGUA
30  08 31 12.7& 33.086 S   71.476 W   39                   13  NEAR COAST OF CENTRAL CHILE. <GUC>. MD 2.9 (GUC).
30  09 33 17.3  32.397 S   69.095 W   10 G          0.8   15  MENDOZA PROVINCE, ARGENTINA. MD 3.7 (GUC).
30  09 44 30.5*  7.700 S  129.075 E   33 N  4.3      1.4   16  BANDA SEA
30  09 44 57.7& 37.280 N    4.130 W    0 G                   15  SPAIN. <MDD>. mbLg 2.4 (MDD).
30  09 50 24.0& 46.700 N    7.300 E   12                    4  SWITZERLAND. <LDG>. ML 1.9 (LDG).
30  09 53 44.1* 22.210 S  179.714 W  627 ?  4.5      0.9   34  SOUTH OF FIJI ISLANDS
30  09 58 43.5  17.393 N  100.503 W   61    4.4      1.2   61  GUERRERO, MEXICO. MD 4.6 (UNM).
30  10 22 16.4* 36.958 N  135.225 E  366    3.7      0.8   10  SEA OF JAPAN
30  10 29 22.7& 45.400 N    6.800 E    6                    5  FRANCE. <LDG>. ML 1.7 (LDG).
30  11 01 52.3*  6.468 S  154.352 E   53 *  4.4      1.1   28  SOLOMON ISLANDS
30  11 07 46.7   6.460 S  154.282 E   75 *  4.7      1.2   32  SOLOMON ISLANDS
30  11 56 53.2  53.044 N  159.869 E   33 N  4.8 4.1  0.7   68  NEAR EAST COAST OF KAMCHATKA
30  12 00 50.9& 37.540 N  118.819 W    3                   13  CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM).
30  12 15 45.8& 34.010 N  118.208 W    7                   35  SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS). Felt in the Los
                                                                Angeles area.
30  12 20 38.3& 34.014 N  118.215 W    5                   31  SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS). Felt in the Los
                                                                Angeles area.
30  12 29 17.6& 34.010 N  118.195 W    8                    7  SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
30  12 47 32.1& 43.000 N    0.100 E   11                    6  FRANCE. <LDG>. ML 2.2 (STR), 1.7 (LDG).
30  12 48 30.8& 16.693 N   61.193 W   21                    9  LEEWARD ISLANDS. <FDF>. MD 3.1 (TRN), 3.0 (FDF).
30  13 17 25.5  25.265 N  124.321 E  135    4.7      0.9   40  NORTHEAST OF TAIWAN
30  13 23 56.8   2.137 S  125.117 E   33 N  5.0      1.1   55  CERAM SEA. Mw 5.1 (HRV).
                                                               Centroid, Moment Tensor (HRV): Centroid origin time
                                                                13:23:58.3; Lat 1.97 S; Lon 125.25 E; Dep 63.2; Half-
                                                                duration 1.0 sec; Principal axes (scale 10**16 Nm): (T)
                                                                Val=3.93, Plg=0, Azm=126; (N) Val=3.32, Plg=73, Azm=36; (P)
                                                                Val=-7.25, Plg=17, Azm=216; Best double couple:
                                                                Mo=5.6*10**16 Nm; NP1: Strike=259, Dip=78, Slip=-12; NP2:
                                                                Strike=352, Dip=78, Slip=-168.
30  13 31 43.7& 39.591 N   29.663 E   13                    4  TURKEY. <ISK>. MD 2.7 (ISK).
30  13 40 29.6* 2.191 N  128.264 E  100 *  4.0      0.8   11  HALMAHERA, INDONESIA
30  14 05 41.8? 9.51  N   57.87  E   10 G          1.2    8  CARLSBERG RIDGE
30  14 30 25.4  24.012 S  179.969 W  560 *  4.5      1.0   52  SOUTH OF FIJI ISLANDS
30  15 56 45.4  55.796 N  110.030 E   10 G  5.3 4.6  0.8  263  LAKE BAYKAL REGION, RUSSIA. Mw 5.2 (HRV). Felt (VI) at
                                                                Verkhnyaya Zaimka; (V) at Xichera; (IV) at Bodaybo and
                                                                Severobaykalsk; (III) at Irkutsk; (II) at Kumora and
                                                                Tyrgana.
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Centroid, Moment Tensor (HRV): Centroid origin time 15:56:48.8; Lat 56.03 N; Lon 110.04 E; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=7.50, Plg=1, Azm=134; (N) Val=0.72, Plg=21, Azm=224; (P) Val=-8.22, Plg=69, Azm=40; Best double couple: Mo=7.9*10**16 Nm; NP1: Strike=204, Dip=47, Slip=-119; NP2: Strike=63, Dip=50, Slip=-62.

30	15	56	57.0&	58.950	N	152.940	W	71				67	KODIAK ISLAND REGION. <AEIC>.
30	15	58	06.3&	37.519	N	118.818	W	4				15	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM). ML 3.1 (BRK).
30	16	01	14.1*	55.817	N	110.127	E	10	G		0.8	10	LAKE BAYKAL REGION, RUSSIA
30	16	07	55.0?	13.43	S	165.89	E	122	?	4.2	1.3	22	VANUATU ISLANDS
30	17	01	05.1&	62.730	N	148.680	W	8				49	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
30	17	24	35.2&	42.349	N	19.472	E	19				9	NORTHWESTERN BALKAN REGION. <PDG>. MD 1.6 (PDG).
30	18	42	24.4&	37.060	N	2.580	W	15				11	SPAIN. <MDD>. mbLg 1.8 (MDD).
30	19	00	29.0	15.814	S	174.798	W	174	*	4.8	0.9	64	TONGA ISLANDS
30	19	04	25.6&	32.575	N	104.664	W	10	G			19	NEW MEXICO. <SNM-P>. MD 3.9 (SNM). mbLg 3.9 (GS).
30	20	31	57.0&	44.850	N	114.150	W	10	G			7	WESTERN IDAHO. <BSE-P>. ML 3.1 (BSE).
30	22	32	10.8&	37.070	N	3.980	W	0	G			5	SPAIN. <MDD>. mbLg 1.0 (MDD).
30	23	12	38.3*	51.499	N	16.024	E	5	G		0.6	8	POLAND. ML 3.3 (VIE).
30	23	34	37.7&	38.210	S	176.860	E	190				8	NORTH ISLAND, NEW ZEALAND. <WEL>.
30	23	58	44.6&	54.620	N	161.460	W	20				15	ALASKA PENINSULA. <AEIC>. ML 2.8 (AEIC).
31	01	52	20.8&	35.248	N	119.260	W	6	G			6	CENTRAL CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
31	02	11	26.0&	32.535	S	71.690	W	16				12	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.7 (GUC).
31	02	53	15.5&	39.330	N	23.160	E	16				8	AEGEAN SEA. <ATH>. ML 3.1 (ATH).
31	03	22	40.8	43.171	N	144.505	E	71	*	4.1	0.8	28	HOKKAIDO, JAPAN REGION. Felt (III JMA) in the Shizunai area. Felt in many parts of southeastern Hokkaido.
31	03	25	24.6	58.871	S	25.378	W	33	N	4.4	0.9	27	SOUTH SANDWICH ISLANDS REGION
31	03	57	26.5?	21.69	S	178.89	W	534	?	4.7	1.1	14	FIJI ISLANDS REGION
31	04	37	55.9&	39.377	N	28.167	E	10	G			5	TURKEY. <ISK>. MD 2.8 (ISK).
31	04	42	32.3*	2.892	S	139.320	E	33	N	4.0	1.1	7	NEAR NORTH COAST OF IRIAN JAYA
31	04	44	25.5&	47.600	N	2.800	W	5				4	FRANCE. <LDG>. ML 1.7 (LDG).
31	05	11	06.6	36.642	N	142.295	E	33	N	4.0	0.8	14	OFF EAST COAST OF HONSHU, JAPAN
31	05	27	39.0&	36.277	N	118.328	W	5				5	CENTRAL CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
31	08	22	30.6	31.466	S	68.923	W	100	G		1.2	20	SAN JUAN PROVINCE, ARGENTINA. MD 4.1 (GUC).
31	08	22	46.4	12.849	S	166.813	E	151	D	4.9	1.1	106	SANTA CRUZ ISLANDS. Mw 5.2 (HRV).

Centroid, Moment Tensor (HRV): Centroid origin time 08:22:46.2; Lat 13.15 S; Lon 166.94 E; Dep 146.4; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=7.06, Plg=57, Azm=172; (N) Val=0.02, Plg=33, Azm=0; (P) Val=-7.08, Plg=4, Azm=268; Best double couple: Mo=7.1*10**16 Nm; NP1: Strike=328, Dip=50, Slip=45; NP2: Strike=205, Dip=57, Slip=130.

31	08	33	05.3&	31.695	S	70.490	W	110				15	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.5 (GUC).
31	08	35	03.8*	40.534	N	42.494	E	10	G	4.2	1.0	10	TURKEY. MD 4.2 (ISK).
31	09	41	38.6&	32.499	S	71.699	W	29				12	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.6 (GUC).
31	10	09	18.0&	37.860	N	21.140	E	5				6	SOUTHERN GREECE. <ATH>. MD 3.2 (ATH).
31	10	23	35.5&	35.925	N	31.624	E	10	G			13	CYPRUS REGION. <ISK>. MD 3.6 (ISK).
31	10	35	09.9&	41.147	N	29.367	E	7				7	TURKEY. <ISK>. MD 2.6 (ISK).
31	10	46	38.9&	35.560	N	26.810	E	24		3.5		7	CRETE. <ATH>. MD 3.8 (ATH).
31	11	12	52.3&	32.257	S	70.292	W	122				13	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.2 (GUC).
31	11	33	35.0?	6.59	S	154.30	E	175	?	4.2	0.9	11	SOLOMON ISLANDS
31	12	07	14.6&	37.600	N	21.250	E	5				8	SOUTHERN GREECE. <ATH>. ML 3.4 (ATH).
31	12	53	19.6&	37.540	N	20.920	E	20				4	IONIAN SEA. <ATH>. MD 3.1 (ATH).
31	12	59	47.7&	14.561	N	60.991	W	5				4	WINDWARD ISLANDS. <FDF>. MG 1.9 (FDF).
31	13	00	30.6	44.773	N	10.513	E	10	G		1.1	43	NORTHERN ITALY. ML 3.4 (LDG), 3.2 (VIE), 2.9 (STR).
31	13	06	13.2&	34.470	S	70.419	W	3				10	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.3 (GUC).
31	13	24	40.9	36.754	N	5.290	E	10	G	4.2	1.1	105	NORTHERN ALGERIA
31	13	52	56.3&	41.125	N	35.625	E	5				4	TURKEY. <ISK>. MD 3.0 (ISK).
31	14	03	40.7&	48.300	N	3.300	W	2				9	FRANCE. <LDG>. ML 2.9 (LDG).
31	14	17	06.9&	37.020	N	21.580	E	5				7	SOUTHERN GREECE. <ATH>. MD 2.8 (ATH).
31	14	19	45.3*	30.503	N	138.890	E	424	*	4.0	0.6	14	SOUTH OF HONSHU, JAPAN
31	15	12	26.0&	17.279	N	100.818	W	5				9	GUERRERO, MEXICO. <UNM>. MD 3.9 (UNM).
31	15	54	03.1*	51.814	N	7.950	E	10	G		1.0	6	GERMANY. ML 2.5 (UCC).
31	16	27	21.3&	37.522	N	118.825	W	4				11	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM).
31	16	29	38.4&	58.342	N	152.135	W	32				30	KODIAK ISLAND REGION. <AEIC>. ML 2.7 (AEIC).
31	16	52	30.5	58.556	S	25.400	W	33	N	4.6	0.8	20	SOUTH SANDWICH ISLANDS REGION
31	17	02	57.9&	32.222	S	70.055	W	117				12	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.0 (GUC).
31	17	08	50.6&	16.227	N	98.532	W	18				11	NEAR COAST OF GUERRERO, MEXICO. <UNM>. MD 4.1 (UNM).
31	17	24	03.9&	63.179	N	150.495	W	116				36	CENTRAL ALASKA. <AEIC>.
31	18	16	31.3*	34.527	N	136.900	E	339		3.1	0.9	10	WESTERN HONSHU, JAPAN
31	18	46	03.2&	16.220	N	98.142	W	5				7	NEAR COAST OF GUERRERO, MEXICO. <UNM>. MD 3.8 (UNM).
31	19	11	30.3	29.272	N	52.003	E	33	N	4.5	1.1	49	SOUTHERN IRAN
31	19	15	36.7	25.807	S	140.189	E	10	G		0.6	9	QUEENSLAND, AUSTRALIA
31	19	34	50.5	55.798	N	110.169	E	10	G	4.5 4.7	1.0	59	LAKE BAYKAL REGION, RUSSIA. Mw 5.0 (HRV). Felt (V) at Verkhnyaya Zaimka; (IV) at Kichera; (III) at Nizhneangarsk and Severobaykalsk; (II) at Uoyan.

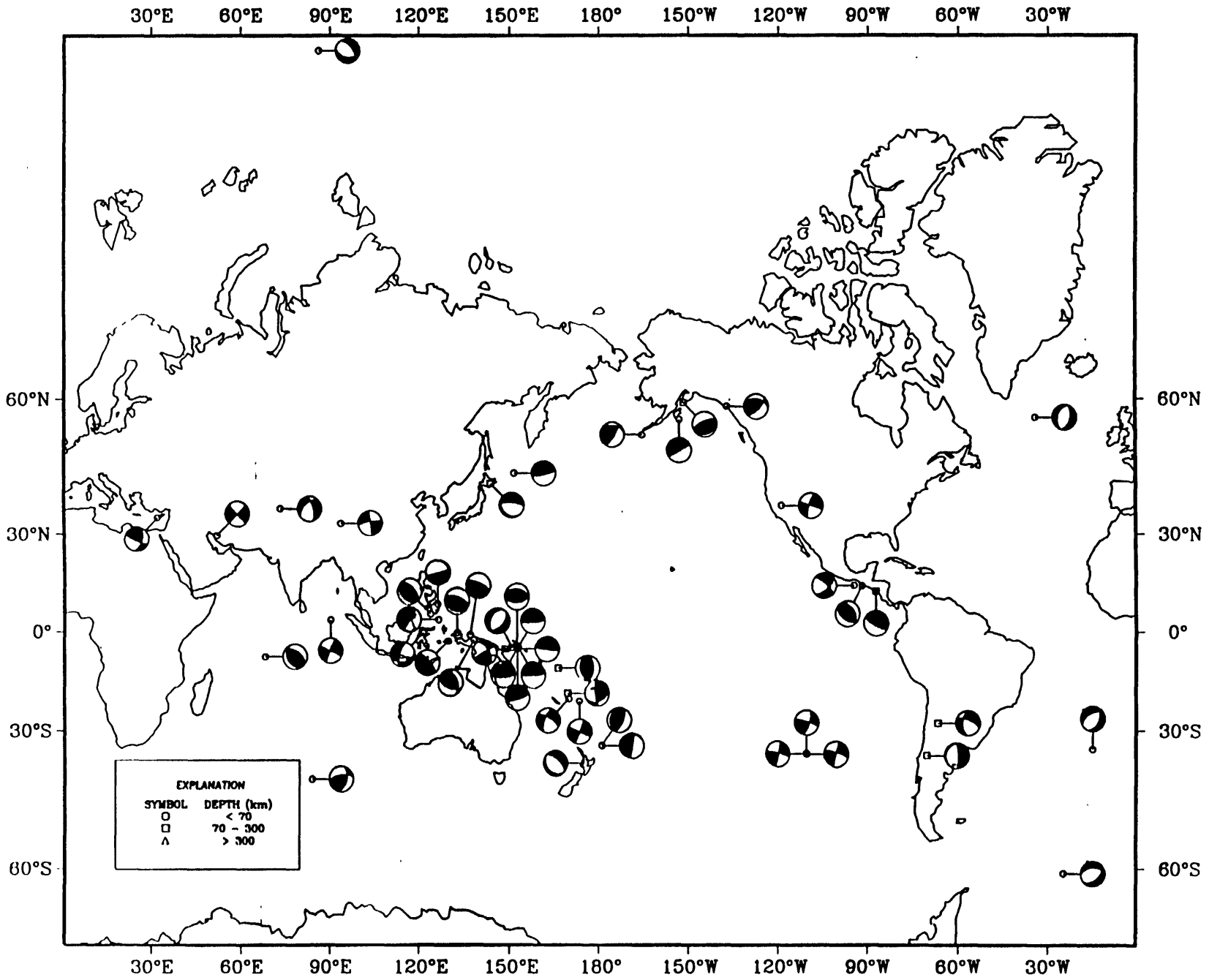
Centroid, Moment Tensor (HRV): Centroid origin time 19:34:52.7; Lat 55.99 N; Lon 110.00 E; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=3.43, Plg=19, Azm=180; (N) Val=1.60, Plg=9, Azm=87; (P) Val=-5.02, Plg=69, Azm=332; Best double couple: Mo=4.2*10**16 Nm; NP1: Strike=285, Dip=27, Slip=-69; NP2: Strike=82, Dip=64, Slip=-100.

31	19	58	13.6*	5.911	S	129.196	E	237	*	4.6	0.6	10	BANDA SEA
31	19	59	26.2	29.021	N	98.614	E	52	*	4.8 4.2	0.8	144	XIZANG
31	20	16	11.2*	31.601	S	179.730	E	450	G	4.2	0.7	18	KERMADEC ISLANDS REGION
31	20	33	41.5*	55.751	N	110.143	E	10	G	3.6	1.3	13	LAKE BAYKAL REGION, RUSSIA
31	21	06	23.1*	28.842	N	131.201	E	33	N	4.0	1.3	14	SOUTHEAST OF RYUKYU ISLANDS
31	21	38	57.9*	55.697	N	110.428	E	10	G	3.7	1.2	12	LAKE BAYKAL REGION, RUSSIA
31	21	59	31.5*	31.842	N	141.711	E	33	N		1.0	8	SOUTH OF HONSHU, JAPAN
31	22	36	47.7&	33.164	S	70.254	W	1				10	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.4 (GUC).
31	22	49	08.5?	7.25	S	129.25	E	156	?	4.5	1.3	10	BANDA SEA

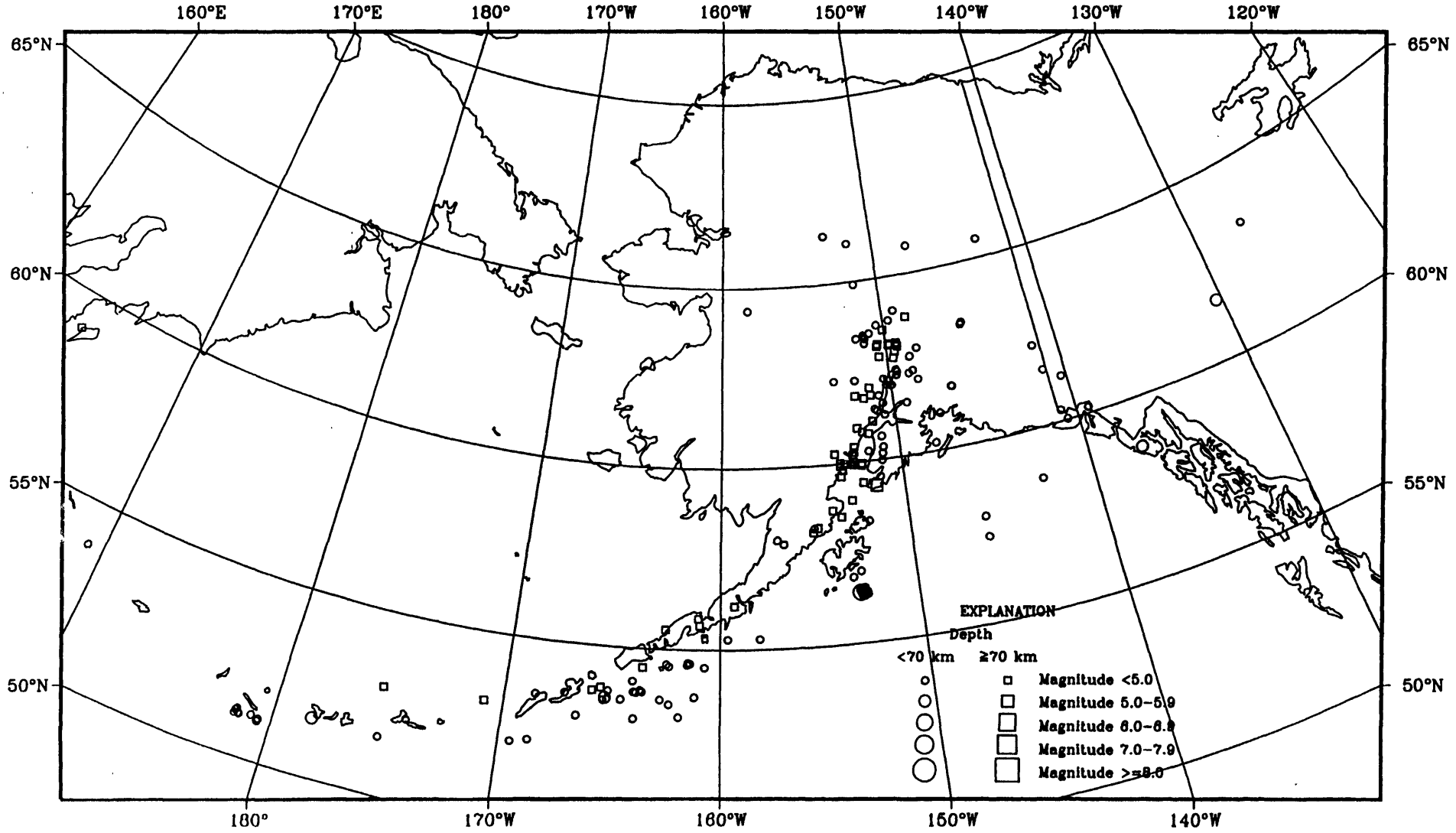
31 23 17 17.1 50.530 N 18.831 E 5 G 1.2 10 POLAND. ML 2.9 (VIE), 2.8 (WAR).

Compiled by John J. Bellini, Pamela J. Benfield, Don L. Blakeman, Charles G. Bufe, George L. Choy, Stuart K. Koyanagi, Brian C. Lassige, Alena L. Leeds, John H. Minsch, Waverly J. Person, Bruce W. Presgrave, Stuart A. Sipkin, William K. Smith, Trina F. Vithayathil and Madeleine D. Zirbes.

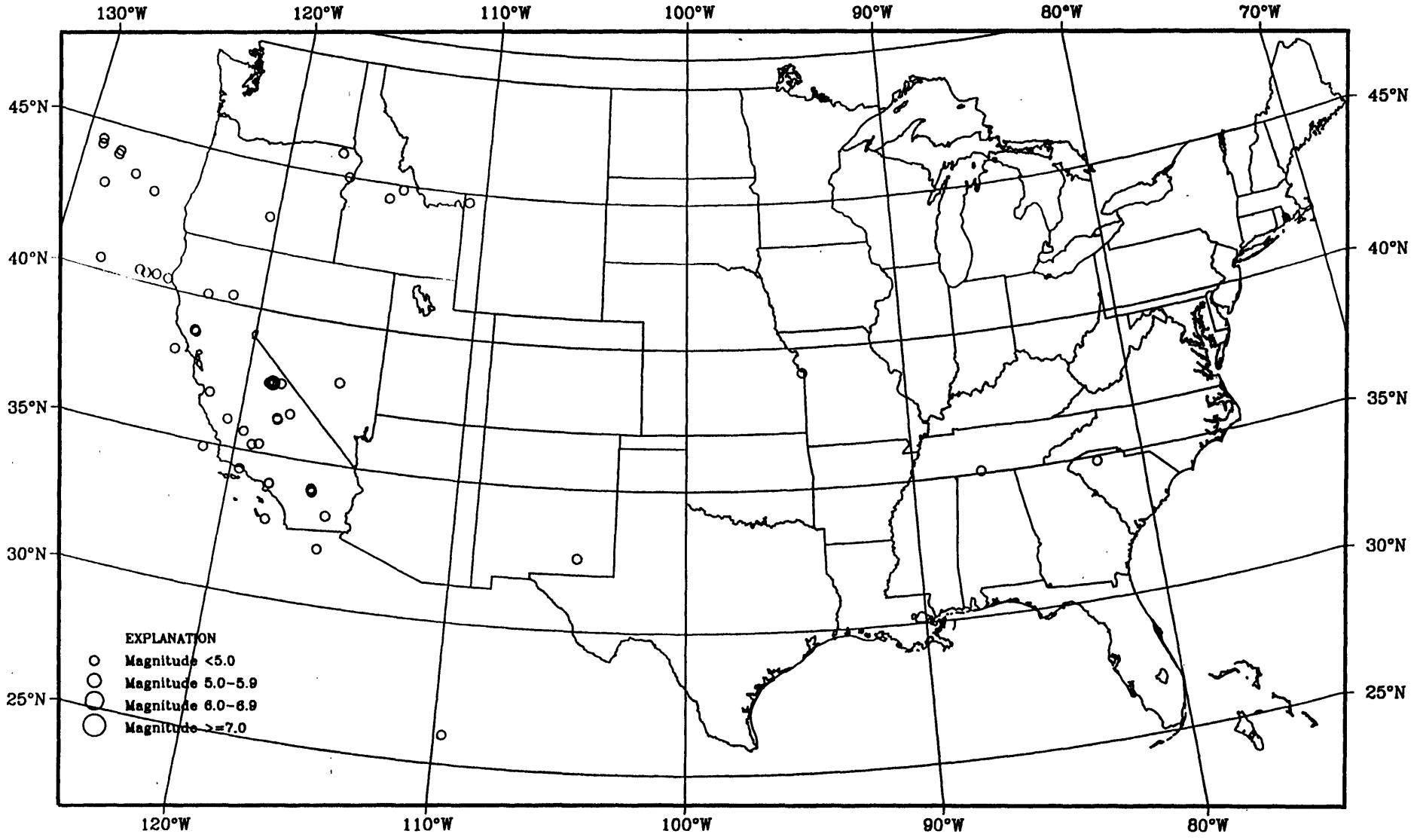
Earthquake Focal Mechanisms for May 1999



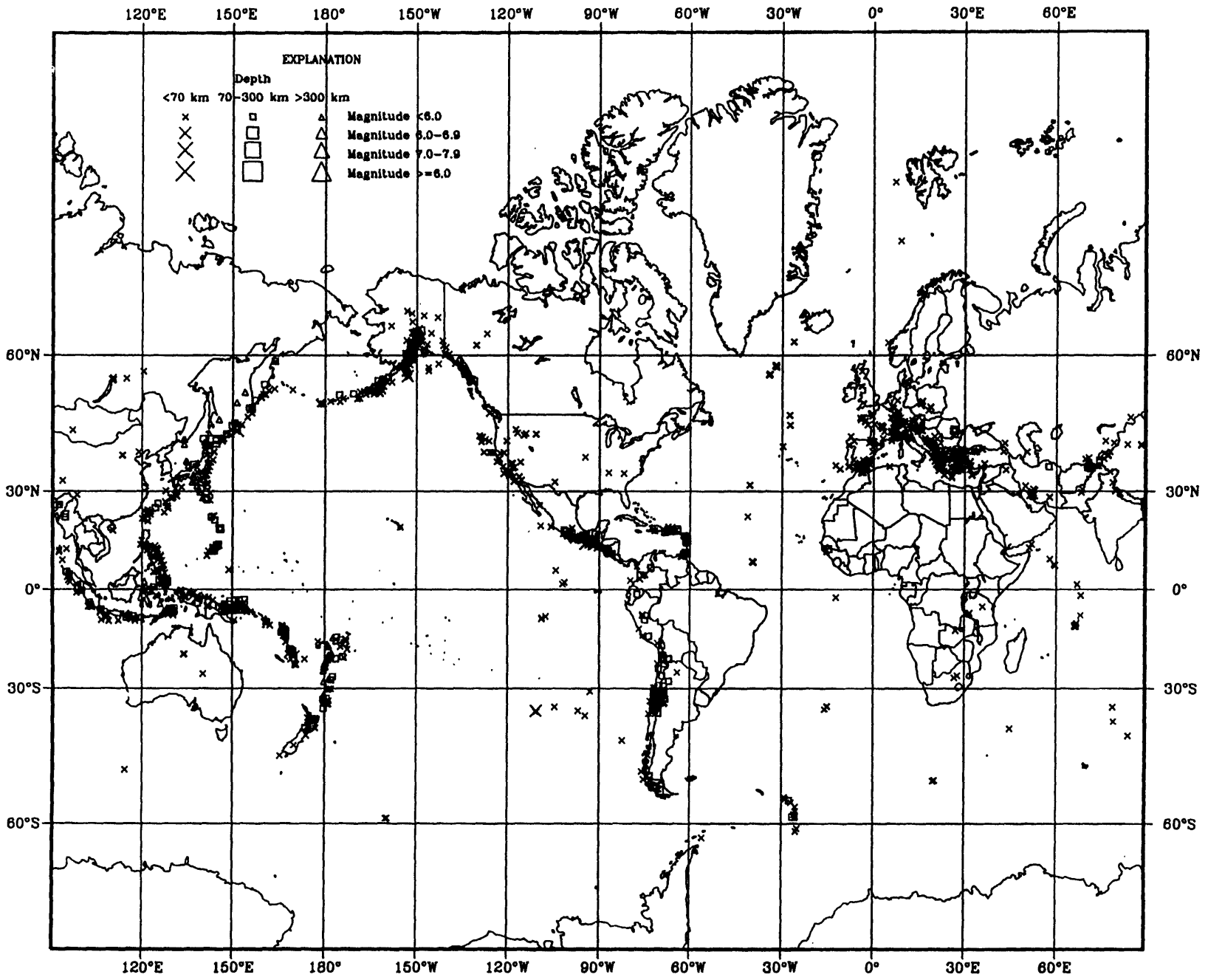
Earthquake epicenters in Alaska and adjacent regions for May 1999



Earthquake epicenters in the conterminous United States and adjacent regions for May 1999



Earthquakes located worldwide in May 1999



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 1999

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	49	05.8?	5.16 S	152.27 E	65 *	4.7		1.1	9	NEW BRITAIN REGION, P.N.G.
01	00	58	04.2&	36.800 N	5.570 W	8				13	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.2 (MDD).
01	01	09	59.4	24.064 N	121.812 E	33 N	4.2		0.7	12	TAIWAN
01	02	11	42.7%	39.319 N	28.241 E	10 G			0.6	6	TURKEY. MD 3.1 (ISK).
01	02	53	43.8&	39.369 N	28.174 E	6				5	TURKEY. <ISK>. MD 2.8 (ISK).
01	03	04	35.7*	55.648 S	124.264 W	10 G	4.8		0.8	47	SOUTHERN EAST PACIFIC RISE
01	03	08	52.4	55.680 S	123.955 W	10 G	4.8	4.9	0.8	59	SOUTHERN EAST PACIFIC RISE. Mw 5.3 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 03:09:01.6; Lat 55.79 S; Lon 124.05 W; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**17 Nm): (T) Val=1.02, Plg=26, Azm=184; (N) Val=0.11, Plg=0, Azm=274; (P) Val=-1.14, Plg=64, Azm=4; Best double couple: Mo=1.1*10**17 Nm; NP1: Strike=273, Dip=19, Slip=-90; NP2: Strike=94, Dip=71, Slip=-90.
01	03	19	16.7&	32.222 S	70.407 W	99				12	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.6 (GUC).
01	03	31	04.3&	39.391 N	28.094 E	10 G				4	TURKEY. <ISK>. MD 2.8 (ISK).
01	03	40	44.4*	33.404 N	137.134 E	398 *	3.0		0.6	9	NEAR S. COAST OF HONSHU, JAPAN
01	03	50	18.3*	56.258 N	152.527 W	33 N	3.4		1.1	19	KODIAK ISLAND REGION
01	03	54	50.2&	39.461 N	27.911 E	10				6	TURKEY. <ISK>. MD 2.8 (ISK).
01	03	56	25.1&	37.030 N	5.320 W	11				16	SPAIN. <MDD>. mbLg 2.6 (MDD).
01	04	26	50.3&	38.260 S	176.110 E	191				15	NORTH ISLAND, NEW ZEALAND. <WEL>.
01	04	57	59.4&	63.267 N	150.990 W	7				24	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC), 2.7 (PMR).
01	05	31	50.0&	49.150 N	6.850 E	1				5	GERMANY. <FBB>. ML 2.0 (FBB), 1.9 (UCC).
01	06	02	48.7	1.722 N	127.292 E	116 ?	4.5		0.6	29	HALMAHERA, INDONESIA
01	07	41	33.2?	16.20 S	177.27 W	33 N	4.4		0.7	13	FIJI ISLANDS REGION
01	07	58	54.1&	39.632 N	29.295 E	9				6	TURKEY. <ISK>. MD 2.8 (ISK).
01	08	23	09.4?	34.07 S	179.90 W	33 N	4.6		0.7	10	SOUTH OF KERMADEC ISLANDS
01	08	24	22.8*	41.702 N	127.039 W	10 G	3.6		0.7	11	OFF COAST OF NORTHERN CALIFORNIA
01	08	28	01.3	41.723 N	126.962 W	10 G	4.6	4.2	1.0	129	OFF COAST OF NORTHERN CALIFORNIA
01	08	31	44.6&	39.493 N	29.248 E	9				4	TURKEY. <ISK>. MD 2.7 (ISK).
01	08	38	26.6	41.680 N	127.052 W	10 G	3.8		1.1	42	OFF COAST OF NORTHERN CALIFORNIA
01	08	47	56.8*	12.228 N	57.775 E	10 G	4.6		0.9	12	ARABIAN SEA
01	09	07	05.9&	19.504 N	102.293 W	79				5	MICHOACAN, MEXICO. <UNM>. MD 3.6 (UNM).
01	09	31	32.6?	57.00 S	27.22 W	33 N	4.9		1.0	9	SOUTH SANDWICH ISLANDS REGION
01	09	34	06.5*	3.994 S	143.056 E	33 N	4.0		1.2	11	NEAR N COAST OF NEW GUINEA, PNG.
01	09	52	40.5&	37.000 S	177.790 E	94				16	OFF E. COAST OF N. ISLAND, N.Z. <WEL>.
01	10	50	58.6	41.619 N	127.091 W	10 G	3.7		0.7	24	OFF COAST OF NORTHERN CALIFORNIA
01	11	06	25.7&	40.871 N	27.950 E	10 G				6	TURKEY. <ISK>. MD 3.1 (ISK).
01	11	23	57.4&	59.801 N	153.259 W	118				23	SOUTHERN ALASKA. <AEIC>.
01	11	31	26.7%	11.310 N	60.918 W	33 N			0.9	9	WINDWARD ISLANDS. MD 3.1 (TRN).
01	11	38	57.3&	42.521 N	19.835 E	8				9	NORTHWESTERN BALKAN REGION. <PDG>. MD 1.6 (PDG).
01	11	48	49.4&	34.267 S	70.975 W	75				12	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.6 (GUC).
01	12	14	06.9	6.446 S	147.037 E	42	4.9		0.9	44	EASTERN NEW GUINEA REG., P.N.G.
01	12	26	36.5	31.880 S	68.277 W	123	4.1		1.1	32	SAN JUAN PROVINCE, ARGENTINA. MD 4.3 (GUC).
01	12	40	04.3	35.884 N	115.776 W	5 G			0.8	10	CALIFORNIA-NEVADA BORDER REGION. ML 3.1 (GS), 3.3 (PAS
01	12	49	20.8	36.378 N	70.833 E	82 D	4.9		0.9	114	HINDU KUSH REGION, AFGHANISTAN. Mw 5.1 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 12:49:25.7; Lat 36.78 N; Lon 70.56 E; Dep 76.7; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T Val=4.96, Plg=21, Azm=307; (N) Val=-0.80, Plg=33, Azm=51; (P) Val=-4.16, Plg=49, Azm=190; Best double couple: Mo=4.6*10**16 Nm; NP1: Strike=354, Dip=37, Slip=-153; NP2: Strike=242, Dip=74, Slip=-56.
01	13	20	21.9*	33.230 S	178.608 W	33 N	4.7		0.9	18	SOUTH OF KERMADEC ISLANDS
01	13	23	03.3&	63.111 N	150.402 W	113				45	CENTRAL ALASKA. <AEIC>.
01	13	42	54.6*	5.864 S	146.437 E	63 *	4.1		1.1	15	EASTERN NEW GUINEA REG., P.N.G.
01	14	13	19.7*	45.518 N	9.616 E	10 G			1.3	29	NORTHERN ITALY. ML 2.7 (LDG).
01	14	35	05.4&	44.239 N	7.122 E	15				6	NORTHERN ITALY. <GEN>. ML 1.8 (GEN).
01	14	46	06.6*	46.171 N	13.602 E	10 G			1.2	6	AUSTRIA. ML 2.7 (VIE), 2.3 (LJU).
01	14	57	27.1*	49.836 N	18.436 E	10 G			1.1	8	CZECH AND SLOVAK REPUBLICS. ML 3.7 (GRF), 3.2 (VIE), 3.1 (CLL), 3.0 (FUR).

01	15	18	01.8	32.369	N	115.224	W	5	G	5.0	1.2	133	CALIF.-BAJA CALIF. BORDER REGION. Mw 5.0 (HRV). MD 5.1 (ECX). ML 4.9 (PAS). Several buildings damaged in the Ejido Nuevo Leon-Ejido Michoacan de Ocampos area; felt at Mexicali, Baja California. Felt at El Centro, Holtville and San Diego, California. Also felt at Yuma, Arizona. Centroid, Moment Tensor (HRV): Centroid origin time 15:18:02.5; Lat 32.20 N; Lon 115.36 W; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=4.11, Plg=1, Azm=286; (N) Val=-1.09, Plg=13, Azm=16; (P) Val=-3.01, Plg=77, Azm=192; Best double couple: Mo=3.6*10**16 Nm; NP1: Strike=3, Dip=46, Slip=-108; NP2: Strike=208, Dip=47, Slip=-73.
01	15	41	52.4*	0.185	S	123.194	E	127	*	4.1	1.3	11	MINAHASSA PENINSULA, SULAWESI
01	16	27	01.2*	23.067	S	170.293	E	33	N	4.5	1.0	18	LOYALTY ISLANDS REGION
01	17	58	52.8	35.898	N	115.840	W	5	G		0.8	27	CALIFORNIA-NEVADA BORDER REGION. ML 3.3 (PAS).
01	17	59	49.4	6.849	S	129.592	E	173	D	5.0	0.8	105	BANDA SEA. Mw 5.3 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 17:59:50.4; Lat 7.01 S; Lon 129.38 E; Dep 178.5; Half-duration 1.0 sec; Principal axes (scale 10**17 Nm): (T) Val=1.01, Plg=11, Azm=233; (N) Val=0.05, Plg=69, Azm=111; (P) Val=-1.06, Plg=17, Azm=327; Best double couple: Mo=1.0*10**17 Nm; NP1: Strike=9, Dip=70, Slip=-4; NP2: Strike=101, Dip=86, Slip=-160.
01	19	43	09.0&	37.560	N	118.795	W	5				16	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.2 (GM). ML 3.2 (BRK).
01	20	02	36.1*	10.846	S	165.843	E	33	N	4.3	1.1	20	SANTA CRUZ ISLANDS
01	20	43	45.5*	0.218	N	127.797	E	33	N	4.4	1.1	8	HALMAHERA, INDONESIA
01	20	49	01.0&	38.040	N	21.030	E	5				7	GREECE. <ATH>. ML 3.5 (ATH).
01	21	42	14.0	4.343	N	73.616	W	33	N	4.7	1.0	63	COLOMBIA. ML 5.1 (RSNC). Felt at Bogota and in much of central Colombia.
01	21	44	01.3&	33.160	S	70.849	W	12				5	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.3 (GUC).
01	22	40	07.5%	15.914	N	98.886	W	10	G		0.9	10	OFF COAST OF GUERRERO, MEXICO. MD 4.1 (UNM).
01	23	57	34.8?	27.86	S	177.43	W	159	?	4.6	1.1	16	KERMADEC ISLANDS REGION
02	00	23	19.4	0.053	N	123.484	E	161	D	5.8	0.9	253	MINAHASSA PENINSULA, SULAWESI. Mw 5.7 (GS), 5.7 (HRV). Felt (IV) at Luwuk, (III) at Gorontalo and (II) at Manado. Moment Tensor (GS): Dep 130; Principal axes (scale 10**17 Nm): (T) Val=3.39, Plg=67, Azm=0; (N) Val=0.21, Plg=7, Azm=255; (P) Val=-3.60, Plg=22, Azm=162; Best double couple: Mo=3.5*10**17 Nm; NP1: Strike=239, Dip=24, Slip=73; NP2: Strike=78, Dip=68, Slip=97. Centroid, Moment Tensor (HRV): Centroid origin time 00:23:21.3; Lat 0.18 N; Lon 123.72 E; Dep 135.3; Half-duration 1.7 sec; Principal axes (scale 10**17 Nm): (T) Val=3.86, Plg=63, Azm=28; (N) Val=0.02, Plg=16, Azm=263; (P) Val=-3.88, Plg=21, Azm=167; Best double couple: Mo=3.9*10**17 Nm; NP1: Strike=231, Dip=28, Slip=54; NP2: Strike=90, Dip=67, Slip=107.
02	00	31	43.5*	73.125	N	6.197	E	10	G	4.9 4.2	1.4	30	GREENLAND SEA
02	01	32	49.8?	36.96	S	95.93	W	10	G	4.2	1.1	14	WEST CHILE RISE
02	01	50	31.6&	37.020	N	5.720	W	14				10	SPAIN. <MDD>. mbLg 2.3 (MDD).
02	02	18	54.8%	43.955	N	5.894	E	10	G		0.4	5	NEAR SOUTH COAST OF FRANCE. ML 1.9 (LDG).
02	02	52	38.1	45.472	N	151.001	E	33	N	4.7 4.1	0.7	83	KURIL ISLANDS
02	04	03	09.5&	60.541	N	150.697	W	39				21	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.7 (AEIC).
02	04	07	44.5*	5.941	S	146.600	E	70	*	3.8	1.6	12	EASTERN NEW GUINEA REG., P.N.G.
02	07	07	55.1&	36.750	N	21.620	E	9				7	SOUTHERN GREECE. <ATH>. ML 3.4 (ATH).
02	07	09	07.1&	39.228	N	27.042	E	9				4	TURKEY. <ISK>. MD 2.8 (ISK).
02	07	21	40.0*	6.766	S	129.847	E	68	?	4.5	1.1	20	BANDA SEA
02	07	29	48.7*	25.421	S	179.488	W	424	*	4.5	1.2	33	SOUTH OF FIJI ISLANDS
02	07	34	41.5	20.858	S	179.002	W	644		5.0	0.7	161	FIJI ISLANDS REGION. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 07:34:42.9; Lat 20.81 S; Lon 178.71 W; Dep 644.3; Half-duration 1.1 sec; Principal axes (scale 10**17 Nm): (T) Val=1.13, Plg=22, Azm=128; (N) Val=0.19, Plg=3, Azm=219; (P) Val=-1.32, Plg=68, Azm=315; Best double couple: Mo=1.2*10**17 Nm; NP1: Strike=213, Dip=23, Slip=-97; NP2: Strike=40, Dip=67, Slip=-87.
02	07	42	33.9?	53.05	S	26.52	E	10	G	3.9	1.0	9	SOUTH OF AFRICA
02	08	15	01.9&	54.557	N	162.942	W	80				9	ALASKA PENINSULA. <AEIC>.
02	08	27	21.0&	39.377	N	27.264	E	14				4	TURKEY. <ISK>. MD 2.8 (ISK).
02	08	45	02.8&	37.257	N	121.639	W	7				9	CENTRAL CALIFORNIA. <GM-P>. MD 2.8 (GM).
02	08	49	18.1&	33.540	S	71.065	W	65				12	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 2.1 (GUC).
02	08	51	48.7*	45.275	N	153.067	E	33	N	3.9	1.2	18	EAST OF KURIL ISLANDS
02	09	51	37.5?	7.27	N	125.82	E	33	N	4.3	0.6	14	MINDANAO, PHILIPPINE ISLANDS
02	09	58	47.6	39.643	N	117.816	W	5	G		1.1	8	NEVADA. ML 3.0 (GS).
02	10	25	03.1&	61.674	N	150.359	W	43				51	SOUTHERN ALASKA. <AEIC>. ML 3.5 (AEIC), 3.8 (PMR). Felt (III) at Big Lake. Also felt in the Anchorage area.
02	10	37	00.0	38.787	N	14.143	E	10	G	4.2	1.1	31	SICILY
02	10	50	32.9&	39.707	N	29.647	E	10	G			4	TURKEY. <ISK>. MD 2.6 (ISK).
02	10	56	48.9&	39.557	N	29.463	E	10				4	TURKEY. <ISK>. MD 2.7 (ISK).
02	12	51	01.1*	55.732	N	110.365	E	10	G	3.6	1.0	9	LAKE BAYKAL REGION, RUSSIA
02	13	19	07.2	8.761	N	93.882	E	60	?	4.5	1.0	33	NICOBAR ISLANDS, INDIA
02	13	54	08.5&	54.851	N	160.550	W	0				19	ALASKA PENINSULA. <AEIC>. ML 3.0 (AEIC).
02	13	57	09.1&	40.712	N	30.004	E	14				5	TURKEY. <ISK>. MD 2.9 (ISK).
02	14	03	13.3&	40.680	N	29.995	E	10	G			4	TURKEY. <ISK>. MD 2.6 (ISK).
02	15	13	26.7	37.887	N	116.004	W	5	G		1.4	13	SOUTHERN NEVADA. ML 3.7 (GS). Small foreshock about 24 seconds prior to this event.
02	16	06	47.5&	34.861	S	71.033	W	85				7	NEAR COAST OF CENTRAL CHILE. <GUC>.
02	16	16	41.3*	6.777	S	154.935	E	93	?	4.1	1.9	20	SOLOMON ISLANDS
02	16	40	55.9	44.645	N	34.653	E	10	?		1.3	15	CRIMEA REGION, UKRAINE
02	17	10	36.4&	33.133	S	70.279	W	4				10	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.2 (GUC).
02	17	39	51.8*	51.831	N	175.292	W	33	N	3.8	1.9	14	ANDREANOF ISLANDS, ALEUTIAN IS.
02	18	36	49.4	41.068	N	2.985	E	10	G		1.0	11	SPAIN. ML 2.5 (LDG). mbLg 2.5 (MDD).
02	19	00	02.2&	36.900	N	3.540	W	0	G			5	STRAIT OF GIBRALTAR. <MDD>. mbLg 1.6 (MDD).

