U.S. DEPARTMENT OF THE INTERIOR

U.S. GEOLOGICAL SURVEY

PRELIMINARY DETERMINATION OF EPICENTERS MONTHLY LISTING

APRIL - JUNE 2000

NATIONAL EARTHQUAKE INFORMATION CENTER

Open-File Report

00-600-B

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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 2000

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	57.7&	35.402	N	1.592	W	0	G				7	NORTHERN ALGERIA. <MDD>. mbLg 2.2 (MDD).
01	00	11	52.9	8.310	N	82.708	W	55		4.3		0.9	43	PANAMA-COSTA RICA BORDER REGION. MD 4.5 (CASC).
01	00	13	14.1&	31.588	S	70.119	W	137					12	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.2 (GUC).
01	00	27	18.7&	43.040	N	0.310	W	10	G				19	PYRENEES. <STR>. MD 2.5 (LDG). ML 2.3 (STR). mbLg 2.1 (MDD).
01	00	29	17.3&	43.044	N	0.309	W	2					9	PYRENEES. <LDG>. MD 2.5 (LDG). ML 2.3 (STR).
01	00	36	51.6&	35.515	N	1.526	W	0	G				8	NORTHERN ALGERIA. <MDD>. mbLg 1.9 (MDD).
01	00	44	38.6*	42.293	S	75.294	W	33	N	4.4		0.6	8	OFF COAST OF SOUTHERN CHILE
01	00	55	13.8&	41.210	S	174.270	E	44					15	COOK STRAIT, NEW ZEALAND. <WEL>.
01	00	56	46.4	10.986	N	86.470	W	33	N	4.4		1.2	33	OFF COAST OF COSTA RICA. MD 4.2 (CASC).
01	01	08	25.5	22.222	N	143.618	E	100	D	4.4		0.9	37	VOLCANO ISLANDS, JAPAN REGION
01	01	21	37.6&	45.102	N	7.313	E	12					84	NORTHERN ITALY. <GEN>. ML 3.4 (GEN), 3.0 (STR). MD 3.2 (LDG).
01	01	45	34.5&	7.390	S	116.000	E	97					4	BALI SEA. <DJA>.
01	02	27	04.9?	22.28	N	143.59	E	100	G			0.5	6	VOLCANO ISLANDS, JAPAN REGION
01	02	28	35.5	50.681	N	130.124	W	10	G			0.9	40	VANCOUVER ISLAND, CANADA REGION
01	02	58	46.7&	10.826	N	62.225	W	79					4	NEAR COAST OF VENEZUELA. <TRN>. MD 2.8 (TRN).
01	03	04	47.8&	45.663	N	5.939	E	2					16	FRANCE. <LDG>. ML 2.2 (STR), 2.1 (LDG).
01	03	43	59.1&	34.817	N	32.136	E	25					5	CYPRUS REGION. <CSS>. ML 2.3 (CSS).
01	04	56	18.3?	13.83	N	90.46	W	33	N	3.4		1.1	12	NEAR COAST OF GUATEMALA
01	05	36	34.6?	3.16	S	77.70	W	33	N	3.6		1.2	6	PERU-ECUADOR BORDER REGION
01	06	28	25.3	13.244	N	87.779	W	174	D	4.3		1.1	66	HONDURAS. MD 4.3 (CASC).
01	07	32	03.1&	38.711	N	27.701	E	10	G				5	TURKEY. <ISK>. MD 3.0 (ISK).
01	07	54	38.6?	32.99	N	136.65	E	434	*			0.4	6	SOUTHEAST OF SHIKOKU, JAPAN
01	08	01	47.6*	31.879	S	138.490	E	10	G			1.5	5	SOUTH AUSTRALIA. ML 2.8 (AUST). Felt at Hawker.
01	08	54	04.2&	39.580	N	29.532	E	11					4	TURKEY. <ISK>. MD 2.7 (ISK).
01	09	10	50.7*	7.583	S	13.440	W	10	G	4.6		1.2	29	ASCENSION ISLAND REGION
01	09	27	36.9&	39.850	S	174.520	E	102					12	NORTH ISLAND, NEW ZEALAND. <WEL>.
01	09	47	25.9&	32.798	S	71.806	W	12					12	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.9 (GUC).
01	09	55	48.5	27.884	S	66.661	W	169	D	4.8		1.1	104	CATAMARCA PROVINCE, ARGENTINA
01	10	44	06.2&	37.510	S	178.410	E	208					9	OFF E. COAST OF N. ISLAND, N.Z. <WEL>.
01	10	47	30.2*	36.112	N	70.493	E	118	*	4.1		1.0	17	HINDU KUSH REGION, AFGHANISTAN
01	11	10	12.3&	34.860	N	116.408	W	5					15	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS).
01	12	01	34.4&	38.541	N	28.216	E	10	G				5	TURKEY. <ISK>. MD 3.0 (ISK).
01	12	10	47.1	17.925	S	178.644	W	634	*	4.2		0.9	115	FIJI ISLANDS REGION
01	12	10	49.8	17.899	S	178.645	W	608		4.9		0.7	230	FIJI ISLANDS REGION. Mw 5.6 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 12:10:51.3; Lat 18.13 S; Lon 178.34 W; Dep 606.6; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=2.24, Plg=68, Azm=10; (N) Val=0.41, Plg=20, Azm=164; (P) Val=-2.65, Plg=9, Azm=257; Best double couple: Mo=2.5*10**17 Nm; NP1: Strike=9, Dip=40, Slip=122; NP2: Strike=150, Dip=57, Slip=66.
01	12	10	55.5	17.868	S	178.600	W	585	?	4.6		1.0	58	FIJI ISLANDS REGION
01	12	13	24.0	17.756	S	178.754	W	556		5.2		0.8	277	FIJI ISLANDS REGION. Mw 5.7 (GS), 5.6 (HRV). Moment Tensor (GS): Dep 568; Principal axes (scale 10**17 Nm): (T) Val=3.04, Plg=60, Azm=12; (N) Val=0.90, Plg=26, Azm=158; (P) Val=-3.94, Plg=15, Azm=255; Best double couple: Mo=3.5*10**17 Nm; NP1: Strike=17, Dip=38, Slip=135; NP2: Strike=145, Dip=64, Slip=61. Centroid, Moment Tensor (HRV): Centroid origin time 12:13:31.0; Lat 17.62 S; Lon 178.67 W; Dep 575.8; Half-duration 1.6 sec; Principal axes (scale 10**17 Nm): (T) Val=2.77, Plg=49, Azm=7; (N) Val=0.91, Plg=36, Azm=153; (P) Val=-3.67, Plg=17, Azm=256; Best double couple: Mo=3.2*10**17 Nm; NP1: Strike=26, Dip=42, Slip=151; NP2: Strike=139, Dip=71, Slip=51.
01	12	14	55.5	17.845	S	178.645	W	639	*	4.8		0.8	168	FIJI ISLANDS REGION
01	12	45	11.5*	1.787	N	127.005	E	121	?	4.2		1.0	11	HALMAHERA, INDONESIA
01	12	49	24.3	13.208	N	90.777	W	33	N	4.6	4.5	0.9	109	NEAR COAST OF GUATEMALA
01	13	09	21.3&	41.220	S	174.250	E	42					13	COOK STRAIT, NEW ZEALAND. <WEL>.
01	13	13	39.5&	39.048	N	28.174	E	10	G				4	TURKEY. <ISK>. MD 2.8 (ISK).
01	13	45	52.5&	32.744	S	71.845	W	15					14	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.2 (GUC).

01	14	01	23.1&	41.220	S	174.260	E	45				13	COOK STRAIT, NEW ZEALAND. <WEL>.
01	14	11	08.1&	44.797	N	6.730	E	2				19	FRANCE. <GEN>. MD 2.5 (LDG). ML 2.4 (GEN).
01	14	58	01.3&	60.271	N	151.266	W	50		2.4		35	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.8 (AEIC).
01	15	01	25.0&	40.008	N	27.779	E	11				7	TURKEY. <ISK>. MD 2.8 (ISK).
01	15	27	00.0&	60.258	N	151.325	W	51				36	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.9 (AEIC), 3.1 (PMR).