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02  19 06 34.0* 30.136 N   67.753 E   33 N  4.5       1.4   19  PAKISTAN
02  19 33 23.2& 38.160 N   22.160 E   35                     8  GREECE. <ATH>. MD 3.0 (ATH).
02  20 31 45.8& 38.480 S  175.860 E  178                    14  NORTH ISLAND, NEW ZEALAND. <WEL>.
02  21 26 30.8& 40.455 N  124.641 W   21                    13  NEAR COAST OF NORTHERN CALIF. <GM-P>. Mw 3.9 (BRK). ML 3.5
                                                                 (GM), 3.5 (BRK). Felt in the Honeydew-Petrolia area.
                                                                Moment Tensor (BRK): Dep 11; Principal axes (scale 10**14
                                                                 Nm): (T) Val=8.26, Plg=24, Azm=68; (N) Val=0.00, Plg=63,
                                                                 Azm=275; (P) Val=-8.26, Plg=11, Azm=163; Best double
                                                                 couple: Mo=8.3*10**14 Nm; NP1: Strike=114, Dip=81,
                                                                 Slip=155; NP2: Strike=208, Dip=65, Slip=10.
02  21 32 49.1  37.857 N  115.985 W    5 G           0.5   11  SOUTHERN NEVADA. ML 3.5 (GS).
02  21 58 40.8* 44.309 N  148.578 E   33 N  4.5       1.2   17  KURIL ISLANDS
02  22 21 29.3* 37.901 S   93.462 W   10 G  4.6 4.5   0.9   25  WEST CHILE RISE
02  22 47 50.0* 37.707 N  140.181 E  133 *  4.3       0.9   17  EASTERN HONSHU, JAPAN
03  00 02 32.8  15.299 N   95.606 W   33 N  4.8       1.4   40  NEAR COAST OF OAXACA, MEXICO. MD 4.3 (UNM).
03  00 19 23.2& 43.825 N    7.870 E   10                    16  NEAR SOUTH COAST OF FRANCE. <GEN>. ML 2.4 (LDG).
03  01 01 26.7& 33.419 S   71.310 W   59                     9  NEAR COAST OF CENTRAL CHILE. <GUC>. MD 2.2 (GUC).
03  01 22 30.9% 20.680 S   67.937 E   10 G           0.6    6  MID-INDIAN RIDGE
03  02 06 58.2& 37.550 N   21.150 E    5                     9  SOUTHERN GREECE. <ATH>. ML 3.5 (ATH).
03  03 17 29.2& 17.049 N   99.984 W   51                     5  GUERRERO, MEXICO. <UNM>. MD 3.7 (UNM).
03  03 32 59.4& 37.530 N  118.818 W    7                    24  CALIFORNIA-NEVADA BORDER REGION. <GM-P>. ML 3.8 (GM), 3.8
                                                                 (BRK).
03  03 46 42.9& 40.683 N   29.952 E   10 G                    8  TURKEY. <ISK>. MD 3.0 (ISK).
03  03 50 37.7* 29.347 N   51.845 E   33 N  4.4       0.9   22  SOUTHERN IRAN
03  03 54 30.6& 16.640 N  100.548 W    5                     8  NEAR COAST OF GUERRERO, MEXICO. <UNM>. MD 4.0 (UNM).
03  03 58 57.0& 40.709 N   30.015 E    5                     5  TURKEY. <ISK>. MD 2.5 (ISK).
03  04 21 30.3& 34.574 S   72.388 W   20                     8  NEAR COAST OF CENTRAL CHILE. <GUC>.
03  04 45 11.6& 48.300 N    9.000 E    2                    21  GERMANY. <LDG>. ML 2.4 (LDG), 2.3 (FUR), 2.0 (FBB).
03  05 39 32.2& 32.668 S   71.682 W   14                    11  NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.2 (GUC).
03  05 54 15.8  44.232 N   15.245 E   10 G           1.0   32  NORTHWESTERN BALKAN REGION. ML 3.3 (LDG), 3.0 (TRI), 3.0
                                                                 (LJU).
03  06 48 57.6  41.243 N   20.903 E   10 G           0.8   13  ALBANIA. MD 3.4 (PDG), 3.4 (ATH). Felt (IV) at Ohrid, former
                                                                 Yugoslav Republic of Macedonia.
03  06 55 37.0& 49.160 N    6.850 E    1 G                   11  GERMANY. <FBB>. ML 2.5 (UCC), 2.4 (FBB).
03  07 02 38.5  28.781 N  140.641 E  138 *  4.6       0.9   51  BONIN ISLANDS REGION
03  08 06 26.6& 37.590 N   27.280 E    5                     5  TURKEY. <ATH>. MD 3.7 (ATH).
03  08 28 16.8& 37.320 N   20.780 E    5                     4  IONIAN SEA. <ATH>. MD 3.4 (ATH).
03  09 08 45.0*  6.380 S  129.895 E  107 *  4.3       1.2   20  BANDA SEA
03  09 13 33.5* 26.087 S  179.675 W  440 ?  4.6       1.2   46  SOUTH OF FIJI ISLANDS
03  09 51 03.9& 40.394 N   28.835 E   10 G                    6  TURKEY. <ISK>. MD 2.6 (ISK).
03  10 57 20.6& 32.613 S   71.719 W   15                    12  NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.3 (GUC).
03  10 58 44.1% 26.713 N   55.182 E   33 N           0.6    9  SOUTHERN IRAN
03  11 09 45.0*  8.469 S   38.559 E   33 N  4.7       1.2   10  TANZANIA
03  11 30 27.2& 39.319 N   27.588 E    5                     4  TURKEY. <ISK>. MD 2.7 (ISK).
03  11 41 27.0& 20.016 N  155.547 W   38    3.9             48  HAWAII. <HVO-P>. MD 4.4 (HVO). Felt at Kailua-Kona and
                                                                 Waimea.
03  11 48 59.0& 39.306 N   27.591 E    9                     6  TURKEY. <ISK>. MD 2.9 (ISK).
03  11 50 32.9& 39.276 N   27.717 E    9                     7  TURKEY. <ISK>. MD 3.2 (ISK).
03  11 51 26.2? 36.36  N   71.08  E  280 ?  3.2       1.1    6  AFGHANISTAN-TAJIKISTAN BORD REG.
03  12 02 37.1& 53.442 N  165.321 W   19    3.2              7  FOX ISLANDS, ALEUTIAN ISLANDS. <AEIC>. ML 3.6 (AEIC).
03  12 12 19.4& 39.270 N   27.678 E   11                    10  TURKEY. <ISK>. MD 3.4 (ISK).
03  12 42 32.1& 47.920 N    7.800 E    8                    12  SWITZERLAND. <STR>. ML 2.0 (LDG), 1.9 (STR), 1.7 (FBB).
03  12 54 33.2& 39.237 N   27.194 E   12                     4  TURKEY. <ISK>. MD 2.7 (ISK).
03  13 19 38.2   4.460 S  125.188 E  412    4.8       0.7  112  BANDA SEA
03  13 45 23.4* 48.371 S   31.459 E   10 G  5.0       1.1   28  SOUTH OF AFRICA. Mw 5.4 (HRV).
                                                                Centroid, Moment Tensor (HRV): Centroid origin time
                                                                 13:45:26.2; Lat 48.02 S; Lon 32.08 E; Dep 15.0 Fix; Half-
                                                                 duration 1.0 sec; Principal axes (scale 10**17 Nm): (T)
                                                                 Val=1.44, Plg=21, Azm=137; (N) Val=-0.36, Plg=57, Azm=12;
                                                                 (P) Val=-1.08, Plg=24, Azm=237; Best double couple:
                                                                 Mo=1.3*10**17 Nm; NP1: Strike=276, Dip=57, Slip=-3; NP2:
                                                                 Strike=8, Dip=88, Slip=-147.
03  14 07 00.1& 39.200 N   27.014 E   10 G                    4  TURKEY. <ISK>. MD 2.8 (ISK).
03  14 11 23.2& 11.567 N   61.636 W   90                     5  WINDWARD ISLANDS. <TRN>. MD 3.1 (TRN).
03  14 17 32.4   7.010 N   82.006 W   10 G  4.9 4.1   1.0   66  SOUTH OF PANAMA. Mw 5.2 (HRV).
                                                                Centroid, Moment Tensor (HRV): Centroid origin time
                                                                 14:17:36.3; Lat 7.23 N; Lon 82.23 W; Dep 15.0 Fix; Half-
                                                                 duration 1.0 sec; Principal axes (scale 10**16 Nm): (T)
                                                                 Val=6.75, Plg=17, Azm=146; (N) Val=1.30, Plg=66, Azm=281;
                                                                 (P) Val=-8.05, Plg=16, Azm=51; Best double couple:
                                                                 Mo=7.4*10**16 Nm; NP1: Strike=189, Dip=66, Slip=179; NP2:
                                                                 Strike=279, Dip=89, Slip=24.
03  15 35 34.2& 38.293 N  108.921 W    4                    22  COLORADO. <USBR>. ML 3.6 (GS). Felt at Bedrock and Paradox.
03  15 47 54.1& 18.581 N  101.752 W    0                     8  GUERRERO, MEXICO. <UNM>. MD 3.9 (UNM).
03  16 11 43.1  24.451 N  122.355 E   76 D  5.4       0.9  237  TAIWAN REGION. Mw 5.4 (GS), 5.4 (HRV). Felt (IV JMA) at Nan-
                                                                 ao; (III JMA) at Hua-lien and I-lan; (II JMA) at Taipei;  I
                                                                 JMA) at Chia-i, Tai-chung and Tai-tung. Felt in many parts
                                                                 of northern and central Taiwan. Also felt (II JMA) on
                                                                 Iriomote-jima and Yonaguni-jima; (I JMA) on Ishigaki-jima
                                                                 Ryukyu Islands.
                                                                Moment Tensor (GS): Dep 74; Principal axes (scale 10**17
                                                                 Nm): (T) Val=1.30, Plg=61, Azm=9; (N) Val=0.00, Plg=27,
                                                                 Azm=167; (P) Val=-1.30, Plg=9, Azm=262; Best double couple:
                                                                 Mo=1.3*10**17 Nm; NP1: Strike=21, Dip=43, Slip=132; NP2:
                                                                 Strike=149, Dip=60, Slip=58.
                                                                Centroid, Moment Tensor (HRV): Centroid origin time
                                                                 16:11:45.0; Lat 24.36 N; Lon 122.28 E; Dep 84.7; Half-
                                                                 duration 1.2 sec; Principal axes (scale 10**17 Nm): (T)
                                                                 Val=1.47, Plg=45, Azm=29; (N) Val=-0.46, Plg=37, Azm=169;
                                                                 (P) Val=-1.02, Plg=21, Azm=276; Best double couple:
                                                                 Mo=1.2*10**17 Nm; NP1: Strike=51, Dip=41, Slip=158; NP2:
                                                                 Strike=158, Dip=76, Slip=51.
03  16 33 07.0& 34.067 N  116.365 W    2                    32  SOUTHERN CALIFORNIA. <PAS-P>. ML 3.7 (PAS). Felt at Landers.
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03  16 48 11.3& 37.471 N  118.789 W    6                        16  CALIFORNIA-NEVADA BORDER REGION. <GM-P>. ML 3.3 (GM), 3.4
                                                                      (BRK).
03  17 48 26.5* 45.286 N  148.846 E  206 ?  4.1        1.1   29  KURIL ISLANDS
03  17 57 43.8? 24.78  N   60.78  E   10 G  4.5        1.1   25  GULF OF OMAN
03  18 17 06.7& 37.210 N    3.650 W    1                         7  SPAIN. <MDD>. mbLg 2.0 (MDD).
03  18 53 01.2& 39.337 N   27.367 E   11                         5  TURKEY. <ISK>. MD 3.0 (ISK).
03  19 30 59.5* 34.817 N  138.363 E  208     4.5        0.6   17  NEAR S. COAST OF HONSHU, JAPAN
03  20 13 31.0* 52.545 S   26.438 E   10 G  4.5        1.1   12  SOUTH OF AFRICA
03  20 16 53.6& 33.727 S   71.258 W   33                        10  NEAR COAST OF CENTRAL CHILE. <GUC>.
03  20 39 03.8& 33.044 S   72.035 W   13                        11  OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.4 (GUC).
03  21 19 13.1?  4.64  S  152.36  E   75 ?  3.8        1.4    7  NEW BRITAIN REGION, P.N.G.
03  21 36 27.7& 37.537 N  118.805 W    3                        61  CALIFORNIA-NEVADA BORDER REGION. <GM-P>. Mw 4.3 (BRK). ML
                                                                      4.4 (GM), 4.4 (BRK).
                                                                      Moment Tensor (BRK): Dep 4; Principal axes (scale 10**15
                                                                      Nm): (T) Val=3.70, Plg=11, Azm=234; (N) Val=0.00, Plg=49,
                                                                      Azm=131; (P) Val=-3.70, Plg=39, Azm=333; Best double
                                                                      couple: Mo=3.7*10**15 Nm; NP1: Strike=109, Dip=72,
                                                                      Slip=-142; NP2: Strike=5, Dip=54, Slip=-22.
03  21 39 16.1& 37.550 N  118.805 W    5                        30  CALIFORNIA-NEVADA BORDER REGION. <GM-P>. ML 3.3 (GM), 3.4
                                                                      (BRK).
03  21 55 50.5& 38.916 N   27.302 E    8                         7  TURKEY. <ISK>. MD 3.1 (ISK).
03  21 56 17.1& 37.544 N  118.803 W    3                        11  CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM). ML 3.2
                                                                      (BRK).
03  23 18 22.5  19.180 N  145.321 E  189 ?  4.6        0.8   39  MARIANA ISLANDS
04  01 47 39.0& 31.951 S   70.583 W  127                        10  CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.5 (GUC).
04  01 54 36.3& 62.885 N  148.910 W   61                        17  CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC).
04  02 00 41.6& 33.373 S   70.875 W   70                        12  CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.2 (GUC).
04  02 11 40.0& 45.900 N    2.200 E    5                         6  FRANCE. <LDG>. ML 1.7 (LDG).
04  02 26 26.4& 36.070 N    2.620 W    9                         5  STRAIT OF GIBRALTAR. <MDD>. mbLg 2.4 (MDD).
04  02 36 06.2& 44.285 N    7.246 E    4                         6  NORTHERN ITALY. <GEN>. ML 1.5 (GEN).
04  02 47 42.2& 36.230 N    5.580 W    0                         9  STRAIT OF GIBRALTAR. <MDD>. mbLg 2.4 (MDD).
04  03 17 34.7* 53.689 N  164.316 W   33 N  3.7        0.9   14  UNIMAK ISLAND REGION. ML 3.6 (AEIC).
04  04 25 57.1  53.859 N  164.064 W   33 N  5.3 5.3    1.1  264  UNIMAK ISLAND REGION. Mw 5.8 (HRV). ML 5.3 (AEIC). Felt at
                                                                      Cold Bay.
                                                                      Centroid, Moment Tensor (HRV): Centroid origin time
                                                                      04:26:00.8; Lat 53.57 N; Lon 163.82 W; Dep 31.0 Bdy; Half-
                                                                      duration 2.1 sec; Principal axes (scale 10**17 Nm): (T)
                                                                      Val=5.27, Plg=65, Azm=322; (N) Val=0.06, Plg=4, Azm=60; (P)
                                                                      Val=-5.33, Plg=24, Azm=151; Best double couple:
                                                                      Mo=5.3*10**17 Nm; NP1: Strike=249, Dip=21, Slip=100; NP2:
                                                                      Strike=59, Dip=70, Slip=86.
04  04 46 41.3? 24.77  N   63.64  E   33 N          1.3    9  OFF COAST OF PAKISTAN
04  05 55 26.6  53.637 N  163.986 W   33 N  3.9        0.5   20  UNIMAK ISLAND REGION. ML 3.8 (AEIC).
04  06 26 19.1* 20.074 S   66.413 E   10 G  4.3        0.9   16  MAURITIUS-REUNION REGION
04  07 11 46.4& 36.450 N   10.460 W   25                        23  NORTH ATLANTIC OCEAN. <MDD>. mbLg 2.9 (MDD).
04  07 26 50.2  44.182 N   10.860 E   10 G          1.1   33  NORTHERN ITALY. ML 3.2 (VIE), 3.1 (LDG), 2.7 (LJU).
04  08 18 15.7& 35.330 S   71.300 W  103                        13  CENTRAL CHILE. <GUC>. MD 3.1 (GUC).
04  08 54 52.0? 42.52  N  144.20  E   33 N  4.3        1.0    7  HOKKAIDO, JAPAN  REGION
04  09 12 50.0  40.802 N   47.448 E   33 N  5.4 5.0    1.2  305  EASTERN CAUCASUS. Mw 5.5 (CSEM), 5.4 (GS), 5.4 (HRV). Me 5.6
                                                                      (GS). Eighteen people injured, more than 50 houses damaged
                                                                      and estimated 5 million U.S. dollars damage in central
                                                                      Azerbaijan, mostly in the Agdas area. Felt (V) at Xankandi
                                                                      and (III) at Baku, Azerbaijan. Also felt (V) at Goris and
                                                                      Ijevan; (III) at Gyumri, Stepanavan, Vanadzor and Yerevan,
                                                                      Armenia. Felt (IV) at Tbilisi, Georgia and (II) at Derbent,
                                                                      Gunib and Makhachkala, Russia. Also felt in the Ardabil
                                                                      region, Iran.
                                                                      Broadband Source Parameters (GS): Dep 14; NP1: Strike=165,
                                                                      Dip=55, Slip=40; NP2: Strike=49, Dip=58, Slip=138; Radiated
                                                                      energy 5.4*10**12 Nm.
                                                                      Moment Tensor (GS): Dep 12; Principal axes (scale 10**17
                                                                      Nm): (T) Val=1.34, Plg=86, Azm=33; (N) Val=-0.04, Plg=3,
                                                                      Azm=194; (P) Val=-1.30, Plg=1, Azm=284; Best double couple:
                                                                      Mo=1.3*10**17 Nm; NP1: Strike=18, Dip=44, Slip=95; NP2:
                                                                      Strike=191, Dip=46, Slip=85.
                                                                      Centroid, Moment Tensor (HRV): Centroid origin time
                                                                      09:12:51.8; Lat 40.58 N; Lon 47.62 E; Dep 32.7 Fix; Half-
                                                                      duration 1.3 sec; Principal axes (scale 10**17 Nm): (T)
                                                                      Val=1.76, Plg=75, Azm=3; (N) Val=-0.22, Plg=14, Azm=210;
                                                                      (P) Val=-1.54, Plg=7, Azm=118; Best double couple:
                                                                      Mo=1.6*10**17 Nm; NP1: Strike=193, Dip=40, Slip=68; NP2:
                                                                      Strike=40, Dip=53, Slip=107.
                                                                      Moment Tensor (CSEM): Dep 20; Principal axes: (T) Plg=85,
                                                                      Azm=320; (N) Plg=3, Azm=197; (P) Plg=4, Azm=107; Best
                                                                      double couple: Mo=1.8*10**17 Nm; NP1: Strike=194, Dip=41,
                                                                      Slip=86; NP2: Strike=19, Dip=49, Slip=93.
04  10 30 37.3  36.690 N   31.688 E   33 N  4.0        1.4   23  TURKEY. MD 3.8 (ISK).
04  10 49 17.3* 41.059 N   47.503 E   33 N  4.3        1.0   13  EASTERN CAUCASUS
04  11 18 37.4  31.555 S   69.112 W  121     3.9        1.0   23  SAN JUAN PROVINCE, ARGENTINA. MD 4.2 (GUC).
04  11 26 02.7& 34.900 S   70.324 W  150                        12  CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.2 (GUC).
04  11 39 35.7& 39.183 N   27.264 E   10 G                      4  TURKEY. <ISK>. MD 2.7 (ISK).
04  11 39 49.4& 42.980 N    0.700 W   10 G                      6  PYRENEES. <STR>. ML 2.2 (STR).
04  11 51 21.5* 51.098 N  158.039 E   33 N  3.9        1.3   12  NEAR EAST COAST OF KAMCHATKA
04  11 56 09.9* 15.617 S  173.311 W   33 N  4.5 4.5    1.1   53  TONGA ISLANDS
04  12 31 45.3* 23.466 S   20.990 W   10 G  4.4        1.0   19  SOUTH ATLANTIC OCEAN
04  12 49 38.1  50.737 N   16.004 E    5 G              0.9    7  POLAND. ML 3.1 (VIE).
04  13 15 35.7  29.828 N  114.093 W   10 G  4.5        1.2   49  BAJA CALIFORNIA, MEXICO
04  13 28 47.3& 41.175 N   28.833 E   10 G                      4  TURKEY. <ISK>. MD 2.7 (ISK).
04  13 45 35.8   3.873 S  128.490 E  137     4.7        0.9   37  SERAM, INDONESIA
04  13 59 21.9* 36.001 N  141.667 E   33 N  4.1        1.3   24  NEAR EAST COAST OF HONSHU, JAPAN
04  14 32 04.5*  6.449 S  150.433 E   33 N  4.4        1.4   11  NEW BRITAIN REGION, P.N.G.
04  15 09 45.0& 36.980 N  115.170 W    6                        15  CALIFORNIA-NEVADA BORDER REGION. <REN-P>. MD 2.9 (REN). ML
                                                                      3.2 (GS).
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04	16	14	53.5*	28.914	S	71.303	W	33	N			1.2	18	NEAR COAST OF CENTRAL CHILE. Felt (II) at Vallenar.
04	17	05	24.1*	5.710	S	131.249	E	33	N	4.3		1.4	12	BANDA SEA
04	17	29	05.8&	60.483	N	147.363	W	13					24	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
04	18	18	33.2&	34.985	N	119.165	W	10					25	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
04	18	57	05.0*	29.848	N	114.131	W	10	G	4.4		1.2	23	BAJA CALIFORNIA, MEXICO
04	20	45	15.1&	44.663	N	9.329	E	1					39	NORTHERN ITALY. <GEN>. ML 2.6 (GEN), 2.6 (LDG), 2.6 (STR).
04	21	05	58.4*	29.912	N	114.022	W	10	G	4.4		1.3	33	BAJA CALIFORNIA, MEXICO
04	21	29	18.8&	53.407	N	164.588	W	17					6	UNIMAK ISLAND REGION. <AEIC>. ML 3.4 (AEIC).
04	21	32	00.9*	32.512	N	141.897	E	33	N	4.5		1.2	13	SOUTH OF HONSHU, JAPAN
04	21	35	58.1&	36.630	N	27.010	E	11					6	DODECANESE ISLANDS. <ATH>. MD 3.6 (ATH).
04	21	44	05.6&	40.554	N	27.661	E	10	G				6	TURKEY. <ISK>. MD 2.7 (ISK).
04	22	39	27.2&	37.545	N	118.801	W	2					9	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM).
04	23	05	18.8*	12.360	N	144.095	E	44	?	4.5		1.2	26	SOUTH OF MARIANA ISLANDS
04	23	15	04.2&	40.130	N	22.310	E	5					8	GREECE. <ATH>. MD 3.1 (ATH).
04	23	20	17.7*	16.153	N	97.973	W	33	N			1.0	8	OAXACA, MEXICO. MD 3.9 (UNM).
04	23	34	24.9&	37.010	N	4.120	W	0					14	SPAIN. <MDD>. mbLg 2.3 (MDD).
04	23	40	41.5&	33.440	S	71.010	W	65					9	NEAR COAST OF CENTRAL CHILE. <GUC>.
05	00	57	27.6	53.652	N	164.003	W	33	N	4.5		1.3	39	UNIMAK ISLAND REGION. ML 4.3 (PMR), 4.2 (AEIC).
05	01	44	40.2	38.710	N	26.419	E	10	G			1.0	15	AEGEAN SEA. MD 3.6 (ATH), 3.5 (ISK).
05	02	05	22.2*	10.259	N	125.258	E	33	N	4.8		0.9	25	LEYTE, PHILIPPINE ISLANDS
05	02	29	43.3&	44.301	N	7.313	E	16					20	NORTHERN ITALY. <GEN>. ML 2.0 (GEN), 1.8 (LDG), 1.8 (STR).
05	02	32	45.1?	4.64	S	152.29	E	107	?	4.2		1.0	11	NEW BRITAIN REGION, P.N.G.
05	04	22	50.1*	27.403	N	129.615	E	33	N	4.3		1.5	10	RYUKYU ISLANDS
05	04	27	07.9&	40.560	N	27.739	E	10	G				5	TURKEY. <ISK>. MD 2.8 (ISK).
05	04	33	40.2&	43.798	N	8.409	E	6					9	CORSICA. <GEN>. ML 1.9 (GEN).
05	04	33	48.1&	63.142	N	150.582	W	118					40	CENTRAL ALASKA. <AEIC>.
05	04	38	07.1&	33.786	S	70.943	W	74					9	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.5 (GUC).
05	05	19	54.7&	40.815	N	30.180	E	8					4	TURKEY. <ISK>. MD 3.0 (ISK).
05	05	47	00.7*	5.676	S	152.836	E	33	N	4.5		1.3	9	NEW BRITAIN REGION, P.N.G.
05	05	57	52.2*	5.027	S	151.334	E	33	N	4.6		1.5	10	NEW BRITAIN REGION, P.N.G.
05	06	00	24.0*	0.908	S	123.398	E	86	?	4.6		1.4	17	MINAHASSA PENINSULA, SULAWESI
05	06	06	03.0&	46.900	N	5.700	E	2					10	FRANCE. <LDG>. ML 2.0 (LDG).
05	06	19	20.3	38.341	N	22.354	E	33	N	4.3		1.2	130	GREECE. MD 4.2 (ATH).
05	07	15	38.7*	37.098	N	56.507	E	33	N	4.4	3.7	1.3	36	NORTHERN IRAN
05	07	25	15.9&	40.185	N	121.191	W	0					13	NORTHERN CALIFORNIA. <GM-P>. MD 2.8 (GM).
05	07	27	32.4&	35.500	N	27.670	E	3					9	DODECANESE ISLANDS. <ATH>. MD 3.8 (ATH).
05	08	09	27.0&	37.558	N	118.792	W	8					14	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM).
05	08	55	13.1?	27.49	N	129.87	E	33	N	4.1		0.8	9	RYUKYU ISLANDS
05	08	59	57.0*	16.106	S	174.086	W	103	D	4.4		1.2	59	TONGA ISLANDS
05	09	01	49.7&	43.000	N	0.700	W	2					7	PYRENEES. <LDG>. ML 2.2 (STR), 2.1 (LDG).
05	09	11	30.2	53.722	N	164.074	W	33	N	4.7		1.1	73	UNIMAK ISLAND REGION. ML 4.5 (PMR), 4.3 (AEIC).
05	09	21	16.4&	48.000	N	6.800	E	6					9	FRANCE. <LDG>. ML 1.9 (LDG).
05	09	33	20.2&	32.510	S	71.673	W	22					12	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.6 (GUC).
05	09	49	59.2*	38.280	N	140.308	E	146	*	4.3		0.8	13	EASTERN HONSHU, JAPAN
05	10	03	56.6&	44.400	N	8.100	E	2					12	NORTHERN ITALY. <LDG>. ML 2.1 (STR), 2.0 (LDG).
05	10	37	06.3?	21.62	N	143.54	E	275	?	3.9		1.5	11	MARIANA ISLANDS REGION
05	10	39	40.1	45.486	N	150.979	E	33	N	4.9		0.9	66	KURIL ISLANDS
05	11	05	54.7*	47.899	N	10.118	E	10	G			0.9	7	AUSTRIA. ML 2.2 (LDG), 2.1 (VIE).
05	11	46	56.7	43.979	N	83.071	E	33	N	4.6		0.8	43	NORTHERN XINJIANG, CHINA
05	11	50	51.9*	18.520	S	178.144	W	682	?	4.5		0.7	22	FIJI ISLANDS REGION
05	11	56	49.1	25.949	N	124.303	E	206		4.7		1.1	36	NORTHEAST OF TAIWAN. Felt (I JMA) on Iriomote-jima, Ryukyu Islands.
05	12	03	02.3&	44.310	N	7.365	E	14					9	NORTHERN ITALY. <GEN>. ML 1.9 (GEN).
05	12	27	49.6&	37.468	N	118.847	W	8					9	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM).
05	13	15	03.7&	38.880	N	27.780	E	5					7	TURKEY. <ATH>. MD 3.5 (ATH), 3.2 (ISK).
05	13	49	09.6*	4.845	N	126.758	E	100	?	4.4		1.0	21	TALAUD ISLANDS, INDONESIA
05	13	59	57.7&	34.519	S	70.689	W	109					12	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.9 (GUC).
05	14	00	54.3&	46.200	N	7.400	E	2					27	SWITZERLAND. <LDG>. ML 2.5 (LDG), 2.5 (STR).
05	15	08	01.2&	60.228	N	149.539	W	25					41	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.8 (AEIC).
05	15	13	20.4&	37.541	N	118.807	W	9					4	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM).
05	15	17	29.4	37.079	N	115.358	W	5	G			0.8	15	SOUTHERN NEVADA. ML 3.4 (GS).
05	15	19	08.5&	40.757	N	29.923	E	9					8	TURKEY. <ISK>. MD 3.0 (ISK).
05	15	34	27.2&	62.944	N	149.536	W	82		3.5			75	CENTRAL ALASKA. <AEIC>.
05	15	43	31.3*	11.347	N	86.394	W	33	N	4.2		1.1	26	NEAR COAST OF NICARAGUA
05	16	16	41.4*	33.848	N	141.609	E	33	N	4.3		1.1	21	OFF EAST COAST OF HONSHU, JAPAN
05	16	22	25.0*	5.170	S	102.710	E	33	N			0.9	9	SOUTHERN SUMATERA, INDONESIA
05	17	07	06.3&	37.410	N	2.300	W	4					10	SPAIN. <MDD>. mbLg 2.2 (MDD).
05	17	15	12.4*	21.292	N	117.913	E	19	D	4.4		1.5	17	TAIWAN REGION
05	17	42	18.1&	54.984	N	165.849	W	206		3.7			21	FOX ISLANDS, ALEUTIAN ISLANDS. <AEIC>.
05	18	01	33.9*	29.423	N	52.219	E	33	N	4.3		0.8	21	SOUTHERN IRAN
05	18	06	10.3&	47.200	N	9.300	E	2					7	GERMANY. <LDG>. ML 2.1 (LDG), 2.1 (STR).
05	18	48	46.6*	36.301	N	69.936	E	68	?	4.0		1.4	12	HINDU KUSH REGION, AFGHANISTAN
05	19	10	47.7	8.350	N	82.658	W	33	N	4.8	4.3	0.9	79	PANAMA-COSTA RICA BORDER REGION
05	19	31	48.0?	29.66	S	178.40	W	157	?	4.7		1.4	26	KERMADEC ISLANDS, NEW ZEALAND
05	19	57	39.1&	37.620	N	20.880	E	5					5	IONIAN SEA. <ATH>. MD 3.2 (ATH).
05	21	45	40.8	43.004	N	145.408	E	33	N	4.4		0.7	28	HOKKAIDO, JAPAN REGION
05	21	54	31.9&	62.892	N	150.874	W	99					28	CENTRAL ALASKA. <AEIC>.
05	21	54	43.7	4.271	S	142.639	E	106	*	4.7		1.1	22	NEW GUINEA, PAPUA NEW GUINEA
05	22	51	34.2&	40.220	N	21.850	E	10					6	GREECE. <ATH>. MD 3.0 (ATH).
05	23	12	32.2&	32.756	S	71.544	W	15					10	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.2 (GUC).
05	23	25	24.3&	60.244	N	151.869	W	78					39	KENAI PENINSULA, ALASKA. <AEIC>.
06	01	32	05.7&	54.323	N	164.943	W	87					9	UNIMAK ISLAND REGION. <AEIC>.
06	02	07	08.1?	19.67	N	109.26	W	33	N	4.0	3.7	1.1	24	REVILLA GIGEDO ISLANDS REGION
06	02	35	30.0&	35.620	N	26.400	E	36					6	CRETE. <ATH>. MD 3.6 (ATH).
06	03	00	47.3&	34.546	N	32.339	E	12					6	CYPRUS REGION. <CSS>. ML 2.3 (CSS).
06	03	00	48.5&	33.510	S	70.266	W	107					14	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.2 (GUC).
06	03	22	56.8	47.130	N	9.295	E	5	G			0.9	18	GERMANY. ML 2.4 (LDG), 2.4 (STR), 2.2 (VIE).
06	03	37	35.2&	60.798	N	149.924	W	25					39	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.8 (AEIC).
06	03	55	51.2&	59.733	N	152.141	W	76					32	SOUTHERN ALASKA. <AEIC>.
06	04	24	41.8?	19.11	S	169.32	E	172	*	4.0		1.4	11	VANUATU ISLANDS
06	04	26	09.0&	38.710	N	20.890	E	5					12	GREECE. <ATH>. ML 3.6 (ATH).
06	04	33	33.9	8.117	S	67.879	E	10	G	5.0	4.4	1.0	71	MID-INDIAN RIDGE
06	04	46	46.5	32.415	N	141.628	E	33	N	5.1	4.9	0.9	122	SOUTH OF HONSHU, JAPAN. Mw 5.3 (HRV).

Centroid, Moment Tensor (HRV): Centroid origin time 04:46:48.0; Lat 31.98 N; Lon 141.53 E; Dep 15.0 Fix; Half-duration 1.1 sec; Principal axes (scale 10**17 Nm): (T) Val=1.27, Plg=55, Azm=230; (N) Val=-0.35, Plg=19, Azm=350; (P) Val=-0.93, Plg=28, Azm=90; Best double couple: Mo=1.1*10**17 Nm; NP1: Strike=220, Dip=24, Slip=143; NP2: Strike=345, Dip=76, Slip=71.

06	05	02	27.8	32.360	N	141.578	E	33	N	4.8		0.8	82	SOUTH OF HONSHU, JAPAN
06	05	14	37.2&	39.140	N	23.710	E	28					9	AEGEAN SEA. <ATH>. ML 3.1 (ATH).
06	05	25	29.6&	36.810	N	3.030	W	0	G				9	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.1 (MDD).
06	05	32	04.8&	46.300	N	7.400	E	2					15	SWITZERLAND. <LDG>. ML 2.2 (LDG), 2.2 (STR).
06	05	40	39.4&	33.879	S	70.436	W	12					10	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.2 (GUC).
06	05	41	58.2	52.929	N	107.558	E	10	G	4.1		1.3	10	LAKE BAYKAL REGION, RUSSIA. Felt (IV) at Ulan-Ude and (III) at Irkutsk and Tyrgana.
06	05	49	48.4*	32.320	N	141.737	E	33	N	4.2		0.9	19	SOUTH OF HONSHU, JAPAN
06	06	06	34.5&	34.534	S	70.506	W	1					8	CHILE-ARGENTINA BORDER REGION. <GUC>.
06	06	17	50.9&	6.309	N	73.545	W	120					6	NORTHERN COLOMBIA. <RSNC>.
06	06	30	06.5&	46.300	N	7.500	E	2					18	SWITZERLAND. <LDG>. ML 2.3 (LDG), 2.2 (STR).
06	07	03	34.9&	46.300	N	7.400	E	2					22	SWITZERLAND. <LDG>. ML 2.5 (LDG), 2.5 (STR).
06	07	08	05.8	13.897	N	90.768	W	33	N	5.5	5.9	1.3	301	NEAR COAST OF GUATEMALA. Mw 6.3 (GS), 6.3 (HRV). Me 6.1 (GS). MD 5.8 (UNM). Felt in parts of Guatemala and southern Mexico. Also felt in western and central El Salvador, including San Salvador.

Broadband Source Parameters (GS): Dep 40; NP1: Strike=120, Dip=75, Slip=-150; NP2: Strike=22, Dip=61, Slip=-17; Radiated energy 2.7*10**13 Nm.

Moment Tensor (GS): Dep 45; Principal axes (scale 10**18 Nm): (T) Val=2.67, Plg=5, Azm=66; (N) Val=0.01, Plg=40, Azm=161; (P) Val=-2.67, Plg=50, Azm=330; Best double couple: Mo=2.7*10**18 Nm; NP1: Strike=122, Dip=53, Slip=-143; NP2: Strike=7, Dip=61, Slip=-44.

Centroid, Moment Tensor (HRV): Centroid origin time 07:08:13.6; Lat 14.01 N; Lon 91.43 W; Dep 38.0; Half-duration 3.5 sec; Principal axes (scale 10**18 Nm): (T) Val=2.29, Plg=28, Azm=222; (N) Val=0.84, Plg=35, Azm=110; (P) Val=-3.14, Plg=42, Azm=341; Best double couple: Mo=2.7*10**18 Nm; NP1: Strike=3, Dip=37, Slip=-13; NP2: Strike=104, Dip=82, Slip=-126.

06	07	22	22.5&	63.542	N	150.450	W	12					36	CENTRAL ALASKA. <AEIC>. ML 3.0 (AEIC), 3.0 (PMR).
06	10	03	02.0&	34.830	S	70.997	W	107					13	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.4 (GUC).
06	10	04	31.7&	36.550	N	7.550	W	15					10	STRAIT OF GIBRALTAR. <MDD>. mbLg 1.8 (MDD).
06	10	18	01.2&	33.824	S	70.799	W	76					9	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.3 (GUC).
06	10	46	57.2&	36.000	N	2.600	W	15					8	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.4 (MDD).
06	10	57	31.5&	34.447	S	70.412	W	126					12	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.7 (GUC).
06	11	34	37.4*	43.083	N	46.930	E	33	N	4.0		0.8	9	EASTERN CAUCASUS. Felt (III) at Makhachkala.
06	12	01	30.0&	45.537	N	26.289	E	150	G			0.4	8	ROMANIA
06	12	17	34.9&	37.543	N	118.808	W	4					7	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM).
06	13	18	31.8	5.338	S	152.429	E	59	*	4.6		1.0	30	NEW BRITAIN REGION, P.N.G.
06	13	42	12.0&	34.020	N	26.760	E	20					5	CRETE. <ATH>. MD 4.0 (ATH).
06	13	52	07.2&	61.449	N	151.444	W	69					44	SOUTHERN ALASKA. <AEIC>. ML 3.6 (AEIC), 3.8 (PMR).
06	13	54	09.7	46.015	N	14.778	E	10	G			0.9	7	NORTHWESTERN BALKAN REGION. ML 2.2 (VIE), 1.8 (LJU).
06	13	54	45.9&	40.253	N	27.789	E	5					6	TURKEY. <ISK>. MD 2.8 (ISK).
06	14	17	08.5&	35.318	S	70.307	W	177					12	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.5 (GUC).
06	14	20	09.8&	36.920	N	4.640	W	0	G				9	STRAIT OF GIBRALTAR. <MDD>. mbLg 1.7 (MDD).
06	14	36	11.7?	48.96	S	124.73	E	10	G	4.1		1.1	11	SOUTH OF AUSTRALIA
06	14	40	04.6*	76.691	N	10.482	E	10	G	4.0		1.1	13	SVALBARD REGION
06	15	31	22.3&	46.500	N	2.700	E	16					6	FRANCE. <LDG>. ML 1.8 (LDG).
06	16	23	23.9&	44.321	N	7.295	E	14					9	NORTHERN ITALY. <GEN>. ML 2.1 (GEN).
06	16	39	47.0?	34.92	S	109.57	W	10	G	3.9		0.8	10	SOUTHERN EAST PACIFIC RISE
06	16	58	12.9*	13.064	N	90.900	W	33	N	4.2		1.1	28	NEAR COAST OF GUATEMALA. MD 4.5 (UNM).
06	17	51	58.0&	49.150	N	6.860	E	1	G				26	GERMANY. <FBB>. ML 3.2 (GRF), 2.9 (VIE), 2.8 (FBB), 2.5 (FUR). Mining induced event in the Lorraine region, France.
06	17	54	38.8?	6.80	S	67.68	E	10	G	4.7		0.9	11	CARLSBERG RIDGE
06	18	21	27.5&	31.584	S	71.337	W	41					10	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.8 (GUC).
06	18	32	25.8&	39.301	N	27.466	E	10	G				4	TURKEY. <ISK>. MD 2.9 (ISK).
06	20	45	34.6&	33.506	S	70.269	W	107					13	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.0 (GUC).
06	20	51	09.1&	32.336	S	71.423	W	41					9	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.7 (GUC).
06	21	05	44.4*	48.905	S	31.139	E	10	G	4.3		1.0	11	SOUTH OF AFRICA
06	21	32	52.5&	32.311	S	70.981	W	58					9	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.7 (GUC).
06	21	43	26.8&	42.130	N	2.150	W	5					7	SPAIN. <MDD>. ML 2.1 (LDG). mbLg 1.8 (MDD).
06	21	59	10.3&	34.484	S	70.214	W	2					12	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.7 (GUC).
06	21	59	54.6&	42.100	N	1.800	E	2					4	PYRENEES. <LDG>. ML 2.2 (LDG).
06	22	14	07.0&	46.300	N	7.500	E	2					12	SWITZERLAND. <LDG>. ML 2.0 (LDG).
06	22	37	57.0&	35.630	N	27.490	E	5					7	DODECANESE ISLANDS. <ATH>. MD 3.7 (ATH).
06	22	44	10.7&	32.482	S	70.020	W	119					11	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.2 (GUC).
06	22	53	39.5&	43.600	N	7.100	E	2					23	NEAR SOUTH COAST OF FRANCE. <LDG>. ML 2.2 (LDG), 2.1 (STR).
06	23	06	55.0	40.671	N	19.511	E	10	G			1.1	23	ALBANIA. MD 3.1 (PDG).
07	00	03	58.8&	40.260	N	22.000	E	5					5	GREECE. <ATH>. MD 3.0 (ATH).
07	00	24	14.8&	19.168	N	98.959	W	0					13	CENTRAL MEXICO. <UNM>. MD 3.5 (UNM).
07	00	36	43.4&	37.350	N	2.260	W	4					24	SPAIN. <MDD>. mbLg 2.9 (MDD).
07	00	49	42.3	47.633	N	9.284	E	5	G			1.0	11	GERMANY. ML 2.2 (VIE), 2.0 (LDG).
07	01	00	28.2&	37.100	N	3.620	W	0	G				5	SPAIN. <MDD>. mbLg 1.4 (MDD).
07	02	28	37.0&	44.353	N	7.303	E	15					14	NORTHERN ITALY. <GEN>. ML 2.0 (GEN), 1.7 (LDG).
07	03	17	15.6	1.111	N	126.111	E	47	*	4.7		1.1	41	NORTHERN MOLUCCA SEA
07	03	18	34.2&	44.356	N	7.312	E	12					13	NORTHERN ITALY. <GEN>. ML 1.7 (GEN), 1.7 (LDG).
07	03	18	49.0&	44.342	N	7.281	E	15					29	NORTHERN ITALY. <GEN>. ML 2.7 (GEN), 2.2 (LDG), 2.2 (STR).
07	03	21	44.7&	44.334	N	7.278	E	15					14	NORTHERN ITALY. <GEN>. ML 2.1 (GEN), 1.9 (LDG).
07	03	27	15.9&	44.358	N	7.303	E	13					32	NORTHERN ITALY. <GEN>. ML 2.7 (GEN), 2.3 (LDG), 2.3 (STR).
07	03	28	20.4&	32.730	S	72.035	W	26					13	OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.7 (GUC).
07	04	08	11.8&	38.898	N	27.630	E	10	G				6	TURKEY. <ISK>. MD 3.3 (ISK).
07	04	25	57.4&	29.170	N	17.790	W	0	G				4	CANARY ISLANDS REGION. <MDD>. mbLg 2.9 (MDD).
07	04	43	34.6&	61.980	N	149.972	W	43					78	SOUTHERN ALASKA. <AEIC>. ML 3.0 (AEIC), 3.1 (PMR).
07	04	50	37.8?	34.90	S	179.05	E	130	?			1.0	16	SOUTH OF KERMADEC ISLANDS