01	15	37	39.5*	37.105	N	71.504	E	118	*	3.8	1.1	16	AFGHANISTAN-TAJIKISTAN BORD REG.
01	16	13	23.0&	44.792	N	6.714	E	6				16	FRANCE. <GEN>. MD 2.3 (LDG). ML 2.0 (GEN).
01	16	15	31.8	8.156	S	118.963	E	33	N	5.0 4.1	1.0	54	SUMBAWA REGION, INDONESIA
01	16	16	22.2&	46.342	N	111.405	W	7				35	MONTANA. <BUT-P>. ML 3.3 (BUT). Felt at Townsend.
01	16	26	26.2*	17.704	S	178.798	W	565	?	4.4	0.8	60	FIJI ISLANDS REGION
01	16	30	05.3?	19.06	S	173.48	W	33	N	4.3	1.3	11	TONGA ISLANDS
01	16	41	14.1&	60.167	N	152.982	W	138		3.1		41	SOUTHERN ALASKA. <AEIC>.
01	17	06	58.2*	8.197	S	119.120	E	33	N	4.4	0.9	10	FLORES REGION, INDONESIA
01	17	26	40.7?	22.28	N	143.85	E	100	G		0.9	7	VOLCANO ISLANDS, JAPAN REGION
01	18	08	03.8	42.840	N	11.685	E	10	G	4.5 3.7	1.1	194	CENTRAL ITALY. ML 4.1 (FUR), 4.0 (TRI), 3.8 (LDG).
01	18	41	45.6	13.250	N	121.248	E	33	N	4.6 3.8	1.2	22	MINDORO, PHILIPPINES
01	19	03	09.4*	6.002	S	113.354	E	642	?	3.7	1.0	16	JAWA, INDONESIA
01	19	12	58.5&	36.529	N	5.364	W	36				7	STRAIT OF GIBRALTAR. <MDD>.
01	19	40	12.6*	51.130	N	15.853	E	5	G		0.3	5	POLAND. ML 2.1 (BRG).
01	19	44	52.7&	63.200	N	150.577	W	137		4.3		102	CENTRAL ALASKA. <AEIC>.
01	19	46	12.0&	45.452	N	6.689	E	2				5	FRANCE. <LDG>. ML 1.9 (LDG).
01	19	56	40.1&	56.707	N	154.920	W	32		3.8		30	KODIAK ISLAND REGION, ALASKA. <AEIC>. ML 3.1 (AEIC).
01	21	03	27.9*	39.340	N	143.533	E	33	N	4.2	1.4	34	OFF EAST COAST OF HONSHU, JAPAN
01	21	36	12.8&	37.960	N	21.440	E	21				7	SOUTHERN GREECE. <ATH>. ML 3.4 (ATH).
01	21	40	51.6&	38.790	S	175.470	E	169				10	NORTH ISLAND, NEW ZEALAND. <WEL>.
01	21	52	19.3	30.328	S	68.599	W	122		4.0	1.2	20	SAN JUAN PROVINCE, ARGENTINA
01	21	58	09.0&	38.140	N	20.460	E	35				4	GREECE. <ATH>. MD 3.2 (ATH).
01	22	12	43.2	30.039	N	51.446	E	54	?	4.4 4.0	1.3	43	NORTHERN AND CENTRAL IRAN
01	22	23	17.2*	67.635	N	149.638	W	10	G	3.3	0.8	10	NORTHERN ALASKA. ML 3.5 (PMR).
01	22	31	54.0&	38.220	N	20.500	E	34				4	GREECE. <ATH>. MD 3.1 (ATH).
01	22	33	15.0	34.656	N	23.609	E	43	*	4.0	1.4	60	CRETE, GREECE. MD 4.0 (ATH).
01	23	19	24.9	70.867	N	13.457	W	10	G	4.2	1.2	42	JAN MAYEN ISLAND REGION
01	23	54	11.6	30.612	N	137.587	E	496		4.2	0.8	27	SOUTHEAST OF HONSHU, JAPAN
01	23	57	37.4*	13.035	N	89.624	W	33	N	4.4	1.0	49	EL SALVADOR
02	00	14	15.0&	38.230	N	20.360	E	26				4	GREECE. <ATH>. MD 3.1 (ATH).