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07  05 06 37.2* 36.156 N  137.129 E  281              0.9    7  EASTERN HONSHU, JAPAN
07  05 10 02.5& 38.920 N   21.380 E    5                    11  GREECE. <ATH>. MD 3.3 (ATH).
07  06 19 39.8  53.661 N  164.013 W   33 N  3.5       0.5   16  UNIMAK ISLAND REGION
07  06 51 37.2* 31.651 S   68.315 W  100 G            1.0   13  SAN JUAN PROVINCE, ARGENTINA. MD 3.5 (GUC).
07  07 29 17.4& 39.203 N   27.264 E    5                     4  TURKEY. <ISK>. MD 2.8 (ISK).
07  07 31 29.7& 18.144 N   97.580 W   34                    12  CENTRAL MEXICO. <UNM>. MD 3.8 (UNM).
07  07 45 49.0   8.586 N  125.854 E   33 N  5.2 5.4  1.3   72  MINDANAO, PHILIPPINE ISLANDS. Mw 5.7 (HRV). Twelve people
                                                               injured and at least 20 buildings damaged or destroyed (VI
                                                               RF) at Bayugan. Felt (V RF) at Butuan and San Francisco;
                                                               (IV RF) at Hinatuan and Lianga; (II RF) at Bislig and
                                                               Cagayan de Oro; (I RF) on Camiguin.
                                                              Centroid, Moment Tensor (HRV): Centroid origin time
                                                               07:45:50.9; Lat 8.57 N; Lon 126.00 E; Dep 22.8; Half-
                                                               duration 1.7 sec; Principal axes (scale 10**17 Nm): (T)
                                                               Val=3.84, Plg=25, Azm=25; (N) Val=-0.39, Plg=65, Azm=214;
                                                               (P) Val=-3.44, Plg=3, Azm=116; Best double couple:
                                                               Mo=3.6*10**17 Nm; NP1: Strike=163, Dip=70, Slip=16; NP2:
                                                               Strike=68, Dip=75, Slip=160.
07  08 06 06.6  44.236 N  129.167 W   10 G            0.7   57  OFF COAST OF OREGON
07  08 16 03.9& 40.994 N   29.324 E   10                     4  TURKEY. <ISK>. MD 2.7 (ISK).
07  08 17 55.0& 39.282 N   27.722 E   10 G                   4  TURKEY. <ISK>. MD 2.7 (ISK).
07  08 24 03.6* 30.211 N  138.749 E  426 *  3.5       0.9   15  SOUTH OF HONSHU, JAPAN
07  08 32 08.7& 39.528 N   29.656 E   15                     4  TURKEY. <ISK>. MD 2.7 (ISK).
07  08 58 21.5& 39.727 N   29.351 E   10 G                   5  TURKEY. <ISK>. MD 2.7 (ISK).
07  09 01 55.8  73.014 N    5.655 E   10 G  4.5       1.3   46  GREENLAND SEA
07  09 20 33.6   8.456 N  125.824 E   33 N  4.7       1.2   22  MINDANAO, PHILIPPINE ISLANDS
07  09 23 48.4* 72.895 N    5.991 E   10 G  4.0       1.3    9  NORWEGIAN SEA
07  09 25 09.0   8.530 N  125.740 E   33 N  4.5       1.1   15  MINDANAO, PHILIPPINE ISLANDS
07  09 26 52.2  73.039 N    5.996 E   10 G  4.0       0.6    8  GREENLAND SEA
07  09 35 37.1*  6.121 N   95.024 E   33 N  4.4       0.8   17  NICOBAR ISLANDS, INDIA
07  09 46 55.2* 32.256 N  141.578 E   33 N            0.9   12  SOUTH OF HONSHU, JAPAN
07  10 03 13.4& 37.240 N    3.700 W    2                    61  SPAIN. <MDD>. mbLg 3.6 (MDD). Felt (IV) at Albolote, Atarfe,
                                                               Calicasas, Chauchina, Fuente Vaqueros, Lachar, Maracena,
                                                               Peligros, Pinos Puente, Santafe and Trasmulas; (III) at
                                                               Armilla, Chimeneas, Churriana de la Vega, Granada,
                                                               Guevejar, Mala, Tiena la Baja and Valderrubio; (II) at
                                                               Cogollos Vega, Padul and Pulianas; (I) at Alfacar,
                                                               Deifontes, Huetor-Tajar, Illora, Loja, Moraleda de Zafayona
                                                               and Tozar.
07  10 07 45.3& 39.362 N   27.285 E    5                     4  TURKEY. <ISK>. MD 2.7 (ISK).
07  11 38 51.0? 22.22  S  179.62  W  600 G  4.6       1.0   22  SOUTH OF FIJI ISLANDS
07  11 48 03.9& 39.027 N   27.286 E   10 G                   4  TURKEY. <ISK>. MD 2.8 (ISK).
07  12 54 13.8* 73.142 N    6.170 E   10 G  4.5       1.4   15  GREENLAND SEA
07  13 04 46.4? 73.14  N    6.69  E   10 G  4.0       1.4    7  GREENLAND SEA
07  13 07 57.8* 73.069 N    5.770 E   10 G  4.3       1.6   13  GREENLAND SEA
07  13 12 48.0& 63.377 N  147.714 W   12                    27  CENTRAL ALASKA. <AEIC>. ML 3.0 (AEIC), 3.2 (PMR).
07  14 34 34.7& 39.264 N   26.954 E    7                     5  TURKEY. <ISK>. MD 2.9 (ISK).
07  14 41 00.7* 73.082 N    6.031 E   10 G  4.3       1.4   16  GREENLAND SEA
07  15 45 02.3? 17.22  N   73.87  E   10 G            1.5    8  SOUTHERN INDIA
07  16 10 33.6  73.017 N    5.187 E   10 G  5.3 5.4  1.1  247  GREENLAND SEA. Mw 5.5 (HRV).
                                                              Centroid, Moment Tensor (HRV): Centroid origin time
                                                               16:10:37.8; Lat 72.68 N; Lon 4.36 E; Dep 15.0 Fix; Half-
                                                               duration 1.4 sec; Principal axes (scale 10**17 Nm): (T)
                                                               Val=2.10, Plg=9, Azm=123; (N) Val=-0.25, Plg=35, Azm=27;
                                                               (P) Val=-1.85, Plg=53, Azm=226; Best double couple:
                                                               Mo=2.0*10**17 Nm; NP1: Strike=247, Dip=47, Slip=-38; NP2:
                                                               Strike=6, Dip=63, Slip=-130.
07  16 14 38.3% 73.080 N    6.003 E   10 G            1.3   10  GREENLAND SEA
07  16 17 29.7* 72.996 N    5.867 E   10 G  4.1       1.5   10  NORWEGIAN SEA
07  16 26 03.0  72.992 N    5.203 E   10 G  4.8 4.2  1.0  141  NORWEGIAN SEA
07  16 33 28.6% 72.952 N    6.014 E   10 G            1.5    6  NORWEGIAN SEA
07  16 35 46.7  73.077 N    5.453 E   10 G  5.2 5.3  1.0  211  GREENLAND SEA. Mw 5.5 (HRV).
                                                              Centroid, Moment Tensor (HRV): Centroid origin time
                                                               16:35:52.7; Lat 72.99 N; Lon 4.07 E; Dep 15.0 Fix; Half-
                                                               duration 1.5 sec; Principal axes (scale 10**17 Nm): (T)
                                                               Val=2.19, Plg=18, Azm=116; (N) Val=0.08, Plg=32, Azm=14;
                                                               (P) Val=-2.27, Plg=52, Azm=231; Best double couple:
                                                               Mo=2.2*10**17 Nm; NP1: Strike=246, Dip=39, Slip=-32; NP2:
                                                               Strike=1, Dip=71, Slip=-125.
07  17 20 01.0* 73.027 N    5.704 E   10 G  4.3       1.5   22  GREENLAND SEA
07  17 25 07.5*  3.330 S  138.095 E   33 N            1.0    9  IRIAN JAYA, INDONESIA
07  17 29 09.8& 40.702 N   30.011 E    9                     4  TURKEY. <ISK>. MD 2.5 (ISK).
07  17 30 36.1& 34.261 S   70.109 W    6                    13  CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.6 (GUC).
07  17 36 13.7& 33.298 S   70.092 W  122                    13  CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.0 (GUC).
07  17 39 36.9& 40.420 S  176.700 E   33 N                   7  NORTH ISLAND, NEW ZEALAND. <WEL>. ML 3.1 (WEL).
07  18 04 42.6& 34.247 S   70.076 W    4                    16  CHILE-ARGENTINA BORDER REGION. <GUC>. MD 4.0 (GUC).
07  18 16 41.2& 44.229 N    7.099 E   11                     8  NORTHERN ITALY. <GEN>. ML 2.0 (GEN).
07  18 21 10.3& 44.658 N    7.171 E   11                    55  NORTHERN ITALY. <GEN>. ML 2.9 (STR), 2.8 (LDG).
07  18 22 06.2& 44.660 N    7.179 E   11                    18  NORTHERN ITALY. <GEN>. ML 2.5 (GEN), 2.2 (LDG).
07  18 29 28.3& 44.308 N    7.429 E   17                     5  NORTHERN ITALY. <GEN>. ML 1.8 (GEN).
07  18 40 24.0* 27.922 N  140.819 E   68 ?  4.5       1.1   18  BONIN ISLANDS REGION
07  18 50 24.7& 34.257 S   70.101 W    5                     9  CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.7 (GUC).
07  18 52 56.1* 22.291 S   67.457 W  177 *            0.9   11  CHILE-BOLIVIA BORDER REGION
07  19 05 12.2& 37.752 N   41.162 E   13                     5  TURKEY. <ISK>. MD 3.7 (ISK).
07  20 15 35.2* 32.786 N   93.616 E   33 N  4.2       0.8    8  XIZANG
07  20 29 11.6& 40.220 N   22.020 E    5                     6  GREECE. <ATH>. MD 3.1 (ATH).
07  20 38 43.4  40.680 N   19.543 E   10 G            1.5   16  ALBANIA. MD 3.5 (ATH). 2.8 (PDG).
07  21 15 45.8& 33.477 S   71.011 W   65                    11  NEAR COAST OF CENTRAL CHILE. <GUC>. MD 2.6 (GUC).
07  21 17 46.7& 44.134 N    7.136 E    4                     8  NORTHERN ITALY. <GEN>. ML 2.0 (GEN).
07  21 19 43.9? 29.14  N   52.02  E   33 N  4.2       1.2    8  SOUTHERN IRAN
07  21 57 08.8& 38.370 N   22.270 E    5                     6  GREECE. <ATH>. ML 3.0 (ATH).
07  23 01 09.4& 35.038 S   71.313 W   73                    11  CENTRAL CHILE. <GUC>. MD 3.1 (GUC).
07  23 08 50.0& 41.614 N   28.627 E   10 G                   6  TURKEY. <ISK>. MD 2.6 (ISK).
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07  23 55 12.9& 37.180 N   20.830 E    5     4.4            137  IONIAN SEA. <ATH>. ML 4.8 (ATH). MD 4.4 (PDG).
08  00 41 03.3*  6.767 S  130.648 E   33 N   4.3       1.4   12  BANDA SEA
08  00 45 39.2& 63.193 N  149.862 W   93                      19  CENTRAL ALASKA. <AEIC>.
08  00 47 54.1   9.935 N   57.037 E   10 G   4.5       0.9   29  CARLSBERG RIDGE
08  01 19 12.0& 41.050 S  174.180 E   50                       7  COOK STRAIT, NEW ZEALAND. <WEL>.
08  02 01 22.2  49.136 N    6.849 E   10 G             0.6   12  GERMANY. ML 3.3 (GRF), 3.0 (FUR), 3.0 (VIE). Mining induced
                                                                   event in the Lorraine region, France.
08  03 41 30.9& 42.900 N    0.300 W    2                       8  PYRENEES. <LDG>. ML 2.3 (STR), 2.0 (LDG).
08  03 45 41.0   8.186 S  158.652 E  100 *   4.6       1.1   31  SOLOMON ISLANDS
08  04 01 32.4  65.181 N  152.982 W   10 G             0.7    6  NORTHERN ALASKA. ML 3.2 (PMR).
08  04 11 29.5& 59.776 N  152.483 W   86                      32  SOUTHERN ALASKA. <AEIC>.
08  05 03 07.0& 59.929 N  153.438 W  144                      28  SOUTHERN ALASKA. <AEIC>.
08  05 23 16.7* 17.641 S   69.389 W  142     4.6       1.0   20  PERU-BOLIVIA BORDER REGION
08  05 29 36.0& 33.930 S   71.105 W   70                      12  NEAR COAST OF CENTRAL CHILE. <GUC>.
08  06 07 12.9& 44.300 N    7.400 E    2                       9  NORTHERN ITALY. <LDG>. ML 2.4 (LDG), 2.3 (STR).
08  06 51 55.2*  4.348 S  129.865 E   71 G   4.5       1.0   19  BANDA SEA
08  06 57 37.5? 52.10  N  169.77  W   33 N   3.3       1.1    6  FOX ISLANDS, ALEUTIAN ISLANDS
08  07 09 30.7* 52.347 N  169.601 W   33 N   4.2       1.0   22  FOX ISLANDS, ALEUTIAN ISLANDS
08  07 55 12.0& 39.706 N   29.435 E   10 G                    5  TURKEY. <ISK>. MD 2.7 (ISK).
08  08 32 40.1& 38.240 N   21.680 E    5                      11  GREECE. <ATH>. MD 3.4 (ATH).
08  09 10 59.6& 39.636 N   29.421 E   10 G                    5  TURKEY. <ISK>. MD 2.7 (ISK).
08  09 32 10.8% 39.298 N   27.541 E   10 G             0.4    5  TURKEY. MD 2.8 (ISK).
08  09 54 38.7* 17.421 S  178.918 W  500 G   4.3       0.5   13  FIJI ISLANDS REGION
08  10 08 24.9&  6.817 N   72.959 W  160                       9  NORTHERN COLOMBIA. <RSNC>.
08  10 25 03.0% 38.083 N   30.735 E   10 G             1.0    6  TURKEY. MD 3.3 (ISK).
08  12 04 00.6  15.040 N   60.421 W   55     5.3 5.3   0.8  338  LEEWARD ISLANDS. Mw 5.8 (HRV), 5.7 (GS). MD 5.7 (TRN). Felt
                                                                   on Martinique.
                                                                   Moment Tensor (GS): Dep 29; Principal axes (scale 10**17
                                                                    Nm): (T) Val=4.21, Plg=54, Azm=150; (N) Val=-0.01, Plg=13,
                                                                    Azm=258; (P) Val=-4.20, Plg=33, Azm=356; Best double
                                                                    couple: Mo=4.2*10**17 Nm; NP1: Strike=126, Dip=17,
                                                                    Slip=140; NP2: Strike=255, Dip=79, Slip=77.
                                                                   Centroid, Moment Tensor (HRV): Centroid origin time
                                                                    12:04:05.5; Lat 15.06 N; Lon 60.24 W; Dep 37.0 Bdy; Half-
                                                                    duration 2.1 sec; Principal axes (scale 10**17 Nm): (T)
                                                                    Val=6.78, Plg=47, Azm=146; (N) Val=-0.86, Plg=26, Azm=267;
                                                                    (P) Val=-5.93, Plg=31, Azm=14; Best double couple:
                                                                    Mo=6.3*10**17 Nm; NP1: Strike=156, Dip=27, Slip=161; NP2:
                                                                    Strike=263, Dip=81, Slip=64.
08  12 04 59.2  36.821 N   21.449 E   52     4.2       1.1   44  SOUTHERN GREECE. MD 4.2 (ATH).
08  12 17 20.3& 39.231 N   27.854 E   10                       4  TURKEY. <ISK>. MD 2.7 (ISK).
08  12 50 41.2& 14.968 N   60.529 W   34                       5  WINDWARD ISLANDS. <TRN>. MD 3.0 (TRN).
08  13 18 22.8& 14.999 N   60.551 W   64                       8  WINDWARD ISLANDS. <TRN>. MD 3.4 (TRN).
08  13 49 24.6& 39.283 N   27.760 E    8                       5  TURKEY. <ISK>. MD 2.7 (ISK).
08  13 58 04.3  53.853 N  160.547 E   46 *   4.5       1.1   46  NEAR EAST COAST OF KAMCHATKA
08  14 13 19.0  25.750 N  124.807 E  153 *   4.1       1.1   21  NORTHEAST OF TAIWAN
08  14 28 11.3% 15.698 N   93.889 W   33 N             1.1    6  NEAR COAST OF CHIAPAS, MEXICO. MD 4.0 (UNM).
08  14 58 22.4& 39.155 N   27.583 E   10 G                    4  TURKEY. <ISK>. MD 2.7 (ISK).
08  15 47 02.1* 51.468 N   16.231 E    5 G             1.3    9  POLAND. ML 3.2 (VIE), 2.6 (CLL).
08  16 04 42.3& 40.817 N   29.375 E   10 G                    6  TURKEY. <ISK>. MD 2.6 (ISK).
08  17 31 51.6* 18.575 S  177.848 W  600 G   4.6       0.9   19  FIJI ISLANDS REGION
08  18 34 23.6& 63.548 N  150.538 W   17                      25  CENTRAL ALASKA. <AEIC>. ML 2.8 (AEIC), 3.1 (PMR).
08  18 47 37.9  37.849 N  115.982 W    5 G             0.7    8  SOUTHERN NEVADA. ML 2.9 (GS).
08  18 51 57.7& 40.680 N   30.108 E   10 G                    4  TURKEY. <ISK>. MD 2.4 (ISK).
08  19 32 17.4   2.772 N  128.449 E  210 *   4.8       0.9   52  HALMAHERA, INDONESIA
08  19 34 04.6  46.063 N   14.778 E   10 G             0.3    7  NORTHWESTERN BALKAN REGION. ML 2.4 (VIE).
08  19 46 50.5  45.872 N   14.215 E   10 G             0.9   13  NORTHWESTERN BALKAN REGION. ML 2.8 (VIE), 2.5 (LJU). Felt
                                                                   (IV) at Logatec and Postojna, Slovenia.
08  20 14 32.6* 48.217 N  128.415 W   10 G   3.4       0.8    6  VANCOUVER ISLAND REGION
08  21 27 18.8  26.462 N  141.965 E   33 N   4.7       1.0   45  BONIN ISLANDS REGION
08  21 38 53.8  40.408 N   19.403 E   10 G   4.2       1.2   59  ALBANIA. ML 4.4 (ATH), 4.0 (PDG).
08  21 57 44.7& 53.492 N  165.323 W   15                       4  FOX ISLANDS, ALEUTIAN ISLANDS. <AEIC>. ML 3.2 (AEIC).
08  22 52 44.3% 43.107 N    0.670 W   10 G             0.2    5  PYRENEES. ML 2.1 (STR).
08  22 57 00.3& 41.940 N   20.219 E   14                      12  ALBANIA. <PDG>. MD 2.1 (PDG).
08  23 03 19.7& 34.002 S   71.251 W   64                      13  NEAR COAST OF CENTRAL CHILE. <GUC>. MD 2.5 (GUC).
08  23 18 08.7& 44.365 N    7.287 E   12                       6  NORTHERN ITALY. <GEN>. ML 1.8 (GEN).
08  23 24 51.6?  5.54  S  154.30  E  174 ?   4.1       0.9   10  SOLOMON ISLANDS
09  00 00 36.0& 36.860 N   21.860 E   31                       8  SOUTHERN GREECE. <ATH>. MD 3.4 (ATH).
09  00 02 04.9  19.281 S  173.557 W   33 N   5.0 5.5   1.0   55  TONGA ISLANDS. Mw 5.6 (HRV).
                                                                   Centroid, Moment Tensor (HRV): Centroid origin time
                                                                    00:02:06.4; Lat 19.59 S; Lon 172.56 W; Dep 15.0 Fix; Half-
                                                                    duration 1.5 sec; Principal axes (scale 10**17 Nm): (T)
                                                                    Val=2.87, Plg=65, Azm=243; (N) Val=-0.05, Plg=18, Azm=18;
                                                                    (P) Val=-2.82, Plg=17, Azm=113; Best double couple:
                                                                    Mo=2.8*10**17 Nm; NP1: Strike=228, Dip=33, Slip=125; NP2:
                                                                    Strike=8, Dip=64, Slip=70.
09  00 08 28.8* 19.436 S  173.414 W   33 N   4.4       1.1   18  TONGA ISLANDS
09  00 28 29.0  34.977 N   33.878 E   33 N   4.1       1.5   52  CYPRUS REGION. ML 4.1 (GII), 4.0 (CSS). MD 4.0 (ISK). Felt
                                                                   in the Larnaca District and at Nicosia.
09  00 31 01.8  34.564 N   80.077 E   33 N   4.5       0.9   30  XIZANG
09  00 39 10.8  40.877 N   21.190 E   10 G             0.8   16  GREECE. MD 3.1 (ATH), 2.8 (PDG). Felt (IV) in the Prespa
                                                                   area, Bulgaria.
09  00 48 36.8& 45.300 N    6.500 E    2                       5  FRANCE. <LDG>. ML 1.7 (LDG).
09  00 49 07.5  48.156 N  128.495 W   10 G   3.9       1.0   33  VANCOUVER ISLAND REGION
09  00 51 07.5  39.208 N   27.833 E   10 G             0.4   11  TURKEY. MD 3.6 (ATH), 3.3 (ISK).
09  01 04 00.9   6.351 N  126.321 E   91     4.9       0.9   47  MINDANAO, PHILIPPINE ISLANDS
09  01 05 32.2   8.592 N  125.868 E   33 N   5.0 5.0   1.0   47  MINDANAO, PHILIPPINE ISLANDS. Mw 5.5 (HRV).
                                                                   Centroid, Moment Tensor (HRV): Centroid origin time
                                                                    01:05:32.5; Lat 8.35 N; Lon 125.18 E; Dep 46.9; Half-
                                                                    duration 1.4 sec; Principal axes (scale 10**17 Nm): (T)
                                                                    Val=2.44, Plg=25, Azm=2 ; (N) Val=-0.19, Plg=64, Azm=193;
                                                                    (P) Val=-2.25, Plg=5, Azm=294; Best double couple:
                                                                    Mo=2.3*10**17 Nm; NP1: Strike=67, Dip=69, Slip=165; NP2:
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                                                                  Strike=163, Dip=76, Slip=22.
09  01 28 11.0   8.520 N  125.741 E   33 N  4.5       1.0   21  MINDANAO, PHILIPPINE ISLANDS
09  01 56 23.4& 45.000 N    5.700 E    2                     7  FRANCE. <LDG>. ML 1.8 (LDG).
09  01 57 24.4* 59.416 S   24.891 W   33 N  4.5       0.5   14  SOUTH SANDWICH ISLANDS REGION
09  01 58 05.5* 55.809 N  110.208 E   10 G  3.9       1.3   11  LAKE BAYKAL REGION, RUSSIA. Felt (IV) at Verkhnyaya Zaimka
                                                                  and (III) at Kichera.
09  02 41 57.1*  6.495 S  130.062 E  100 G            0.8   10  BANDA SEA
09  02 48 04.7  50.478 N   18.835 E   10 G            0.9   11  POLAND. ML 3.5 (VIE).
09  03 00 41.2* 55.788 N  110.095 E   10 G  4.6       1.1   17  LAKE BAYKAL REGION, RUSSIA. Felt (V) at Verkhnyaya Zaimka
                                                                  and (IV) at Kichera.
09  03 11 39.9* 55.847 N  109.946 E   10 G  3.7       1.0   10  LAKE BAYKAL REGION, RUSSIA. Felt (IV) at Verkhnyaya Zaimka
                                                                  and (III) at Kichera.
09  03 28 15.0  45.424 N    6.637 E   10 G            0.8   32  FRANCE. ML 2.4 (LDG), 2.4 (STR).
09  04 01 36.8  40.251 N   20.680 E   10 G            1.1    6  GREECE-ALBANIA BORDER REGION. MD 2.9 (ATH).
09  04 05 44.5  53.039 S   46.839 W   10 G  5.4 5.4   1.0   66  SOUTH ATLANTIC OCEAN. Mw 5.8 (HRV).
                                                                  Centroid, Moment Tensor (HRV): Centroid origin time
                                                                   04:05:48.9; Lat 53.20 S; Lon 47.41 W; Dep 17.0 Bdy; Half-
                                                                   duration 1.7 sec; Principal axes (scale 10**17 Nm): (T)
                                                                   Val=5.83, Plg=49, Azm=265; (N) Val=0.08, Plg=18, Azm=153;
                                                                   (P) Val=-5.91, Plg=35, Azm=50; Best double couple:
                                                                   Mo=5.9*10**17 Nm; NP1: Strike=87, Dip=20, Slip=23; NP2:
                                                                   Strike=335, Dip=83, Slip=108.
09  04 41 13.9& 45.500 N    6.600 E    2                     4  FRANCE. <LDG>. ML 1.4 (LDG).
09  05 49 45.6% 17.451 N  100.493 W   10 G            0.5    6  GUERRERO, MEXICO. MD 3.7 (UNM).
09  06 06 02.9   6.016 S  148.664 E   83 D  4.9       0.9   45  NEW BRITAIN REGION, P.N.G.
09  07 07 31.1  49.316 N  158.396 E   33 N  5.2 4.3   0.8  206  EAST OF KURIL ISLANDS. Mw 5.2 (HRV). Felt (II) at Severo-
                                                                  Kurilsk.
                                                                  Centroid, Moment Tensor (HRV): Centroid origin time
                                                                   07:07:34.8; Lat 49.80 N; Lon 159.24 E; Dep 18.4; Half-
                                                                   duration 1.0 sec; Principal axes (scale 10**16 Nm): (T)
                                                                   Val=7.18, Plg=30, Azm=301; (N) Val=1.00, Plg=31, Azm=190;
                                                                   (P) Val=-8.18, Plg=43, Azm=64; Best double couple:
                                                                   Mo=7.7*10**16 Nm; NP1: Strike=83, Dip=33, Slip=-14; NP2:
                                                                   Strike=185, Dip=83, Slip=-122.
09  07 50 15.7& 39.612 N   29.708 E    6                     7  TURKEY. <ISK>. MD 2.8 (ISK).
09  07 53 48.9& 39.507 N   29.643 E   10 G                   5  TURKEY. <ISK>. MD 2.7 (ISK).
09  09 07 21.5& 39.251 N   27.905 E    8                     4  TURKEY. <ISK>. MD 2.8 (ISK).
09  09 21 39.3*  7.434 S  156.007 E   33 N  4.4 3.9   0.8   15  SOLOMON ISLANDS
09  09 40 28.7% 37.578 N   28.128 E   10 G            0.4    5  TURKEY. MD 3.4 (ISK).
09  10 02 25.8& 39.103 N   27.903 E    5                     4  TURKEY. <ISK>. MD 2.8 (ISK).
09  10 51 31.9? 10.26  S  119.51  E  100 G  3.9       1.4    8  SUMBA REGION, INDONESIA
09  11 22 09.0& 44.375 N    7.269 E    8                     6  NORTHERN ITALY. <GEN>. ML 1.6 (GEN).
09  12 27 45.9  49.970 S  114.234 W   10 G  4.8 4.9   1.2   17  SOUTHERN EAST PACIFIC RISE. Mw 5.2 (HRV).
                                                                  Centroid, Moment Tensor (HRV): Centroid origin time
                                                                   12:27:55.9; Lat 49.78 S; Lon 114.56 W; Dep 15.0 Fix; Half-
                                                                   duration 1.0 sec; Principal axes (scale 10**16 Nm): (T)
                                                                   Val=8.34, Plg=13, Azm=329; (N) Val=-1.68, Plg=77, Azm=132;
                                                                   (P) Val=-6.66, Plg=4, Azm=238; Best double couple:
                                                                   Mo=7.5*10**16 Nm; NP1: Strike=13, Dip=79, Slip=174; NP2:
                                                                   Strike=104, Dip=84, Slip=11.
09  12 42 08.4* 54.063 S    6.841 E   10 G  4.7       1.0   20  BOUVET ISLAND REGION
09  13 29 05.7* 36.058 S   71.198 W  101 *            1.0   21  CENTRAL CHILE. MD 4.3 (GUC). Felt (III) at Retiro and San
                                                                  Javier; (II) at Constitucion, Linares, San Clemente and
                                                                  Talca.
09  13 58 02.3  40.549 N   20.772 E   10 G            1.1    7  GREECE-ALBANIA BORDER REGION. MD 3.2 (ATH).
09  14 27 39.4& 57.375 N  155.790 W   73                     7  ALASKA PENINSULA. <AEIC>.
09  15 04 11.5  35.193 N   33.419 E   33 N            0.5    6  CYPRUS REGION. ML 3.0 (CSS).
09  15 21 53.2  25.147 N   95.123 E  122 *  4.2       0.8   18  MYANMAR-INDIA BORDER REGION
09  15 34 51.8& 39.600 N   20.840 E    5                     8  GREECE-ALBANIA BORDER REGION. <ATH>. MD 3.1 (ATH).
09  16 57 40.6? 20.58  S  177.99  W  600 G  4.3       1.4   22  FIJI ISLANDS REGION
09  17 05 30.6*  2.453 N   95.064 W   10 G  4.3       0.9   18  GALAPAGOS ISLANDS REGION
09  17 21 50.8& 36.130 N    2.610 W   16                     7  STRAIT OF GIBRALTAR. <MDD>. mbLg 2.4 (MDD).
09  18 15 32.5& 17.801 N  101.413 W   16                    13  NEAR COAST OF GUERRERO, MEXICO. <UNM>. MD 4.0 (UNM).
09  18 50 53.2& 36.250 N    2.720 W    3                    19  STRAIT OF GIBRALTAR. <MDD>. mbLg 3.1 (MDD).
09  18 53 47.2* 27.557 N  142.263 E   33 N  4.1       0.9   12  BONIN ISLANDS REGION
09  19 08 18.8  48.013 N  128.677 W   10 G  4.2       1.1   86  VANCOUVER ISLAND REGION
09  20 00 37.5% 50.879 N    2.558 E   10 G            0.6   10  FRANCE. ML 2.4 (LDG).
09  20 06 09.9  44.362 N   11.407 E   10 G            0.5    9  NORTHERN ITALY. ML 2.5 (LDG).
09  20 29 22.2& 39.062 N   38.898 E   10 G                   5  TURKEY. <ISK>. MD 3.7 (ISK).
09  20 34 44.0& 40.440 N  125.170 W    5                     8  OFF COAST OF NORTHERN CALIFORNIA. <GM-P>. ML 3.3 (GM), 3.3
                                                                  (BRK).
09  21 17 33.7% 46.243 N    7.113 E   10 G            0.7    8  SWITZERLAND. ML 2.1 (LDG).
09  21 33 09.3& 33.951 S   70.670 W   83                    12  CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.2 (GUC).
09  21 57 52.3& 42.970 N    0.710 W   10 G                   5  PYRENEES. <STR>. ML 2.2 (STR), 1.8 (LDG).
09  22 20 46.7  40.346 N   20.484 E   10 G            1.2   16  GREECE-ALBANIA BORDER REGION. MD 3.3 (ATH), 3.0 (PDG).
09  23 14 47.1& 62.007 N  150.583 W   46                    51  CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC), 2.8 (PMR).
09  23 23 09.0? 17.87  S  178.66  W  622 ?  4.4       0.9   20  FIJI ISLANDS REGION
09  23 25 01.1  22.753 S   66.185 W  250    5.3       0.8  263  JUJUY PROVINCE, ARGENTINA. Mw 5.4 (GS), 5.4 (HRV).
                                                                  Moment Tensor (GS): Dep 248; Principal axes (scale 10**17
                                                                   Nm): (T) Val=1.20, Plg=67, Azm=32; (N) Val=0.13, Plg=11,
                                                                   Azm=146; (P) Val=-1.32, Plg=21, Azm=240; Best double
                                                                   couple: Mo=1.3*10**17 Nm; NP1: Strike=348, Dip=26,
                                                                   Slip=114; NP2: Strike=142, Dip=67, Slip=79.
                                                                  Centroid, Moment Tensor (HRV): Centroid origin time
                                                                   23:25:07.1; Lat 22.21 S; Lon 66.43 W; Dep 275.9; Half-
                                                                   duration 1.2 sec; Principal axes (scale 10**17 Nm): (T)
                                                                   Val=1.58, Plg=52, Azm=102; (N) Val=-0.22, Plg=34, Azm=314;
                                                                   (P) Val=-1.36, Plg=16, Azm=213; Best double couple:
                                                                   Mo=1.5*10**17 Nm; NP1: Strike=265, Dip=42, Slip=33; NP2:
                                                                   Strike=149, Dip=69, Slip=127.
10  00 34 07.9* 14.359 S  167.090 E  151 *  5.0       1.3   70  VANUATU ISLANDS
10  01 06 41.8   6.582 S  106.143 E  109    5.2       0.9   97  JAWA, INDONESIA. Mw 5.2 (HRV). Felt (III) at Jakarta.
                                                                  Centroid, Moment Tensor (HRV): Centroid origin time
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01:06:43.3; Lat 7.08 S; Lon 106.12 E; Dep 109.0; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=6.49, Plg=83, Azm=97; (N) Val=2.81, Plg=4, Azm=224; (P) Val=-9.30, Plg=5, Azm=315; Best double couple: Mo=7.9*10**16 Nm; NP1: Strike=49, Dip=40, Slip=96; NP2: Strike=221, Dip=50, Slip=85.

10	01	36	32.8&	43.220	N	0.630	W	2	G			6	PYRENEES. <STR>. ML 2.2 (STR).
10	02	05	57.9&	46.300	N	2.800	E	2				5	FRANCE. <LDG>. ML 1.4 (LDG).
10	03	06	14.1&	47.100	N	1.900	W	2				8	FRANCE. <LDG>. ML 2.1 (LDG).
10	03	12	31.8&	53.958	N	163.537	W	15				6	UNIMAK ISLAND REGION. <AEIC>. ML 3.2 (AEIC).
10	03	20	52.3*	17.502	S	65.947	E	10	G	4.7	1.4	12	MAURITIUS-REUNION REGION
10	03	21	58.3*	4.471	N	73.697	W	33	N	4.2	0.9	15	COLOMBIA. ML 4.8 (RSNC).
10	03	25	08.4&	58.948	N	154.050	W	104				12	ALASKA PENINSULA. <AEIC>.
10	04	22	54.8	5.907	N	125.997	E	142		4.8	0.8	38	MINDANAO, PHILIPPINE ISLANDS
10	05	51	08.8?	17.14	S	174.66	W	47	D	5.0	1.4	39	TONGA ISLANDS
10	07	17	59.3	23.662	N	121.632	E	33	N	5.0 4.2	1.0	68	TAIWAN. Felt (III JMA) at Hua-lien. Felt in many parts of central Taiwan.
10	07	33	41.9&	36.219	N	120.399	W	8				17	CENTRAL CALIFORNIA. <GM-P>. MD 2.9 (GM). ML 2.9 (PAS).
10	07	33	48.0*	22.218	S	179.979	E	689	?	4.7	0.7	22	SOUTH OF FIJI ISLANDS
10	07	46	45.5&	43.430	N	19.496	E	13				8	NORTHWESTERN BALKAN REGION. <PDG>. MD 2.1 (PDG).
10	07	48	56.0?	73.15	N	6.49	E	10	G	4.2	1.2	8	GREENLAND SEA
10	07	51	19.2&	37.840	N	21.260	E	5				5	SOUTHERN GREECE. <ATH>. MD 3.0 (ATH).
10	07	53	07.8&	37.790	N	21.190	E	5				5	SOUTHERN GREECE. <ATH>. MD 3.0 (ATH).
10	08	27	01.6&	41.752	N	19.972	E	18				12	ALBANIA. <PDG>. MD 2.4 (PDG).
10	08	39	02.0&	60.066	N	153.101	W	125		3.3		29	SOUTHERN ALASKA. <AEIC>.
10	09	08	13.1	56.137	N	161.609	W	172		4.7	0.8	154	ALASKA PENINSULA
10	09	14	00.0&	38.459	N	30.555	E	10	G			6	TURKEY. <ISK>. MD 3.2 (ISK).
10	09	35	43.9&	33.141	S	70.410	W	102				29	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 4.1 (GUC). Felt (II) at Petorca, Santiago, Valparaiso and Vina del Mar, Chile.
10	09	54	17.9&	44.148	N	7.137	E	11				20	NORTHERN ITALY. <GEN>. ML 2.3 (LDG), 2.1 (GEN), 1.9 (STR).
10	10	23	02.7&	38.832	N	27.340	E	10	G			7	TURKEY. <ISK>. MD 3.3 (ISK).
10	10	42	33.9?	22.50	S	170.23	E	33	N	3.8	1.3	11	LOYALTY ISLANDS REGION
10	10	45	55.5&	36.370	N	2.660	W	38	G			6	STRAIT OF GIBRALTAR. <MDD>.
10	10	58	11.5&	35.068	N	33.954	E	11				8	CYPRUS REGION. <ISK>. MD 3.2 (ISK). ML 2.7 (CSS).
10	11	26	52.8*	73.055	N	5.880	E	10	G	3.9	0.9	5	GREENLAND SEA
10	11	31	45.3&	63.409	N	151.085	W	18				31	CENTRAL ALASKA. <AEIC>. ML 3.0 (AEIC), 3.3 (PMR).
10	11	32	14.2&	31.945	S	70.291	W	115				11	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.5 (GUC).
10	11	52	41.0&	17.467	N	101.490	W	15				11	NEAR COAST OF GUERRERO, MEXICO. <UNM>. MD 4.0 (UNM).
10	12	20	02.1&	39.147	N	27.879	E	11				4	TURKEY. <ISK>. MD 2.8 (ISK).
10	12	23	09.7&	41.330	N	20.990	E	20				16	ALBANIA. <SKO>. MD 3.3 (ATH), 3.2 (PDG). Felt (IV) in the Kicevo region, former Yugoslav Republic of Macedonia.
10	12	30	59.6&	37.780	S	179.490	E	33	N			7	OFF E. COAST OF N. ISLAND, N.Z. <WEL>. ML 4.1 (WEL).
10	12	55	07.3&	38.580	N	21.490	E	5				10	GREECE. <ATH>. MD 3.2 (ATH).
10	13	08	24.2*	2.374	N	66.612	E	10	G	4.5	0.9	14	CARLSBERG RIDGE
10	13	22	21.7&	18.994	N	155.361	W	52				40	HAWAII. <HVO-P>. MD 4.4 (HVO). Felt at Hawaiian Ocean View Estates, Hilo and Glenwood.
10	13	37	18.2&	16.238	N	99.053	W	16				8	NEAR COAST OF GUERRERO, MEXICO. <UNM>. MD 3.8 (UNM).
10	13	38	18.5	73.090	N	5.556	E	10	G	4.6 4.2	0.9	88	GREENLAND SEA
10	13	40	43.2%	47.523	N	13.377	E	10	G		0.3	5	AUSTRIA. ML 2.0 (VIE).
10	14	00	54.9*	73.152	N	6.054	E	10	G	4.2	1.0	8	GREENLAND SEA
10	14	08	46.5&	39.083	N	28.430	E	10	G			4	TURKEY. <ISK>. MD 2.8 (ISK).
10	15	06	05.1?	54.56	N	160.40	E	33	N	4.3	1.5	14	NEAR EAST COAST OF KAMCHATKA
10	15	07	21.2	36.237	N	71.212	E	112	D	5.2	1.0	235	AFGHANISTAN-TAJIKISTAN BORD REG. Mw 5.2 (GS), 5.2 (HRV). Moment Tensor (GS): Dep 107; Principal axes (scale 10**16 Nm): (T) Val=7.53, Plg=81, Azm=288; (N) Val=-0.14, Plg=6, Azm=58; (P) Val=-7.39, Plg=7, Azm=149; Best double couple: Mo=7.5*10**16 Nm; NP1: Strike=246, Dip=38, Slip=100; NP2: Strike=54, Dip=52, Slip=82. Centroid, Moment Tensor (HRV): Centroid origin time 15:07:23.2; Lat 36.13 N; Lon 71.34 E; Dep 130.2; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=7.88, Plg=80, Azm=200; (N) Val=0.93, Plg=7, Azm=65; (P) Val=-8.82, Plg=7, Azm=335; Best double couple: Mo=8.4*10**16 Nm; NP1: Strike=57, Dip=38, Slip=79; NP2: Strike=251, Dip=52, Slip=99.
10	15	21	27.4?	47.92	N	127.98	W	10	G	3.8	1.1	10	OFF COAST OF WASHINGTON. First and larger of two events about one minute apart.
10	15	36	07.1*	47.917	N	128.642	W	10	G	3.4	1.0	7	OFF COAST OF WASHINGTON
10	15	41	00.7&	41.422	N	28.181	E	6				7	TURKEY. <ISK>. MD 2.6 (ISK).
10	16	16	11.2&	45.600	N	6.100	E	2				73	FRANCE. <LDG>. ML 3.3 (LDG), 3.1 (STR).
10	16	18	58.9&	40.241	N	28.110	E	13				4	TURKEY. <ISK>. MD 2.8 (ISK).
10	16	27	12.5	47.926	N	128.517	W	10	G	4.0	0.9	41	OFF COAST OF WASHINGTON
10	16	58	00.7	8.678	S	111.544	E	77	*	4.9	1.3	38	JAWA, INDONESIA. Mw 4.9 (HRV). Felt (III) at Malang. Centroid, Moment Tensor (HRV): Centroid origin time 16:58:12.7; Lat 8.69 S; Lon 111.76 E; Dep 59.8; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=2.23, Plg=78, Azm=122; (N) Val=-0.07, Plg=11, Azm=274; (P) Val=-2.17, Plg=6, Azm=5; Best double couple: Mo=2.2*10**16 Nm; NP1: Strike=107, Dip=40, Slip=107; NP2: Strike=265, Dip=52, Slip=76.
10	17	53	23.4&	37.140	N	4.060	W	6				6	SPAIN. <MDD>. mbLg 2.0 (MDD).
10	18	31	06.4?	27.90	N	66.52	E	33	N	4.1	1.3	9	PAKISTAN
10	19	47	15.2&	14.120	N	60.475	W	36				4	WINDWARD ISLANDS. <TRN>. MD 2.8 (TRN).
10	20	32	15.7&	18.411	N	101.779	W	65				8	GUERRERO, MEXICO. <UNM>. MD 3.9 (UNM).
10	20	44	37.0&	34.699	S	71.216	W	72				11	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 2.7 (GUC).
10	20	45	37.7*	6.911	S	105.143	E	33	N	4.5	1.5	7	SUNDA STRAIT
10	20	53	16.7&	40.490	N	20.570	E	5				5	GREECE-ALBANIA BORDER REGION. <ATH>. MD 3.3 (ATH).
10	20	59	18.1&	36.768	N	121.477	W	7				12	CENTRAL CALIFORNIA. <GM-P>. ML 3.2 (GM). ML 3.2 (BRK). Felt at Salinas.
10	22	13	47.5&	39.510	N	22.770	E	2				5	GREECE. <ATH>. ML 3.2 (ATH).
10	22	33	35.8&	38.540	N	21.460	E	5				5	GREECE. <ATH>. MD 3.1 (ATH).
10	22	54	35.7&	40.490	N	20.590	E	5				4	GREECE-ALBANIA BORDER REGION. <ATH>. MD 2.9 (ATH).

10	23 25 21.4&	37.282 N	35.885 E	12	4.4			104	TURKEY. <ISK>. ML 4.7 (CSS). MD 4.5 (ISK). Felt in Adana Province.
10	23 33 25.2&	40.480 N	20.580 E	5				5	GREECE-ALBANIA BORDER REGION. <ATH>. MD 2.9 (ATH).
11	01 06 30.7	7.480 S	128.019 E	144 *	4.8		1.2	30	BANDA SEA
11	01 11 59.6&	37.690 N	23.850 E	5				4	SOUTHERN GREECE. <ATH>. MD 2.5 (ATH).
11	02 07 48.0*	18.399 N	146.749 E	33 N	4.0		0.8	10	MARIANA ISLANDS
11	02 08 19.0&	43.200 N	0.900 W	6				57	PYRENEES. <LDG>. ML 3.4 (STR), 3.3 (LDG). Felt (IV) in the Soule region, France.
11	02 34 56.7&	40.460 N	20.610 E	5				5	GREECE-ALBANIA BORDER REGION. <ATH>. MD 3.0 (ATH).
11	03 04 47.9&	14.965 N	60.436 W	13				4	WINDWARD ISLANDS. <FDF>. MG 2.2 (FDF).
11	03 05 25.5	29.336 N	51.970 E	33 N	4.5		1.1	63	SOUTHERN IRAN
11	03 48 13.5&	40.520 N	20.550 E	5				5	GREECE-ALBANIA BORDER REGION. <ATH>. MD 3.1 (ATH).
11	04 50 07.8&	11.760 N	86.112 W	145				4	NEAR COAST OF NICARAGUA. <CASC>. MD 4.3 (CASC).
11	05 17 01.3?	30.03 N	142.37 E	33 N	4.6		1.3	14	SOUTH OF HONSHU, JAPAN
11	05 25 18.6	39.510 N	36.762 E	20	4.7		1.1	175	TURKEY. MD 4.8 (ISK).
11	05 26 01.4*	39.422 N	36.567 E	10 G	4.6		1.2	27	TURKEY
11	05 30 54.1&	39.843 N	37.529 E	10 G				5	TURKEY. <ISK>. MD 3.4 (ISK).
11	05 37 27.0&	39.826 N	37.382 E	0 G				5	TURKEY. <ISK>. MD 3.4 (ISK).
11	05 44 13.2	39.492 N	36.788 E	10 G	4.3		0.9	35	TURKEY. MD 4.0 (ISK).
11	07 28 18.7&	39.176 N	27.697 E	10				4	TURKEY. <ISK>. MD 2.9 (ISK).
11	07 29 48.5&	39.620 N	29.510 E	8				6	TURKEY. <ISK>. MD 2.7 (ISK).
11	07 33 46.2&	33.360 S	70.839 W	75				9	CHILE-ARGENTINA BORDER REGION. <GUC>.
11	07 50 15.4&	37.560 N	21.110 E	58	4.8			278	SOUTHERN GREECE. <ATH>. Mw 5.2 (HRV). MD 4.8 (ATH). Felt strongly at Pyrgos and Zakynthos. Felt in Achaea and Ilia Provinces. Also felt in many other parts of southwestern Greece. Centroid, Moment Tensor (HRV): Centroid origin time 07:50:19.9; Lat 37.30 N; Lon 21.17 E; Dep 59.0; Half-duration 1.2 sec; Principal axes (scale 10**16 Nm): (T) Val=7.87, Plg=4, Azm=259; (N) Val=1.09, Plg=82, Azm=14; (P) Val=-8.96, Plg=7, Azm=169; Best double couple: Mo=8.4*10**16 Nm; NP1: Strike=304, Dip=82, Slip=-177; NP2: Strike=214, Dip=87, Slip=-8.
11	08 12 08.2&	32.199 S	71.150 W	54				13	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.3 (GUC).
11	08 19 16.4&	39.641 N	29.471 E	10 G				7	TURKEY. <ISK>. MD 2.7 (ISK).
11	08 20 06.0*	45.640 N	26.668 E	102 ?			0.6	8	ROMANIA
11	08 23 59.1&	38.859 N	28.349 E	10				4	TURKEY. <ISK>. MD 2.9 (ISK).
11	08 39 32.2&	38.755 N	29.411 E	7				5	TURKEY. <ISK>. MD 3.1 (ISK).
11	08 45 45.3?	57.52 N	32.56 W	10 G	3.9		1.4	5	NORTH ATLANTIC OCEAN
11	08 48 00.1&	31.735 S	69.936 W	150				11	SAN JUAN PROVINCE, ARGENTINA. <GUC>. MD 2.6 (GUC).
11	10 29 57.2&	59.675 N	152.417 W	69				21	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
11	10 45 04.7&	39.093 N	27.887 E	6				4	TURKEY. <ISK>. MD 2.8 (ISK).
11	11 11 50.3	51.566 N	16.148 E	5 G			0.4	12	POLAND. ML 3.4 (VIE), 2.7 (CLL).
11	11 27 41.5&	41.106 N	28.845 E	10 G				5	TURKEY. <ISK>. MD 2.6 (ISK).
11	11 47 58.2&	43.130 N	0.550 W	2				63	PYRENEES. <MDD>. ML 3.7 (LDG), 3.6 (STR). mbLg 3.2 (MDD). Felt (IV) at Aspet, France.
11	12 01 52.3*	14.873 N	94.342 W	33 N	3.8		1.5	25	OFF COAST OF CHIAPAS, MEXICO. MD 4.4 (UNM).
11	12 25 34.2&	40.533 N	29.281 E	6				7	TURKEY. <ISK>. MD 2.8 (ISK).
11	12 27 13.1&	34.471 S	70.713 W	101				9	CHILE-ARGENTINA BORDER REGION. <GUC>.
11	12 48 17.6&	39.161 N	28.123 E	9				4	TURKEY. <ISK>. MD 2.8 (ISK).
11	13 13 20.1	6.491 S	129.940 E	141 *	4.5		0.6	16	BANDA SEA
11	14 30 52.8&	36.680 N	3.580 W	2				12	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.6 (MDD).
11	14 56 07.9&	39.563 N	36.862 E	10 G				4	TURKEY. <ISK>. MD 3.6 (ISK).
11	15 00 53.9&	39.119 N	27.846 E	9				4	TURKEY. <ISK>. MD 2.8 (ISK).
11	15 34 28.0&	37.120 N	2.610 W	16				6	SPAIN. <MDD>. mbLg 2.2 (MDD).
11	15 44 13.0&	44.460 N	115.900 W	10 G				7	WESTERN IDAHO. <BSE-P>. ML 3.2 (BSE), 3.2 (BUT).
11	16 00 17.6&	38.850 N	23.480 E	17				4	GREECE. <ATH>. ML 3.0 (ATH).
11	16 12 42.6	36.481 N	71.188 E	190 ?	4.0		0.8	34	AFGHANISTAN-TAJIKISTAN BORD REG.
11	19 58 55.1	5.433 S	150.213 E	152	4.5		1.0	33	NEW BRITAIN REGION, P.N.G.
11	20 23 57.4&	35.608 S	71.494 W	96				12	CENTRAL CHILE. <GUC>. MD 3.0 (GUC).
11	21 25 21.5*	43.237 N	12.570 E	10 G			1.0	22	CENTRAL ITALY. ML 3.0 (LDG).
11	22 12 45.8&	34.688 S	70.810 W	103				13	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.9 (GUC).
11	22 42 52.9*	31.457 S	68.910 W	112 ?			1.0	15	SAN JUAN PROVINCE, ARGENTINA. MD 3.9 (GUC).
11	22 43 24.3	37.411 N	141.889 E	78 D	4.7		1.0	63	NEAR EAST COAST OF HONSHU, JAPAN. Felt (II JMA) in eastern Fukushima, northeastern Miyagi, eastern Yamagata and parts of Ibaraki Prefectures. Felt from Chiba to Iwate Prefectures.
11	23 02 36.4&	38.680 N	24.840 E	46				5	AEGEAN SEA. <ATH>. MD 2.9 (ATH).
11	23 31 18.5*	85.593 N	82.210 E	10 G	4.5		1.4	11	NORTH OF SEVERNAYA ZEMLYA
11	23 54 52.0	85.604 N	83.704 E	10 G	5.1	4.5	0.9	133	NORTH OF SEVERNAYA ZEMLYA. Mw 5.0 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 23:54:51.4; Lat 85.60 N Fix; Lon 83.70 E Fix; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=2.99, Plg=7, Azm=196; (N) Val=1.21, Plg=24, Azm=289; (P) Val=-4.19, Plg=64, Azm=90; Best double couple: Mo=3.6*10**16 Nm; NP1: Strike=261, Dip=43, Slip=-127; NP2: Strike=126, Dip=57, Slip=-61.
12	00 11 20.8&	42.220 S	173.720 E	26				7	SOUTH ISLAND, NEW ZEALAND. <WEL>. ML 3.2 (WEL).
12	00 29 44.8&	35.086 S	70.394 W	162				11	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.8 (GUC).
12	00 31 40.3&	34.298 S	70.572 W	113				11	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.1 (GUC).
12	00 39 28.9*	29.439 N	51.501 E	33 N	4.3		1.3	38	SOUTHERN IRAN
12	00 57 31.1	13.796 N	144.759 E	136	4.9		0.9	57	MARIANA ISLANDS
12	01 13 32.3&	34.396 N	32.326 E	15				6	CYPRUS REGION. <CSS>. ML 2.5 (CSS).
12	02 24 41.4&	12.610 N	88.107 W	45	3.7			20	OFF COAST OF CENTRAL AMERICA. <CASC>. MD 4.0 (CASC).
12	02 32 42.1&	12.890 N	90.262 W	10	3.8			16	OFF COAST OF CENTRAL AMERICA. <CASC>. MD 4.1 (CASC).
12	02 58 00.8&	40.490 N	21.570 E	11				6	GREECE. <ATH>. ML 3.7 (ATH).
12	03 14 57.1&	32.556 S	71.874 W	39				13	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.6 (GUC).
12	04 12 24.9&	35.420 N	22.650 E	5	4.1			41	CENTRAL MEDITERRANEAN SEA. <ATH>. MD 3.9 (ATH).
12	05 32 12.7&	46.800 N	1.400 E	2				9	FRANCE. <LDG>. ML 2.0 (LDG).
12	05 42 55.3	85.732 N	83.528 E	10 G	4.5		0.9	40	NORTH OF SEVERNAYA ZEMLYA
12	06 42 30.9&	32.096 S	71.629 W	28				10	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.7 (GUC).
12	07 08 12.0*	45.682 N	26.687 E	100 G			0.8	6	ROMANIA
12	07 46 02.0&	37.180 N	21.110 E	5				4	SOUTHERN GREECE. <ATH>. MD 2.8 (ATH).

12	07	47	48.2&	39.558	N	29.543	E	10	G				5	TURKEY. <ISK>. MD 2.7 (ISK).
12	08	18	50.9	6.015	S	102.086	E	33	N	5.0	4.4	1.1	30	SOUTHWEST OF SUMATERA, INDONESIA. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 08:18:53.6; Lat 6.55 S; Lon 101.63 E; Dep 18.4; Half-duration 1.1 sec; Principal axes (scale 10**16 Nm): (T) Val=5.70, Plg=48, Azm=90; (N) Val=1.72, Plg=26, Azm=326; (P) Val=-7.42, Plg=29, Azm=219; Best double couple: Mo=6.6*10**16 Nm; NP1: Strike=261, Dip=29, Slip=22; NP2: Strike=151, Dip=80, Slip=117.
12	08	58	08.0&	39.210	N	28.038	E	5					4	TURKEY. <ISK>. MD 2.7 (ISK).
12	09	40	27.3&	39.257	N	27.219	E	10	G				6	TURKEY. <ISK>. MD 2.9 (ISK).
12	09	45	08.1	47.723	N	152.873	E	70	?	4.9		0.8	110	KURIL ISLANDS
12	11	33	17.0&	19.116	N	98.322	W	19					9	CENTRAL MEXICO. <UNM>. MD 3.4 (UNM).
12	11	41	27.0&	16.348	N	61.600	W	130					4	LEEWARD ISLANDS. <FDF>. MG 2.6 (FDF).
12	11	42	47.6&	47.100	N	1.100	E	2					4	FRANCE. <LDG>. ML 1.9 (LDG).
12	12	02	41.4?	8.84	S	108.60	W	10	G	3.7		1.2	6	CENTRAL EAST PACIFIC RISE
12	12	25	20.5&	39.110	N	26.243	E	10	G				4	TURKEY. <ISK>. MD 3.0 (ISK).
12	12	33	19.8&	38.835	N	26.834	E	10	G				5	AEGEAN SEA. <ISK>. MD 3.0 (ISK).
12	12	55	12.0&	39.155	N	27.287	E	10	G				4	TURKEY. <ISK>. MD 2.8 (ISK).
12	13	18	08.0?	46.05	N	14.78	E	10	G			0.2	4	NORTHWESTERN BALKAN REGION. ML 1.2 (LJU).
12	13	24	12.0&	39.238	N	27.860	E	7					4	TURKEY. <ISK>. MD 2.8 (ISK).
12	13	39	12.0	50.453	N	174.808	W	35	D	4.5		1.0	63	ANDREANOF ISLANDS, ALEUTIAN IS.
12	14	10	05.9&	19.233	N	98.508	W	0					7	CENTRAL MEXICO. <UNM>. MD 3.2 (UNM).
12	14	16	03.0*	36.050	S	52.540	E	10	G	4.3		1.1	14	SOUTHWEST INDIAN RIDGE
12	14	24	12.5&	40.520	S	173.430	E	174					13	COOK STRAIT, NEW ZEALAND. <WEL>.
12	14	30	11.9*	10.649	N	125.971	E	65	*	4.6		1.3	22	LEYTE, PHILIPPINE ISLANDS
12	14	36	41.6&	38.931	N	26.961	E	12					10	AEGEAN SEA. <ISK>. MD 3.5 (ISK).
12	14	46	11.7&	35.871	S	71.272	W	118					7	CENTRAL CHILE. <GUC>. MD 2.9 (GUC).
12	15	13	26.7	7.019	S	129.495	E	106		4.6		1.2	59	BANDA SEA
12	15	20	02.3&	35.850	N	21.380	E	5		3.6			15	CENTRAL MEDITERRANEAN SEA. <ATH>. ML 3.8 (ATH).
12	15	33	57.8&	40.239	N	29.561	E	10					4	TURKEY. <ISK>. MD 2.4 (ISK).
12	15	45	30.7&	59.820	N	153.409	W	125					25	SOUTHERN ALASKA. <AEIC>.
12	15	48	35.4&	33.966	N	116.407	W	9					25	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
12	16	11	36.3	27.899	S	66.914	W	177	*	4.1		1.3	26	CATAMARCA PROVINCE, ARGENTINA
12	16	19	01.0&	38.490	S	175.890	E	217					6	NORTH ISLAND, NEW ZEALAND. <WEL>.
12	16	27	13.7*	32.605	S	70.081	W	121	?			0.5	15	CHILE-ARGENTINA BORDER REGION. MD 3.6 (GUC).
12	16	54	16.7&	41.138	N	28.878	E	5					4	TURKEY. <ISK>. MD 2.5 (ISK).
12	17	01	04.8&	39.154	N	28.150	E	10	G				4	TURKEY. <ISK>. MD 2.8 (ISK).
12	17	20	37.0&	36.550	N	25.500	E	12		4.3			156	DODECANESE ISLANDS. <ATH>. ML 4.4 (ATH). Felt on Thira.
12	17	23	48.7&	36.480	N	25.280	E	5					4	DODECANESE ISLANDS. <ATH>. MD 3.8 (ATH).
12	17	50	36.4&	36.510	N	25.340	E	5		4.0			22	DODECANESE ISLANDS. <ATH>. ML 3.7 (ATH).
12	18	16	35.4&	32.073	S	71.194	W	74					11	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.2 (GUC).
12	18	23	33.5&	15.071	N	60.422	W	23					4	LEEWARD ISLANDS. <FDF>. MG 2.2 (FDF).
12	18	43	12.2&	47.470	N	115.791	W	5	G				19	MONTANA. <BUT-P>. ML 3.1 (BUT). Felt.
12	19	51	12.7&	18.158	N	101.581	W	26					5	GUERRERO, MEXICO. <UNM>. MD 4.1 (UNM).
12	20	29	21.5*	16.425	N	119.973	E	10	G			1.5	9	LUZON, PHILIPPINE ISLANDS
12	21	36	55.3?	21.11	S	68.29	W	137	?	3.8		1.3	10	CHILE-BOLIVIA BORDER REGION
12	22	36	59.4?	21.42	S	170.04	E	101	?	4.5		1.2	21	LOYALTY ISLANDS REGION
12	22	44	25.5&	44.311	N	7.324	E	13					19	NORTHERN ITALY. <GEN>. ML 2.2 (GEN), 2.0 (LDG), 1.9 (STR).
12	22	48	16.8*	11.174	N	86.238	W	69	*	4.4		1.1	37	NEAR COAST OF NICARAGUA
12	22	53	32.6&	39.040	S	175.770	E	114					14	NORTH ISLAND, NEW ZEALAND. <WEL>.
12	22	57	21.1	43.599	N	144.439	E	147		4.4		0.6	77	HOKKAIDO, JAPAN REGION. Felt (II JMA) in the Kushiro area.
12	23	26	22.5	17.570	N	121.399	E	43		4.7	4.6	1.0	33	LUZON, PHILIPPINE ISLANDS
12	23	27	12.2&	39.030	N	24.780	E	29					6	AEGEAN SEA. <ATH>. MD 3.1 (ATH).
12	23	53	33.4&	33.745	S	70.383	W	100					12	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.3 (GUC).
13	00	12	26.4&	33.786	S	71.316	W	76					13	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.2 (GUC).
13	00	27	55.4&	39.650	N	29.291	E	10	G			1.2	7	TURKEY. MD 2.7 (ISK).
13	01	34	50.8*	37.923	N	20.910	E	10	G	3.6		1.0	8	IONIAN SEA. MD 3.6 (ATH).
13	01	46	41.7*	51.140	N	15.832	E	5	G			1.5	7	POLAND. ML 3.1 (VIE).
13	04	20	09.0	28.157	N	34.907	E	10	G	4.2		0.8	29	EGYPT
13	04	21	20.0&	46.800	N	0.700	E	2					5	FRANCE. <LDG>. ML 1.8 (LDG).
13	04	52	52.4&	40.960	S	174.820	E	59					8	COOK STRAIT, NEW ZEALAND. <WEL>.
13	04	58	03.4&	32.919	S	70.423	W	102					11	CHILE-ARGENTINA BORDER REGION. <GUC>.
13	05	15	30.5&	35.305	N	118.558	W	6					39	CENTRAL CALIFORNIA. <PAS-P>. ML 3.6 (PAS). Felt at Havilah.
13	05	53	06.6&	58.523	N	152.552	W	41					53	KODIAK ISLAND REGION. <AEIC>. ML 3.5 (AEIC), 3.6 (PMR).
13	06	10	36.0&	40.534	N	33.152	E	13					6	TURKEY. <ISK>. MD 3.2 (ISK).
13	06	30	29.1&	38.410	N	20.480	E	5					10	GREECE. <ATH>. ML 3.7 (ATH).
13	06	59	37.6&	41.830	S	172.330	E	89					9	SOUTH ISLAND, NEW ZEALAND. <WEL>.
13	07	18	59.0&	33.593	S	70.106	W	0					7	CHILE-ARGENTINA BORDER REGION. <GUC>.
13	07	38	01.0*	28.515	N	86.254	E	33	N	3.8		1.3	10	XIZANG
13	07	41	16.8&	39.622	N	29.113	E	10	G			0.3	5	TURKEY. MD 2.6 (ISK).
13	08	04	42.3&	44.394	N	6.859	E	8					4	FRANCE. <GEN>. ML 1.6 (GEN).
13	08	24	57.8&	39.258	N	27.047	E	8					4	TURKEY. <ISK>. MD 2.8 (ISK).
13	08	29	13.4	27.740	S	70.088	W	88	D	4.3		1.0	55	NEAR COAST OF NORTHERN CHILE. Felt (V) at Copiapo and (II) at Chanaral, El Salvador, Freirina, Huasco and Vallenar.
13	09	06	39.7&	61.459	N	149.390	W	29					38	SOUTHERN ALASKA. <AEIC>. ML 2.8 (AEIC).
13	09	09	20.0*	34.786	N	80.078	E	33	N	4.3		0.7	16	XIZANG
13	09	26	48.7*	24.698	N	123.199	E	119	*			1.0	7	SOUTHWESTERN RYUKYU ISLANDS
13	11	09	12.9&	38.020	N	20.180	E	5		4.1			53	GREECE. <ATH>. MD 4.1 (PDG), 4.0 (ATH).
13	11	11	25.7&	32.807	S	69.828	W	127					12	MENDOZA PROVINCE, ARGENTINA. <GUC>. MD 3.4 (GUC).
13	11	25	22.3&	16.715	N	61.583	W	29					5	LEEWARD ISLANDS. <FDF>. MG 2.5 (FDF).
13	11	31	21.8*	20.399	S	178.414	W	559	?	4.2		0.9	35	FIJI ISLANDS REGION
13	11	51	13.2	55.815	N	110.037	E	10	G	4.7	4.0	0.9	58	LAKE BAYKAL REGION, RUSSIA. Felt (VI) at Verkhnyaya Zaimka, (V) at Kichera, (IV) at Severobaykalsk and (III) at Nizhneangarsk.
13	12	09	55.1&	38.890	N	26.120	E	24					8	AEGEAN SEA. <ATH>. MD 3.6 (ATH).
13	12	17	41.9	5.101	S	152.707	E	54		5.0	4.9	0.8	75	NEW BRITAIN REGION, P.N.G. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 12:17:43.0; Lat 5.21 S; Lon 152.76 E; Dep 49.0; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=6.36, Plg=58, Azm=341; (N) Val=-0.13, Plg=3, Azm=245; (P) Val=-6.23, Plg=31, Azm=153; Best double couple: Mo=6.3*10**16 Nm; NP1: Strike=232, Dip=14, Slip=76; NP2:

														Strike=66, Dip=76, Slip=93.
13	12	30	33.1*	22.193	N	143.672	E	100	G	3.8		0.6	9	VOLCANO ISLANDS REGION
13	13	40	06.4&	30.741	N	78.724	E	33	N			0.6	5	NORTHERN INDIA
13	13	52	38.2	67.988	N	158.691	W	10	G	3.5		1.0	18	NORTHERN ALASKA
13	14	08	32.5&	63.146	N	151.030	W	133					25	CENTRAL ALASKA. <AEIC>.
13	14	26	04.5&	36.156	N	120.211	W	8					6	CENTRAL CALIFORNIA. <GM-P>. MD 2.5 (GM). ML 2.9 (PAS).
13	14	27	15.7&	59.617	N	150.682	W	36					29	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.5 (AEIC).
13	14	43	36.7&	15.499	N	61.390	W	128					9	LEEWARD ISLANDS. <FDF>. MG 1.7 (FDF).
13	14	57	59.0&	36.154	N	120.207	W	8					34	CENTRAL CALIFORNIA. <GM-P>. ML 3.2 (GM), 3.2 (PAS).
13	15	21	13.5	42.358	N	2.669	E	10	G			0.6	8	PYRENEES. ML 2.6 (STR), 2.3 (LDG).
13	15	32	10.5&	60.065	N	152.950	W	112					36	SOUTHERN ALASKA. <AEIC>.
13	15	46	47.3&	43.100	N	0.280	W	2	G				7	PYRENEES. <STR>. ML 2.3 (STR), 1.8 (LDG).
13	17	11	43.2&	33.187	S	70.315	W	5					8	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.3 (GUC).
13	17	15	36.4*	18.567	S	169.191	E	248	.	4.3		0.9	28	VANUATU ISLANDS
13	17	24	30.7	46.838	N	10.368	E	10	G			1.2	41	NORTHERN ITALY. ML 2.8 (GRF), 2.8 (STR), 2.7 (FUR), 2.6 (VIE), 2.6 (FBB), 2.6 (LDG).
13	17	26	34.2	36.189	N	27.203	E	33	N			1.3	36	DODECANESE ISLANDS. ML 4.2 (ATH), 4.0 (CSS).
13	17	31	41.9&	37.140	N	3.400	W	1					5	SPAIN. <MDD>. mbLg 1.9 (MDD).
13	17	42	02.5&	32.072	S	71.608	W	5					10	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.6 (GUC).
13	17	47	21.9	19.118	N	121.254	E	56		4.8		1.1	53	PHILIPPINE ISLANDS REGION
13	17	51	05.1	82.381	N	6.403	W	10	G	4.4	3.8	1.2	24	NORTH OF SVALBARD
13	18	48	32.9&	43.787	N	7.900	E	11					4	NEAR SOUTH COAST OF FRANCE. <GEN>. ML 1.6 (GEN).
13	18	57	37.7&	44.796	N	7.153	E	9					4	NORTHERN ITALY. <GEN>. ML 1.6 (GEN).
13	19	42	19.7?	35.27	N	135.18	E	57	*	3.6		1.6	10	WESTERN HONSHU, JAPAN. Felt (II JMA) in western Fukui, southeastern Hyogo and southern Kyoto Prefectures.
13	20	14	46.1&	44.140	N	7.150	E	2	G				33	NORTHERN ITALY. <STR>. ML 2.5 (GEN), 2.2 (STR), 2.2 (LDG).
13	20	24	51.1&	34.261	S	71.050	W	70					10	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 2.1 (GUC).
13	20	27	20.6*	21.605	S	173.529	E	33	N	4.5		1.3	20	VANUATU ISLANDS REGION
13	20	40	26.3	22.016	S	65.982	W	267		4.5		0.9	78	JUJUY PROVINCE, ARGENTINA
13	20	58	43.0&	36.290	N	4.500	W	55					11	STRAIT OF GIBRALTAR. <MDD>.
13	21	06	51.0	24.098	S	179.986	W	595	*	4.4		0.9	61	SOUTH OF FIJI ISLANDS
13	21	10	01.3&	45.460	N	6.410	E	2	G				14	FRANCE. <STR>. ML 2.3 (STR), 2.0 (LDG).
13	21	38	14.3&	40.450	N	28.199	E	5					6	TURKEY. <ISK>. MD 2.8 (ISK).
13	21	38	36.6&	37.537	N	118.808	W	2					8	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM).
13	22	11	56.2?	15.18	S	173.17	W	33	N	4.6		1.0	15	TONGA ISLANDS
13	22	16	30.1?	9.93	S	114.05	E	33	N	4.5		1.3	14	SOUTH OF BALI, INDONESIA
13	22	48	21.0	13.872	N	50.152	W	10	G	5.0	4.7	0.9	166	NORTH ATLANTIC OCEAN. Mw 5.3 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 22:48:26.1; Lat 13.95 N; Lon 50.06 W; Dep 15.0 Fix; Half-duration 1.1 sec; Principal axes (scale 10**17 Nm): (T) Val=1.23, Plg=3, Azm=154; (N) Val=-0.40, Plg=76, Azm=255; (P) Val=-0.83, Plg=14, Azm=63; Best double couple: Mo=1.0*10**17 Nm; NP1: Strike=199, Dip=78, Slip=-172; NP2: Strike=108, Dip=82, Slip=-12.
13	23	27	48.8&	60.108	N	152.951	W	119					19	SOUTHERN ALASKA. <AEIC>.
13	23	56	43.3?	15.63	S	66.88	E	10	G	4.0		1.2	10	MID-INDIAN RIDGE
14	00	05	16.9&	37.030	N	4.990	W	0					11	SPAIN. <MDD>. mbLg 1.7 (MDD).
14	00	24	41.7&	4.486	N	75.652	W	7					5	COLOMBIA. <RSNC>. ML 2.3 (RSNC).
14	00	51	27.8&	44.800	N	8.900	E	2					28	NORTHERN ITALY. <LDG>. ML 3.0 (GEN), 2.4 (STR).
14	01	05	24.6&	35.400	N	23.340	E	5					5	CRETE. <ATH>. ML 3.6 (ATH).
14	01	08	53.5&	39.001	N	26.756	E	5					8	TURKEY. <ISK>. MD 3.2 (ISK).
14	01	36	20.9*	39.404	N	72.765	E	33	N	3.7		0.8	8	KYRGYZSTAN
14	01	43	14.2&	32.991	S	69.986	W	116					14	MENDOZA PROVINCE, ARGENTINA. <GUC>. MD 3.5 (GUC).
14	01	44	15.3	2.947	S	128.907	E	33	N	4.6		1.2	26	CERAM SEA
14	02	17	04.2*	18.382	S	167.871	E	10	G	4.4		1.2	10	VANUATU ISLANDS
14	03	30	35.0&	38.550	N	2.160	W	13					7	SPAIN. <MDD>. mbLg 1.8 (MDD).
14	03	46	59.8&	44.519	N	7.461	E	5					5	NORTHERN ITALY. <GEN>. ML 1.6 (GEN).
14	04	25	02.3	30.397	S	72.366	W	33	N	3.9		1.0	23	OFF COAST OF CENTRAL CHILE
14	04	50	21.3*	32.491	N	141.686	E	42	D	3.7		1.1	12	SOUTH OF HONSHU, JAPAN
14	05	06	46.6*	32.433	N	141.734	E	40	D	3.8		1.0	14	SOUTH OF HONSHU, JAPAN
14	05	15	47.6?	15.30	S	66.93	E	10	G	4.4		1.0	8	MID-INDIAN RIDGE
14	05	45	17.7*	13.570	N	125.620	E	33	N	4.2		0.6	11	PHILIPPINE ISLANDS REGION
14	06	00	30.4&	44.316	N	7.290	E	15					5	NORTHERN ITALY. <GEN>. ML 1.8 (GEN).
14	06	54	31.8	57.564	N	146.234	W	10	G			0.4	20	GULF OF ALASKA. ML 2.9 (AEIC).
14	07	41	48.4*	13.065	S	169.051	E	674	?	4.3		0.8	23	VANUATU ISLANDS REGION
14	08	21	12.3&	39.998	N	25.590	E	10	G				8	AEGEAN SEA. <ISK>. MD 3.0 (ISK).
14	08	23	04.4&	39.174	N	28.136	E	13					5	TURKEY. <ISK>. MD 2.8 (ISK).
14	09	10	25.5&	35.033	N	32.417	E	10					10	CYPRUS REGION. <CSS>. ML 3.3 (CSS). MD 3.2 (ISK).
14	09	17	35.2*	17.874	S	178.615	W	600	G	4.4		0.8	21	FIJI ISLANDS REGION
14	09	24	12.7&	39.176	N	28.077	E	10	G				4	TURKEY. <ISK>. MD 2.7 (ISK).
14	09	51	14.3&	39.278	N	27.264	E	6					4	TURKEY. <ISK>. MD 2.9 (ISK).
14	10	00	44.4&	39.504	N	29.444	E	9					4	TURKEY. <ISK>. MD 2.5 (ISK).
14	10	16	08.9&	39.566	N	29.631	E	10					5	TURKEY. <ISK>. MD 2.6 (ISK).
14	10	52	04.6&	34.882	S	71.335	W	71					12	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 2.6 (GUC).
14	11	00	15.0&	39.606	N	29.595	E	9					5	TURKEY. <ISK>. MD 2.6 (ISK).
14	11	25	52.1*	42.263	N	139.067	E	108	?			0.7	10	HOKKAIDO, JAPAN REGION. Felt (I JMA) on Okushiri-to.
14	11	32	40.5*	24.287	N	124.736	E	33	N	4.5		1.3	20	SOUTHWESTERN RYUKYU ISLANDS
14	11	41	15.2&	57.773	N	153.515	W	46					28	KODIAK ISLAND REGION. <AEIC>. ML 2.8 (AEIC).
14	11	43	58.5*	20.657	S	70.604	W	43	*	4.5		1.1	10	NEAR COAST OF NORTHERN CHILE
14	12	48	09.9&	10.086	N	59.658	W	62					6	NORTH ATLANTIC OCEAN. <TRN>. MD 3.3 (TRN).
14	13	32	39.0&	63.115	N	148.773	W	75					32	CENTRAL ALASKA. <AEIC>.
14	13	38	59.3&	15.688	N	94.006	W	39					8	NEAR COAST OF OAXACA, MEXICO. <UNM>. MD 4.2 (UNM).
14	14	41	03.7	1.239	N	123.202	E	33	N	4.8		1.4	27	MINAHASSA PENINSULA, SULAWESI
14	15	23	51.6	25.465	N	142.897	E	33	N	4.6		0.6	18	VOLCANO ISLANDS REGION
14	15	42	10.1&	39.151	N	27.636	E	6					4	TURKEY. <ISK>. MD 2.7 (ISK).
14	16	00	20.3*	13.615	N	91.324	W	10	G			1.1	10	NEAR COAST OF GUATEMALA
14	16	44	42.4&	43.644	N	2.742	W	10	G			0.7	12	SPAIN. ML 2.6 (LDG).
14	17	39	28.0&	40.708	N	29.278	E	9					5	TURKEY. <ISK>. MD 2.7 (ISK).
14	18	15	22.2&	37.534	N	118.805	W	1					12	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.1 (GM).
14	18	17	16.7&	11.206	N	61.632	W	22					6	WINDWARD ISLANDS. <TRN>. MD 3.0 (TRN).
14	19	37	22.3&	44.297	N	7.327	E	11					8	NORTHERN ITALY. <GEN>. ML 1.4 (GEN).
14	20	11	15.3&	48.210	N	7.460	E	2	G				14	FRANCE. <STR>. ML 1.9 (STR), 1.9 (LDG).
14	20	26	33.5&	63.634	N	150.531	W	13					32	CENTRAL ALASKA. <AEIC>. ML 3.1 (AEIC), 3.4 (PMR). Felt at

													Kantishna.
14	20	40	40.7&	40.565	N	121.855	W	16				6	NORTHERN CALIFORNIA. <GM-P>. MD 2.9 (GM).
14	21	18	29.6	37.454	N	2.124	W	10	G		1.1	50	SPAIN. mbLg 3.7 (MDD). Felt (IV) at Albox and Cantoria; (III) at Albanchez, Arboleas, Chirivel, Lijar, Macael, Olula del Rio, Partaloa, Purchena, Tijola and Zurgena; (II) at Huercal-Overa, Lubrin, Oria, Seron and Vera.
14	21	26	26.4&	43.000	N	0.300	E	14				7	FRANCE. <LDG>. ML 2.2 (STR), 1.8 (LDG).
14	21	42	32.8&	37.551	N	118.770	W	10				9	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. ML 3.3 (GM).
14	21	47	26.0&	37.549	N	118.770	W	11				13	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. ML 3.5 (GM).
14	21	52	37.3&	37.390	N	2.150	W	1				21	SPAIN. <MDD>. mbLg 2.5 (MDD). Felt (III) at Albox.
14	22	33	44.0	42.127	N	7.961	W	10	G		0.9	9	SPAIN. mbLg 2.5 (MDD).
14	22	40	38.5&	37.471	N	118.818	W	8				15	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. ML 3.7 (GM), 3.7 (BRK). Double event. Second event about 23 seconds after onset.
14	22	49	42.7*	16.211	S	74.370	W	33	N		1.4	5	NEAR COAST OF PERU
14	23	07	04.9*	31.407	S	177.771	W	33	N	4.7 4.6	1.4	23	KERMADEC ISLANDS REGION
14	23	58	22.0&	37.473	N	118.816	W	8				9	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM).
15	00	36	58.2*	47.386	N	11.471	E	10	G		1.5	19	AUSTRIA. ML 2.7 (GRF), 2.6 (LDG), 2.6 (STR), 2.4 (VIE), 2.2 (FUR).
15	00	40	03.1	58.323	N	151.683	W	32	D	4.6 4.2	1.2	145	KODIAK ISLAND REGION. ML 5.1 (PMR), 4.7 (AEIC). Felt (IV) at Kodiak.
15	01	21	29.1*	23.853	N	122.623	E	33	N	4.0	1.3	9	TAIWAN REGION
15	01	24	31.4*	33.431	S	72.293	W	33	N		0.9	17	OFF COAST OF CENTRAL CHILE. MD 4.5 (GUC).
15	01	30	07.9&	44.461	N	7.274	E	8				9	NORTHERN ITALY. <GEN>. ML 1.8 (GEN).
15	02	16	34.9*	29.116	N	51.497	E	33	N	4.2	1.1	30	SOUTHERN IRAN
15	03	27	20.8&	60.157	N	153.148	W	131				35	SOUTHERN ALASKA. <AEIC>.
15	03	27	36.2*	31.295	S	178.132	W	132	?	4.6 4.8	1.0	31	KERMADEC ISLANDS REGION
15	03	40	53.1*	59.408	N	30.307	W	10	G	4.2 3.4	0.9	16	NORTH ATLANTIC OCEAN
15	03	45	32.5*	14.452	N	94.660	W	33	N	4.1	1.3	19	OFF COAST OF CHIAPAS, MEXICO. MD 4.1 (UNM).
15	03	47	01.8?	59.50	N	30.19	W	10	G	4.1	1.2	8	NORTH ATLANTIC OCEAN
15	04	16	53.7*	9.653	S	155.545	E	33	N	4.7 4.1	1.0	16	D'ENTRECASTEAUX ISLANDS REGION
15	04	45	23.8&	39.577	N	28.944	E	7				5	TURKEY. <ISK>. MD 2.8 (ISK).
15	04	54	28.9	59.675	N	29.921	W	10	G	4.2 4.0	1.1	33	NORTH ATLANTIC OCEAN
15	05	15	37.3&	34.167	N	116.441	W	10				29	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
15	05	32	27.6*	9.586	S	155.721	E	33	N	4.5	0.9	16	D'ENTRECASTEAUX ISLANDS REGION
15	06	07	15.1&	40.616	N	35.273	E	10	G			4	TURKEY. <ISK>. MD 2.9 (ISK).
15	06	12	01.5&	37.510	N	118.798	W	11				14	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM).
15	07	02	11.7&	40.756	N	35.759	E	10	G			4	TURKEY. <ISK>. MD 3.1 (ISK).
15	07	11	22.6*	8.512	S	106.674	E	33	N	4.5	0.6	10	SOUTH OF JAWA, INDONESIA
15	07	13	30.9&	10.912	N	62.078	W	71				5	NEAR COAST OF VENEZUELA. <TRN>. MD 2.8 (TRN).
15	07	18	36.8&	33.298	S	72.876	W	20				11	OFF COAST OF CENTRAL CHILE. <GUC>.
15	07	25	31.7&	44.274	N	7.428	E	16				4	NORTHERN ITALY. <GEN>. ML 1.5 (GEN).
15	07	40	08.0&	39.856	N	29.302	E	10	G			5	TURKEY. <ISK>. MD 2.6 (ISK).
15	07	47	34.6	43.050	N	146.120	E	33	N	5.4 4.8	0.7	227	KURIL ISLANDS. Mw 5.2 (HRV). Felt (III) at Yuzhno-Kurilsk, Kunashir. Also felt in eastern Hokkaido. Centroid, Moment Tensor (HRV): Centroid origin time 07:47:28.9; Lat 42.44 N; Lon 146.41 E; Dep 65.7; Half-duration 1.2 sec; Principal axes (scale 10**16 Nm): (T) Val=8.40, Plg=36, Azm=9; (N) Val=-1.15, Plg=48, Azm=226; (P) Val=-7.25, Plg=19, Azm=114; Best double couple: Mo=7.8*10**16 Nm; NP1: Strike=158, Dip=50, Slip=15; NP2: Strike=58, Dip=79, Slip=139.
15	07	50	13.5	39.729	N	120.500	W	5	G		0.8	25	NORTHERN CALIFORNIA. Mw 3.8 (BRK). ML 3.8 (GS). Felt at Graeagle, Portola and in the Frenchman Lake area. Also felt at Reno, Nevada. Moment Tensor (BRK): Dep 14; Principal axes (scale 10**14 Nm): (T) Val=5.67, Plg=8, Azm=93; (N) Val=0.00, Plg=12, Azm=1; (P) Val=-5.67, Plg=76, Azm=215; Best double couple: Mo=5.7*10**14 Nm; NP1: Strike=352, Dip=54, Slip=-105; NP2: Strike=197, Dip=39, Slip=-70.
15	07	51	01.2&	39.172	N	27.168	E	10	G			5	TURKEY. <ISK>. MD 3.0 (ISK).
15	07	51	46.9	39.699	N	120.529	W	5	G		0.8	17	NORTHERN CALIFORNIA. ML 3.7 (GS). Felt at Graeagle, Portola and in the Frenchman Lake area. Also felt at Reno, Nevada.
15	07	56	18.8	3.813	S	150.802	E	33	N	4.7	1.4	26	NEW IRELAND REGION, P.N.G.
15	08	05	43.1?	0.99	S	126.78	E	33	N	4.6	1.3	8	SOUTHERN MOLUCCA SEA
15	08	12	22.6&	13.884	N	60.695	W	15				4	WINDWARD ISLANDS. <FDF>. MG 2.3 (FDF).
15	08	13	38.6	43.095	N	144.440	E	94	D	4.8	1.0	26	HOKKAIDO, JAPAN REGION. Felt (III JMA) in the Kushiro area.
15	08	20	51.6*	50.253	N	18.848	E	5	G		1.2	5	POLAND. MG 2.8 (WAR).
15	09	00	36.0?	53.12	N	159.19	E	33	N	4.5	1.2	7	NEAR EAST COAST OF KAMCHATKA
15	09	13	25.8&	40.574	N	35.229	E	6				5	TURKEY. <ISK>. MD 2.9 (ISK).
15	09	19	05.5*	9.596	S	155.516	E	33	N	4.6	1.0	20	D'ENTRECASTEAUX ISLANDS REGION
15	10	32	29.2&	36.340	N	3.270	W	37				6	STRAIT OF GIBRALTAR. <MDD>.
15	10	32	52.9*	3.877	S	128.661	E	33	N	4.6	1.4	12	SERAM, INDONESIA
15	10	40	04.1	34.288	S	70.150	W	10	G	4.5	1.3	47	CHILE-ARGENTINA BORDER REGION. MD 4.8 (GUC).
15	10	43	01.9&	34.313	S	70.150	W	4				13	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.7 (GUC).
15	10	44	12.9*	19.271	N	121.117	E	33	N	4.1	1.3	14	PHILIPPINE ISLANDS REGION
15	10	46	53.6?	40.21	N	141.06	E	147	?	3.8	1.3	11	NEAR EAST COAST OF HONSHU, JAPAN
15	11	10	28.2*	47.927	N	13.862	E	10	G		1.4	7	AUSTRIA. ML 2.3 (VIE).
15	11	17	50.6	16.090	S	173.034	W	33	N	4.9 4.8	0.9	93	TONGA ISLANDS. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 11:17:49.6; Lat 16.58 S; Lon 172.33 W; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=7.28, Plg=26, Azm=291; (N) Val=-1.46, Plg=24, Azm=34; (P) Val=-5.82, Plg=53, Azm=161; Best double couple: Mo=6.6*10**16 Nm; NP1: Strike=339, Dip=29, Slip=-148; NP2: Strike=220, Dip=75, Slip=-65.
15	11	19	28.3?	43.26	N	2.76	W	10	G		1.5	6	SPAIN. ML 2.8 (STR). mbLg 2.3 (MDD).
15	11	22	13.3&	63.180	N	150.524	W	127				37	CENTRAL ALASKA. <AEIC>.
15	12	17	15.7&	53.793	N	164.082	W	19				14	UNIMAK ISLAND REGION. <AEIC>. ML 3.0 (AEIC).
15	12	30	05.7&	34.314	S	70.116	W	16				7	CHILE-ARGENTINA BORDER REGION. <GUC>.
15	12	33	06.7	31.575	N	141.765	E	33	N	4.9 4.8	1.0	77	SOUTH OF HONSHU, JAPAN. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 12:33:09.4; Lat 31.83 N; Lon 141.58 E; Dep 24.9; Half-

duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=7.57, Plg=59, Azm=294; (N) Val=-1.43, Plg=17, Azm=173; (P) Val=-6.15, Plg=25, Azm=74; Best double couple: Mo=6.9*10**16 Nm; NP1: Strike=131, Dip=25, Slip=45; NP2: Strike=359, Dip=72, Slip=108.

15	13	44	09.4*	28.949	N	139.448	E	475	*	4.1	0.9	15	BONIN ISLANDS REGION
15	13	48	29.9&	31.066	S	71.507	W	26				15	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.9 (GUC).
15	14	02	20.8&	34.275	S	70.095	W	4				10	CHILE-ARGENTINA BORDER REGION. <GUC>.
15	14	18	06.3&	42.700	N	0.500	E	2				7	PYRENEES. <LDG>. ML 2.3 (LDG), 2.2 (STR).
15	14	37	23.2&	34.283	S	70.149	W	5				14	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.8 (GUC).
15	14	50	19.3*	46.462	N	153.218	E	33	N	4.7	1.1	9	KURIL ISLANDS
15	15	06	12.7&	40.059	N	27.760	E	10	G			7	TURKEY. <ISK>. MD 2.9 (ISK).
15	15	09	08.3&	40.753	N	29.265	E	5				4	TURKEY. <ISK>. MD 2.5 (ISK).
15	15	17	59.8&	34.718	S	71.180	W	64				9	NEAR COAST OF CENTRAL CHILE. <GUC>.
15	15	27	44.6?	24.40	S	179.74	W	516	?	4.4	1.1	15	SOUTH OF FIJI ISLANDS
15	15	56	41.4?	3.59	S	101.77	E	33	N	4.1	0.9	7	SOUTHERN SUMATERA, INDONESIA
15	16	06	32.2&	32.453	N	95.973	E	33	N		1.0	8	XIZANG
15	16	07	05.4&	39.192	N	27.889	E	10	G			7	TURKEY. <ISK>. MD 3.0 (ISK).
15	16	13	26.3&	59.940	N	152.556	W	81				69	SOUTHERN ALASKA. <AEIC>.
15	16	35	30.4?	9.48	S	155.54	E	33	N	4.0	1.2	7	D'ENTRECASTEAUX ISLANDS REGION
15	16	36	41.2?	14.55	S	71.38	W	96	?	3.7	0.6	5	CENTRAL PERU
15	17	10	10.8&	43.000	N	0.200	W	2				9	PYRENEES. <LDG>. ML 2.3 (LDG), 2.3 (STR).
15	17	15	50.3	9.689	S	155.627	E	33	N	4.9 4.8	0.9	25	D'ENTRECASTEAUX ISLANDS REGION. Mw 5.2 (HRV).

Centroid, Moment Tensor (HRV): Centroid origin time 17:15:52.2; Lat 9.65 S; Lon 155.77 E; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=6.76, Plg=2, Azm=170; (N) Val=1.55, Plg=11, Azm=260; (P) Val=-8.31, Plg=79, Azm=68; Best double couple: Mo=7.5*10**16 Nm; NP1: Strike=248, Dip=44, Slip=-106; NP2: Strike=90, Dip=48, Slip=-75.