02	02	04	33.0&	41.220	S	174.260	E	44				12	COOK STRAIT, NEW ZEALAND. <WEL>.
02	02	57	25.0*	19.317	N	147.351	E	33	N	4.1	1.0	13	MARIANA ISLANDS REGION
02	03	20	41.0?	15.55	S	173.49	W	33	N	4.5	1.0	20	TONGA ISLANDS
02	03	20	56.9*	13.190	S	167.200	E	216	?	4.6	1.2	102	VANUATU ISLANDS
02	03	34	54.9*	36.334	N	141.088	E	33	N	3.5	1.0	9	NEAR EAST COAST OF HONSHU, JAPAN. Recorded (1 JMA) in Ibaraki Prefecture.
02	04	19	23.4&	40.085	N	28.220	E	5				4	TURKEY. <ISK>. MD 2.6 (ISK).
02	04	29	42.5*	7.996	S	108.300	E	88	*	4.4	0.9	15	JAWA, INDONESIA
02	05	01	37.4?	22.33	N	143.72	E	100	G		1.2	7	VOLCANO ISLANDS, JAPAN REGION
02	05	03	16.4?	22.26	N	143.60	E	100	G	3.9	1.4	11	VOLCANO ISLANDS, JAPAN REGION
02	05	57	24.1	15.861	S	174.137	W	105	D	5.0 4.7	0.8	162	TONGA ISLANDS. Mw 5.6 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 05:57:31.6; Lat 15.89 S; Lon 173.66 W; Dep 108.9; Half-duration 1.6 sec; Principal axes (scale 10**17 Nm): (T) Val=2.81, Plg=46, Azm=121; (N) Val=0.08, Plg=12, Azm=19; (P) Val=-2.89, Plg=41, Azm=278; Best double couple: Mo=2.8*10**17 Nm; NP1: Strike=301, Dip=12, Slip=12; NP2: Strike=199, Dip=87, Slip=102.
02	06	18	19.7&	19.339	N	155.206	W	5		4.9 4.4		147	HAWAII. <HVO-P>. MD 5.0 (HVO). Maximum intensity VI at Mauna Loa Estates. Felt throughout the Island of Hawaii.
02	06	22	34.3&	38.341	N	0.033	E	15				13	SPAIN. <MDD>. mbLg 2.2 (MDD).
02	06	26	34.7&	38.179	N	0.111	E	10				52	SPAIN. <MDD>. ML 3.6 (LDG). mbLg 3.4 (MDD). Felt (II) at Elda.
02	06	29	26.7&	38.181	N	0.029	E	16				7	SPAIN. <MDD>. mbLg 2.4 (MDD).
02	06	40	07.1&	36.160	N	22.720	E	15				4	SOUTHERN GREECE. <ATH>. MD 3.1 (ATH).
02	06	57	02.3&	32.404	S	69.918	W	111				13	MENDOZA PROVINCE, ARGENTINA. <GUC>. MD 3.5 (GUC).
02	06	57	12.0&	33.995	N	117.222	W	4				11	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS). Felt at Redlands and Riverside.
02	07	07	38.6&	41.210	S	174.250	E	42				12	COOK STRAIT, NEW ZEALAND. <WEL>.
02	07	14	45.5&	14.739	N	60.978	W	3				4	WINDWARD ISLANDS. <FDF>. MG 1.2 (FDF).
02	07	20	17.3*	11.970	N	87.015	W	33	N	4.0	0.9	35	NEAR COAST OF NICARAGUA
02	07	37	51.1&	38.164	N	0.050	E	15				37	SPAIN. <MDD>. ML 3.3 (LDG). mbLg 2.7 (MDD).
02	08	25	32.6	6.803	N	72.989	W	177	*	4.0	0.7	39	NORTHERN COLOMBIA
02	08	32	39.3&	38.210	N	20.290	E	25				5	GREECE. <ATH>. MD 3.4 (ATH).
02	08	40	42.9*	49.731	N	5.177	W	10	G		1.2	13	NORTH ATLANTIC OCEAN. ML 2.7 (LDG).
02	08	45	20.0*	22.104	N	143.811	E	100	G	3.9	1.1	13	VOLCANO ISLANDS, JAPAN REGION
02	10	06	26.3	0.174	S	122.910	E	103		4.7	1.3	50	MINAHASSA PENINSULA, SULAWESI
02	10	33	22.2&	34.919	N	33.128	E	20				6	CYPRUS REGION. <CSS>. ML 2.7 (CSS).
02	11	02	49.7?	23.73	N	121.17	E	33	N		1.1	5	TAIWAN. Recorded (3 TAP) in the epicentral area, (2 TAP) at Hua-lien and (1 TAP) at Chang-hua, Chia-i and Tai-chung.
02	11	18	17.9	44.158	N	15.156	E	10	G		0.5	14	NORTHWESTERN BALKAN REGION. ML 3.2 (ZAG), 3.1 (VIE), 2.8 (TRI).
02	11	31	47.5&	40.848	N	31.453	E	10	G			6	TURKEY. <ISK>. MD 3.0 (ISK).
02	11	41	25.2&	37.636	N	37.322	E	9		4.5 3.7		131	TURKEY. <ISK>. MD 4.5 (ISK). Felt at Gaziantep.
02	11	47	49.6	56.172	N	163.930	E	33	N	4.1	1.0	24	NEAR EAST COAST OF KAMCHATKA
02	11	54	37.7*	22.316	N	143.488	E	100	G	4.0	1.1	21	VOLCANO ISLANDS, JAPAN REGION
02	12	00	52.0?	19.02	S	177.73	W	600	G	4.0	0.8	8	FIJI ISLANDS REGION
02	12	15	43.7	70.877	N	13.451	W	10	G	4.0	1.2	20	JAN MAYEN ISLAND REGION
02	12	17	28.2*	46.039	N	151.426	E	49	D	4.2	0.8	12	KURIL ISLANDS
02	12	25	31.5	32.477	N	130.956	E	152	D	4.8	0.8	179	KYUSHU, JAPAN. Recorded (3 JMA) in central Ehime Prefecture, Shikoku and (2 JMA) in much of western Shikoku and eastern Kyushu. Also recorded (2 JMA) in eastern Hiroshima and central Okayama Prefectures, Honshu.
02	13	14	01.7&	34.450	N	4.880	W	0	G			10	MOROCCO. <MDD>. mbLg 2.1 (MDD).
02	13	49	23.6&	37.910	N	20.300	E	14				4	IONIAN SEA. <ATH>. MD 3.1 (ATH).
02	13	49	48.8*	8.139	N	38.650	W	10	G	3.8	0.9	7	CENTRAL MID-ATLANTIC RIDGE
02	14	02	54.6&	44.250	N	7.315	E	12				5	NORTHERN ITALY. <GEN>. ML 1.7 (GEN).
02	14	45	46.6*	22.231	S	68.585	W	106	D	3.9	0.9	15	NORTHERN CHILE

02	15	38	38.4*	31.609	S	68.693	W	100	G		1.0	11	SAN JUAN PROVINCE, ARGENTINA. MD 3.7 (GUC).
02	15	40	33.9*	7.871	S	158.288	E	33	N	4.1	1.3	11	SOLOMON ISLANDS
02	15	52	26.9&	34.474	N	32.066	E	25				5	CYPRUS REGION. <CSS>. ML 1.9 (CSS).
02	15	54	40.9*	22.166	S	170.069	E	33	N	3.9	1.1	11	SOUTHEAST OF LOYALTY ISLANDS
02	17	26	53.2&	37.624	N	37.387	E	9		4.3		65	TURKEY. <ISK>. MD 4.2 (ISK).
02	17	32	19.2&	65.844	N	145.338	W	15				21	NORTHERN ALASKA. <AEIC>. ML 2.9 (AEIC), 2.4 (PMR).
02	18	57	38.3&	40.803	N	30.244	E	7		4.6		184	TURKEY. <ISK>. MD 4.3 (ISK). Felt at Istanbul.