15	18	34	51.5&	17.411	N	62.367	W	150				4	LEEWARD ISLANDS. <FDF>. MG 3.3 (FDF).
15	18	45	27.5&	43.831	N	7.867	E	8				19	NEAR SOUTH COAST OF FRANCE. <GEN>. ML 2.3 (GEN), 2.0 (LDG), 1.9 (STR).
15	18	58	43.7*	31.052	S	178.618	W	293	?	4.4	1.1	28	KERMADEC ISLANDS REGION
15	19	27	14.8*	32.808	S	68.292	W	33	N		0.7	14	MENDOZA PROVINCE, ARGENTINA. MD 3.8 (GUC).
15	19	42	46.1	9.525	S	155.423	E	33	N	4.6 3.8	1.0	21	D'ENTRECASTEAUX ISLANDS REGION
15	20	31	13.1	39.408	N	28.017	E	10	G		0.6	14	TURKEY. MD 3.6 (ATH), 3.2 (ISK).
15	20	36	56.7&	39.373	N	27.961	E	5				4	TURKEY. <ISK>. MD 2.6 (ISK).
15	20	42	05.9	18.386	N	97.436	W	70	G	6.4 6.5	1.1	516	CENTRAL MEXICO. Mw 7.0 (HRV), 6.9 (GS). Me 6.7 (GS).

Fourteen people killed, about 200 injured and considerable damage (VIII) to thousands of buildings and several bridges in Puebla; one person killed by a landslide, dozens injured and damage to buildings and bridges in Veracruz; one person killed, dozens injured, many buildings and roads damaged in Oaxaca; one person killed and some buildings damaged in Morelos; one person died of a heart attack and some buildings damaged in Guerrero; two people died of heart attacks and minor damage to buildings in the Distrito Federal. Dozens injured and damage in the states of Mexico and Tlaxcala; two people injured in Hidalgo. A railroad was damaged between Calco and Mixquic. Felt in much of central and southern Mexico from Aguascalientes to Chiapas.

Broadband Source Parameters (GS): Dep 63; NP1: Strike=300, Dip=40, Slip=-105; NP2: Strike=139, Dip=52, Slip=-78; Radiated energy 2.2*10**14 Nm. Complex earthquake, with at least one event occurring about 3 seconds after the onset. Depth based on second event.

Moment Tensor (GS): Dep 67; Principal axes (scale 10**19 Nm): (T) Val=2.55, Plg=4, Azm=214; (N) Val=0.01, Plg=4, Azm=124; (P) Val=-2.56, Plg=84, Azm=344; Best double couple: Mo=2.6*10**19 Nm; NP1: Strike=309, Dip=42, Slip=-83; NP2: Strike=120, Dip=49, Slip=-96.

Centroid, Moment Tensor (HRV): Centroid origin time 20:42:13.0; Lat 18.44 N; Lon 97.38 W; Dep 61.2; Half-duration 7.5 sec; Principal axes (scale 10**19 Nm): (T) Val=3.01, Plg=6, Azm=214; (N) Val=0.18, Plg=4, Azm=123; (P) Val=-3.18, Plg=83, Azm=354; Best double couple: Mo=3.1*10**19 Nm; NP1: Strike=309, Dip=40, Slip=-83; NP2: Strike=119, Dip=51, Slip=-96.

Scalar Moment (PPT): Mo=4.0*10**19 Nm.

15	20	44	18.5&	11.209	N	61.604	W	22				6	WINDWARD ISLANDS. <TRN>. MD 3.1 (TRN).
15	20	49	45.7&	40.120	S	174.860	E	5				12	COOK STRAIT, NEW ZEALAND. <WEL>. ML 4.2 (WEL).
15	21	38	09.2&	45.200	N	7.300	E	2				4	NORTHERN ITALY. <LDG>. ML 1.5 (LDG).
15	21	52	19.6	17.316	N	95.628	W	98		4.5	1.2	46	OAXACA, MEXICO. MD 4.2 (UNM).
15	21	56	42.2&	34.342	S	70.489	W	106				11	CHILE-ARGENTINA BORDER REGION. <GUC>.
15	22	37	48.2*	6.508	S	147.066	E	33	N	4.1	1.5	12	EASTERN NEW GUINEA REG., P.N.G.
15	23	12	09.2&	43.100	N	0.500	W	2				17	PYRENEES. <LDG>. ML 2.7 (LDG), 2.5 (STR). mbLg 2.3 (MDD).
15	23	13	03.4&	43.100	N	0.600	W	2				18	PYRENEES. <LDG>. ML 2.7 (LDG), 2.6 (STR). mbLg 2.7 (MDD).
15	23	36	46.9&	43.100	N	0.500	W	2				7	PYRENEES. <LDG>. ML 2.2 (STR), 1.7 (LDG).
15	23	47	47.8	7.389	N	126.752	E	33	N	4.5	1.1	22	MINDANAO, PHILIPPINE ISLANDS
16	00	34	38.6*	8.421	N	125.902	E	33	N	4.7	1.1	20	MINDANAO, PHILIPPINE ISLANDS
16	01	14	21.0&	30.906	S	71.880	W	19				14	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.0 (GUC).
16	01	17	00.4*	9.637	S	155.603	E	33	N	4.2	0.7	12	D'ENTRECASTEAUX ISLANDS REGION
16	01	24	54.0&	36.470	N	6.990	W	1				9	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.0 (MDD).
16	01	38	55.0?	14.01	S	169.96	E	646	?	4.4	0.5	11	VANUATU ISLANDS
16	02	19	18.0&	45.180	N	16.090	E	6				7	NORTHWESTERN BALKAN REGION. <ZAG>. ML 2.7 (VIE).
16	02	29	02.0&	45.200	N	16.080	E	12				6	NORTHWESTERN BALKAN REGION. <ZAG>. ML 2.5 (VIE).
16	02	40	23.4&	53.457	N	165.089	W	35				9	FOX ISLANDS, ALEUTIAN ISLANDS. <AEIC>. ML 3.0 (AEIC).
16	03	55	04.7&	40.695	N	29.188	E	5				7	TURKEY. <ISK>. MD 2.9 (ISK).
16	03	59	05.1	18.091	N	97.738	W	33	N		1.3	16	CENTRAL MEXICO. MD 3.9 (UNM).
16	04	24	45.3*	23.934	S	66.679	W	192	*	3.6	0.8	10	JUJUY PROVINCE, ARGENTINA
16	04	50	44.0&	46.110	N	16.990	E	9				7	NORTHWESTERN BALKAN REGION. <ZAG>. ML 2.6 (VIE).
16	04	54	56.9&	32.462	S	70.876	W	79				14	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.1 (GUC).

16	05	07	30.8&	59.807	N	153.194	W	121				73	SOUTHERN ALASKA. <AEIC>.
16	05	12	27.7&	37.359	N	28.943	E	8				7	TURKEY. <ISK>. MD 3.5 (ISK).
16	06	59	47.4	9.654	S	155.538	E	33	N	4.7 4.5	0.6	23	D'ENTRECASTEAUX ISLANDS REGION
16	07	00	09.4?	36.45	N	70.66	E	300	G	3.7	0.5	11	HINDU KUSH REGION, AFGHANISTAN
16	07	08	23.0?	34.43	N	138.16	E	267	*		1.2	7	NEAR S. COAST OF HONSHU, JAPAN
16	07	25	33.7&	36.689	N	29.164	E	10	G			5	TURKEY. <ISK>. MD 3.4 (ISK).
16	07	48	56.6?	15.99	S	173.16	W	33	N	4.3	0.7	10	TONGA ISLANDS
16	07	53	27.5&	39.256	N	27.004	E	5				4	TURKEY. <ISK>. MD 2.8 (ISK).
16	07	56	09.7	51.572	N	16.178	E	5	G		0.7	12	POLAND. ML 3.8 (GRF), 3.7 (VIE).
16	07	56	23.5&	34.281	S	70.131	W	6				13	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.3 (GUC).
16	08	06	56.9&	39.306	N	27.462	E	10				4	TURKEY. <ISK>. MD 2.8 (ISK).
16	08	16	19.6&	39.614	N	29.531	E	10	G			4	TURKEY. <ISK>. MD 2.6 (ISK).
16	08	55	53.7&	40.632	N	35.264	E	10	G			4	TURKEY. <ISK>. MD 3.0 (ISK).
16	09	26	33.9*	9.452	S	155.368	E	33	N	4.7 3.9	1.3	15	D'ENTRECASTEAUX ISLANDS REGION
16	10	04	23.5&	63.892	N	126.902	W	5	G		0.7	5	NORTHWEST TERRITORIES, CANADA
16	12	23	27.3*	2.579	S	138.751	E	33	N	4.4	0.7	11	IRIAN JAYA, INDONESIA
16	12	37	32.0&	46.930	N	111.920	W	4				5	MONTANA. <BUT-P>. ML 3.2 (BUT).
16	13	27	22.1&	18.239	N	97.560	W	62				5	CENTRAL MEXICO. <UNM>. MD 3.8 (UNM).
16	13	59	51.0&	60.315	N	152.272	W	84				41	SOUTHERN ALASKA. <AEIC>.
16	14	04	04.9*	41.018	S	43.117	E	10	G	4.8 4.7	1.1	20	PRINCE EDWARD ISLANDS REGION
16	14	50	56.7	40.937	N	33.880	E	10	G	4.2	1.1	53	TURKEY. MD 4.1 (ISK). Felt in the Cankiri and Kastamonu regions.
16	14	52	08.7*	9.489	S	155.314	E	33	N	4.8	1.1	23	D'ENTRECASTEAUX ISLANDS REGION
16	15	42	10.0?	21.94	S	170.73	E	150	?	4.4	1.1	15	LOYALTY ISLANDS REGION
16	15	51	11.9?	41.00	S	43.01	E	10	G	3.9 3.3	0.8	7	SOUTHWEST INDIAN RIDGE
16	16	16	40.4	40.273	N	27.363	E	10	G		0.7	9	TURKEY. MD 3.0 (ISK).
16	16	23	15.8&	40.610	N	27.635	E	10	G			4	TURKEY. <ISK>. MD 2.5 (ISK).
16	16	34	41.4*	40.414	S	43.539	E	10	G	4.1 3.4	1.1	12	SOUTHWEST INDIAN RIDGE
16	16	38	28.0&	44.750	N	111.000	W	3				45	HEBGEN LAKE REGION. <SLC-P>. ML 3.5 (SLC), 3.9 (BUT).
16	16	39	49.0&	44.750	N	111.000	W	3				22	HEBGEN LAKE REGION. <SLC-P>. ML 3.1 (SLC), 3.8 (BUT).
16	16	51	37.8*	9.112	S	74.969	W	125	?	4.0	0.6	10	CENTRAL PERU
16	16	55	29.1&	6.762	N	121.684	E	33	N		1.0	8	MINDANAO, PHILIPPINE ISLANDS
16	16	57	49.6&	32.769	S	71.990	W	12				12	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.3 (GUC).
16	17	08	17.6&	40.697	N	35.249	E	10	G			4	TURKEY. <ISK>. MD 3.2 (ISK).
16	17	21	25.7*	30.689	S	178.653	W	82	?	5.1	1.3	45	KERMADEC ISLANDS, NEW ZEALAND
16	18	23	48.4&	34.275	S	70.093	W	6				9	CHILE-ARGENTINA BORDER REGION. <GUC>.
16	18	35	59.2	17.037	S	173.362	W	75	D	5.6 5.2	0.9	164	TONGA ISLANDS. Mw 5.8 (GS), 5.8 (HRV). Moment Tensor (GS): Dep 70; Principal axes (scale 10**17 Nm): (T) Val=6.21, Plg=25, Azm=254; (N) Val=0.05, Plg=14, Azm=158; (P) Val=-6.26, Plg=61, Azm=41; Best double couple: Mo=6.2*10**17 Nm; NP1: Strike=13, Dip=23, Slip=-52; NP2: Strike=153, Dip=72, Slip=-105. Centroid, Moment Tensor (HRV): Centroid origin time 18:36:03.3; Lat 17.05 S; Lon 173.02 W; Dep 76.4; Half-duration 2.1 sec; Principal axes (scale 10**17 Nm): (T) Val=5.38, Plg=32, Azm=243; (N) Val=0.31, Plg=5, Azm=150; (P) Val=-5.70, Plg=57, Azm=51; Best double couple: Mo=5.5*10**17 Nm; NP1: Strike=353, Dip=14, Slip=-67; NP2: Strike=149, Dip=77, Slip=-96.
16	18	52	21.0&	33.665	S	70.425	W	16				12	CHILE-ARGENTINA BORDER REGION. <GUC>.
16	19	18	00.8&	14.191	N	61.043	W	13				5	WINDWARD ISLANDS. <FDF>. MG 2.6 (FDF).
16	19	19	48.1&	33.790	S	71.887	W	15				12	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.4 (GUC).
16	19	26	48.0&	19.024	N	98.496	W	9				13	CENTRAL MEXICO. <UNM>. MD 3.6 (UNM).
16	19	32	32.8	14.965	S	175.854	W	33	N	5.1 5.5	1.2	97	SAMOA ISLANDS REGION. Mw 5.9 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 19:32:36.3; Lat 14.81 S; Lon 175.61 W; Dep 15.0 Fix; Half-duration 2.1 sec; Principal axes (scale 10**17 Nm): (T) Val=7.36, Plg=6, Azm=337; (N) Val=-1.26, Plg=84, Azm=167; (P) Val=-6.10, Plg=1, Azm=67; Best double couple: Mo=6.7*10**17 Nm; NP1: Strike=112, Dip=85, Slip=3; NP2: Strike=22, Dip=87, Slip=175.
16	20	01	21.9*	40.779	S	43.172	E	10	G	4.7	0.7	19	SOUTHWEST INDIAN RIDGE
16	20	12	03.2&	34.216	S	70.119	W	8				11	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.4 (GUC).
16	21	21	36.3&	32.014	S	70.361	W	116				13	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.3 (GUC).
16	21	01	26.9&	19.115	N	98.567	W	13				5	CENTRAL MEXICO. <UNM>. MD 3.5 (UNM).
16	21	19	16.7&	42.590	N	1.940	E	2	G			10	PYRENEES. <STR>. ML 2.5 (STR), 2.2 (LDG).
16	22	28	31.8?	40.85	S	43.36	E	10	G	3.8	0.9	8	SOUTHWEST INDIAN RIDGE
16	22	35	38.7	52.408	N	176.748	E	100	G	4.4	1.0	62	RAT ISLANDS, ALEUTIAN ISLANDS
16	23	00	42.8&	34.671	S	70.861	W	107				13	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.2 (GUC).
16	23	08	20.1&	60.500	N	147.176	W	7				55	SOUTHERN ALASKA. <AEIC>. ML 2.7 (AEIC).
16	23	18	30.4&	41.013	N	33.957	E	10	G			4	TURKEY. <ISK>. MD 3.0 (ISK).
16	23	25	22.8	50.688	N	19.300	E	5	G		0.7	6	POLAND. MG 2.7 (WAR).
16	23	36	06.6&	34.246	S	70.104	W	5				7	CHILE-ARGENTINA BORDER REGION. <GUC>.
16	23	37	18.3*	40.860	S	43.128	E	10	G	4.6 4.8	1.1	23	SOUTHWEST INDIAN RIDGE
16	23	56	49.0&	57.814	N	156.171	W	117				61	ALASKA PENINSULA. <AEIC>.
17	00	03	56.7*	44.953	N	149.620	E	33	N	3.9	1.0	9	KURIL ISLANDS
17	00	21	18.2&	34.972	N	117.024	W	7				29	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
17	00	32	58.3	52.428	N	158.216	E	33	N	4.7 3.8	0.9	65	NEAR EAST COAST OF KAMCHATKA
17	01	09	20.1&	36.720	N	7.300	W	2				17	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.1 (MDD).
17	01	11	08.2&	34.011	N	118.213	W	6				30	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS). Felt in the Los Angeles area.
17	01	11	50.0&	34.009	N	118.219	W	9				23	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS). Felt in the Los Angeles area.
17	01	13	37.2*	40.868	S	43.156	E	10	G	4.8 4.4	1.0	29	SOUTHWEST INDIAN RIDGE
17	01	15	53.1*	3.283	S	143.251	E	33	N	4.2	1.2	6	NEAR N COAST OF NEW GUINEA, PNG.
17	01	45	25.0*	14.285	N	145.945	E	95	*	4.5	1.0	25	MARIANA ISLANDS
17	01	52	22.5*	9.567	S	155.612	E	28	D	4.5	1.1	13	D'ENTRECASTEAUX ISLANDS REGION
17	02	14	56.5	9.657	S	155.541	E	21	D	4.7 4.6	0.4	16	D'ENTRECASTEAUX ISLANDS REGION
17	02	20	21.1	51.970	N	2.511	W	10	G		1.2	24	UNITED KINGDOM. ML 3.0 (LDG). Felt at Cradley.
17	02	22	24.1&	49.170	N	6.830	E	1	G			14	GERMANY. <STR>. ML 2.1 (STR), 1.9 (FBB).
17	02	28	54.1	11.202	N	62.221	W	124			0.7	13	WINDWARD ISLANDS. MD 3.6 (TRN).
17	02	48	58.0&	58.234	N	151.729	W	5				36	KODIAK ISLAND REGION. <AEIC>. ML 2.7 (AEIC).
17	03	20	34.1&	42.600	N	1.900	E	5				10	PYRENEES. <LDG>. ML 2.3 (STR), 2.0 (LDG).

17	03	34	30.1&	32.149	S	71.255	W	73					14	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 2.9 (GUC).
17	04	24	11.4&	38.552	N	28.487	E	10		4.0			60	TURKEY. <ISK>. MD 4.1 (ATH), 3.7 (ISK).
17	04	26	52.5&	18.372	N	97.694	W	63					18	CENTRAL MEXICO. <UNM>. MD 3.7 (UNM).
17	05	15	54.8?	40.74	S	43.30	E	10	G			1.0	8	SOUTHWEST INDIAN RIDGE
17	05	22	14.2*	45.677	N	17.470	E	10	G	4.2		1.2	27	NORTHWESTERN BALKAN REGION. ML 3.9 (ZAG), 3.6 (VIE). Felt at Koprivnica, Croatia.
17	06	12	53.5&	33.449	S	70.828	W	77					11	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.3 (GUC).
17	06	35	57.8	30.496	N	138.692	E	428		4.1		0.2	17	SOUTH OF HONSHU, JAPAN
17	07	09	11.3&	40.556	N	27.489	E	6					6	TURKEY. <ISK>. MD 2.7 (ISK).
17	07	26	16.4&	33.451	S	72.191	W	35					12	OFF COAST OF CENTRAL CHILE. <GUC>. MD 4.2 (GUC).
17	07	38	07.2&	34.219	S	70.063	W	0					10	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.1 (GUC).
17	07	38	55.1*	51.721	N	170.587	W	51	D	4.1		1.3	22	FOX ISLANDS, ALEUTIAN ISLANDS
17	07	42	28.3&	44.289	N	7.541	E	9					8	NORTHERN ITALY. <GEN>. ML 2.2 (GEN).
17	07	46	59.8&	15.994	N	60.831	W	24					8	LEEWARD ISLANDS. <FDF>. MG 2.7 (FDF).
17	07	50	39.1	1.235	N	127.558	E	216	*	5.1		1.1	60	HALMAHERA, INDONESIA
17	08	06	54.7&	39.834	N	29.320	E	10	G				4	TURKEY. <ISK>. MD 2.6 (ISK).
17	08	53	07.3*	15.083	N	60.300	W	33	N			0.2	9	LEEWARD ISLANDS. MG 3.0 (FDF).
17	09	02	08.4&	37.552	N	118.799	W	8					13	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM).
17	09	03	38.2&	39.678	N	29.443	E	10	G				4	TURKEY. <ISK>. MD 2.6 (ISK).
17	10	18	04.6	32.477	N	24.091	E	33	N	4.1		1.2	78	NEAR COAST OF LIBYA
17	10	34	05.4&	35.930	N	24.220	E	64					11	CRETE. <ATH>.
17	11	08	50.8	22.446	S	66.112	W	249	*	4.5		0.9	43	JUJUY PROVINCE, ARGENTINA
17	11	23	26.5*	40.647	N	143.515	E	33	N	4.2		1.3	18	OFF EAST COAST OF HONSHU, JAPAN
17	11	30	35.7&	34.803	S	71.130	W	90					13	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 2.7 (GUC).
17	11	49	37.5&	40.749	N	34.144	E	15					4	TURKEY. <ISK>. MD 2.9 (ISK).
17	12	13	06.4*	41.389	N	72.237	E	33	N	4.0		0.7	11	KYRGYZSTAN
17	12	19	09.3?	17.90	N	46.48	W	10	G	4.4		0.8	9	NORTHERN MID-ATLANTIC RIDGE
17	12	32	56.4*	31.999	N	140.940	E	71	*	4.5		1.0	15	SOUTH OF HONSHU, JAPAN
17	12	34	54.6	10.779	N	41.270	E	10	G	4.5		0.8	20	ETHIOPIA. ML 4.8 (ARO).
17	12	44	20.3&	33.515	S	71.984	W	14					14	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.8 (GUC).
17	12	44	29.0&	39.420	N	121.500	W	5					6	NORTHERN CALIFORNIA. <GM-P>. MD 2.9 (GM).
17	13	06	32.5&	59.883	N	153.257	W	128		2.9			34	SOUTHERN ALASKA. <AEIC>.
17	13	26	42.4	47.250	N	10.612	E	10	G			0.9	11	AUSTRIA. ML 1.8 (VIE).
17	13	36	20.5&	14.991	N	60.546	W	32					9	WINDWARD ISLANDS. <FDF>. MG 2.9 (FDF).
17	13	39	12.9&	39.210	N	27.326	E	10	G				5	TURKEY. <ISK>. MD 2.9 (ISK).
17	14	23	01.8*	27.996	N	34.487	E	10	G	4.3		0.9	19	RED SEA. ML 4.3 (GII).
17	15	02	19.4	41.965	N	81.773	E	33	N	5.1	4.6	0.9	199	SOUTHERN XINJIANG, CHINA. Felt at Baicheng, Kuqa and Xinyuan.
17	15	07	30.0&	60.414	N	151.486	W	63					30	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.5 (AEIC).
17	15	08	27.8*	40.593	S	43.162	E	10	G	4.5		1.2	9	SOUTHWEST INDIAN RIDGE
17	15	08	38.7	41.982	N	81.745	E	33	N	5.0		1.0	131	SOUTHERN XINJIANG, CHINA
17	15	11	55.8*	41.953	N	81.774	E	33	N	4.6		1.0	16	SOUTHERN XINJIANG, CHINA
17	15	31	33.6&	32.109	S	71.532	W	36					12	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.6 (GUC).
17	15	40	05.6&	42.700	N	1.900	E	3					4	PYRENEES. <LDG>. ML 2.3 (LDG).
17	16	47	16.3&	42.590	N	1.930	E	2	G				10	PYRENEES. <STR>. ML 2.5 (STR), 2.4 (LDG).
17	17	03	26.4	22.217	S	67.268	W	165		4.5		1.0	39	CHILE-BOLIVIA BORDER REGION
17	18	43	59.8	31.393	S	69.228	W	119		4.1		0.9	35	SAN JUAN PROVINCE, ARGENTINA. MD 4.3 (GUC).
17	18	50	19.0&	33.655	S	70.827	W	81					13	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.3 (GUC).
17	19	07	32.1	44.753	N	110.999	W	5	G			0.6	19	YELLOWSTONE REGION, WYOMING. ML 3.1 (BUT).
17	19	19	19.6&	60.189	N	152.597	W	92					43	SOUTHERN ALASKA. <AEIC>.
17	19	27	15.4*	51.587	N	16.120	E	5	G			1.1	10	POLAND. ML 3.3 (VIE).
17	19	53	30.8&	16.798	N	98.477	W	69					5	NEAR COAST OF GUERRERO, MEXICO. <UNM>. MD 3.9 (UNM).
17	20	10	22.8&	38.415	N	28.445	E	5					17	TURKEY. <ISK>. MD 3.8 (ATH), 3.4 (ISK).
17	20	35	29.0?	40.67	S	43.28	E	10	G	4.4		1.1	5	SOUTHWEST INDIAN RIDGE
17	21	12	15.2&	38.240	N	0.030	E	1					43	SPAIN. <MDD>. ML 3.1 (LDG). mbLg 2.9 (MDD). Felt (II) in the Alicante area.
17	21	41	33.9&	61.199	N	146.386	W	15					33	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
17	22	18	36.9*	33.078	N	136.353	E	442				0.5	8	NEAR S. COAST OF WESTERN HONSHU
17	22	41	01.8?	13.27	N	145.47	E	54	?	4.0		1.3	6	MARIANA ISLANDS
17	23	50	10.3&	39.633	N	28.861	E	10	G				4	TURKEY. <ISK>. MD 2.7 (ISK).
18	00	35	11.8&	35.845	S	71.144	W	146					13	CENTRAL CHILE. <GUC>. MD 3.2 (GUC).
18	00	51	45.2	46.049	N	14.777	E	10	G			0.4	6	NORTHWESTERN BALKAN REGION. ML 1.7 (VIE).
18	01	27	33.0&	43.180	N	110.750	W	7					26	WYOMING. <USBR>. MD 3.0 (USBR). ML 3.5 (BUT).
18	01	59	30.6&	37.100	N	3.580	W	0	G				7	SPAIN. <MDD>. mbLg 1.9 (MDD).
18	02	00	49.0?	46.06	N	14.77	E	10	G			0.3	4	NORTHWESTERN BALKAN REGION. ML 1.4 (VIE).
18	02	04	20.9&	38.520	N	21.530	E	5					4	GREECE. <ATH>. MD 2.9 (ATH).
18	02	05	20.8&	39.018	N	27.568	E	5					4	TURKEY. <ISK>. MD 2.8 (ISK).
18	02	20	39.8?	36.08	N	44.50	E	33	N	4.4		0.9	18	IRAN-IRAQ BORDER REGION
18	02	23	13.2*	9.998	N	125.777	E	106	*	4.7		0.9	23	MINDANAO, PHILIPPINE ISLANDS
18	02	31	08.7	34.141	N	25.215	E	33	N			1.0	19	CRETE. MD 3.9 (ATH).
18	02	40	51.6&	42.418	N	19.254	E	18					9	NORTHWESTERN BALKAN REGION. <PDG>. MD 1.4 (PDG).
18	02	51	19.8*	12.399	S	166.905	E	279	?	4.3		1.3	53	SANTA CRUZ ISLANDS
18	04	37	12.2&	38.280	N	21.790	E	5					4	GREECE. <ATH>. MD 3.1 (ATH).
18	05	31	22.2	37.515	N	115.715	W	5	G			0.6	10	SOUTHERN NEVADA. ML 3.2 (GS).
18	05	38	48.1&	37.562	N	118.799	W	5					10	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM).
18	05	42	24.5&	53.779	N	163.918	W	25					16	UNIMAK ISLAND REGION. <AEIC>. ML 2.9 (AEIC).
18	06	14	26.0*	5.578	S	147.486	E	149	*	4.6		1.4	15	EASTERN NEW GUINEA REG., P.N.G.
18	07	08	11.8?	38.26	N	141.47	E	85	?	3.9		1.1	13	NEAR EAST COAST OF HONSHU, JAPAN. Felt (II JMA) in southeastern Iwate and northeastern Miyagi Prefectures.
18	07	19	42.1*	35.999	N	137.490	E	244		3.4		1.2	12	EASTERN HONSHU, JAPAN
18	08	16	23.4&	39.597	N	29.427	E	5					4	TURKEY. <ISK>. MD 2.8 (ISK).
18	10	00	53.4&	62.180	N	149.576	W	7					32	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
18	10	23	59.9*	14.184	N	92.345	W	60	*	4.4		0.9	32	NEAR COAST OF CHIAPAS, MEXICO
18	10	55	25.7	5.514	N	126.639	E	33	N	6.1	6.1	0.9	268	MINDANAO, PHILIPPINE ISLANDS. Mw 6.4 (HRV), 6.3 (GS). Me 6.4 (GS). Felt (II) at Bitung, Indonesia.

Broadband Source Parameters (GS): Dep 35; NP1: Strike=268, Dip=62, Slip=140; NP2: Strike=20, Dip=55, Slip=35; Radiated energy 9.5*10**13 Nm.

Moment Tensor (GS): Dep 39; Principal axes (scale 10**18 Nm): (T) Val=3.80, Plg=53, Azm=234; (N) Val=-0.20, Plg=37, Azm=49; (P) Val=-3.59, Plg=2, Azm=141; Best double couple: Mo=3.7*10**18 Nm; NP1: Strike=263, Dip=54, Slip=139; NP2: Strike=20, Dip=58, Slip=44.

Centroid, Moment Tensor (HRV): Centroid origin time

10:55:31.5; Lat 5.52 N; Lon 127.01 E; Dep 45.0 Bdy; Half-duration 4.1 sec; Principal axes (scale 10**18 Nm): (T) Val=4.36, Plg=38, Azm=226; (N) Val=1.53, Plg=52, Azm=45; (P) Val=-5.88, Plg=1, Azm=136; Best double couple: Mo=5.1*10**18 Nm; NP1: Strike=264, Dip=64, Slip=151; NP2: Strike=8, Dip=65, Slip=29.

18	11	18	40.2*	5.466	N	126.813	E	33	N	4.5		1.4	28	MINDANAO, PHILIPPINE ISLANDS
18	11	43	13.0&	34.976	N	117.021	W	7					28	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
18	12	46	37.2&	40.918	N	33.917	E	10	G				7	TURKEY. <ISK>. MD 3.8 (ISK). Felt in Kastamonu Province.
18	12	54	34.0*	43.627	N	82.501	E	33	N			0.8	9	NORTHERN XINJIANG, CHINA
18	12	59	53.0?	49.21	S	121.35	E	10	G	4.3		1.4	9	SOUTH OF AUSTRALIA
18	13	26	33.0*	17.771	S	178.652	W	550	G	4.6		0.8	30	FIJI ISLANDS REGION
18	13	38	45.9*	5.481	N	127.018	E	33	N	4.3		1.5	13	PHILIPPINE ISLANDS REGION
18	13	39	19.7&	34.870	N	26.170	E	5					4	CRETE. <ATH>. MD 3.7 (ATH).
18	13	52	57.4?	5.57	N	126.34	E	33	N			1.3	7	MINDANAO, PHILIPPINE ISLANDS
18	14	05	58.4*	51.287	N	169.020	W	33	N	3.8		1.0	7	FOX ISLANDS, ALEUTIAN ISLANDS
18	14	14	15.5&	63.339	N	145.306	W	7					15	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
18	14	26	24.0	22.537	S	169.777	E	18	*	5.1	4.7	1.0	64	LOYALTY ISLANDS REGION. Mw 5.4 (HRV).

Centroid, Moment Tensor (HRV): Centroid origin time 14:26:25.1; Lat 23.09 S; Lon 169.44 E; Dep 15.0 Fix; Half-duration 1.1 sec; Principal axes (scale 10**17 Nm): (T) Val=1.53, Plg=8, Azm=220; (N) Val=0.12, Plg=73, Azm=102; (P) Val=-1.64, Plg=15, Azm=312; Best double couple: Mo=1.6*10**17 Nm; NP1: Strike=355, Dip=74, Slip=-5; NP2: Strike=87, Dip=85, Slip=-164.

18	14	29	10.4*	17.963	S	172.939	W	33	N	4.9		1.1	53	TONGA ISLANDS REGION
18	14	52	00.4*	9.319	N	126.569	E	33	N	4.8		1.2	28	MINDANAO, PHILIPPINE ISLANDS
18	15	00	23.1?	5.64	N	126.98	E	33	N	4.5		1.5	12	MINDANAO, PHILIPPINE ISLANDS
18	15	02	43.3&	40.308	N	29.195	E	11					5	TURKEY. <ISK>. MD 2.6 (ISK).
18	15	09	33.5*	52.075	N	170.652	W	33	N	4.1		0.9	21	FOX ISLANDS, ALEUTIAN ISLANDS
18	15	30	21.6&	41.280	N	21.050	E	5					16	NORTHWESTERN BALKAN REGION. <SKO>. MD 3.3 (PDG).
18	15	33	13.8	6.608	S	154.928	E	83	*	4.4		0.9	22	SOLOMON ISLANDS
18	16	18	38.5	45.655	N	148.974	E	141	*	4.3		1.2	48	KURIL ISLANDS
18	17	08	31.7&	33.600	S	70.861	W	71					13	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 1.7 (GUC).
18	17	43	06.5	11.592	N	60.900	W	33	N	4.1		1.3	18	WINDWARD ISLANDS. MD 4.0 (TRN).
18	18	16	57.1?	6.15	S	150.31	E	54	?	4.1		1.0	7	NEW BRITAIN REGION, P.N.G.
18	19	16	47.7	5.493	N	126.771	E	33	N	5.0	4.1	0.9	62	MINDANAO, PHILIPPINE ISLANDS. Mw 5.2 (HRV).

Centroid, Moment Tensor (HRV): Centroid origin time 19:16:56.5; Lat 5.38 N; Lon 126.60 E; Dep 35.6; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=4.76, Plg=82, Azm=63; (N) Val=3.20, Plg=7, Azm=210; (P) Val=-7.95, Plg=4, Azm=301; Best double couple: Mo=6.3*10**16 Nm; NP1: Strike=38, Dip=41, Slip=100; NP2: Strike=204, Dip=50, Slip=81.

18	19	29	05.2&	39.021	N	27.198	E	10	G				10	TURKEY. <ISK>. MD 3.5 (ATH), 3.1 (ISK).
18	19	47	25.1	85.677	N	85.772	E	10	G	5.3	4.8	0.9	219	NORTH OF SEVERNAYA ZEMLYA. Mw 5.0 (HRV).

Centroid, Moment Tensor (HRV): Centroid origin time 19:47:23.2; Lat 85.52 N; Lon 82.02 E; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=3.34, Plg=0, Azm=193; (N) Val=1.09, Plg=0, Azm=103; (P) Val=-4.43, Plg=90, Azm=180; Best double couple: Mo=3.9*10**16 Nm; NP1: Strike=283, Dip=45, Slip=-90; NP2: Strike=103, Dip=45, Slip=-90.

18	19	51	59.3	33.050	S	70.000	W	100	G			0.7	15	CHILE-ARGENTINA BORDER REGION. MD 3.6 (GUC).
18	21	22	50.6	28.456	N	51.954	E	33	N	4.4		0.8	60	SOUTHERN IRAN
18	21	23	40.3	44.053	N	12.142	E	10	G			0.7	10	NORTHERN ITALY. ML 2.8 (LDG).
18	21	46	31.0&	34.283	S	70.142	W	11					6	CHILE-ARGENTINA BORDER REGION. <GUC>.
18	21	55	54.1&	34.241	S	70.112	W	2					9	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.0 (GUC).
18	22	15	53.1	56.179	N	151.915	W	10	G	4.1		0.6	27	KODIAK ISLAND REGION. ML 3.8 (AEIC).
18	22	45	02.3&	33.678	S	70.476	W	16					14	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.3 (GUC).
18	22	50	39.7?	38.02	N	142.49	E	33	N	3.6		1.5	8	NEAR EAST COAST OF HONSHU, JAPAN
18	23	29	59.6?	4.58	S	104.69	E	213	?	4.0		1.3	13	SOUTHERN SUMATERA, INDONESIA
18	23	41	21.4&	30.982	S	71.966	W	7					11	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.9 (GUC).
18	23	49	01.0&	47.780	N	7.760	E	15					6	SWITZERLAND. <FBB>. ML 1.8 (LDG), 1.5 (FBB).
19	00	04	50.8	38.019	N	72.575	E	130	*	4.4		0.8	41	TAJIKISTAN
19	00	10	28.7*	17.945	S	178.511	W	550	G	4.5		0.9	61	FIJI ISLANDS REGION
19	00	14	29.2*	5.543	S	149.708	E	154	*	4.5		1.2	16	NEW BRITAIN REGION, P.N.G.
19	00	56	17.6*	7.284	S	107.083	E	33	N	4.6		1.2	19	JAWA, INDONESIA
19	01	05	53.0&	15.960	N	60.847	W	18					4	LEEWARD ISLANDS. <FDF>. MG 2.2 (FDF).
19	01	07	45.5?	18.52	S	168.10	E	33	N	4.3		0.8	6	VANUATU ISLANDS
19	01	21	50.1*	17.714	S	178.320	W	550	G	4.5		1.1	31	FIJI ISLANDS REGION
19	01	45	49.3*	11.416	N	149.448	E	33	N	4.5		1.3	12	E. CAROLINE ISLANDS, MICRONESIA
19	01	47	57.1&	33.681	S	70.475	W	16					8	CHILE-ARGENTINA BORDER REGION. <GUC>.
19	01	53	32.7&	40.467	N	28.197	E	10	G				4	TURKEY. <ISK>. MD 2.5 (ISK).
19	02	01	23.5	0.142	S	124.390	E	81	*	4.7		1.2	36	SOUTHERN MOLUCCA SEA
19	02	17	33.5&	40.746	N	27.364	E	10	G				4	TURKEY. <ISK>. MD 2.5 (ISK).
19	02	29	11.0&	48.310	N	9.030	E	10	G				6	GERMANY. <FBB>. ML 2.1 (LDG), 1.6 (FBB).
19	02	58	29.2&	32.615	S	71.713	W	26					11	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.1 (GUC).
19	03	46	44.2&	45.700	N	3.000	E	2					6	FRANCE. <LDG>. ML 1.7 (LDG).
19	03	50	07.5*	31.160	N	131.458	E	55	*	4.2		1.2	18	KYUSHU, JAPAN. Felt (I JMA) in southern Kyushu.
19	04	06	04.7&	10.946	N	62.465	W	73					4	NEAR COAST OF VENEZUELA. <TRN>. MD 3.3 (TRN).
19	04	17	25.0*	9.617	S	155.523	E	33	N	4.3		1.4	11	D'ENTRECASTEAUX ISLANDS REGION
19	04	53	35.7	6.989	S	129.546	E	92	*	4.5		1.0	25	BANDA SEA
19	05	19	05.7&	63.389	N	151.054	W	16					35	CENTRAL ALASKA. <AEIC>. ML 3.0 (AEIC), 3.1 (PMR).
19	05	54	23.4?	35.75	N	69.86	E	144	?	4.2		1.4	8	HINDU KUSH REGION, AFGHANISTAN
19	06	39	32.7	53.531	N	164.638	W	33	N	4.5		1.1	57	UNIMAK ISLAND REGION. ML 4.4 (AEIC), 4.1 (PMR). Felt at Akutan.
19	08	02	16.0&	31.889	N	116.717	W	6	G				4	BAJA CALIFORNIA, MEXICO. <PAS-P>. ML 3.3 (PAS). MD 3.5 (ECX). Felt at El Sauzal and Ensenada.
19	08	06	56.1	5.628	S	152.834	E	33	N	4.5		0.7	16	NEW BRITAIN REGION, P.N.G.
19	08	20	44.4&	39.146	N	27.803	E	15					4	TURKEY. <ISK>. MD 2.8 (ISK).
19	08	42	31.0&	48.310	N	9.030	E	10					12	GERMANY. <FBB>. ML 2.4 (LDG), 1.8 (FBB).
19	09	03	09.1	5.414	S	146.879	E	209	D	5.1		1.0	153	EASTERN NEW GUINEA REG., P.N.G. Mw 5.7 (GS), 5.7 (HRV).

Moment Tensor (GS): Dep 205; Principal axes (scale 10**17 Nm): (T) Val=4.18, Plg=51, Azm=96; (N) Val=0.64, Plg=38, Azm=295; (P) Val=-4.82, Plg=10, Azm=198; Best double couple: Mo=4.5*10**17 Nm; NP1: Strike=252, Dip=48, Slip=35; NP2: Strike=137, Dip=65, Slip=132.
Centroid, Moment Tensor (HRV): Centroid origin time 09:03:15.2; Lat 5.38 S; Lon 147.31 E; Dep 230.0; Half-duration 2.2 sec; Principal axes (scale 10**17 Nm): (T) Val=4.34, Plg=60, Azm=81; (N) Val=-0.44, Plg=20, Azm=311; (P) Val=-3.90, Plg=21, Azm=213; Best double couple: Mo=4.1*10**17 Nm; NP1: Strike=271, Dip=30, Slip=46; NP2: Strike=139, Dip=69, Slip=112.

19	09	06	14.9&	38.028	N	28.980	E	5					7	TURKEY. <ISK>. MD 3.3 (ISK).
19	09	17	08.1	44.210	N	114.014	W	5	G			0.4	16	WESTERN IDAHO. ML 3.3 (BUT), 3.1 (BSE).
19	09	23	32.7&	44.200	N	6.300	E	3					24	FRANCE. <LDG>. ML 2.5 (LDG).
19	09	29	45.7	47.961	N	128.560	W	10	G	3.9		0.9	59	OFF COAST OF WASHINGTON. ML 3.7 (PGC).
19	10	40	13.3	55.004	N	153.358	W	10	G	3.4		0.9	26	SOUTH OF ALASKA. ML 3.3 (AEIC).
19	11	11	11.5&	41.400	N	34.853	E	8					4	TURKEY. <ISK>. MD 2.9 (ISK).
19	11	15	21.2&	60.462	N	152.699	W	121					25	SOUTHERN ALASKA. <AEIC>.
19	12	16	46.9&	32.021	S	71.930	W	26					6	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.7 (GUC).
19	12	21	23.2	24.160	N	94.604	E	120	*	4.2		1.1	22	MYANMAR-INDIA BORDER REGION
19	13	06	43.3	9.237	N	126.202	E	54		4.5		0.8	35	MINDANAO, PHILIPPINE ISLANDS
19	13	30	57.0*	14.382	N	147.847	E	33	N	4.3		1.2	11	MARIANA ISLANDS REGION
19	15	06	31.5*	4.624	N	94.397	E	100	G	4.2		1.4	11	OFF W COAST OF NORTHERN SUMATERA
19	15	36	20.0*	24.083	S	179.539	E	600	G	4.1		0.5	13	SOUTH OF FIJI ISLANDS
19	15	45	29.0*	5.357	N	126.670	E	33	N	4.8		1.0	12	MINDANAO, PHILIPPINE ISLANDS
19	15	50	27.3	9.616	S	155.466	E	33	N	4.8	4.1	1.0	38	D'ENTRECASTEAUX ISLANDS REGION
19	15	50	37.4?	6.09	S	130.65	E	99	?	4.3		1.1	7	BANDA SEA
19	17	15	07.9	42.773	N	9.092	E	10	G			0.6	26	CORSICA. ML 2.9 (LDG).
19	18	34	28.9&	61.598	N	142.434	W	0					28	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC), 2.8 (PGC).
19	18	36	16.6&	32.622	S	71.511	W	25					15	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.9 (GUC). Felt (IV) at Zapallar and (II) at Concon, Puchuncavi, Quillota and Quintero.
19	19	07	50.6&	63.119	N	150.788	W	127					33	CENTRAL ALASKA. <AEIC>.
19	19	52	03.2?	5.41	N	126.95	E	33	N	4.4		0.9	7	MINDANAO, PHILIPPINE ISLANDS
19	20	18	10.0	46.445	N	12.723	E	10	G			1.2	95	NORTHERN ITALY. ML 3.9 (GRF), 3.8 (VIE), 3.6 (FUR), 3.5 (FBB), 3.5 (LDG), 3.4 (TRI), 3.3 (CLL).
19	21	44	05.4	85.538	N	85.243	E	10	G	4.5		0.6	15	NORTH OF SEVERNAYA ZEMLYA
19	21	56	41.2?	13.64	N	91.88	W	33	N	4.1		1.0	11	NEAR COAST OF GUATEMALA. MD 4.6 (UNM).
19	22	32	42.8*	40.939	N	142.261	E	33	N	4.6		1.1	31	NEAR EAST COAST OF HONSHU, JAPAN. Felt (I JMA) in southeastern Aomori Prefecture.
19	22	43	09.1*	31.678	N	49.474	E	33	N	4.3		1.1	14	WESTERN IRAN
19	23	01	59.1	50.541	N	18.879	E	5	G			0.7	13	POLAND. ML 3.7 (GRF), 3.5 (VIE), 3.2 (CLL).
19	23	03	08.8&	38.060	N	20.600	E	5					4	GREECE. <ATH>. MD 3.2 (ATH).
19	23	11	44.7&	40.899	N	33.926	E	10	G				6	TURKEY. <ISK>. MD 3.2 (ISK).
19	23	59	55.3&	34.576	S	71.186	W	60					10	NEAR COAST OF CENTRAL CHILE. <GUC>.
20	00	09	07.3*	45.666	N	26.554	E	130	*	3.6		1.4	11	ROMANIA
20	00	18	58.3*	23.869	N	122.045	E	33	N	4.0		0.8	8	TAIWAN REGION
20	00	43	50.9&	34.332	N	116.461	W	3					6	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
20	00	44	56.9&	44.656	N	7.168	E	11					30	NORTHERN ITALY. <GEN>. ML 2.7 (GEN), 2.4 (LDG).
20	00	49	13.7*	30.781	S	179.239	W	100	G	4.6		0.9	16	KERMADEC ISLANDS REGION
20	00	58	21.7&	41.840	S	174.100	E	11					10	COOK STRAIT, NEW ZEALAND. <WEL>. ML 3.9 (WEL). Felt at Ward on the South Island.
20	01	05	48.3&	41.830	S	174.110	E	10					9	COOK STRAIT, NEW ZEALAND. <WEL>. ML 3.3 (WEL). Felt at Ward on the South Island.
20	01	14	55.4	26.204	N	92.779	E	33	N	4.3		0.9	27	NORTHEASTERN INDIA
20	01	36	34.2&	32.157	S	70.208	W	114					14	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.1 (GUC).
20	01	54	32.9&	44.882	N	9.051	E	10					23	NORTHERN ITALY. <GEN>. ML 2.5 (GEN), 2.2 (LDG).
20	02	26	13.6	43.714	N	139.747	E	217		4.4		1.0	93	EASTERN SEA OF JAPAN
20	02	29	49.1&	43.000	N	0.300	W	10					7	PYRENEES. <LDG>. ML 2.3 (LDG).
20	02	48	30.9&	34.043	S	70.110	W	11					8	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.1 (GUC).
20	03	17	58.1&	40.561	N	29.170	E	10	G				4	TURKEY. <ISK>. MD 2.7 (ISK).
20	03	26	48.1*	6.942	N	127.320	E	33	N			1.4	11	PHILIPPINE ISLANDS REGION
20	03	35	03.7*	46.304	N	151.618	E	33	N	4.5		1.3	24	KURIL ISLANDS
20	03	42	01.0&	11.183	N	60.899	W	20					5	WINDWARD ISLANDS. <TRN>. MD 2.7 (TRN).
20	03	42	07.2&	41.850	S	174.110	E	10					10	COOK STRAIT, NEW ZEALAND. <WEL>. ML 3.5 (WEL). Felt at Ward on the South Island.
20	04	39	59.6	58.806	N	153.077	W	76		4.1		0.8	81	KODIAK ISLAND REGION. Felt at Kodiak.
20	04	44	13.8&	42.800	N	7.260	W	9					43	SPAIN. <MDD>. ML 3.4 (LDG). mbLg 2.9 (MDD). Felt (II) in the Triacastela area.
20	05	54	41.4*	15.898	N	146.749	E	33	N	4.5		1.1	25	MARIANA ISLANDS
20	06	36	07.8?	15.13	N	55.02	E	10	G	4.5		0.6	11	ARABIAN SEA
20	06	37	40.4&	37.990	N	22.430	E	39					10	SOUTHERN GREECE. <ATH>. MD 3.0 (ATH).
20	07	13	10.5&	44.350	N	7.273	E	11					8	NORTHERN ITALY. <GEN>. ML 1.7 (GEN).
20	07	24	07.6?	22.71	N	121.62	E	85	*	3.6		1.6	16	TAIWAN REGION. Felt (III JMA) at Cheng-kung.
20	07	38	09.8	41.139	S	42.981	E	10	G	5.5	4.9	0.9	174	PRINCE EDWARD ISLANDS REGION. Mw 5.3 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 07:38:15.5; Lat 40.83 S; Lon 43.65 E; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**17 Nm): (T) Val=0.67, Plg=4, Azm=320; (N) Val=0.44, Plg=71, Azm=64; (P) Val=-1.11, Plg=18, Azm=229; Best double couple: Mo=8.9*10**16 Nm; NP1: Strike=6, Dip=74, Slip=-170; NP2: Strike=273, Dip=81, Slip=-16.
20	08	01	09.3&	36.260	N	27.520	E	16		3.7			55	DODECANESE ISLANDS. <ATH>. ML 4.2 (ATH), 3.7 (CSS). MD 3.8 (ISK).
20	08	12	30.8	4.616	S	151.791	E	179		4.6		0.9	51	NEW BRITAIN REGION, P.N.G.
20	08	28	57.9&	40.481	N	26.792	E	10	G				4	TURKEY. <ISK>. MD 2.6 (ISK).
20	09	06	42.4*	13.185	N	89.702	W	33	N	4.2		1.3	18	EL SALVADOR
20	09	10	08.1&	39.180	N	27.459	E	10	G				4	TURKEY. <ISK>. MD 2.8 (ISK).
20	09	11	59.6&	19.308	N	98.473	W	3					15	CENTRAL MEXICO. <UNM>. MD 3.3 (UNM).
20	09	58	37.0&	38.230	N	118.390	W	11					16	CALIFORNIA-NEVADA BORDER REGION. <REN-P>. MD 2.7 (REN). ML 3.3 (GS).
20	10	25	20.8	19.263	N	98.520	W	10	G	3.3		0.9	17	CENTRAL MEXICO. MD 3.7 (UNM).