02	19	01	19.8?	21.99	S	179.68	W	600	G	4.3	1.1	14	FIJI ISLANDS REGION
02	19	16	50.4*	12.302	N	87.611	W	33	N	4.0	0.8	14	NEAR COAST OF NICARAGUA
02	19	17	58.1?	11.47	S	166.00	E	33	N	4.2	0.7	9	SANTA CRUZ ISLANDS
02	20	07	59.9&	11.385	N	60.744	W	50				11	WINDWARD ISLANDS. <TRN>. MD 3.5 (TRN).
02	21	12	18.6&	41.210	S	174.260	E	42				10	COOK STRAIT, NEW ZEALAND. <WEL>.
02	21	44	18.0&	47.890	N	7.390	E	7				20	SWITZERLAND. <FBB>. ML 2.4 (LDG), 2.1 (STR), 2.0 (FBB).
02	21	57	32.8*	33.408	N	141.047	E	33	N	3.9	1.1	11	OFF EAST COAST OF HONSHU, JAPAN
02	22	07	14.7*	15.358	S	167.394	E	152	?	4.1	0.7	19	VANUATU ISLANDS
02	22	30	43.0	14.648	S	167.346	E	170	*	4.6	1.0	139	VANUATU ISLANDS
02	22	41	29.3&	18.771	N	66.491	W	10				4	PUERTO RICO REGION. <RSPR>. ML 2.8 (RSPR).
02	23	02	08.2&	37.790	N	22.000	E	5				4	SOUTHERN GREECE. <ATH>. MD 2.8 (ATH).
02	23	07	19.4&	14.599	N	60.680	W	69				4	WINDWARD ISLANDS. <FDF>. MD 2.3 (FDF).
02	23	37	19.1&	40.810	N	30.226	E	5				8	TURKEY. <ISK>. MD 3.4 (ISK).
03	00	19	43.3*	5.355	N	126.094	E	121	*	4.2	0.8	13	MINDANAO, PHILIPPINES
03	00	23	50.4&	36.670	N	34.258	E	33	N			10	TURKEY. <ISK>. MD 3.8 (ISK).
03	00	24	23.7	42.267	N	35.300	E	10	G	3.7	1.2	21	BLACK SEA. MD 3.9 (ISK).
03	00	28	06.9	46.598	N	10.328	E	10	G		1.3	71	NORTHERN ITALY. ML 3.2 (FUR), 3.1 (LDG), 2.9 (FBB), 2.9 (STR), 2.9 (VIE).
03	00	30	55.8&	32.650	S	69.246	W	20				9	MENDOZA PROVINCE, ARGENTINA. <GUC>. MD 3.7 (GUC).
03	01	08	30.6	11.374	S	117.191	E	33	N	4.5	1.1	25	SOUTH OF SUMBAWA, INDONESIA
03	01	41	23.2&	43.936	N	8.673	E	0				11	CORSICA, FRANCE. <GEN>. ML 2.5 (GEN).
03	01	57	46.8&	49.348	N	6.891	E	1	G			6	GERMANY. <LDG>. ML 2.4 (LDG). Mining induced event in the Lorraine region, France.
03	02	09	01.1	44.127	N	20.630	E	10	G		1.0	36	NORTHWESTERN BALKAN REGION. ML 3.8 (ZAG), 3.5 (ROM).
03	03	08	12.9	44.176	N	20.714	E	10	G		0.5	12	NORTHWESTERN BALKAN REGION
03	03	27	21.0?	22.18	N	143.92	E	100	G		1.3	10	VOLCANO ISLANDS, JAPAN REGION
03	04	27	33.9*	19.779	S	179.115	E	500	G	4.0	0.8	24	SOUTH OF FIJI ISLANDS
03	04	30	05.4*	11.014	S	166.272	E	196	?	4.4	0.8	28	SANTA CRUZ ISLANDS
03	04	36	53.6*	38.963	N	55.580	E	33	N	4.0	1.0	15	TURKMENISTAN-IRAN BORDER REGION. ML 3.4 (TEH).
03	04	39	58.8&	37.224	N	4.194	W	9				14	SPAIN. <MDD>. mbLg 2.2 (MDD).
03	05	06	49.0&	40.445	N	125.262	W	3		3.7		81	OFF COAST OF NORTHERN CALIFORNIA. <NC-P>. Mw 4.3 (BRK). ML 4.1 (NC), 4.0 (BRK). Moment Tensor (BRK): Dep 18; Principal axes (scale 10**15 Nm): (T) Val=3.73, Plg=9, Azm=53; (N) Val=0.00, Plg=78, Azm=192; (P) Val=-3.73, Plg=8, Azm=321; Best double couple: Mo=3.7*10**15 Nm; NP1: Strike=187, Dip=89, Slip=12; NP2: Strike=97, Dip=78, Slip=179.
03	05	45	45.0	3.961	N	128.501	E	33	N	4.8	1.3	46	NORTH OF HALMAHERA, INDONESIA
03	06	16	19.1?	6.19	S	154.49	E	33	N	4.5	1.1	10	SOLOMON ISLANDS
03	07	19	42.8*	21.430	S	66.553	W	228	*	3.8	1.0	10	SOUTHERN BOLIVIA
03	07	33	51.2&	32.481	S	71.696	W	34				10	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.8 (GUC).
03	08	29	40.5&	33.303	S	72.356	W	35				12	OFF COAST OF CENTRAL CHILE. <GUC>. MD 4.0 (GUC).
03	08	30	42.6	49.666	N	155.964	E	54	D	4.0	1.3	28	KURIL ISLANDS
03	08	36	41.5&	40.593	N	28.986	E	5				6	TURKEY. <ISK>. MD 2.6 (ISK).
03	08	43	31.1&	40.242	N	29.204	E	10	G			4	TURKEY. <ISK>. MD 2.6 (ISK).
03	08	46	12.5&	39.565	N	29.573	E	10	G			5	TURKEY. <ISK>. MD 2.6 (ISK).
03	08	55	00.1	0.267	N	122.051	E	187	D	5.6	1.1	231	MINAHASSA PENINSULA, SULAWESI. Mw 5.5 (GS). Moment Tensor (GS): Dep 179; Principal axes (scale 10**17 Nm): (T) Val=2.15, Plg=78, Azm=309; (N) Val=-0.55, Plg=12, Azm=123; (P) Val=-1.60, Plg=1, Azm=213; Best double couple: Mo=1.9*10**17 Nm; NP1: Strike=316, Dip=45, Slip=108; NP2: Strike=112, Dip=47, Slip=73.
03	09	43	46.0&	43.933	N	8.674	E	1				13	CORSICA, FRANCE. <GEN>. ML 2.9 (GEN).
03	09	52	45.4	3.615	N	75.885	W	185	D	4.9	0.9	195	COLOMBIA
03	09	55	24.8	22.323	N	143.392	E	141	D	4.4	0.9	53	VOLCANO ISLANDS, JAPAN REGION
03	10	04	07.1&	17.151	N	60.917	W	13		3.4		18	LEEWARD ISLANDS. <TRN>. MD 3.6 (TRN).
03	10	11	46.7*	25.157	N	124.030	E	143	*	4.0	1.0	17	NORTHEAST OF TAIWAN
03	10	17	18.8&	40.727	N	29.654	E	10				8	TURKEY. <ISK>. MD 3.2 (ISK).
03	10	40	27.6*	48.678	N	148.249	E	441	*	3.6	0.6	15	NORTHWEST OF KURIL ISLANDS
03	10	47	52.6*	2.148	S	134.089	E	33	N	4.6	1.1	15	IRIAN JAYA REGION, INDONESIA
03	11	13	17.9	8.652	S	110.701	E	83		5.0	1.1	52	JAWA, INDONESIA
03	11	23	50.4	55.269	N	163.174	E	33	N	3.9	1.2	17	OFF EAST COAST OF KAMCHATKA
03	11	27	55.3*	18.169	N	119.598	E	10	G		1.1	7	PHILIPPINE ISLANDS REGION
03	11	50	30.5*	21.432	S	176.684	W	181	D	4.2	0.9	25	FIJI ISLANDS REGION
03	12	22	22.3	43.250	N	83.190	E	33	N	4.4	1.0	23	NORTHERN XINJIANG, CHINA
03	12	33	10.7&	36.762	N	3.445	W	0	G			6	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.2 (MDD).