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20  10 44 30.1* 33.975 N   35.685 E   10 G            0.4   10  JORDAN - SYRIA REGION. ML 3.7 (GII).
20  11 11 26.5& 39.116 N   27.651 E    5                     4  TURKEY. <ISK>. MD 2.8 (ISK).
20  11 11 28.0* 14.845 S  167.750 E   33 N  4.6       1.0   17  VANUATU ISLANDS
20  11 24 33.9& 37.526 N  118.435 W   11                     9  CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM).
20  11 35 24.8& 38.450 N   20.470 E    5                     5  GREECE. <ATH>. MD 3.0 (ATH).
20  11 47 11.7  45.106 N   12.948 E   10 G            1.3   25  NORTHERN ITALY. ML 3.1 (VIE).
20  12 23 12.2*  9.871 S  159.449 E   22 *  4.3       0.8   15  SOLOMON ISLANDS
20  12 45 23.6? 19.54  S  173.68  W   33 N  4.8       1.4   17  TONGA ISLANDS
20  12 55 15.8& 38.390 N   20.280 E    5                     6  GREECE. <ATH>. MD 3.2 (ATH).
20  13 57 19.4& 38.920 N   21.810 E    7                     5  GREECE. <ATH>. MD 3.0 (ATH).
20  15 51 27.3*  4.385 N  125.817 E   72 *  4.7       1.2   28  TALAUD ISLANDS, INDONESIA
20  16 25 55.3*  6.257 N  124.204 E  542 *  4.2       0.8   13  MINDANAO, PHILIPPINE ISLANDS
20  16 35 37.0& 37.180 N   27.080 E   12                    10  TURKEY. <ATH>. MD 3.7 (ATH), 3.4 (ISK).
20  16 59 14.0& 33.794 S   70.488 W  106                    13  CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.5 (GUC).
20  17 13 34.7*  2.138 S  138.282 E   33 N  4.6 4.4  1.2   17  IRIAN JAYA, INDONESIA
20  17 31 21.0& 32.363 S   71.425 W   36                    13  NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.5 (GUC).
20  17 39 31.3* 17.889 S  175.514 W  241 ?  4.6       1.0   29  TONGA ISLANDS
20  17 41 59.5& 40.180 N   21.070 E    5                     9  GREECE. <ATH>. MD 3.3 (ATH).
20  18 36 03.3* 23.805 S  179.658 E  611 ?  4.4       0.5   37  SOUTH OF FIJI ISLANDS
20  18 42 27.8& 53.780 N  164.050 W   15                     5  UNIMAK ISLAND REGION. <AEIC>. ML 2.8 (AEIC).
20  18 57 58.7  45.452 N   15.396 E    5 G            0.9   15  NORTHWESTERN BALKAN REGION. ML 3.0 (VIE), 2.5 (ZAG), 2.4
                                                                   (TRI).
20  19 15 11.6& 39.930 N   20.370 E    5                     6  GREECE-ALBANIA BORDER REGION. <ATH>. MD 3.0 (ATH).
20  19 18 17.7   4.789 S  152.868 E   79 *  4.6       1.0   21  NEW BRITAIN REGION, P.N.G.
20  19 34 17.0?  3.23  S  142.32  E   33 N  4.1       1.5    6  NEAR N COAST OF NEW GUINEA, PNG.
20  19 47 56.0*  1.947 N   99.099 E  123 D  4.4       1.0   22  NORTHERN SUMATERA, INDONESIA
20  20 21 44.6& 60.990 N  149.720 W   36                    50  KENAI PENINSULA, ALASKA. <AEIC>. ML 3.0 (AEIC), 3.3 (PMR).
20  21 11 26.6& 37.300 N   20.690 E    5                     4  IONIAN SEA. <ATH>. MD 3.2 (ATH).
20  21 49 43.9*  9.570 S  155.606 E   33 N  4.0       0.6    8  D'ENTRECASTEAUX ISLANDS REGION
20  21 52 16.3& 36.600 N   26.700 E  118                     8  DODECANESE ISLANDS. <ATH>.
20  22 34 34.0& 32.833 S   70.920 W   73                     5  CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.1 (GUC).
20  22 44 28.7& 44.847 N    8.924 E    6                    21  NORTHERN ITALY. <GEN>. ML 2.5 (GEN), 2.4 (LDG).
21  01 12 27.6% 17.786 N   98.308 W   10 G            1.0   15  GUERRERO, MEXICO. MD 3.7 (UNM).
21  01 33 35.6   8.764 N  126.470 E   55 *  4.7       1.1   34  MINDANAO, PHILIPPINE ISLANDS
21  02 36 33.4*  6.044 S  153.765 E   60 ?  4.5       0.9   13  NEW BRITAIN REGION, P.N.G.
21  03 18 11.0  46.463 N   14.351 E   10 G            0.7    9  NORTHWESTERN BALKAN REGION. ML 2.5 (VIE).
21  03 32 14.4& 40.265 N   27.211 E   12                     4  TURKEY. <ISK>. MD 3.0 (ISK).
21  03 57 17.4& 44.500 N    7.200 E    8                    21  NORTHERN ITALY. <LDG>. ML 2.5 (GEN), 2.0 (LDG).
21  04 07 32.3& 35.360 S   71.442 W   85                    10  CENTRAL CHILE. <GUC>.
21  04 35 46.8   8.228 N  141.301 E   33 N  5.2 5.1  0.9   69  WESTERN CAROLINE ISLANDS. Mw 5.6 (HRV).
                                                                 Centroid, Moment Tensor (HRV): Centroid origin time
                                                                  04:35:48.1; Lat 8.06 N; Lon 141.55 E; Dep 15.0 Bdy; Half-
                                                                  duration 1.5 sec; Principal axes (scale 10**17 Nm): (T)
                                                                  Val=2.67, Plg=14, Azm=1; (N) Val=-0.53, Plg=76, Azm=184;
                                                                  (P) Val=-2.14, Plg=1, Azm=92; Best double couple:
                                                                  Mo=2.4*10**17 Nm; NP1: Strike=137, Dip=79, Slip=10; NP2:
                                                                  Strike=46, Dip=81, Slip=169.
21  04 47 08.2% 48.366 N    2.911 W   10 G            0.9    6  FRANCE. ML 2.1 (LDG).
21  05 11 13.0% 17.858 N   99.677 W   10 G            1.2   13  GUERRERO, MEXICO. MD 3.6 (UNM).
21  05 17 34.5?  8.30  N  141.51  E   33 N  4.5       1.5   17  WESTERN CAROLINE ISLANDS
21  05 25 52.1*  7.380 S  127.469 E   33 N  4.2       1.0    8  BANDA SEA
21  05 37 43.1& 39.340 N   23.140 E    5                    15  AEGEAN SEA. <ATH>. MD 3.4 (ATH).
21  06 02 04.3& 63.331 N  151.236 W   10                    26  CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC), 3.0 (PMR).
21  07 22 36.0& 38.970 S  176.000 E   90                    17  NORTH ISLAND, NEW ZEALAND. <WEL>.
21  07 26 11.4  47.844 N  128.481 W   10 G  3.8       1.0   24  OFF COAST OF WASHINGTON
21  08 09 34.4   6.012 N  125.955 E  159    4.6       0.8   28  MINDANAO, PHILIPPINE ISLANDS
21  08 19 38.4& 44.040 S  169.070 E    5                     9  SOUTH ISLAND, NEW ZEALAND. <WEL>. ML 4.6 (WEL).
21  08 20 00.1& 44.890 N    6.724 E    4                     4  FRANCE. <GEN>. ML 1.6 (GEN).
21  08 36 05.8& 16.016 N   97.577 W   14                     9  OAXACA, MEXICO. <UNM>. MD 3.9 (UNM).
21  08 48 17.2& 16.355 N   98.347 W   32                     9  NEAR COAST OF GUERRERO, MEXICO. <UNM>. MD 3.8 (UNM).
21  09 03 13.3& 39.940 S  173.180 E   12                    12  OFF W. COAST OF N. ISLAND, N.Z. <WEL>. ML 4.5 (WEL).
21  09 54 56.0& 44.740 N  111.010 W    6                    30  HEBGEN LAKE REGION. <SLC-P>. ML 2.9 (SLC), 3.6 (BUT).
21  10 43 50.5  44.875 N   10.993 E   10 G            1.0   50  NORTHERN ITALY. ML 3.2 (LDG), 3.0 (TRI).
21  11 19 18.9* 85.350 N   83.829 E   10 G  4.1       1.2    9  NORTH OF SEVERNAYA ZEMLYA
21  11 53 21.9& 33.395 S   71.312 W   51                    10  NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.1 (GUC).
21  12 27 57.2& 39.296 N   27.655 E    7                     4  TURKEY. <ISK>. MD 2.9 (ISK).
21  12 45 45.1& 39.143 N   27.668 E    6                     5  TURKEY. <ISK>. MD 2.9 (ISK).
21  12 53 34.4& 44.905 N    6.728 E    6                     4  FRANCE. <GEN>. ML 1.6 (GEN).
21  13 09 41.8  19.425 S  173.381 W   33 N  5.0 5.0  1.1   67  TONGA ISLANDS. Mw 5.1 (HRV).
                                                                 Centroid, Moment Tensor (HRV): Centroid origin time
                                                                  13:09:41.3; Lat 19.79 S; Lon 172.38 W; Dep 15.0 Bdy; Half-
                                                                  duration 1.0 sec; Principal axes (scale 10**16 Nm): (T)
                                                                  Val=5.34, Plg=79, Azm=201; (N) Val=1.19, Plg=11, Azm=21;
                                                                  (P) Val=-6.53, Plg=0, Azm=111; Best double couple:
                                                                  Mo=5.9*10**16 Nm; NP1: Strike=212, Dip=46, Slip=106; NP2:
                                                                  Strike=10, Dip=46, Slip=74.
21  13 31 56.4& 10.774 N   61.777 W   46                     6  TRINIDAD. <TRN>. MD 3.5 (TRN).
21  13 44 42.8*  9.568 S  155.491 E   33 N  4.5       0.5   14  D'ENTRECASTEAUX ISLANDS REGION
21  14 24 06.1& 33.997 S   71.922 W   40                     9  NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.0 (GUC).
21  15 05 44.0& 39.090 N   27.497 E   10 G                   4  TURKEY. <ISK>. MD 2.8 (ISK).
21  16 52 37.8  43.198 N  145.925 E   40 D  5.1 4.2  0.8   89  HOKKAIDO, JAPAN REGION. Mw 5.1 (HRV). Felt (II JMA) in
                                                                  parts of eastern Hokkaido.
                                                                 Centroid, Moment Tensor (HRV): Centroid origin time
                                                                  16:52:47.1; Lat 43.91 N; Lon 146.43 E; Dep 80.5; Half-
                                                                  duration 1.0 sec; Principal axes (scale 10**16 Nm): (T)
                                                                  Val=5.52, Plg=71, Azm=316; (N) Val=0.39, Plg=4, Azm=58; (P)
                                                                  Val=-5.91, Plg=19, Azm=149; Best double couple:
                                                                  Mo=5.7*10**16 Nm; NP1: Strike=246, Dip=26, Slip=99; NP2:
                                                                  Strike=56, Dip=64, Slip=85.
21  17 35 59.5* 51.266 N   16.116 E    5 G            0.9    8  POLAND. ML 3.4 (VIE).
21  17 37 27.1  36.388 N   70.707 E  230    5.4       0.9  292  HINDU KUSH REGION, AFGHANISTAN. Mw 5.5 (GS).
                                                                 Moment Tensor (GS): Dep 215; Principal axes (scale 10**17
                                                                  Nm): (T) Val=2.36, Plg=74, Azm=357; (N) Val=-0.22, Plg=1,
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Azm=89; (P) Val=-2.14, Plg=16, Azm=179; Best double couple: Mo=2.2*10**17 Nm; NP1: Strike=270, Dip=30, Slip=91; NP2: Strike=89, Dip=61, Slip=89.

21 17 43 04.5 18.324 N 101.539 W 69 D 6.0 5.8 1.1 352 GUERRERO, MEXICO. Mw 6.3 (HRV), 6.2 (GS). Me 5.7 (GS). MD 5.8 (UNM). More than 1,300 homes damaged including 600 at Coahuayutla, Guerrero. One church damaged at Cuitzeo, Michoacan. Minor damage in Morelos. Felt at Mexico City and in the states of Colima, Jalisco, Mexico, Oaxaca, Puebla, San Luis Potosi and Veracruz.
Broadband Source Parameters (GS): Dep 47; NP1: Strike=360, Dip=10, Slip=-45; NP2: Strike=135, Dip=83, Slip=-97; Radiated energy 8.5*10**12 Nm. Two events about 2 seconds apart. Depth based on first event.
Moment Tensor (GS): Dep 50; Principal axes (scale 10**18 Nm): (T) Val=2.10, Plg=28, Azm=219; (N) Val=0.99, Plg=5, Azm=311; (P) Val=-3.09, Plg=61, Azm=50; Best double couple: Mo=2.6*10**18 Nm; NP1: Strike=296, Dip=17, Slip=-106; NP2: Strike=133, Dip=74, Slip=-85.
Centroid, Moment Tensor (HRV): Centroid origin time 17:43:09.1; Lat 18.09 N; Lon 101.62 W; Dep 48.0 Bdy; Half-duration 3.5 sec; Principal axes (scale 10**18 Nm): (T) Val=3.16, Plg=26, Azm=201; (N) Val=-0.09, Plg=20, Azm=302; (P) Val=-3.07, Plg=56, Azm=65; Best double couple: Mo=3.1*10**18 Nm; NP1: Strike=254, Dip=27, Slip=-141; NP2: Strike=128, Dip=74, Slip=-69.

21 18 02 07.9 49.566 N 155.903 E 49 D 4.6 1.0 46 KURIL ISLANDS. Felt (III) at Severo-Kurilsk.
21 18 13 35.5& 17.958 N 101.795 W 111 8 NEAR COAST OF GUERRERO, MEXICO. <UNM>. MD 4.2 (UNM).
21 18 49 39.0& 40.200 N 23.630 E 27 4 GREECE. <ATH>. MD 3.0 (ATH).
21 19 22 39.2* 20.036 S 177.536 W 400 G 4.2 0.9 16 FIJI ISLANDS REGION
21 21 12 49.3& 37.390 N 27.430 E 5 5 TURKEY. <ATH>. MD 3.5 (ATH).
21 22 16 36.9& 31.755 S 70.022 W 157 10 CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.2 (GUC).
21 22 34 24.0& 40.590 N 23.050 E 5 6 GREECE. <ATH>. MD 3.1 (ATH). Felt at Thessaloniki.
21 22 47 36.0& 39.370 N 23.060 E 16 6 AEGEAN SEA. <ATH>. MD 3.0 (ATH).
21 22 51 15.2* 32.231 S 179.013 W 33 N 4.7 0.9 19 SOUTH OF KERMADEC ISLANDS
21 23 21 45.1& 54.949 N 161.996 W 99 9 ALASKA PENINSULA. <AEIC>.
21 23 37 13.6* 23.946 S 179.967 W 530 ? 4.3 1.1 20 SOUTH OF FIJI ISLANDS
22 00 02 16.7& 33.264 N 116.004 W 3 23 SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
22 00 08 11.1* 16.229 N 95.929 W 33 N 4.2 1.2 18 OAXACA, MEXICO. MD 4.3 (UNM).
22 00 23 52.0& 36.190 N 3.270 W 16 7 STRAIT OF GIBRALTAR. <MDD>. mbLg 2.1 (MDD).
22 00 47 42.9 4.508 S 133.947 E 33 N 5.7 5.5 1.0 150 IRIAN JAYA REGION, INDONESIA. Mw 5.7 (GS), 5.7 (HRV). Me 6.0 (GS).
Broadband Source Parameters (GS): Dep 9; NP1: Strike=45, Dip=60, Slip=-10; NP2: Strike=140, Dip=81, Slip=-150; Radiated energy 1.9*10**13 Nm.
Moment Tensor (GS): Dep 13; Principal axes (scale 10**17 Nm): (T) Val=4.02, Plg=0, Azm=323; (N) Val=0.16, Plg=55, Azm=233; (P) Val=-4.18, Plg=35, Azm=54; Best double couple: Mo=4.1*10**17 Nm; NP1: Strike=93, Dip=66, Slip=-26; NP2: Strike=194, Dip=66, Slip=-154.
Centroid, Moment Tensor (HRV): Centroid origin time 00:47:42.1; Lat 4.42 S; Lon 134.19 E; Dep 15.0 Bdy; Half-duration 1.6 sec; Principal axes (scale 10**17 Nm): (T) Val=3.96, Plg=18, Azm=290; (N) Val=0.04, Plg=27, Azm=190; (P) Val=-4.01, Plg=56, Azm=49; Best double couple: Mo=4.0*10**17 Nm; NP1: Strike=55, Dip=36, Slip=-38; NP2: Strike=178, Dip=69, Slip=-120.

22 00 52 04.8 38.539 N 97.696 E 33 N 4.4 1.0 30 QINGHAI, CHINA
22 01 11 15.3 18.107 N 101.936 W 33 N 4.9 1.4 111 GUERRERO, MEXICO. MD 4.5 (UNM).
22 01 14 37.7? 4.65 S 133.91 E 33 N 4.0 1.3 8 IRIAN JAYA REGION, INDONESIA
22 01 59 46.3 37.083 N 29.475 E 10 G 3.7 1.1 14 TURKEY. MD 3.5 (ISK).
22 02 07 20.0& 32.683 S 71.478 W 24 12 NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.3 (GUC).
22 02 51 05.4& 32.356 S 71.407 W 41 10 NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.3 (GUC).
22 03 26 23.3* 24.414 S 67.007 W 146 ? 4.3 1.2 24 CHILE-ARGENTINA BORDER REGION
22 03 48 08.0& 36.010 N 22.430 E 5 5 SOUTHERN GREECE. <ATH>. MD 3.7 (ATH).
22 03 59 21.2& 32.128 S 71.732 W 23 11 NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.8 (GUC).
22 04 08 42.8& 36.690 N 7.050 W 15 17 STRAIT OF GIBRALTAR. <MDD>. mbLg 2.2 (MDD).
22 04 36 05.3? 3.59 S 103.13 E 153 ? 4.3 1.4 19 SOUTHERN SUMATERA, INDONESIA
22 05 06 45.8? 50.50 N 157.74 E 33 N 3.8 0.9 7 KURIL ISLANDS
22 05 21 09.8? 4.58 S 133.44 E 33 N 4.1 1.3 8 IRIAN JAYA REGION, INDONESIA
22 06 42 33.5& 33.961 S 70.414 W 117 11 CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.9 (GUC).
22 07 11 34.4& 39.255 N 27.601 E 10 G 4 TURKEY. <ISK>. MD 2.8 (ISK).
22 07 11 35.0 4.800 N 94.454 E 33 N 5.0 4.2 0.8 56 OFF W COAST OF NORTHERN SUMATERA. Mw 5.0 (HRV). Felt (III) at Banda Aceh.
Centroid, Moment Tensor (HRV): Centroid origin time 07:11:28.8; Lat 5.12 N; Lon 93.49 E; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=4.03, Plg=0, Azm=130; (N) Val=0.17, Plg=75, Azm=40; (P) Val=-4.20, Plg=15, Azm=220; Best double couple: Mo=4.1*10**16 Nm; NP1: Strike=264, Dip=79, Slip=-11; NP2: Strike=356, Dip=79, Slip=-169.

22 07 36 19.1? 22.19 S 173.95 E 33 N 1.3 7 LOYALTY ISLANDS REGION
22 07 47 54.1* 46.232 N 13.557 E 10 G 1.5 5 AUSTRIA. ML 2.7 (VIE).
22 07 55 43.9* 18.306 N 103.594 W 33 N 0.6 7 NEAR COAST OF MICHOACAN, MEXICO. MD 4.3 (UNM).
22 08 02 07.8* 45.560 N 26.478 E 150 G 0.8 8 ROMANIA
22 08 21 14.3* 23.724 S 173.176 E 33 N 0.9 10 LOYALTY ISLANDS REGION
22 09 16 49.6& 39.594 N 29.423 E 4 6 TURKEY. <ISK>. MD 2.7 (ISK).
22 09 58 27.8* 4.437 S 133.527 E 33 N 4.4 0.9 8 IRIAN JAYA REGION, INDONESIA
22 10 26 23.7* 15.051 S 173.881 W 33 N 4.4 0.9 23 TONGA ISLANDS
22 10 35 47.1& 34.060 S 70.146 W 8 10 CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.6 (GUC).
22 10 46 07.4* 35.634 N 69.756 E 105 ? 4.2 0.9 11 HINDU KUSH REGION, AFGHANISTAN
22 10 58 22.2& 40.649 N 29.579 E 10 G 4 TURKEY. <ISK>. MD 2.6 (ISK).
22 11 23 36.0 46.037 N 15.035 E 10 G 0.3 9 NORTHWESTERN BALKAN REGION. ML 2.7 (VIE), 2.1 (LJU).
22 11 43 07.9& 34.877 S 71.621 W 46 11 NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.8 (GUC).

22	12	14	00.9*	37.009	N	43.996	E	33	N	3.6	0.9	10	TURKEY
22	13	52	18.1&	50.000	N	1.800	E	2				6	FRANCE. <LDG>. ML 2.5 (LDG).
22	13	53	10.2	58.271	N	142.755	W	10	G		0.7	22	GULF OF ALASKA. ML 2.7 (AEIC).
22	14	13	23.0*	36.469	N	8.085	W	33	N		0.7	22	WEST OF GIBRALTAR. mbLg 3.1 (MDD).
22	14	29	15.6&	34.853	S	71.029	W	108				9	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 2.9 (GUC).
22	14	39	03.0&	39.400	N	20.540	E	5				10	GREECE-ALBANIA BORDER REGION. <ATH>. MD 3.4 (ATH).
22	15	06	16.6	53.236	N	164.601	W	33	N	4.4	0.9	53	UNIMAK ISLAND REGION. ML 4.0 (AEIC).
22	15	14	46.9&	39.258	N	27.806	E	10	G			4	TURKEY. <ISK>. MD 2.7 (ISK).
22	16	49	10.8&	38.798	N	122.756	W	2				6	NORTHERN CALIFORNIA. <GM-P>. MD 2.8 (GM).
22	17	04	51.6	29.316	N	51.978	E	33	N	4.6	1.2	49	SOUTHERN IRAN
22	17	32	23.3&	41.511	N	20.343	E	4				12	ALBANIA. <PDG>. MD 2.8 (PDG).
22	17	47	21.3*	9.571	S	155.413	E	33	N	4.4	1.1	16	D'ENTRECASTEAUX ISLANDS REGION
22	17	51	36.5	40.084	S	45.895	E	10	G	4.9	0.6	17	SOUTHWEST INDIAN RIDGE
22	18	12	11.2*	0.838	S	136.079	E	33	N	4.3	0.9	18	IRIAN JAYA REGION, INDONESIA
22	18	35	30.0*	4.957	S	152.619	E	70	*	4.2	1.0	12	NEW BRITAIN REGION, P.N.G.
22	18	48	17.6	56.274	S	27.638	W	96	D	5.4	1.1	100	SOUTH SANDWICH ISLANDS REGION. Mw 5.5 (HRV).
													Centroid, Moment Tensor (HRV): Centroid origin time 18:48:21.3; Lat 56.18 S; Lon 27.07 W; Dep 86.8; Half-duration 1.4 sec; Principal axes (scale 10**17 Nm): (T) Val=2.03, Plg=23, Azm=148; (N) Val=0.29, Plg=9, Azm=55; (P) Val=-2.32, Plg=65, Azm=305; Best double couple: Mo=2.2*10**17 Nm; NP1: Strike=255, Dip=23, Slip=-68; NP2: Strike=51, Dip=69, Slip=-99.
22	19	53	18.9&	55.621	N	162.503	W	162				20	ALASKA PENINSULA. <AEIC>.
22	20	07	33.2*	0.858	S	136.242	E	33	N		1.0	8	IRIAN JAYA REGION, INDONESIA
22	20	42	56.0?	9.57	S	155.74	E	33	N		1.3	9	D'ENTRECASTEAUX ISLANDS REGION
22	20	48	04.2?	28.82	N	130.18	E	33	N		1.5	7	RYUKYU ISLANDS
22	20	57	43.6*	27.923	N	55.847	E	33	N	4.1	0.9	22	SOUTHERN IRAN
22	21	03	05.1	46.006	N	13.828	E	10	G		0.4	9	AUSTRIA. ML 2.5 (VIE).
22	21	22	06.3	14.231	N	91.774	W	74	*	4.5	1.3	44	GUATEMALA. MD 4.7 (UNM).
22	22	55	12.9&	40.721	N	29.862	E	5				9	TURKEY. <ISK>. MD 3.0 (ISK).
22	23	07	40.1	18.938	N	144.993	E	566		4.7	0.8	65	MARIANA ISLANDS
22	23	48	30.5*	53.535	N	160.132	E	33	N	4.2	0.7	8	NEAR EAST COAST OF KAMCHATKA
22	23	53	15.5	47.701	N	14.256	E	10	G		1.1	6	AUSTRIA. ML 2.0 (VIE).
23	00	36	10.3&	44.291	N	7.328	E	13				8	NORTHERN ITALY. <GEN>. ML 2.0 (GEN).
23	00	58	28.8	18.688	N	106.460	W	33	N	4.0	0.6	17	OFF COAST OF JALISCO, MEXICO
23	01	01	03.3*	22.327	S	68.864	W	104	D	4.5	1.5	29	NORTHERN CHILE. Felt at Calama.
23	01	17	04.7&	65.612	N	148.202	W	14				20	NORTHERN ALASKA. <AEIC>. ML 2.7 (AEIC), 3.1 (PMR).
23	01	22	06.6&	38.970	N	0.670	W	11				10	SPAIN. <MDD>. mbLg 2.3 (MDD).
23	02	05	49.0?	14.64	S	167.12	E	126	?	4.5	1.3	22	VANUATU ISLANDS
23	02	57	34.2&	37.790	S	177.090	E	230				14	OFF E. COAST OF N. ISLAND, N.Z. <WEL>.
23	03	13	45.5*	6.970	S	72.118	E	10	G	4.4	0.9	21	CHAGOS ARCHIPELAGO REGION. Felt on Diego Garcia.
23	04	22	04.8*	30.412	N	131.378	E	53	*	4.0	0.8	12	KYUSHU, JAPAN
23	06	11	52.2*	16.980	N	94.927	W	100	G		0.8	6	OAXACA, MEXICO. MD 4.1 (UNM).
23	07	03	15.0&	37.210	N	116.820	W	1				20	SOUTHERN NEVADA. <REN-P>. MD 3.0 (REN). ML 3.2 (GS).
23	07	41	28.5&	40.229	N	30.017	E	8				5	TURKEY. <ISK>. MD 2.8 (ISK).
23	08	06	22.9&	34.551	S	71.497	W	60				7	NEAR COAST OF CENTRAL CHILE. <GUC>.
23	08	30	41.9*	62.842	S	145.460	E	10	G	4.6	1.2	20	SOUTH OF AUSTRALIA
23	08	36	17.2&	44.386	N	6.986	E	6				10	FRANCE. <GEN>. ML 2.2 (GEN).
23	08	37	37.2&	33.028	S	70.539	W	70				11	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.6 (GUC).
23	09	51	24.2*	17.480	N	100.427	W	33	N		1.4	6	GUERRERO, MEXICO. MD 3.7 (UNM).
23	10	23	08.0	57.348	N	143.493	W	10	G		0.8	46	GULF OF ALASKA. ML 3.3 (AEIC).
23	10	51	21.8*	85.547	N	85.660	E	10	G	4.2	0.9	17	NORTH OF SEVERNAYA ZEMLYA
23	11	01	01.7*	27.934	N	143.596	E	33	N	4.4	0.7	11	BONIN ISLANDS REGION
23	11	03	39.5*	40.466	S	17.247	W	10	G	4.7	1.4	27	SOUTHERN MID-ATLANTIC RIDGE
23	11	24	46.8&	63.581	N	150.620	W	51				23	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
23	11	38	42.8&	39.790	N	20.350	E	5				8	GREECE-ALBANIA BORDER REGION. <ATH>. MD 3.0 (ATH).
23	11	53	41.0?	29.34	S	177.28	W	33	N	4.6	1.3	14	KERMADEC ISLANDS, NEW ZEALAND
23	12	33	47.3	85.520	N	86.389	E	10	G	4.6 4.4	0.9	55	NORTH OF SEVERNAYA ZEMLYA
23	13	57	45.2	46.278	N	7.382	E	10	G		1.4	13	SWITZERLAND. ML 2.7 (LDG), 2.3 (FBB).
23	13	58	53.1	6.078	S	149.852	E	69	*	4.6	1.3	23	NEW BRITAIN REGION, P.N.G.
23	14	04	05.7&	33.420	S	71.154	W	58				10	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 2.1 (GUC).
23	14	43	25.3&	61.683	N	150.869	W	65				47	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
23	14	56	29.2&	62.314	N	150.866	W	67				35	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC).
23	15	42	43.2&	40.907	N	29.311	E	14				7	TURKEY. <ISK>. MD 2.7 (ISK).
23	15	57	34.5&	39.940	N	20.700	E	5				7	GREECE-ALBANIA BORDER REGION. <ATH>. MD 3.0 (ATH).
23	16	46	02.1*	45.317	N	13.330	E	10	G		0.9	10	NORTHERN ITALY. ML 3.2 (VIE).
23	16	54	13.1	5.421	N	126.663	E	99	*	4.6	0.9	34	MINDANAO, PHILIPPINE ISLANDS
23	17	03	52.9&	41.779	N	20.211	E	8				12	ALBANIA. <PDG>. MD 2.6 (PDG).
23	17	58	55.2*	5.500	S	153.152	E	33	N	4.8	0.8	7	NEW IRELAND REGION, P.N.G.
23	18	03	06.0&	42.386	N	19.398	E	24				8	NORTHWESTERN BALKAN REGION. <PDG>. MD 2.0 (PDG).
23	19	37	22.8	19.279	N	145.575	E	103	D	5.5 4.9	1.0	187	MARIANA ISLANDS. Mw 5.6 (HRV).
													Centroid, Moment Tensor (HRV): Centroid origin time 19:37:23.8; Lat 19.34 N; Lon 146.05 E; Dep 84.1; Half-duration 1.6 sec; Principal axes (scale 10**17 Nm): (T) Val=3.39, Plg=12, Azm=176; (N) Val=-0.87, Plg=69, Azm=51; (P) Val=-2.52, Plg=16, Azm=270; Best double couple: Mo=3.0*10**17 Nm; NP1: Strike=312, Dip=69, Slip=-3; NP2: Strike=43, Dip=87, Slip=-159.
23	20	38	42.1&	49.200	N	1.100	W	3				6	FRANCE. <LDG>. ML 2.2 (LDG).
23	20	40	07.1	0.324	S	124.466	E	62	*	5.2 4.6	1.3	81	SOUTHERN MOLUCCA SEA. Mw 5.3 (GS), 5.3 (HRV).
													Moment Tensor (GS): Dep 17; Principal axes (scale 10**16 Nm): (T) Val=9.64, Plg=37, Azm=1; (N) Val=0.07, Plg=52, Azm=198; (P) Val=-9.71, Plg=9, Azm=97; Best double couple: Mo=9.7*10**16 Nm; NP1: Strike=146, Dip=58, Slip=22; NP2: Strike=44, Dip=71, Slip=146.
													Centroid, Moment Tensor (HRV): Centroid origin time 20:40:27.3; Lat 0.97 N; Lon 124.21 E; Dep 39.4; Half-duration 1.1 sec; Principal axes (scale 10**17 Nm): (T) Val=0.96, Plg=71, Azm=5; (N) Val=0.20, Plg=10, Azm=245; (P) Val=-1.16, Plg=16, Azm=152; Best double couple: Mo=1.1*10**17 Nm; NP1: Strike=227, Dip=30, Slip=70; NP2: Strike=70, Dip=62, Slip=101.

23	20	53	22.2	43.273	N	17.630	E	10	G	3.4		1.3	95	NORTHWESTERN BALKAN REGION. ML 4.0 (VIE), 3.8 (PDG), 3.8 (ZAG), 3.5 (LJU).
24	00	03	26.7&	33.411	S	72.390	W	30					11	OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.7 (GUC).
24	00	25	20.2&	59.817	N	153.317	W	130					6	SOUTHERN ALASKA <AEIC>.
24	00	40	58.6*	51.497	N	16.087	E	5	G			0.5	10	POLAND. ML 3.1 (VIE).
24	00	48	51.8&	33.426	S	72.370	W	29					11	OFF COAST OF CENTRAL CHILE. <GUC>. MD 4.4 (GUC).
24	01	10	35.8?	26.64	S	179.48	E	529	?	4.7		1.1	26	SOUTH OF FIJI ISLANDS
24	01	28	56.2*	9.645	N	126.470	E	33	N	4.3		1.1	11	MINDANAO, PHILIPPINE ISLANDS
24	01	33	18.7&	36.640	N	4.980	W	0	G				23	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.8 (MDD).
24	01	48	57.0&	31.851	S	69.873	W	141					11	SAN JUAN PROVINCE, ARGENTINA. <GUC>. MD 2.9 (GUC).
24	01	52	59.8&	36.660	N	5.060	W	1					10	STRAIT OF GIBRALTAR. <MDD>. mbLg 1.9 (MDD).
24	02	15	53.4&	33.452	S	72.262	W	3					12	OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.4 (GUC).
24	02	33	02.9&	63.558	N	151.068	W	13					20	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC), 2.8 (PMR).
24	02	45	47.4&	10.790	N	62.490	W	63					4	NEAR COAST OF VENEZUELA. <TRN>. MD 3.2 (TRN).
24	03	20	47.8&	46.300	N	6.400	E	4					29	SWITZERLAND. <LDG>. ML 2.9 (LDG), 2.4 (FBB).
24	03	26	52.1	13.465	S	76.442	W	51	D	4.7		0.8	42	NEAR COAST OF PERU. Felt (IV) at Chincha Alta, Pisco and San Vicente de Canete.
24	03	27	46.7&	39.950	N	20.570	E	5					6	GREECE-ALBANIA BORDER REGION. <ATH>. MD 2.9 (ATH).
24	03	28	15.3&	33.421	S	72.363	W	31					13	OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.6 (GUC).
24	03	29	06.6&	37.476	N	118.779	W	7					25	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. ML 3.4 (GM), 3.6 (BRK).
24	03	42	11.7&	37.380	N	2.150	W	10					19	SPAIN. <MDD>. mbLg 2.5 (MDD).
24	04	40	37.7&	43.100	N	0.090	W	15					19	PYRENEES. <MDD>. ML 3.0 (LDG). mbLg 2.7 (MDD).
24	04	42	38.8?	10.53	S	166.16	E	33	N			0.9	7	SANTA CRUZ ISLANDS
24	04	45	09.6&	33.450	S	72.384	W	32					10	OFF COAST OF CENTRAL CHILE. <GUC>. MD 4.2 (GUC).
24	04	48	39.9&	33.444	S	72.390	W	32					10	OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.5 (GUC).
24	05	04	49.5&	41.937	N	19.372	E	11					8	ALBANIA. <PDG>. MD 1.6 (PDG).
24	05	21	38.0&	48.300	N	9.030	E	10					14	GERMANY. <FBB>. ML 2.7 (LDG), 2.1 (FBB).
24	05	24	33.7&	32.126	S	71.759	W	20					10	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.6 (GUC).
24	05	41	38.3	18.042	N	101.842	W	33	N			1.3	26	GUERRERO, MEXICO. MD 4.3 (UNM).
24	05	42	32.3&	33.445	S	72.347	W	31					10	OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.4 (GUC).
24	05	54	17.0?	2.64	N	128.67	E	226	?	4.3		0.9	8	HALMAHERA, INDONESIA
24	06	08	18.9?	37.85	N	140.50	E	129	?	4.1		1.4	10	EASTERN HONSHU, JAPAN. Felt (I JMA) in eastern Fukushima Prefecture.
24	06	08	21.5	50.509	N	16.060	E	5	G			0.5	7	POLAND. ML 2.4 (CLL). Felt in northeastern Bohemia, Czech Republic.
24	06	27	59.0&	17.754	N	94.771	W	58					7	CHIAPAS, MEXICO. <UNM>. MD 4.3 (UNM).
24	07	04	45.0&	39.669	N	29.485	E	14					4	TURKEY. <ISK>. MD 2.7 (ISK).
24	07	18	05.7&	39.627	N	29.536	E	14					4	TURKEY. <ISK>. MD 2.7 (ISK).
24	07	21	49.7&	40.625	N	27.502	E	9					9	TURKEY. <ISK>. MD 3.2 (ISK).
24	07	22	51.1&	40.596	N	27.553	E	13					8	TURKEY. <ISK>. MD 3.2 (ISK).
24	07	30	45.4	0.853	N	28.875	W	10	G	5.0	4.7	0.9	91	CENTRAL MID-ATLANTIC RIDGE. Mw 5.3 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 07:30:51.6; Lat 0.92 N; Lon 28.72 W; Dep 15.0 Fix; Half-duration 1.1 sec; Principal axes (scale 10**17 Nm): (T) Val=1.02, Plg=4, Azm=219; (N) Val=-0.03, Plg=86, Azm=30; (P) Val=-0.99, Plg=1, Azm=129; Best double couple: Mo=1.0*10**17 Nm; NP1: Strike=263, Dip=86, Slip=177; NP2: Strike=354, Dip=87, Slip=4.
24	08	23	05.8?	21.30	S	169.85	E	66	D	4.3		1.2	14	LOYALTY ISLANDS REGION
24	08	25	41.0&	33.128	S	70.749	W	78					9	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.2 (GUC).
24	08	29	46.5&	18.189	N	97.865	W	9					19	CENTRAL MEXICO. <UNM>. MD 4.2 (UNM).
24	09	01	54.6*	51.833	N	157.860	E	33	N	4.2		0.6	8	NEAR EAST COAST OF KAMCHATKA
24	09	32	46.6&	33.462	S	72.380	W	33					10	OFF COAST OF CENTRAL CHILE. <GUC>. MD 4.2 (GUC).
24	09	45	00.0&	63.481	N	151.092	W	12					12	CENTRAL ALASKA. <AEIC>. ML 3.3 (AEIC), 3.5 (PMR). Felt at Kantishna.
24	10	05	11.4&	33.459	S	72.302	W	39					10	OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.7 (GUC).
24	10	24	41.5*	21.288	N	121.677	E	33	N	4.7		1.2	24	TAIWAN REGION
24	10	26	03.5&	33.518	S	72.300	W	33					10	OFF COAST OF CENTRAL CHILE. <GUC>. MD 4.2 (GUC).
24	10	26	48.2&	40.570	N	27.659	E	10	G				4	TURKEY. <ISK>. MD 2.8 (ISK).
24	10	34	33.7&	33.497	S	72.410	W	33					11	OFF COAST OF CENTRAL CHILE. <GUC>. MD 4.3 (GUC).
24	10	43	42.6&	39.349	N	27.264	E	15					4	TURKEY. <ISK>. MD 2.8 (ISK).
24	10	47	51.9&	33.475	S	72.349	W	35					10	OFF COAST OF CENTRAL CHILE. <GUC>. MD 4.1 (GUC).
24	10	50	21.5	46.089	N	14.762	E	10	G			0.8	7	NORTHWESTERN BALKAN REGION. ML 1.9 (VIE), 1.5 (LJU).
24	11	00	51.1&	33.473	S	72.340	W	32					10	OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.7 (GUC).
24	11	26	02.5&	11.062	N	60.842	W	18					5	WINDWARD ISLANDS. <TRN>. MD 3.2 (TRN).
24	11	32	22.2&	33.412	S	72.417	W	35					10	OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.4 (GUC).
24	11	34	07.5&	17.268	N	101.481	W	10					10	NEAR COAST OF GUERRERO, MEXICO. <UNM>. MD 4.1 (UNM).
24	11	57	02.0	12.055	N	143.755	E	22	*	5.2	4.6	1.2	106	SOUTH OF MARIANA ISLANDS
24	12	04	38.9&	43.383	N	17.665	E	0					10	NORTHWESTERN BALKAN REGION. <PDG>. MD 2.7 (PDG).
24	12	45	28.2&	33.502	N	116.510	W	15					28	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
24	12	49	05.5&	33.461	S	72.314	W	39					9	OFF COAST OF CENTRAL CHILE. <GUC>. MD 4.0 (GUC).
24	12	50	30.8&	33.471	S	72.263	W	34					9	OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.8 (GUC).
24	12	51	14.1&	44.408	N	7.247	E	10					9	NORTHERN ITALY. <GEN>. ML 1.9 (GEN).
24	12	51	36.4	44.723	N	146.286	E	166	D	4.6		0.9	58	KURIL ISLANDS. Felt (I JMA) in the Bekkai area, Hokkaido.
24	12	51	43.0	21.209	N	120.222	E	33	N	4.2		1.2	17	TAIWAN REGION
24	13	02	28.1*	45.298	N	13.181	E	10	G			0.9	9	NORTHERN ITALY. ML 3.0 (VIE).
24	13	27	03.2*	10.536	S	113.253	E	33	N	4.7		1.2	26	SOUTH OF JAWA, INDONESIA
24	15	55	56.9&	11.076	N	60.978	W	16					4	WINDWARD ISLANDS. <TRN>. MD 2.6 (TRN).
24	16	32	54.5?	17.68	S	174.66	W	33	N	4.7		1.0	9	TONGA ISLANDS
24	16	52	42.4&	38.860	S	176.020	E	104					31	NORTH ISLAND, NEW ZEALAND. <WEL>.
24	16	52	54.8&	34.546	N	33.595	E	20					6	CYPRUS REGION. <CSS>. ML 2.8 (CSS).
24	17	00	39.5*	14.030	S	167.034	E	33	N	4.3		1.1	8	VANUATU ISLANDS
24	17	03	05.9&	59.085	N	152.411	W	69					27	SOUTHERN ALASKA. <AEIC>. ML 2.7 (AEIC).
24	17	24	02.1&	31.548	S	69.441	W	163					11	SAN JUAN PROVINCE, ARGENTINA. <GUC>. MD 3.6 (GUC).
24	18	25	40.7&	44.900	N	6.700	E	2					13	FRANCE. <LDG>. ML 1.9 (GEN), 1.5 (LDG).
24	18	45	52.4?	5.13	S	153.09	E	33	N			1.0	6	NEW IRELAND REGION, P.N.G.
24	18	50	07.4*	9.888	S	157.403	E	33	N	4.1		0.7	8	SOLOMON ISLANDS
24	18	53	42.0&	33.428	S	72.330	W	35					13	OFF COAST OF CENTRAL CHILE. <GUC>. MD 4.1 (GUC).
24	20	26	40.9&	33.406	S	72.331	W	36					14	OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.9 (GUC).
24	21	12	47.6&	33.420	S	72.382	W	32					13	OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.9 (GUC).
24	21	44	14.3?	54.33	S	136.41	W	10	G			1.3	12	PACIFIC-ANTARCTIC RIDGE
24	21	46	10.0&	33.451	S	72.320	W	34					14	OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.9 (GUC).

24	21	49	36.1&	40.626	N	27.574	E	1				7	TURKEY. <ISK>. MD 3.1 (ISK).
24	22	20	47.3	45.863	N	15.686	E	10	G		0.7	8	NORTHWESTERN BALKAN REGION. ML 2.3 (VIE), 1.7 (ZAG), 1.5 (LJU).
24	22	37	54.8&	36.700	N	7.310	W	15				13	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.0 (MDD).
24	22	47	05.0*	21.129	N	120.168	E	33	N	4.0	1.0	16	TAIWAN REGION
24	22	57	40.8*	44.107	N	46.574	E	10	G	4.3	1.2	11	UKRAINE-MOLDOVA-SW RUSSIA REGION. Felt (II) at Makhachkala, Russia.
24	23	31	46.2	52.059	N	178.471	E	140	D	4.8	0.9	110	RAT ISLANDS, ALEUTIAN ISLANDS
24	23	42	46.8*	23.099	S	170.082	E	33	N	4.6	1.2	29	LOYALTY ISLANDS REGION
25	00	12	44.7&	44.663	N	7.169	E	10				15	NORTHERN ITALY. <GEN>. ML 1.9 (GEN), 1.4 (LDG).
25	00	13	36.5*	32.986	N	138.033	E	355	*	4.5	0.9	9	SOUTH OF HONSHU, JAPAN
25	00	18	08.5&	37.340	N	2.180	W	15				6	SPAIN. <MDD>. mbLg 2.0 (MDD).
25	01	47	07.6&	37.420	N	2.260	W	1				12	SPAIN. <MDD>. mbLg 2.0 (MDD).
25	01	51	45.5&	55.026	N	159.402	W	1				12	ALASKA PENINSULA. <AEIC>. ML 2.5 (AEIC).
25	02	04	34.8*	5.128	N	95.278	E	200	G	4.0	1.3	11	NORTHERN SUMATERA, INDONESIA
25	02	13	33.5	44.307	N	10.710	E	10	G		0.8	25	NORTHERN ITALY. ML 3.2 (VIE), 3.0 (LDG).
25	02	40	51.6*	40.571	S	173.395	E	243	*		0.8	17	COOK STRAIT, NEW ZEALAND
25	02	51	27.3*	5.302	N	126.037	E	33	N	4.6	0.7	10	MINDANAO, PHILIPPINE ISLANDS
25	02	59	01.1&	61.852	N	149.941	W	40				46	SOUTHERN ALASKA. <AEIC>. ML 3.3 (AEIC), 3.3 (PMR).
25	03	09	32.6*	6.026	S	146.520	E	114		4.5	1.5	23	EASTERN NEW GUINEA REG., P.N.G.
25	03	41	05.3&	38.480	N	3.200	W	16				11	SPAIN. <MDD>. mbLg 2.4 (MDD).
25	03	47	05.8&	16.181	N	97.659	W	10				7	OAXACA, MEXICO. <UNM>. MD 3.9 (UNM).
25	04	33	08.6&	33.225	N	116.013	W	6				26	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
25	04	45	06.8*	45.149	N	144.628	E	230	?	4.0	0.8	12	HOKKAIDO, JAPAN REGION
25	05	08	38.1&	54.035	N	164.118	W	8		4.6		74	UNIMAK ISLAND REGION. <AEIC>. ML 4.5 (AEIC), 4.3 (PMR).
25	05	17	20.1*	35.756	N	57.716	E	33	N	4.6	1.5	17	NORTHERN IRAN. Felt at Kashmar.
25	05	19	51.4&	54.044	N	164.112	W	15				20	UNIMAK ISLAND REGION. <AEIC>. ML 3.0 (AEIC).
25	05	50	51.0&	17.040	N	100.415	W	8				10	GUERRERO, MEXICO. <UNM>. MD 4.1 (UNM).
25	05	56	29.6	60.768	S	25.090	W	33	N	4.8 4.6	0.9	49	SOUTH SANDWICH ISLANDS REGION
25	06	29	52.0&	63.420	N	150.654	W	16				38	CENTRAL ALASKA. <AEIC>. ML 2.9 (AEIC), 3.1 (PMR).
25	07	00	21.8*	17.746	S	178.944	W	600	G	3.8	1.1	27	FIJI ISLANDS REGION
25	07	19	43.9	12.174	S	167.297	E	300	G	4.6	1.0	94	SANTA CRUZ ISLANDS
25	07	42	14.8&	38.300	N	22.760	E	11		4.2		106	GREECE. <ATH>. ML 4.3 (ATH). Felt at Athens and Lamia.
25	09	18	43.4	21.167	N	120.171	E	41	*	4.7	1.0	38	TAIWAN REGION
25	09	19	36.2&	39.618	N	29.461	E	10	G			4	TURKEY. <ISK>. MD 2.8 (ISK).
25	09	44	42.1&	31.545	S	71.588	W	33				7	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.8 (GUC).
25	09	49	54.0	14.343	N	91.711	W	64	D	4.9 4.3	1.3	121	GUATEMALA. Mw 5.2 (HRV). MD 4.9 (UNM), 4.9 (CASC). Some damage at Quezaltenango. Felt at Guatemala City. Centroid, Moment Tensor (HRV): Centroid origin time 09:49:53.3; Lat 14.02 N; Lon 91.73 W; Dep 46.7; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=7.73, Plg=27, Azm=57; (N) Val=-0.26, Plg=18, Azm=317; (P) Val=-7.48, Plg=56, Azm=197; Best double couple: Mo=7.6*10**16 Nm; NP1: Strike=184, Dip=24, Slip=-40; NP2: Strike=311, Dip=74, Slip=-109.
25	10	29	42.4*	10.990	S	95.385	E	10	G	4.2	0.6	12	SOUTH INDIAN OCEAN
25	11	08	43.1*	33.896	S	71.356	W	33	N		1.5	9	NEAR COAST OF CENTRAL CHILE. Felt (IV) at Rancagua; (III) at Coya, San Fernando, Santa Cruz and Santiago; (II) at San Antonio.
25	11	12	29.2	3.802	N	126.347	E	33	N	5.4 5.0	1.1	119	TALAUD ISLANDS, INDONESIA. Mw 5.6 (HRV), 5.4 (GS). Moment Tensor (GS): Dep 11; Principal axes (scale 10**17 Nm): (T) Val=1.36, Plg=65, Azm=163; (N) Val=0.25, Plg=22, Azm=12; (P) Val=-1.61, Plg=11, Azm=278; Best double couple: Mo=1.5*10**17 Nm; NP1: Strike=343, Dip=39, Slip=54; NP2: Strike=206, Dip=59, Slip=116. Centroid, Moment Tensor (HRV): Centroid origin time 11:12:32.1; Lat 4.09 N Fix; Lon 126.49 E Fix; Dep 17.2 Fix; Half-duration 1.6 sec; Principal axes (scale 10**17 Nm): (T) Val=2.33, Plg=58, Azm=97; (N) Val=0.05, Plg=16, Azm=340; (P) Val=-2.38, Plg=27, Azm=242; Best double couple: Mo=2.4*10**17 Nm; NP1: Strike=298, Dip=23, Slip=45; NP2: Strike=165, Dip=74, Slip=106.
25	11	14	20.5&	38.440	N	21.920	E	28				5	GREECE. <ATH>. MD 2.9 (ATH).
25	11	29	56.7?	34.97	S	110.53	W	10	G	4.7	0.9	9	SOUTHERN EAST PACIFIC RISE
25	11	34	30.1&	63.447	N	151.297	W	9		3.6		49	CENTRAL ALASKA. <AEIC>. ML 4.0 (AEIC), 4.0 (PMR). Felt at Kantishna.
25	11	38	40.9?	45.29	N	13.07	E	10	G		0.6	7	NORTHERN ITALY. ML 3.0 (VIE).
25	13	53	13.2&	44.661	N	7.175	E	11				19	NORTHERN ITALY. <GEN>. ML 2.2 (GEN), 2.0 (LDG).
25	14	26	59.1&	18.154	N	101.827	W	103				9	GUERRERO, MEXICO. <UNM>. MD 4.0 (UNM).
25	14	43	33.5*	21.174	N	120.262	E	42	*		1.0	14	TAIWAN REGION
25	14	47	23.7	25.562	N	122.348	E	284		4.6	0.9	65	TAIWAN REGION
25	15	31	24.5&	39.273	N	27.685	E	8				4	TURKEY. <ISK>. MD 3.0 (ISK).
25	15	35	55.2*	20.467	N	120.498	E	33	N	4.6	1.4	9	PHILIPPINE ISLANDS REGION
25	16	42	22.4*	45.313	N	13.143	E	10	G		0.7	10	NORTHERN ITALY. ML 2.8 (VIE).
25	16	47	28.4&	16.394	N	61.494	W	15				4	LEEWARD ISLANDS. <FDF>. MG 2.5 (FDF).
25	16	51	59.4*	10.884	S	161.065	E	63	*		0.6	6	SOLOMON ISLANDS
25	17	08	31.9?	15.96	S	179.98	W	250	G	4.0	1.3	11	FIJI ISLANDS REGION
25	17	15	57.8	33.335	S	72.285	W	33	N	4.5	1.0	22	OFF COAST OF CENTRAL CHILE. MD 4.7 (GUC). Felt (III) at Concon, Puchuncavi, Valparaiso and Vina del Mar; (II) at Quilpue, San Antonio and Villa Alemana.
25	17	23	37.9&	33.562	S	72.313	W	47				12	OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.9 (GUC).
25	17	26	36.9&	33.526	S	72.316	W	40				12	OFF COAST OF CENTRAL CHILE. <GUC>. MD 4.1 (GUC).
25	17	26	50.3*	22.830	S	63.710	W	547	*	4.2	1.2	14	SALTA PROVINCE, ARGENTINA
25	17	39	02.9*	37.612	N	5.454	E	10	G		1.0	15	WESTERN MEDITERRANEAN SEA. mbLg 2.5 (MDD).
25	17	43	50.8&	33.473	S	72.265	W	40				12	OFF COAST OF CENTRAL CHILE. <GUC>. MD 4.2 (GUC). Felt (II) at Llaillay, Puchuncavi, Valparaiso, Villa Alemana and Vina del Mar.
25	17	57	44.9&	13.178	N	60.510	W	54				8	WINDWARD ISLANDS. <TRN>. MD 2.9 (TRN).
25	18	00	46.5&	33.487	S	72.332	W	34				11	OFF COAST OF CENTRAL CHILE. <GUC>.
25	18	02	06.2&	33.489	S	72.282	W	37				11	OFF COAST OF CENTRAL CHILE. <GUC>. Felt (III) at San Antonio and (II) at Quilpue and Villa Alemana.
25	18	03	54.2&	33.478	S	72.241	W	37				11	OFF COAST OF CENTRAL CHILE. <GUC>.
25	18	09	33.4&	33.449	S	72.323	W	33				11	OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.9 (GUC).

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25  18 13 38.4& 33.439 S   72.319 W   34     4.6                 18  OFF COAST OF CENTRAL CHILE. <GUC>. MD 4.6 (GUC). Felt (II)
                                                                       at Puchuncavi, Valparaiso and Villa Alemana.
25  18 25 58.5& 33.466 S   72.385 W   30                         11  OFF COAST OF CENTRAL CHILE. <GUC>. MD 4.1 (GUC).
25  18 34 59.8& 33.487 S   72.262 W   35                         12  OFF COAST OF CENTRAL CHILE. <GUC>. MD 4.0 (GUC).
25  18 37 23.6& 33.478 S   72.282 W   35     4.1                 25  OFF COAST OF CENTRAL CHILE. <GUC>. MD 4.5 (GUC). Felt (II)
                                                                       at Valparaiso and Vina del Mar.
25  18 46 55.6& 33.475 S   72.358 W   33                         10  OFF COAST OF CENTRAL CHILE. <GUC>. MD 4.0 (GUC).
25  18 55 03.1& 33.437 S   72.298 W   33                          8  OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.4 (GUC).
25  19 01 09.7& 15.862 N   98.817 W   16                          7  OFF COAST OF GUERRERO, MEXICO. <UNM>. MD 3.8 (UNM).
25  19 05 23.5& 33.472 S   72.247 W   37                         10  OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.8 (GUC).
25  19 07 30.4& 33.454 S   72.286 W   35                         10  OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.7 (GUC).
25  19 11 33.0? 35.90  S  178.98  E  238 ?  4.2       1.2        16  OFF E. COAST OF N. ISLAND, N.Z.
25  19 19 04.3& 33.406 S   72.297 W   33                          8  OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.7 (GUC).
25  19 28 45.7& 33.466 S   72.233 W   34                          9  OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.6 (GUC).
25  19 34 05.5*  9.426 S  155.554 E   33 N  4.1       0.9        10  D'ENTRECASTEAUX ISLANDS REGION
25  19 39 46.4& 37.900 N   23.280 E   29                          5  SOUTHERN GREECE. <ATH>. MD 2.9 (ATH).
25  19 44 11.1& 33.444 S   72.322 W   34                         10  OFF COAST OF CENTRAL CHILE. <GUC>. MD 4.2 (GUC).
25  19 51 16.1   9.943 S  123.992 E   33 N  4.3       1.2        13  TIMOR REGION, INDONESIA
25  19 53 11.9   9.577 S  155.621 E   33 N  4.7 4.0   0.6        23  D'ENTRECASTEAUX ISLANDS REGION
25  20 05 56.0*  5.529 N  126.606 E   33 N  4.3       0.5        12  MINDANAO, PHILIPPINE ISLANDS
25  20 37 01.0?  9.41  S  155.44  E   33 N            0.6         7  D'ENTRECASTEAUX ISLANDS REGION
25  20 54 59.0& 34.498 N   32.201 E   25                          6  CYPRUS REGION. <CSS>. ML 2.9 (CSS).
25  20 59 34.1& 33.765 S   70.652 W   84                         10  CHILE-ARGENTINA BORDER REGION. <GUC>.
25  21 29 22.2& 33.414 S   72.311 W   32                         10  OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.3 (GUC).
25  22 06 07.5& 60.962 N  147.309 W   22                         37  SOUTHERN ALASKA. <AEIC>. ML 3.0 (AEIC), 3.7 (PMR).
25  23 19 59.9? 49.73  S  111.84  E   10 G            0.6         6  SOUTHEAST INDIAN RIDGE
25  23 36 07.1& 40.360 N    1.440 W    1                         14  SPAIN. <MDD>. mbLg 2.9 (MDD). ML 2.7 (LDG).
25  23 51 39.6& 33.431 S   72.316 W   36                         13  OFF COAST OF CENTRAL CHILE. <GUC>.
25  23 52 32.3& 60.231 N  153.132 W  131                         27  SOUTHERN ALASKA. <AEIC>.
26  00 13 49.7& 33.435 S   72.303 W   15                         11  OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.7 (GUC).
26  00 17 20.0% 31.208 S  117.260 E    5 G            0.3         5  WESTERN AUSTRALIA
26  00 32 22.0& 46.600 N    1.100 E    3                         11  FRANCE. <LDG>. ML 2.2 (LDG).
26  00 40 22.6& 44.900 N    4.800 E   11                         21  FRANCE. <LDG>. ML 2.2 (LDG), 2.2 (STR).
26  01 10 18.2& 33.414 S   72.320 W   35                         14  OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.9 (GUC).
26  01 15 03.4  21.217 N  120.154 E   33 N  4.4       1.2        30  TAIWAN REGION
26  02 18 28.1& 37.690 S  177.490 E  208                         12  OFF E. COAST OF N. ISLAND, N.Z. <WEL>.
26  02 57 50.9  16.102 S  173.316 W   33 N  5.0 4.7   0.9       100  TONGA ISLANDS. Mw 5.2 (HRV).
                                                                       Centroid, Moment Tensor (HRV): Centroid origin time
                                                                        02:57:53.3; Lat 16.04 S; Lon 172.67 W; Dep 15.0 Fix; Half-
                                                                        duration 1.0 sec; Principal axes (scale 10**16 Nm): (T)
                                                                        Val=7.59, Plg=8, Azm=359; (N) Val=-1.12, Plg=69, Azm=246;
                                                                        (P) Val=-6.47, Plg=19, Azm=92; Best double couple:
                                                                        Mo=7.0*10**16 Nm; NP1: Strike=134, Dip=71, Slip=-7; NP2:
                                                                        Strike=226, Dip=83, Slip=-160.
26  03 18 23.0& 16.151 N   99.285 W   17                         11  NEAR COAST OF GUERRERO, MEXICO. <UNM>. MD 3.9 (UNM).
26  03 32 37.5* 13.884 N  145.488 E  115 *  4.1       1.2        19  MARIANA ISLANDS
26  03 45 30.8* 44.416 N   12.934 E   10 G            1.5        17  NORTHERN ITALY. ML 2.2 (LDG).
26  04 34 51.2*  9.365 S  158.658 E   33 N            0.7         8  SOLOMON ISLANDS
26  04 44 00.4*  3.278 N  124.227 E  367 *  4.4       1.1        23  CELEBES SEA
26  05 14 53.1& 33.460 S   72.308 W   34                         11  OFF COAST OF CENTRAL CHILE. <GUC>. MD 4.0 (GUC).
26  05 16 36.1& 32.532 S   71.662 W   20                         10  NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.8 (GUC).
26  07 13 12.2& 45.800 N    6.000 E    2                          6  FRANCE. <LDG>. ML 2.1 (LDG).
26  07 29 21.7& 33.461 S   72.278 W   36                         10  OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.9 (GUC).
26  07 34 11.7& 33.473 S   72.276 W   34                         11  OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.9 (GUC).
26  08 17 21.7& 39.234 N   27.525 E   13                          4  TURKEY. <ISK>. MD 2.8 (ISK).
26  08 43 35.4& 35.736 S   71.297 W  121                         10  CENTRAL CHILE. <GUC>. MD 3.6 (GUC).
26  09 13 15.2& 37.374 S   71.939 W  139     4.4                 16  S. CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.8 (GUC).
26  09 28 43.5& 33.473 S   72.334 W   33     4.5                 21  OFF COAST OF CENTRAL CHILE. <GUC>. MD 4.5 (GUC).
26  09 35 01.2& 33.470 S   72.317 W   35                          9  OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.8 (GUC).
26  09 43 47.2& 33.466 S   72.238 W   37                          7  OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.6 (GUC).
26  09 50 08.4  40.884 N   19.771 E   10 G            0.8        19  ALBANIA. MD 3.6 (ATH), 3.4 (PDG).
26  09 58 10.8& 46.400 N    0.000 E    3                          6  FRANCE. <LDG>. ML 2.2 (LDG).
26  10 06 43.1& 33.463 S   72.324 W   32                         11  OFF COAST OF CENTRAL CHILE. <GUC>. MD 4.2 (GUC).
26  10 27 42.4* 43.184 N   46.207 E   95 D  3.8       1.0        13  EASTERN CAUCASUS
26  10 31 32.9*  3.874 N   32.029 W   10 G  4.5 4.3   1.5        27  CENTRAL MID-ATLANTIC RIDGE
26  10 38 21.0  44.988 N   13.032 E   10 G            1.2        15  ADRIATIC SEA. ML 2.9 (VIE).
26  10 50 07.5? 14.72  S  173.93  W   33 N  4.3       0.9         8  SAMOA ISLANDS REGION
26  11 19 45.7  52.202 N  169.264 W   33 N  4.6       1.0        71  FOX ISLANDS, ALEUTIAN ISLANDS
26  11 48 47.7  40.825 N   20.854 E   10 G            0.9        13  GREECE-ALBANIA BORDER REGION. MD 3.3 (ATH), 2.9 (PDG).
26  11 59 31.4* 45.469 N   13.302 E   10 G            0.7        10  NORTHERN ITALY. ML 2.7 (VIE).
26  12 21 08.4& 33.500 S   72.281 W   39                          7  OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.5 (GUC).
26  12 21 10.9& 41.010 S  172.650 E  145                          7  SOUTH ISLAND, NEW ZEALAND. <WEL>.
26  12 31 06.6& 57.666 N  152.525 W   41     3.2                 30  KODIAK ISLAND REGION. <AEIC>. ML 3.1 (AEIC).
26  12 39 10.7? 15.78  S   66.52  E   10 G  4.3       1.3        12  MID-INDIAN RIDGE
26  13 36 59.6& 34.173 S   71.274 W   75                         14  NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.5 (GUC).
26  13 37 38.7*  5.691 S  154.510 E  200 G  4.0       0.9        10  SOLOMON ISLANDS
26  13 51 49.1& 33.403 S   72.336 W   32                         14  OFF COAST OF CENTRAL CHILE. <GUC>. MD 4.3 (GUC).
26  14 01 33.2& 39.370 N   19.810 E   15                          7  GREECE-ALBANIA BORDER REGION. <ATH>. MD 3.3 (ATH).
26  14 05 57.0& 33.481 S   72.295 W   39                         15  OFF COAST OF CENTRAL CHILE. <GUC>. MD 4.3 (GUC).
26  14 07 45.9& 16.161 N   98.299 W    6                          8  NEAR COAST OF GUERRERO, MEXICO. <UNM>. MD 3.8 (UNM).
26  14 11 09.6& 57.716 N    5.085 W    8                          5  UNITED KINGDOM. <BGS>. ML 1.7 (BGS).
26  14 13 37.7* 71.857 N   11.693 W   10 G  4.4       0.9         8  JAN MAYEN ISLAND REGION
26  14 13 55.1?  5.47  N  125.74  E  300 G  4.3       1.4         9  MINDANAO, PHILIPPINE ISLANDS
26  15 08 50.5& 37.980 N   21.470 E    5                          6  SOUTHERN GREECE. <ATH>. MD 3.2 (ATH).
26  15 15 43.2& 31.640 S   71.714 W   24                         12  NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.8 (GUC).
26  15 24 59.1* 51.569 N  175.148 W   33 N  3.7       0.6        10  ANDREANOF ISLANDS, ALEUTIAN IS.
26  16 05 55.2& 44.432 N    7.367 E    8                         14  NORTHERN ITALY. <GEN>. ML 2.3 (GEN), 1.8 (LDG).
26  16 33 12.1& 16.097 N   98.416 W    5                          5  NEAR COAST OF GUERRERO, MEXICO. <UNM>. MD 3.8 (UNM).
26  16 44 03.4& 33.399 S   72.390 W   30                         12  OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.7 (GUC).
26  17 11 51.2& 36.560 N    7.770 W   15                         24  STRAIT OF GIBRALTAR. <MDD>. mbLg 2.7 (MDD).
26  17 1[illegible] 11.8& 39.940 N   20.990 E    8                          8  GREECE-ALBANIA BORDER REGION. <ATH>. MD 3.1 (ATH).
26  18 28 19.2& 44.389 N    7.209 E   36                          4  NORTHERN ITALY. <GEN>.
26  18 35 23.6& 40.620 N   23.050 E    5                          6  GREECE. <ATH>. MD 3.0 (ATH). Felt at Thessaloniki.
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26  18 52 32.2& 41.050 N    7.100 W   15                        14  PORTUGAL. <MDD>. mbLg 2.2 (MDD).
26  19 10 54.8   4.749 S  149.573 E  615     4.6        0.9   40  BISMARCK SEA
26  19 36 45.1* 26.741 S  176.132 W   33 N  4.7 4.7    1.3   37  SOUTH OF FIJI ISLANDS. Mw 5.1 (HRV).
                                                                  Centroid, Moment Tensor (HRV): Centroid origin time
                                                                   19:36:46.6; Lat 26.46 S; Lon 175.32 W; Dep 41.7; Half-
                                                                   duration 1.0 sec; Principal axes (scale 10**16 Nm): (T)
                                                                   Val=4.76, Plg=53, Azm=336; (N) Val=0.00, Plg=25, Azm=208;
                                                                   (P) Val=-4.75, Plg=26, Azm=105; Best double couple:
                                                                   Mo=4.8*10**16 Nm; NP1: Strike=153, Dip=30, Slip=31; NP2:
                                                                   Strike=35, Dip=75, Slip=116.
26  20 46 01.2*  0.170 N  122.438 E  200 G  4.8          0.8   11  MINAHASSA PENINSULA, SULAWESI
26  20 53 40.3  16.947 S  173.514 W   40 D  4.8 4.6      1.0   63  TONGA ISLANDS
26  21 16 20.1* 43.828 N  147.509 E   33 N  4.6          1.3   19  KURIL ISLANDS.
26  21 24 39.3& 43.000 N    0.100 W    7                        12  PYRENEES. <LDG>. ML 2.4 (LDG), 2.2 (STR).
26  21 25 15.9  14.331 N   90.768 W  176     4.4        1.2   22  GUATEMALA
26  21 29 14.3& 33.465 S   72.326 W   33                        10  OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.3 (GUC).
26  21 36 31.1* 26.796 N   91.806 E   52 *  4.4          1.2   18  NORTHEASTERN INDIA
26  21 52 58.6& 17.854 N  100.679 W    5                         6  GUERRERO, MEXICO. <UNM>. MD 3.7 (UNM).
26  21 53 18.2? 16.55  S  173.86  W   33 N  4.3          0.8   17  TONGA ISLANDS
26  21 54 10.9  30.098 N   69.444 E   33 N  5.3 5.4      1.0  280  PAKISTAN. Mw 5.6 (GS), 5.6 (HRV).
                                                                  Moment Tensor (GS): Dep 6; Principal axes (scale 10**17 Nm):
                                                                   (T) Val=2.72, Plg=59, Azm=201; (N) Val=0.12, Plg=26,
                                                                   Azm=55; (P) Val=-2.84, Plg=15, Azm=317; Best double couple:
                                                                   Mo=2.8*10**17 Nm; NP1: Strike=15, Dip=38, Slip=43; NP2:
                                                                   Strike=248, Dip=65, Slip=119.
                                                                  Centroid, Moment Tensor (HRV): Centroid origin time
                                                                   21:54:14.8; Lat 29.97 N; Lon 69.77 E; Dep 33.0 Fix; Half-
                                                                   duration 1.6 sec; Principal axes (scale 10**17 Nm): (T)
                                                                   Val=2.24, Plg=55, Azm=218; (N) Val=0.53, Plg=33, Azm=56;
                                                                   (P) Val=-2.77, Plg=8, Azm=320; Best double couple:
                                                                   Mo=2.5*10**17 Nm; NP1: Strike=18, Dip=47, Slip=41; NP2:
                                                                   Strike=257, Dip=61, Slip=129.
26  22 05 28.9  17.956 S  178.187 W  590 D  5.3          0.9  340  FIJI ISLANDS REGION. Mw 6.0 (HRV).
                                                                  Centroid, Moment Tensor (HRV): Centroid origin time
                                                                   22:05:36.7; Lat 17.76 S; Lon 178.17 W; Dep 623.9; Half-
                                                                   duration 2.6 sec; Principal axes (scale 10**18 Nm): (T)
                                                                   Val=1.40, Plg=17, Azm=112; (N) Val=-0.10, Plg=16, Azm=17;
                                                                   (P) Val=-1.30, Plg=67, Azm=245; Best double couple:
                                                                   Mo=1.3*10**18 Nm; NP1: Strike=224, Dip=32, Slip=-58; NP2:
                                                                   Strike=8, Dip=63, Slip=-108.
26  22 12 23.1? 16.96  S  173.57  W   33 N  4.6          1.1   19  TONGA ISLANDS
26  22 34 15.3& 47.300 N    1.000 E    2                        11  FRANCE. <LDG>. ML 1.8 (LDG).
26  22 59 32.0& 38.150 N   26.430 E    5                        21  AEGEAN SEA. <ATH>. MD 3.9 (ATH), 3.7 (ISK).
26  23 43 32.6& 38.110 N   27.180 E   54                         5  TURKEY. <ATH>. MD 3.6 (ATH).
27  00 00 57.9* 60.571 S   21.452 W   33 N  4.0          0.9    9  SOUTHWESTERN ATLANTIC OCEAN
27  00 21 37.6? 34.39  N   32.04  E   33 N                1.1   14  CYPRUS REGION. ML 3.6 (CSS). MD 3.6 (ISK).
27  00 31 08.4   5.010 S   81.058 W   33 N  4.6          0.5   15  NEAR COAST OF NORTHERN PERU
27  00 35 35.2& 44.165 N    7.164 E   10                         4  NORTHERN ITALY. <GEN>. ML 1.6 (GEN).
27  00 44 16.9& 47.200 N    1.000 E    3                        14  FRANCE. <LDG>. ML 2.3 (LDG).
27  00 45 09.7& 47.200 N    1.000 E    2                        11  FRANCE. <LDG>. ML 2.1 (LDG).
27  00 55 41.3*  5.500 N  126.703 E   81 ?                0.6    7  MINDANAO, PHILIPPINE ISLANDS
27  01 05 01.8& 47.200 N    1.000 E    2                         8  FRANCE. <LDG>. ML 1.7 (LDG).
27  01 29 53.9& 41.080 S  172.930 E  196                        10  SOUTH ISLAND, NEW ZEALAND. <WEL>.
27  01 35 24.3   7.090 S   76.536 W   33 N  4.2          0.7   16  NORTHERN PERU
27  01 39 37.8* 46.026 N   14.264 E   10 G                0.4    5  NORTHWESTERN BALKAN REGION. ML 1.3 (LJU).
27  02 26 47.4& 40.417 N   29.235 E   14                         6  TURKEY. <ISK>. MD 2.8 (ISK).
27  03 51 51.7& 16.421 N   61.308 W   15                         8  LEEWARD ISLANDS. <FDF>. MD 2.9 (TRN).
27  04 16 08.2& 31.928 S   70.258 W  139                        12  CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.4 (GUC).
27  04 48 48.3& 17.141 N   94.772 W  135                        12  CHIAPAS, MEXICO. <UNM>. MD 4.2 (UNM).
27  05 03 38.1* 33.471 N  141.592 E   33 N  3.7          0.5   11  OFF EAST COAST OF HONSHU, JAPAN. Felt (I JMA) on Hachijo-
                                                                   jima.
27  05 17 19.4& 33.432 S   72.345 W   34                        15  OFF COAST OF CENTRAL CHILE. <GUC>. MD 4.1 (GUC).
27  05 44 26.2  40.579 N   63.322 E   33 N  4.6          0.8   74  NORTHWESTERN UZBEKISTAN
27  05 48 40.8& 33.412 S   72.279 W   36                        13  OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.8 (GUC).
27  05 49 00.0& 44.134 N    7.104 E    5                        13  NORTHERN ITALY. <GEN>. ML 2.0 (GEN), 1.9 (LDG).
27  06 04 35.0& 45.170 N   16.180 E    8                         7  NORTHWESTERN BALKAN REGION. <ZAG>. ML 1.9 (LJU).
27  06 24 08.7& 44.874 N    6.437 E    1                        19  FRANCE. <GEN>. ML 2.2 (GEN), 2.2 (LDG).
27  06 30 10.5*  3.740 S  151.062 E   33 N  4.5          1.3   15  NEW IRELAND REGION, P.N.G.
27  06 45 32.9& 47.200 N    1.000 E    2                        11  FRANCE. <LDG>. ML 2.1 (LDG).
27  06 59 27.1  12.926 N   88.488 W   76 D  4.6          1.0   58  OFF COAST OF CENTRAL AMERICA. MD 4.4 (CASC).
27  07 36 56.9* 40.621 N   23.116 E    5 G                0.9    5  GREECE. MD 3.0 (ATH). Felt at Thessaloniki.
27  08 00 48.7& 36.730 N    3.320 W   16                         5  STRAIT OF GIBRALTAR. <MDD>. mbLg 1.9 (MDD).
27  08 07 31.9  11.375 N  125.854 E   33 N  4.6          1.0   13  SAMAR, PHILIPPINE ISLANDS
27  08 23 55.5& 16.140 N   98.143 W   16                         9  NEAR COAST OF GUERRERO, MEXICO. <UNM>. MD 4.1 (UNM).
27  08 43 04.9  41.182 N   19.664 E   54 *  4.0          1.4   57  ALBANIA. MD 3.9 (ATH), 3.9 (PDG).
27  08 52 16.1* 16.199 S  177.557 W  400 G  3.9          0.7   19  FIJI ISLANDS REGION
27  09 54 16.2& 14.611 N   60.898 W   11                         6  WINDWARD ISLANDS. <FDF>. MD 2.8 (TRN).
27  10 04 40.1* 13.901 N  144.864 E  157 *  3.8          1.3   15  MARIANA ISLANDS
27  10 06 42.8* 46.392 S   10.745 W   10 G  4.3          1.3   12  SOUTHERN MID-ATLANTIC RIDGE
27  10 32 24.5& 60.077 N  153.079 W  109     3.9               51  SOUTHERN ALASKA. <AEIC>.
27  10 46 20.6& 34.454 S   70.438 W   12                         5  CHILE-ARGENTINA BORDER REGION. <GUC>.
27  10 50 12.8* 36.198 N  139.900 E   48 D  4.0          1.1   14  EASTERN HONSHU, JAPAN. Felt (II JMA) in parts of Gunma,
                                                                   Ibaraki, Saitama and Tochigi Prefectures.
27  11 09 10.5  18.009 S  172.711 W   33 N  5.1 4.7      1.0   83  TONGA ISLANDS REGION. Mw 5.2 (HRV).
                                                                  Centroid, Moment Tensor (HRV): Centroid origin time
                                                                   11:09:14.7; Lat 18.13 S; Lon 172.53 W; Dep 15.0 Fix; Half-
                                                                   duration 1.1 sec; Principal axes (scale 10**16 Nm): (T)
                                                                   Val=5.61, Plg=0, Azm=118; (N) Val=0.96, Plg=22, Azm=28; (P)
                                                                   Val=-6.57, Plg=68, Azm=208; Best double couple:
                                                                   Mo=6.1*10**16 Nm; NP1: Strike=229, Dip=49, Slip=-60; NP2:
                                                                   Strike=8, Dip=49, Slip=-120.
27  11 37 42.3& 40.690 N   23.060 E    5                         7  GREECE. <ATH>. MD 3.2 (ATH). Felt at Thessaloniki.
27  11 40 43.4*  3.456 N   31.229 W   10 G  4.2          0.4    6  CENTRAL MID-ATLANTIC RIDGE
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27  11 57 27.3& 40.680 N   23.050 E    5                    7  GREECE. <ATH>. MD 3.2 (ATH). F        Thessaloniki.
27  12 25 52.5  40.025 N   69.831 E   33 N  4.3       0.9  36  TAJIKISTAN. Felt (III) at Tos        'zbekistan.
27  12 48 29.3  52.261 N  169.335 W   33 N  4.0       0.7  21  FOX ISLANDS, ALEUTIAN ISLAND
27  12 57 19.7* 11.436 N  125.831 E   33 N  4.8       0.8   9  SAMAR, PHILIPPINE ISLANDS
27  12 57 28.7& 38.700 S  175.800 E  147                     16  NORTH ISLAND, NEW ZEALAND. <
27  13 15 16.1* 40.492 N   63.200 E   33 N  4.0       1.5  10  NORTHWESTERN UZBEKIST
27  13 28 31.5& 38.170 N    2.970 W   15                     11  SPAIN. <MDD>. mbLg       MDD
27  14 01 39.1  20.105 S  173.692 W   33 N  4.9 4.7  1.0  68  TONGA ISLANDS. Mw 5.    HRV).
                                                              Centroid, Moment Tens.  (HRV        oid origin time
                                                               14:01:36.7; Lat 20.27 S; Lo        5 W; Dep 15.0 Bdy; Half-
                                                               duration 1.0 sec; Pr  cipal        scale 10**16 Nm): (T)
                                                               Val=7.76, Plg=62, A  310;          --1.13, Plg=3, Azm=47;
                                                               (P) Val=-6.63, Plg=  Azm-          st double couple:
                                                               Mo=7.2*10**16 Nm; NP1: Str.-       . Dip=18, Slip=101; NP2:
                                                               Strike=46, Dip=73, Slip=87
27  14 21 25.2& 38.873 N   26.688 E   10 G                    4  AEGEAN SEA. <ISK>. MD 3.0 (I.
27  14 39 49.7? 15.52  S   71.99  W  100 G  3.9       0.6   7  SOUTHERN PERU
27  15 14 55.9  44.238 N   13.451 E   10 G            1.1  21  ADRIATIC SEA
27  15 24 50.2& 44.465 N    7.179 E    9                    11  NORTHERN ITALY. <GEN>. ML 2.1 (GEN), 1.7 (LDG).
27  15 30 58.0* 12.201 N   93.049 E   33 N  4.1       1.3  13  ANDAMAN ISLANDS, INDIA
27  17 16 02.6* 17.824 S  173.093 W   33 N  4.5       1.4  24  TONGA ISLANDS
27  17 28 45.3   9.779 S  118.296 E   33 N  4.8       1.4  40  SUMBAWA REGION, INDONESIA
27  17 31 20.9& 38.130 N   27.040 E   60                     6  TURKEY. <ATH>.
27  17 56 34.8   5.999 S  154.687 E  114    4.9       1.2  67  SOLOMON ISLANDS. Mw 5.2 (HRV).
                                                              Centroid, Moment Tensor (HRV): Centroid origin time
                                                               17:56:32.9; Lat 6.40 S; Lon 154.71 E; Dep 118.2; Half-
                                                               duration 1.0 sec; Principal axes (scale 10**16 Nm): (T)
                                                               Val=6.95, Plg=29, Azm=79; (N) Val=2.32, Plg=38, Azm=194;
                                                               (P) Val=-9.26, Plg=38, Azm=323; Best  ble couple:
                                                               Mo=8.1*10**16 Nm; NP1: Strike=116, Dip 39, Slip=-171; NP2:
                                                               Strike=19, Dip=84, Slip=-51.
27  18 07 13.3& 33.631 S   70.824 W   82                    11  CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.7 (GUC).
27  18 34 37.6& 32.993 S   70.841 W   69                    11  CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.7 (GUC).
27  22 15 25.0& 37.371 N   29.927 E   10 G                   4  TURKEY. <ISK>. MD 2.9 (ISK).
27  22 19 42.8& 44.900 N    8.893 E    9                    18  NORTHERN ITALY. <GEN>. ML 2.3 (LDG), 2.2 (GEN).
27  22 44 29.3& 40.867 N   28.761 E   22                     8  TURKEY. <ISK>. MD 2.9 (ISK).
27  22 51 33.4& 54.554 N  162.840 W   56                    11  ALASKA PENINSULA. <AEIC>. ML 2.9 (AEIC).
27  23 14 45.5* 36.283 N   70.966 E  236 ?  3.9       0.9  18  HINDU KUSH REGION, AFGHANISTAN
28  00 05 19.8* 19.253 N   64.845 W   33 N  3.8       1.3   9  VIRGIN ISLANDS
28  00 10 53.4* 18.308 S  177.880 W  600 G  4.2       1.0  38  FIJI ISLANDS REGION
28  00 16 50.1  38.214 N   26.572 E    5 G            0.8  30  AEGEAN SEA. MD 4.0 (ATH), 4.0 (ISK).
28  01 09 19.0& 36.530 N   25.480 E  119                    10  DODECANESE ISLANDS. <ATH>. MD 3.5 (ATH).
28  01 23 04.7* 44.280 N   13.777 W   10 G  4.0       1.1  62  NORTH ATLANTIC OCEAN
28  01 36 23.1* 12.926 N   88.283 W   33 N  4.2       1.2  14  OFF COAST OF CENTRAL AMERICA
28  01 36 39.1& 33.497 S   70.025 W  128                     6  CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.3 (GUC).
28  01 59 51.1  20.944 S  178.758 W  626 D  4.8       0.8 148  FIJI ISLANDS REGION
28  02 00 36.0  45.620 N   15.203 E   10 G            1.0   6  NORTHWESTERN BALKAN REGION. ML 1.9 (VIE).
28  02 10 08.5& 15.908 N   98.049 W   16                    19  OFF COAST OF GUERRERO, MEXICO. <UNM>. MD 4.1 (UNM).
28  02 52 20.2* 29.373 S   71.444 W   33 N            0.8  13  NEAR COAST OF CENTRAL CHILE
28  02 52 23.6& 53.710 N  163.930 W   17                    16  UNIMAK ISLAND REGION. <AEIC>. ML 3.1 (AEIC).
28  02 55 31.1* 17.614 S  178.787 W  538 ?  4.3       0.8  29  FIJI ISLANDS REGION
28  02 59 15.7* 20.607 S   69.387 W   99 *  4.3       1.3  17  NORTHERN CHILE
28  03 08 01.1& 39.305 N   27.770 E    7                     5  TURKEY. <ISK>. MD 3.0 (ISK).
28  03 37 53.5& 33.486 S   72.342 W   33                    10  OFF COAST OF CENTRAL CHILE. <GUC>. MD 4.1 (GUC).
28  04 02 44.3& 17.202 N   95.027 W   95                     8  OAXACA, MEXICO. <UNM>. MD 4.1 (UNM).
28  04 18 00.0& 37.877 N   29.089 E   10 G                   5  TURKEY. <ISK>. MD 3.0 (ISK).
28  04 18 13.6& 41.791 N   20.349 E   10                    12  ALBANIA. <PDG>. MD 2.8 (PDG).
28  04 19 20.7& 16.271 N   98.057 W    5                     9  NEAR COAST OF GUERRERO, MEXICO. <UNM>. MD 3.9 (UNM).
28  05 21 30.0& 43.880 N  111.060 W    7                    12  EASTERN IDAHO. <USBR>. MD 2.8 (USBR).
28  05 25 22.4& 18.945 N   65.048 W   39                    10  PUERTO RICO REGION. <MPR>. MD 2.6 (MPR).
28  05 26 50.2& 63.660 N  148.250 W   85                    13  CENTRAL ALASKA. <AEIC>.
28  06 36 57.1& 38.210 N   26.690 E   23                     9  AEGEAN SEA. <ATH>. MD 3.6 (ATH), 3.3 (ISK).
28  06 43 27.8& 39.020 S  175.890 E  103                    19  NORTH ISLAND, NEW ZEALAND. <WEL>.
28  06 46 10.0*  2.597 S  134.044 E   33 N  4.1       1.0  10  IRIAN JAYA REGION, INDONESIA
28  07 26 08.9& 32.357 S   71.239 W   39                    10  NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.4 (GUC).
28  07 38 22.4& 38.150 N   26.550 E   25                     5  AEGEAN SEA. <ATH>.
28  07 44 59.1  12.820 N  124.876 E   33 N  4.8       1.2  30  SAMAR, PHILIPPINE ISLANDS
28  07 45 02.2? 17.79  S   69.78  W  142 ?            1.4  10  PERU-BOLIVIA BORDER REGION
28  07 47 40.0& 38.210 N   26.710 E    7                    12  AEGEAN SEA. <ATH>. MD 3.7 (ATH), 3.4 (ISK).
28  08 01 27.2& 39.671 N   29.349 E   10 G                   4  TURKEY. <ISK>. MD 2.7 (ISK).
28  08 09 40.9  31.615 S   68.554 W   79 ?            1.1  15  SAN JUAN PROVINCE, ARGENTINA. MD 3.9 (GUC).
28  08 14 03.1& 44.362 N    6.805 E    0                    18  FRANCE. <GEN>. ML 2.4 (GEN), 1.9 (LDG).
28  08 28 27.4  10.663 N  122.183 E   33 N  4.8 4.1  0.9  33  PANAY, PHILIPPINE ISLANDS
28  08 52 59.5& 54.460 N  163.160 W   67                    11  UNIMAK ISLAND REGION. <AEIC>. ML 2.7 (AEIC).
28  08 57 56.8& 37.536 N  118.830 W    8                     9  CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM).
28  08 58 46.0& 37.540 N  118.830 W    8                     5  CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM). ML 3.0
                                                               (BRK).
28  09 11 22.9   6.244 S  147.950 E   68    4.6       1.1  23  EASTERN NEW GUINEA REG., P.N.G.
28  09 23 59.7* 24.493 S   67.829 W  116 *  4.3       1.2  10  CHILE-ARGENTINA BORDER REGION
28  09 34 50.9  23.685 S  178.943 E  568 D  4.8       0.9 103  SOUTH OF FIJI ISLANDS
28  10 21 18.8  49.073 N  129.045 W   10 G . 4.5 4.0  1.0 132  VANCOUVER ISLAND REGION. ML 4.6 (PGC).
28  10 34 39.2   5.677 N  123.840 E  519    4.8       1.0  51  MINDANAO, PHILIPPINE ISLANDS
28  10 53 58.5& 38.273 N   26.621 E   10 G                   8  AEGEAN SEA. <ISK>. MD 3.7 (ATH), 3.2 (ISK).
28  12 20 30.1  10.836 S  164.669 E   33 N  5.2 4.8  1.0  79  SANTA CRUZ ISLANDS REGION. Mw 5.2 (HRV).
                                                              Centroid, Moment Tensor (HRV): Centroid origin time
                                                               12:20:30.2; Lat 10.87 S; Lon 164.67 E; Dep 24.0; Half-
                                                               duration 1.0 sec; Principal axes (scale 10**16 Nm): (T)
                                                               Val=7.45, Plg=10, Azm=141; (N) Val=1.97, Plg=78, Azm=350;
                                                               (P) Val=-9.42, Plg=5, Azm=232; Best double couple:
                                                               Mo=8.4*10**16 Nm; NP1: Strike=277, Dip=79, Slip=4; NP2:
                                                               Strike=186, Dip=87, Slip=169.
28  12 58 14.2& 37.150 N    3.700 W   16                     7  SPAIN. <MDD>. mbLg 1.9 (MDD).
28  13 52 23.6& 61.520 N  151.450 W   71                    31  SOUTHERN ALASKA. <AEIC>.
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28  13 53 34.1& 40.688 N   29.842 E    7                          9  TURKEY. <ISK>. MD 3.3 (ISK).
28  14 08 37.1& 60.280 N  151.040 W   47    2.9                  50  KENAI PENINSULA, ALASKA. <AEIC>. ML 3.3 (AEIC), 3.3 (PMR).
28  14 38 16.9& 34.533 N   32.068 E   25                          6  CYPRUS REGION. <CSS>. ML 2.7 (CSS).
28  15 18 36.5& 43.100 N    0.300 W    3                          7  PYRENEES. <LDG>. ML 2.5 (LDG).
28  15 26 11.9& 43.120 N    0.320 W    5                         12  PYRENEES. <STR>. ML 2.9 (LDG), 2.5 (STR).
28  16 05 55.7* 44.769 N   24.968 W   10 G  4.0       1.4        39  NORTHERN MID-ATLANTIC RIDGE
28  16 09 27.2  44.698 N   25.229 W   10 G  4.1       1.3        48  NORTHERN MID-ATLANTIC RIDGE
28  16 15 46.6& 37.140 N    4.280 W   10                          8  SPAIN. <MDD>. mbLg 2.0 (MDD).
28  16 29 38.0& 44.846 N    7.541 E   12                         25  NORTHERN ITALY. <GEN>. ML 2.7 (GEN), 2.5 (LDG).
28  16 42 00.6& 36.550 N   25.540 E    5                          6  DODECANESE ISLANDS. <ATH>. ML 3.3 (ATH).
28  18 46 37.6& 17.349 N   99.732 W   78                          6  GUERRERO, MEXICO. <UNM>. MD 3.6 (UNM).
28  18 50 47.9& 35.517 S   71.530 W  108                         12  CENTRAL CHILE. <GUC>. MD 3.0 (GUC).
28  19 06 06.3& 38.210 N   26.890 E   26                          5  AEGEAN SEA. <ATH>. MD 3.6 (ATH).
28  19 07 00.1  47.382 N    9.318 E    5 G          1.1        18  GERMANY. ML 2.5 (VIE), 2.3 (LDG), 2.2 (STR).
28  19 22 29.6*  6.540 S  148.579 E   53 *  4.4      0.8        13  NEW BRITAIN REGION, P.N.G.
28  19 23 01.1& 38.170 N   26.930 E   36                          6  AEGEAN SEA. <ATH>. MD 3.6 (ATH).
28  19 47 16.9& 33.446 S   72.236 W    6                         11  OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.3 (GUC).
28  20 05 41.3* 18.897 N  120.902 E   33 N          0.6         5  LUZON, PHILIPPINE ISLANDS
28  20 33 38.9*  7.053 S  129.483 E  100 ?  4.3      0.4         8  BANDA SEA
28  20 42 04.4& 15.967 N   98.735 W   12                          9  OFF COAST OF GUERRERO, MEXICO. <UNM>. MD 3.7 (UNM).
28  20 46 03.8& 17.261 N   96.046 W  117                          8  OAXACA, MEXICO. <UNM>. MD 3.9 (UNM).
28  20 46 38.9& 40.736 N   29.795 E   12                          5  TURKEY. <ISK>. MD 2.6 (ISK).
28  21 23 58.1   3.753 S  152.065 E  264    4.8      0.9        82  NEW IRELAND REGION, P.N.G.
28  23 12 08.7   2.682 N   96.372 E   33 N  4.9      0.8        25  NORTHERN SUMATERA, INDONESIA
28  23 38 28.0* 21.410 N   99.478 E   33 N  4.8 4.1  1.4        52  MYANMAR-CHINA BORDER REGION
29  00 29 40.4   2.565 N  128.566 E  228 D  5.0      1.0        75  HALMAHERA, INDONESIA. Mw 5.2 (HRV).
                                                                     Centroid, Moment Tensor (HRV): Centroid origin time
                                                                      00:29:44.8; Lat 2.75 N; Lon 128.33 E; Dep 224.5; Half-
                                                                      duration 1.0 sec; Principal axes (scale 10**16 Nm): (T)
                                                                      Val=7.72, Plg=8, Azm=159; (N) Val=0.88, Plg=32, Azm=64; (P)
                                                                      Val=-8.59, Plg=57, Azm=262; Best double couple:
                                                                      Mo=8.2*10**16 Nm; NP1: Strike=281, Dip=46, Slip=-43; NP2:
                                                                      Strike=44, Dip=61, Slip=-127.
29  00 41 47.9& 38.043 N   28.885 E    8                          5  TURKEY. <ISK>. MD 3.1 (ISK).
29  00 54 38.4& 37.737 N   30.878 E    9    4.2                  81  TURKEY. <ISK>. ML 4.3 (CSS). MD 4.1 (ISK).
29  00 57 56.9  30.010 N   69.372 E   33 N  4.9 4.3  0.9        92  PAKISTAN. Mw 5.0 (HRV).
                                                                     Centroid, Moment Tensor (HRV): Centroid origin time
                                                                      00:57:58.6; Lat 30.02 N; Lon 69.76 E; Dep 33.0 Fix; Half-
                                                                      duration 1.0 sec; Principal axes (scale 10**16 Nm): (T)
                                                                      Val=3.25, Plg=84, Azm=254; (N) Val=-0.06, Plg=6, Azm=74;
                                                                      (P) Val=-3.19, Plg=0, Azm=164; Best double couple:
                                                                      Mo=3.2*10**16 Nm; NP1: Strike=259, Dip=45, Slip=98; NP2:
                                                                      Strike=68, Dip=45, Slip=82.
29  01 10 43.4& 39.239 N   27.685 E    6                         11  TURKEY. <ISK>. MD 3.6 (ATH), 3.2 (ISK).
29  01 17 53.0? 30.32  N  140.26  E   33 N  3.9      0.5         8  SOUTH OF HONSHU, JAPAN
29  01 26 52.6? 40.39  N  126.09  W   10 G          1.0        10  OFF COAST OF NORTHERN CALIFORNIA. ML 3.0 (GS).
29  01 34 21.1* 12.950 N  124.944 E   33 N          1.0         8  SAMAR, PHILIPPINE ISLANDS
29  01 37 28.2& 32.574 N  116.172 W    2                         24  CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.2 (PAS). MD
                                                                      3.2 (ECX).
29  01 50 25.9& 37.030 N    5.520 W    0                          9  SPAIN. <MDD>. mbLg 2.3 (MDD).
29  02 04 53.7& 39.059 N   26.647 E   10 G                        9  TURKEY. <ISK>. MD 3.6 (ATH), 3.2 (ISK).
29  02 21 04.5& 44.660 N    7.174 E   11                         11  NORTHERN ITALY. <GEN>. ML 2.0 (GEN).
29  02 28 20.2& 18.589 N   66.686 W   69                          5  PUERTO RICO REGION. <MPR>. MD 2.6 (MPR).
29  03 35 58.4  36.375 N   71.179 E  103 D  4.7      1.0        56  AFGHANISTAN-TAJIKISTAN BORD REG.
29  03 59 07.5& 35.036 N  117.009 W    5                         28  CENTRAL CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
29  04 32 52.9  10.841 S  164.739 E   33 N  4.7 4.6  0.9        36  SANTA CRUZ ISLANDS REGION
29  04 51 43.0& 48.920 N  123.050 W   20                         55  VANCOUVER ISLAND REGION. <PGC-P>. ML 2.9 (PGC). MD 2.7
                                                                      (SEA). Felt in the Delta and Tsawwassen areas of mainland
                                                                      British Columbia.
29  05 12 08.9& 39.256 N   27.663 E    8                          5  TURKEY. <ISK>. MD 3.0 (ISK).
29  05 50 08.9   9.468 S  147.854 E   33 N  5.8 5.4  0.9       219  EASTERN NEW GUINEA REG., P.N.G. Mw 5.7 (GS), 5.7 (HRV). Me
                                                                      5.8 (GS). ML 6.0 (PMG). Felt at Port Moresby.
                                                                     Broadband Source Parameters (GS): Dep 13; NP1: Strike=315,
                                                                      Dip=45, Slip=-105; NP2: Strike=156, Dip=47, Slip=-75;
                                                                      Radiated energy 1.0*10**13 Nm.
                                                                     Moment Tensor (GS): Dep 12; Principal axes (scale 10**17
                                                                      Nm): (T) Val=3.39, Plg=1, Azm=146; (N) Val=0.17, Plg=7,
                                                                      Azm=236; (P) Val=-3.56, Plg=83, Azm=50; Best double couple:
                                                                      Mo=3.5*10**17 Nm; NP1: Strike=228, Dip=45, Slip=-100; NP2:
                                                                      Strike=63, Dip=46, Slip=-80.
                                                                     Centroid, Moment Tensor (HRV): Centroid origin time
                                                                      05:50:11.6; Lat 9.55 S; Lon 148.25 E; Dep 15.0 Bdy; Half-
                                                                      duration 1.7 sec; Principal axes (scale 10**17 Nm): (T)
                                                                      Val=2.44, Plg=1, Azm=142; (N) Val=1.92, Plg=12, Azm=232;
                                                                      (P) Val=-4.37, Plg=78, Azm=45; Best double couple:
                                                                      Mo=3.4*10**17 Nm; NP1: Strike=219, Dip=45, Slip=-107; NP2:
                                                                      Strike=63, Dip=48, Slip=-74.
                                                                     Scalar Moment (PPT): Mo=7.7*10**17 Nm.
29  06 06 02.8& 32.581 N  116.167 W    3                         21  CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.1 (PAS). MD
                                                                      3.2 (ECX).
29  06 32 38.6& 36.440 N    4.320 W   68                          6  STRAIT OF GIBRALTAR. <MDD>.
29  06 34 45.0& 16.221 N   61.432 W   16                          4  LEEWARD ISLANDS. <FDF>. MG 2.5 (FDF).
29  07 16 46.1* 38.507 N   73.214 E   33 N  4.0      1.3         9  TAJIKISTAN-XINJIANG BORDER REG.
29  07 26 11.2? 55.49  N  162.34  E   33 N  4.7      1.2         7  NEAR EAST COAST OF KAMCHATKA
29  07 45 23.8  16.747 N   61.762 W   10 G          1.2        12  LEEWARD ISLANDS. MD 3.2 (TRN).
29  07 48 15.4& 59.670 N  153.100 W  104                         24  SOUTHERN ALASKA. <AEIC>.
29  07 49 54.0* 38.155 N   71.999 E   33 N  3.9      1.4        10  AFGHANISTAN-TAJIKISTAN BORD REG.
29  07 52 43.2*  9.510 S  155.396 E   33 N  4.5      0.8        14  D'ENTRECASTEAUX ISLANDS REGION
29  08 04 23.1  38.311 N   72.860 E   33 N  5.1 4.6  1.0       118  TAJIKISTAN. Mw 5.3 (HRV).
                                                                     Centroid, Moment Tensor (HRV): Centroid origin time
                                                                      08:04:08.2; Lat 38.47 N; Lon 73.10 E; Dep 55.9; Half-
                                                                      duration 1.2 sec; Principal axes (scale 10**17 Nm): (T)
                                                                      Val=1.11, Plg=13, Azm=257; (N) Val=-0.14, Plg=67, Azm=19;
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													(P) Val=-0.97, Plg=19, Azm=163; Best double couple: Mo=1.0*10**17 Nm; NP1: Strike=301, Dip=68, Slip=-176; NP2: Strike=209, Dip=86, Slip=-22.
29	08	09	03.2&	33.965	S	70.337	W	115				7	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.3 (GUC).
29	08	12	31.9&	38.913	N	27.693	E	1				12	TURKEY. <ISK>. MD 3.4 (ISK).
29	08	22	02.1&	39.225	N	27.573	E	10	G			4	TURKEY. <ISK>. MD 3.0 (ISK).
29	08	26	39.3&	44.356	N	7.300	E	9				4	NORTHERN ITALY. <GEN>. ML 1.5 (GEN).
29	09	09	16.3?	15.79	N	98.88	W	33	N		1.0	8	OFF COAST OF GUERRERO, MEXICO. MD 4.1 (UNM).
29	09	59	26.9&	34.289	S	70.634	W	107				9	CHILE-ARGENTINA BORDER REGION. <GUC>.
29	10	14	10.5	38.469	N	72.846	E	33	N	4.5 3.8	1.3	32	TAJIKISTAN
29	10	55	11.1	15.710	S	72.496	W	118	D	5.1	0.9	156	SOUTHERN PERU. Mw 5.3 (HRV). Felt (III) at Chuquibamba and (II) at Arequipa. Centroid, Moment Tensor (HRV): Centroid origin time 10:55:12.1; Lat 15.97 S; Lon 72.14 W; Dep 135.1; Half-duration 1.0 sec; Principal axes (scale 10**17 Nm): (T) Val=1.08, Plg=37, Azm=101; (N) Val=-0.01, Plg=49, Azm=314; (P) Val=-1.07, Plg=16, Azm=204; Best double couple: Mo=1.1*10**17 Nm; NP1: Strike=249, Dip=52, Slip=16; NP2: Strike=149, Dip=77, Slip=140.
29	11	19	09.1&	42.649	N	18.230	E	12				8	NORTHWESTERN BALKAN REGION. <PDG>. MD 2.0 (PDG).
29	12	43	33.9&	59.390	N	152.620	W	85				29	SOUTHERN ALASKA. <AEIC>.
29	12	50	41.0&	43.820	N	110.990	W	0				31	WYOMING. <USBR>. MD 3.1 (USBR). ML 3.6 (BUT).
29	12	55	00.8&	34.008	N	118.216	W	8				40	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.8 (PAS). Felt in the Los Angeles area from Glendale and West Hollywood south as far as northern Orange County including Cypress, Hawthorne, Long Beach, Los Angeles, Pasadena, Seal Beach and West Los Angeles.
29	13	21	45.4*	12.849	N	123.375	E	33	N		1.4	7	LUZON, PHILIPPINE ISLANDS
29	13	31	46.0&	48.930	N	123.050	W	20				7	VANCOUVER ISLAND REGION. <PGC-P>. ML 2.7 (PGC). Felt in the Delta and Tsawwassen areas of mainland British Columbia.
29	13	39	40.0&	60.640	N	152.190	W	88				43	SOUTHERN ALASKA. <AEIC>.
29	13	50	15.0&	33.340	S	71.118	W	61				9	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 2.2 (GUC).
29	13	55	16.0&	39.239	N	27.606	E	10	G			5	TURKEY. <ISK>. MD 2.9 (ISK).
29	15	05	18.3&	39.232	N	27.798	E	10				14	TURKEY. <ISK>. MD 3.7 (ATH), 3.4 (ISK).
29	15	09	59.4	38.419	N	22.018	E	10	G	4.5 4.3	1.3	145	GREECE. ML 4.4 (ATH).
29	16	21	37.9&	33.011	S	71.735	W	29				11	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.1 (GUC).
29	16	41	04.6&	33.207	S	70.498	W	88				12	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.5 (GUC).
29	17	01	48.2&	32.862	S	70.640	W	87				12	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.3 (GUC).
29	17	10	37.2*	55.686	N	110.307	E	10	G	4.0	1.1	13	LAKE BAYKAL REGION, RUSSIA. Felt (III) at Severobaykalsk.
29	17	47	16.2&	34.260	S	70.118	W	6				8	CHILE-ARGENTINA BORDER REGION. <GUC>.
29	17	48	49.5&	39.291	N	27.718	E	5				4	TURKEY. <ISK>. MD 2.9 (ISK).
29	17	59	13.3&	36.651	N	121.099	W	13				16	CENTRAL CALIFORNIA. <GM-P>. ML 3.3 (GM), 3.4 (BRK).
29	18	01	32.6&	39.318	N	27.248	E	10	G			4	TURKEY. <ISK>. MD 2.9 (ISK).
29	18	02	48.4*	0.985	N	126.264	E	33	N	4.5	0.9	10	NORTHERN MOLUCCA SEA
29	18	33	28.5?	9.53	S	155.51	E	10	G	4.2	0.9	10	D'ENTRECASTEAUX ISLANDS REGION
29	20	04	06.2	45.658	N	26.527	E	124	D	4.0	1.3	35	ROMANIA
29	20	26	14.8*	31.826	S	69.153	W	100	G		1.0	15	SAN JUAN PROVINCE, ARGENTINA. MD 4.2 (GUC).
29	21	20	09.8&	33.987	S	71.430	W	48				8	NEAR COAST OF CENTRAL CHILE. <GUC>.
29	21	37	50.2&	38.170	N	26.490	E	17				15	AEGEAN SEA. <ATH>. MD 3.8 (ATH), 3.5 (ISK).
29	22	18	51.1&	60.150	N	152.860	W	121				25	SOUTHERN ALASKA. <AEIC>.
29	22	42	47.5&	43.000	N	3.100	E	9				10	NEAR SOUTH COAST OF FRANCE. <LDG>. ML 2.7 (LDG), 2.4 (STR).
29	23	13	22.0&	60.110	N	151.560	W	67				26	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.5 (AEIC).
29	23	18	05.5	36.622	N	71.353	E	189	D	5.9	0.8	420	AFGHANISTAN-TAJIKISTAN BORD REG. Mw 5.7 (GS), 5.7 (HRV). Me 5.7 (GS). Felt (V) at Khorugh and (IV) at Dushanbe, Tajikistan; (III) at Toshkent, Uzbekistan. Also felt at Kabul, Afghanistan. Broadband Source Parameters (GS): Dep 189; NP1: Strike=60, Dip=50, Slip=75; NP2: Strike=263, Dip=42, Slip=107; Radiated energy 6.8*10**12 Nm. Moment Tensor (GS): Dep 184; Principal axes (scale 10**17 Nm): (T) Val=3.86, Plg=78, Azm=266; (N) Val=-0.72, Plg=10, Azm=55; (P) Val=-3.14, Plg=6, Azm=147; Best double couple: Mo=3.5*10**17 Nm; NP1: Strike=248, Dip=40, Slip=106; NP2: Strike=47, Dip=52, Slip=77. Centroid, Moment Tensor (HRV): Centroid origin time 23:18:06.8; Lat 36.50 N Fix; Lon 70.96 E Fix; Dep 188.1; Half-duration 1.6 sec; Principal axes (scale 10**17 Nm): (T) Val=3.97, Plg=81, Azm=271; (N) Val=-0.99, Plg=9, Azm=90; (P) Val=-2.98, Plg=0, Azm=180; Best double couple: Mo=3.5*10**17 Nm; NP1: Strike=279, Dip=45, Slip=102; NP2: Strike=81, Dip=46, Slip=78.
29	23	47	28.3?	19.64	S	173.34	E	33	N	4.5	1.0	17	VANUATU ISLANDS REGION
30	00	41	00.2*	33.541	N	89.263	E	33	N		0.7	8	XIZANG
30	00	56	41.8&	53.441	N	1.336	W	1				6	UNITED KINGDOM. <BGS>. ML 1.3 (BGS).
30	01	24	15.2*	13.184	S	166.708	E	140	?		1.1	27	VANUATU ISLANDS
30	01	57	10.3&	39.228	N	27.686	E	10	G			4	TURKEY. <ISK>. MD 2.9 (ISK).
30	03	27	27.0&	47.910	N	7.500	E	8				31	SWITZERLAND. <FBB>. ML 2.5 (LDG), 2.3 (STR), 2.1 (FBB).
30	03	44	30.5&	39.243	N	27.676	E	10	G			5	TURKEY. <ISK>. MD 3.0 (ISK).
30	03	52	50.0&	42.505	N	19.208	E	21				7	NORTHWESTERN BALKAN REGION. <PDG>. MD 1.3 (PDG).
30	04	15	49.3&	43.000	N	3.100	E	7				13	NEAR SOUTH COAST OF FRANCE. <LDG>. ML 2.8 (LDG), 2.7 (STR).
30	04	21	09.4&	49.020	N	8.230	E	2				4	GERMANY. <STR>. ML 1.9 (STR).
30	04	46	05.9&	33.442	S	72.316	W	32				8	OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.4 (GUC).
30	05	19	52.1&	19.362	N	64.765	W	111				10	VIRGIN ISLANDS. <MPR>. MD 4.1 (MPR).
30	05	30	47.6&	19.385	N	64.769	W	81				10	VIRGIN ISLANDS. <MPR>. MD 3.8 (MPR).
30	05	35	44.6&	17.600	N	62.039	W	21				9	LEEWARD ISLANDS. <TRN>. MD 3.4 (TRN).
30	05	58	55.0&	38.056	N	38.331	E	6				6	TURKEY. <ISK>. MD 3.7 (ISK).
30	06	02	54.6	4.848	N	127.478	E	86		5.7	1.0	99	TALAUD ISLANDS, INDONESIA. Mw 5.4 (GS), 5.4 (HRV). Moment Tensor (GS): Dep 65; Principal axes (scale 10**17 Nm): (T) Val=1.21, Plg=66, Azm=132; (N) Val=-0.01, Plg=0, Azm=223; (P) Val=-1.20, Plg=24, Azm=313; Best double couple: Mo=1.2*10**17 Nm; NP1: Strike=44, Dip=21, Slip=91; NP2: Strike=223, Dip=69, Slip=90. Centroid, Moment Tensor (HRV): Centroid origin time

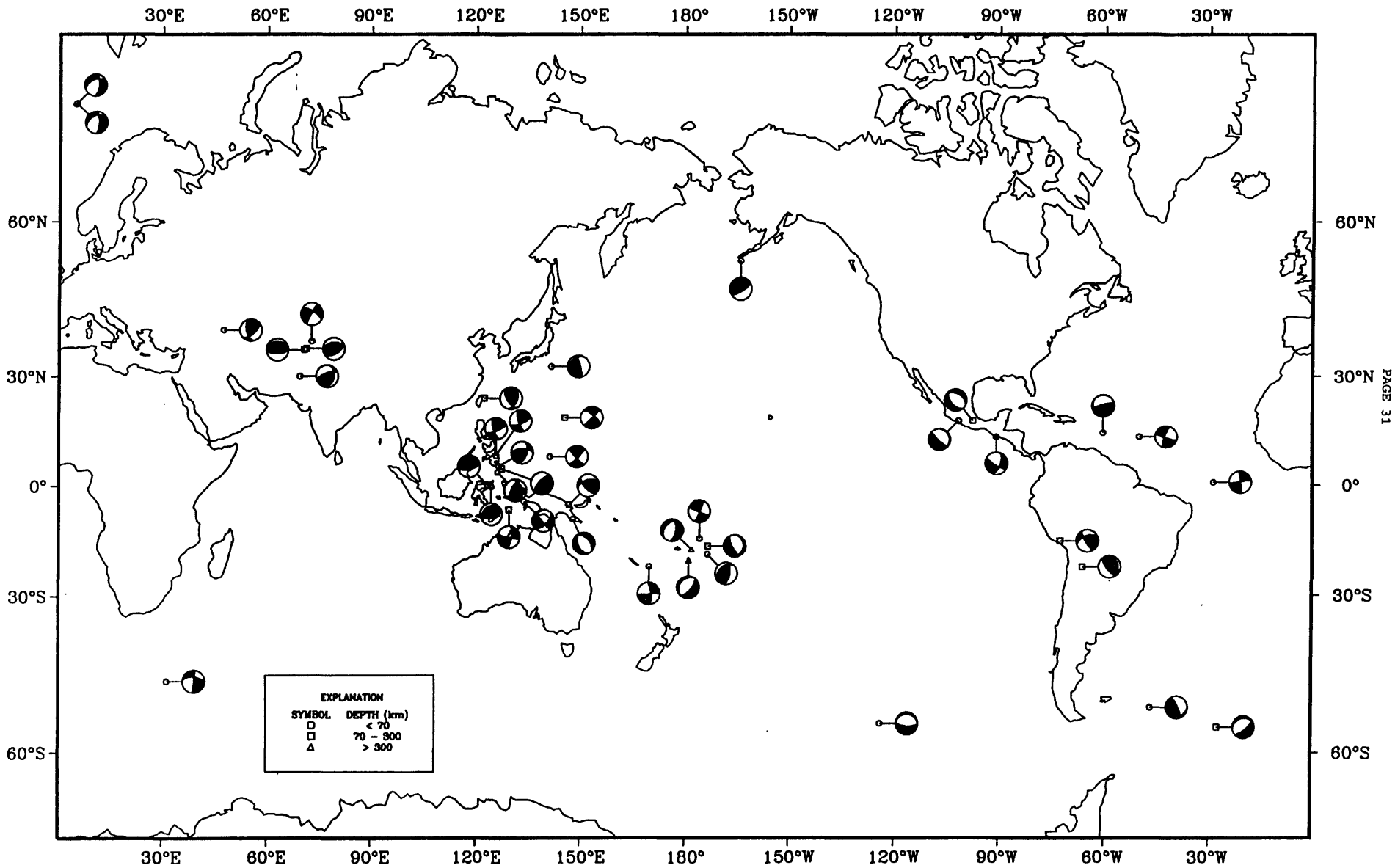
														06:02:56.2; Lat 5.05 N; Lon 127.55 E; Dep 98.1; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=1.24, Plg=65, Azm=169; (N) Val=0.23, Plg=16, Azm=41; (P) Val=-1.47, Plg=19, Azm=306; Best double couple: Mo=1.4*10**17 Nm; NP1: Strike=11, Dip=29, Slip=56; NP2: Strike=229, Dip=66, Slip=108.
30	06	26	59.4?	12.68	S	167.45	E	33	N	4.7		1.0	24	SANTA CRUZ ISLANDS
30	06	35	31.8	9.705	S	124.360	E	33	N	4.8	4.3	1.1	56	TIMOR REGION, INDONESIA. Felt (II) at Kupang.
30	06	40	36.5&	39.260	N	20.640	E	5					10	GREECE-ALBANIA BORDER REGION. <ATH>. MD 3.1 (ATH).
30	07	38	15.8&	62.630	N	151.270	W	97					31	CENTRAL ALASKA. <AEIC>.
30	08	04	46.5*	18.390	S	168.630	E	118		4.8		1.0	22	VANUATU ISLANDS
30	08	18	31.3&	39.663	N	29.520	E	9					5	TURKEY. <ISK>. MD 2.7 (ISK).
30	09	00	53.2*	51.758	N	16.248	E	5	G			1.2	10	POLAND. ML 2.9 (CLL).
30	09	49	53.6	38.159	N	26.535	E	10	G			0.9	8	AEGEAN SEA. MD 3.5 (ATH), 3.3 (ISK).
30	10	38	17.4*	9.716	S	148.003	E	10	G	3.8		0.4	5	EASTERN NEW GUINEA REG., P.N.G. ML 4.0 (PMG).
30	10	45	43.8&	32.562	S	70.221	W	100					10	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.9 (GUC).
30	11	14	45.6&	19.454	N	64.702	W	98					10	VIRGIN ISLANDS. <MPR>. MD 4.2 (MPR).
30	11	22	06.2*	34.892	N	80.008	E	33	N	4.2		1.4	11	XIZANG
30	11	35	32.2?	36.93	N	71.04	E	150	G	3.8		1.1	6	AFGHANISTAN-TAJIKISTAN BORD REG.
30	12	07	50.4&	42.104	N	19.095	E	3					8	NORTHWESTERN BALKAN REGION. <PDG>. MD 1.4 (PDG).
30	12	53	50.0*	6.816	N	72.989	W	163		3.9		1.0	17	NORTHERN COLOMBIA
30	13	29	42.1	34.332	N	32.057	E	10	G	4.1		0.7	37	CYPRUS REGION. ML 3.9 (GII), 3.8 (CSS). MD 3.8 (ISK).
30	13	48	21.3*	19.415	S	167.744	E	33	N	4.9		1.3	37	VANUATU ISLANDS REGION
30	15	27	08.6*	45.439	N	13.156	E	10	G			0.8	12	NORTHERN ITALY. ML 2.9 (VIE).
30	15	27	32.6&	40.650	N	111.576	W	12		3.5			20	UTAH. <SLC-P>. ML 3.7 (SLC). Felt in parts of Salt Lake and Summit Counties including Holladay, Park City, Salt Lake City and Sandy.
30	15	53	05.4	20.783	S	68.761	W	115	*	4.8		1.2	75	CHILE-BOLIVIA BORDER REGION
30	16	35	43.2&	59.500	N	152.860	W	83					18	SOUTHERN ALASKA. <AEIC>.
30	16	36	34.4*	51.614	N	16.206	E	5	G			1.1	7	POLAND. ML 3.1 (VIE).
30	16	41	48.1*	45.413	N	13.171	E	10	G			0.6	10	NORTHERN ITALY. ML 3.0 (VIE).
30	16	50	02.8*	35.368	N	33.446	E	10	G			1.1	5	CYPRUS REGION. ML 2.9 (CSS).
30	16	50	33.3*	25.696	N	142.802	E	33	N	4.6		1.0	17	VOLCANO ISLANDS REGION
30	18	13	41.6&	18.951	N	67.283	W	8					10	MONA PASSAGE. <MPR>. MD 4.0 (MPR).
30	18	39	45.0&	37.188	N	29.058	E	11					4	TURKEY. <ISK>. MD 3.1 (ISK).
30	19	07	17.2&	38.975	N	27.264	E	13					4	TURKEY. <ISK>. MD 2.8 (ISK).
30	19	11	51.9	45.353	N	12.248	E	10	G			1.4	58	NORTHERN ITALY. ML 4.1 (GRF), 3.6 (FUR), 3.5 (LDG), 3.4 (FBB).
30	21	06	49.5*	46.058	N	14.772	E	10	G			0.2	5	NORTHWESTERN BALKAN REGION. ML 1.7 (VIE).
30	21	08	07.4&	43.000	N	3.100	E	10					10	NEAR SOUTH COAST OF FRANCE. <LDG>. ML 2.3 (LDG), 2.3 (STR).
30	21	34	06.3&	44.462	N	8.802	E	12					9	NORTHERN ITALY. <GEN>. ML 2.2 (GEN).
30	21	52	38.4&	36.740	N	2.860	W	5					16	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.6 (MDD).
30	21	53	58.3&	37.820	N	21.090	E	5					5	SOUTHERN GREECE. <ATH>. MD 2.9 (ATH).
30	21	59	50.5&	15.067	N	60.610	W	42					13	LEEWARD ISLANDS. <FDF>. MD 3.3 (TRN).
30	22	01	24.9&	15.036	N	60.394	W	35					13	LEEWARD ISLANDS. <FDF>. MD 3.6 (TRN).
30	22	34	53.1*	15.500	S	173.052	W	70	D	4.9		1.0	68	TONGA ISLANDS
30	22	56	27.0*	47.238	N	11.554	E	10	G			0.3	5	AUSTRIA. ML 1.1 (VIE).
30	23	31	55.4&	42.630	N	0.860	E	6					19	PYRENEES. <STR>. ML 2.5 (LDG), 2.3 (STR). mbLg 2.3 (MDD).

Macroseismic information for the Mexican earthquake of June 15 at 20:42 UTC was obtained from:

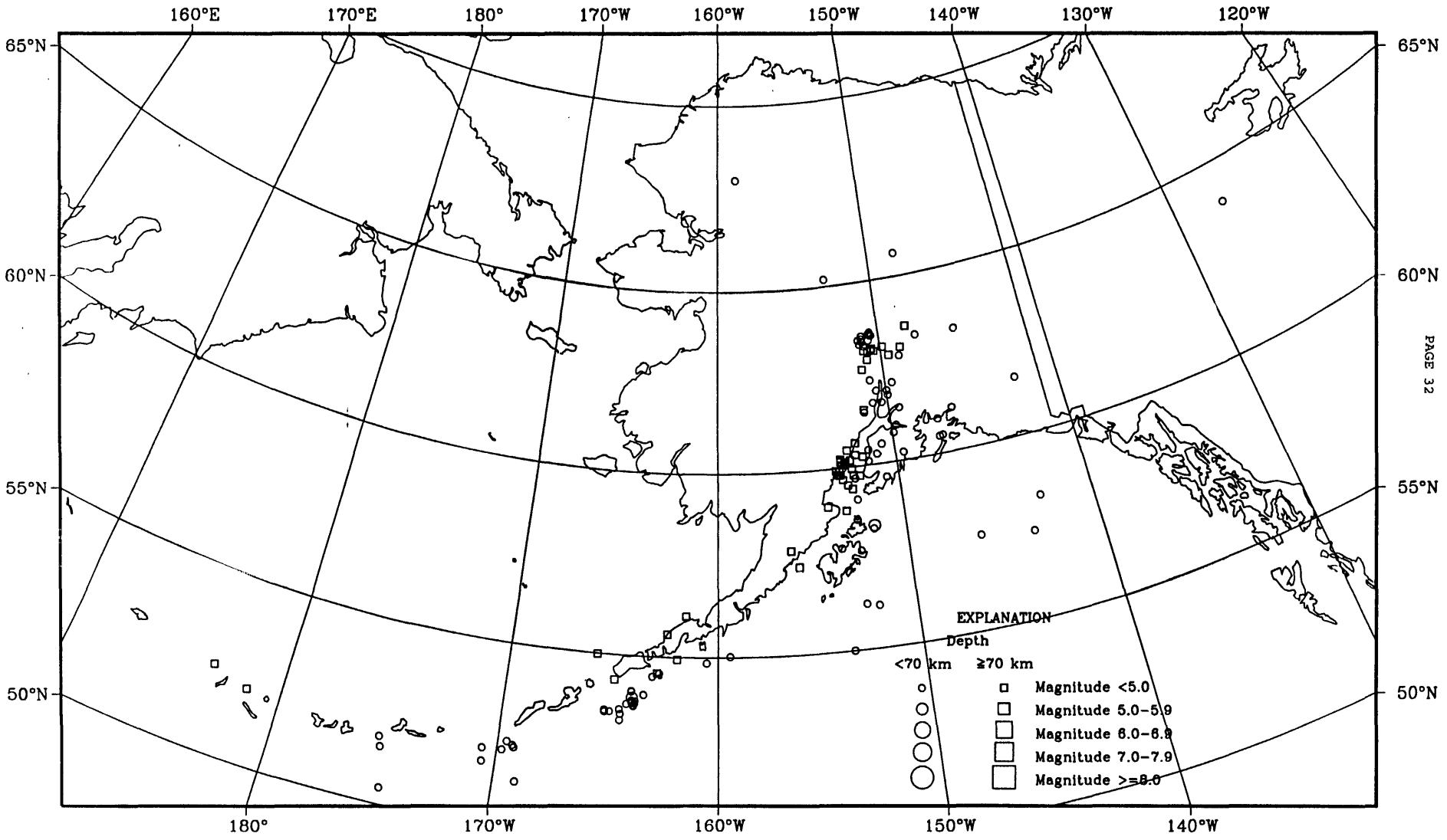
Jimenez, J., J. Villarreal, M. Centeno, B. Gonzalez, J. Correa, C. Acevedo and I. Salazar (1999). Tehuacan, Mexico, Earthquake of June 15, 1999, Seismological Research Letters, v. 70, no. 6, pp. 698-704.

Compiled by John J. Bellini, Pamela J. Benfield, Don L. Blakeman, Charles G. Bufe, George L. Choy, Stuart K. Koyanagi, Brian C. Lassige, Alena L. Leeds, John H. Minsch, Waverly J. Person, Bruce W. Presgrave, Stuart A. Sipkin, William K. Smith, Trina F. Vithayathil and Madeleine D. Zirbes.

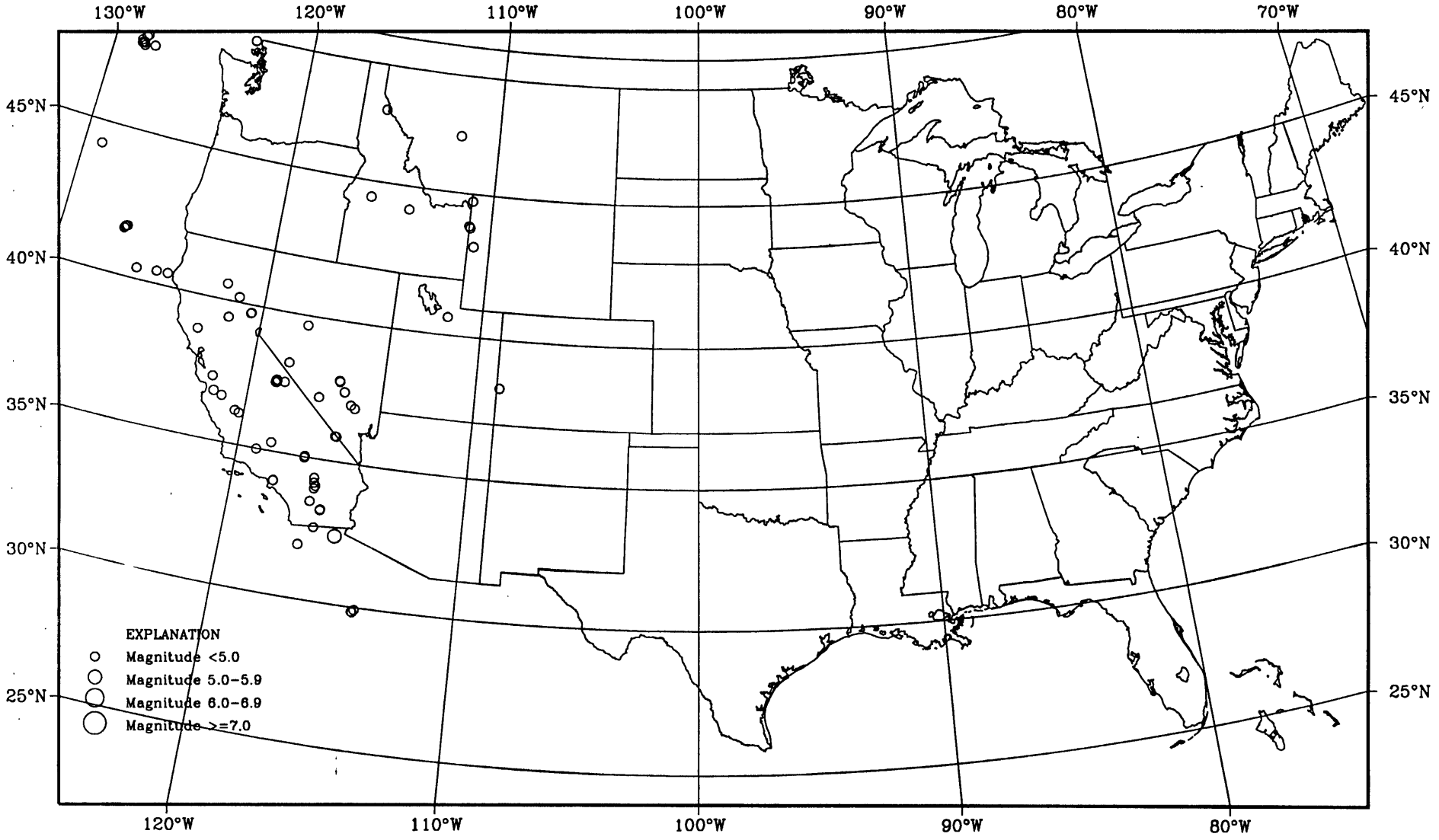
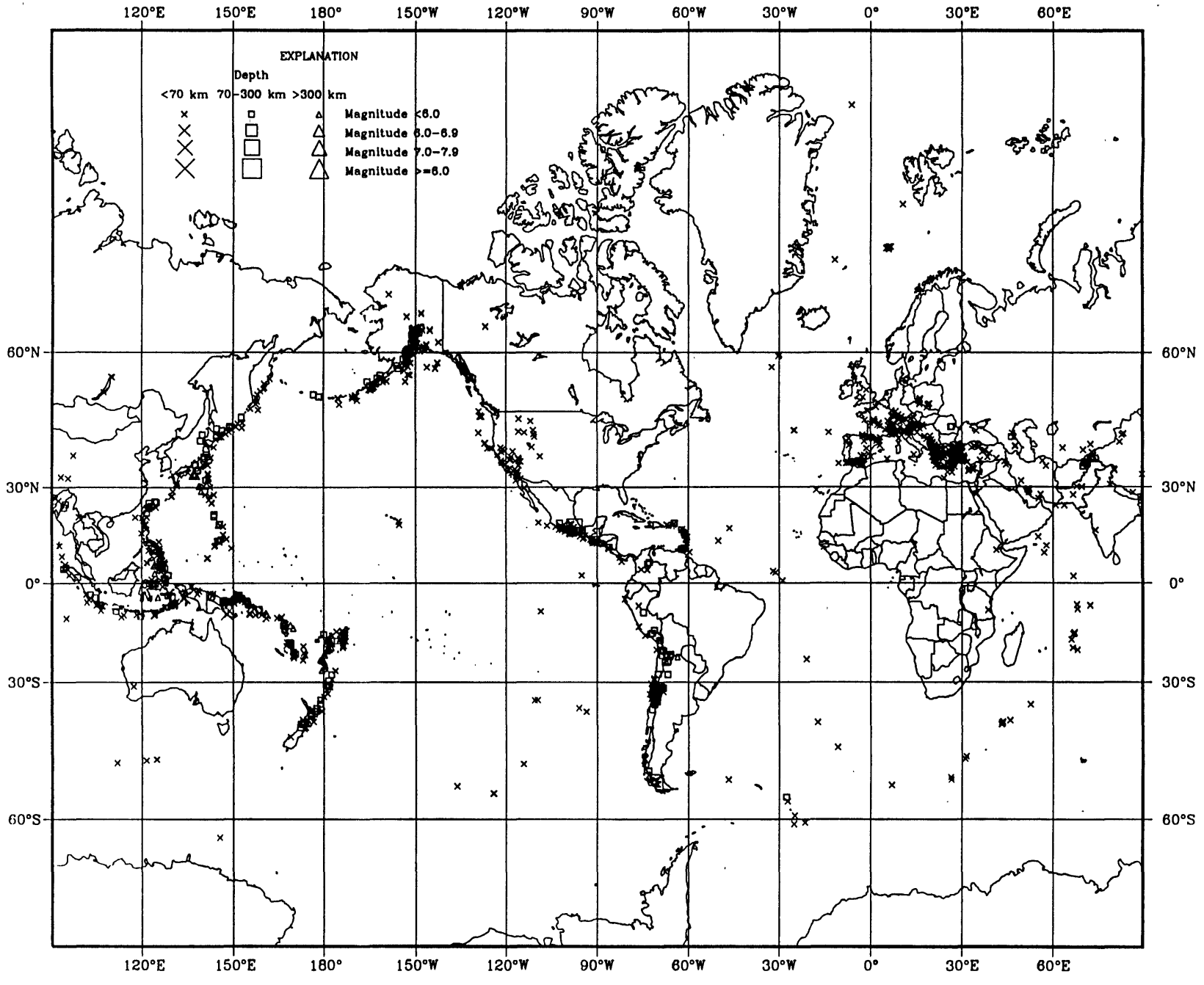
Earthquake Focal Mechanisms for June 1999



Earthquake epicenters in Alaska and adjacent regions for June 1999



Earthquake epicenters in the conterminous United States and adjacent regions for June 1999



Earthquakes located worldwide in June 1999