03	12	34	29.9&	45.759	N	7.063	E	2				4	NORTHERN ITALY. <LDG>. ML 2.2 (LDG).
03	13	19	32.7&	39.437	N	30.088	E	13				5	TURKEY. <ISK>. MD 2.7 (ISK).
03	15	06	11.7&	40.460	N	28.463	E	10	G			5	TURKEY. <ISK>. MD 2.7 (ISK).
03	15	13	49.1*	11.087	S	166.422	E	33	N	4.4	0.8	11	SANTA CRUZ ISLANDS
03	15	20	01.9	4.082	N	125.610	E	150	G	5.9	1.0	254	TALAUD ISLANDS, INDONESIA. Mw 6.2 (GS), 6.2 (HRV). Moment Tensor (GS): Dep 121; Principal axes (scale 10**18 Nm): (T) Val=2.05, Plg=15, Azm=187; (N) Val=-0.10, Plg=75, Azm=23; (P) Val=-1.95, Plg=4, Azm=278; Best double couple: Mo=2.0*10**18 Nm; NP1: Strike=324, Dip=77, Slip=8; NP2: Strike=232, Dip=82, Slip=167. Centroid, Moment Tensor (HRV): Centroid origin time 15:20:03.9; Lat 4.10 N; Lon 125.75 E; Dep 139.6; Half-duration 3.0 sec; Principal axes (scale 10**18 Nm): (T) Val=1.99, Plg=14, Azm=188; (N) Val=-0.11, Plg=75, Azm=30; (P) Val=-1.88, Plg=5, Azm=279; Best double couple: Mo=1.9*10**18 Nm; NP1: Strike=324, Dip=77, Slip=6; NP2: Strike=233, Dip=84, Slip=166.
03	15	38	40.0*	25.600	N	101.017	E	33	N	4.4	1.2	17	YUNNAN, CHINA. ML 4.5 (BJI).
03	15	43	18.3*	39.016	N	55.900	E	33	N	3.7	1.2	7	TURKMENISTAN
03	16	21	12.5&	39.357	N	122.872	W	11				10	NORTHERN CALIFORNIA. <NC-P>. MD 3.0 (NC).

03	16	21	18.2&	60.007	N	151.383	W	8				7	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.5 (AEIC).
03	17	03	11.0&	44.160	N	114.610	W	10	G			15	WESTERN IDAHO. <BSE-P>. ML 3.3 (BSE), 2.9 (GS).
03	17	03	19.1*	52.764	S	25.755	E	10	G	4.6	1.3	15	SOUTH OF AFRICA
03	17	12	01.0	10.517	S	165.915	E	33	N	4.6	0.9	33	SANTA CRUZ ISLANDS
03	17	13	52.7&	43.401	N	2.236	E	2				6	FRANCE. <LDG>. ML 2.3 (LDG).
03	17	24	18.7&	67.611	N	146.723	W	10	G			23	NORTHERN ALASKA. <AEIC>. ML 3.6 (AEIC), 3.9 (PMR).
03	17	40	48.2*	11.921	N	58.109	E	10	G	4.1	1.3	15	OWEN FRACTURE ZONE REGION
03	17	55	46.6&	49.391	N	6.955	E	1	G			8	GERMANY. <LDG>. ML 2.7 (LDG). Mining induced event in the Lorraine region, France.
03	17	56	01.1&	59.815	N	148.775	W	23				20	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.9 (AEIC).
03	17	59	06.5	70.979	N	13.249	W	10	G	4.3	0.9	16	JAN MAYEN ISLAND REGION
03	18	46	05.3&	38.710	N	25.790	E	10				6	AEGEAN SEA. <ATH>. MD 3.7 (ATH).
03	18	59	54.5&	34.028	N	116.324	W	5				21	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.6 (PAS). Felt at Indio.
03	19	02	29.6	2.489	N	97.221	E	33	N	5.0	1.0	44	NORTHERN SUMATERA, INDONESIA
03	19	46	08.7&	40.820	S	174.760	E	43				9	COOK STRAIT, NEW ZEALAND. <WEL>.
03	20	13	31.3?	12.81	N	89.58	W	33	N	4.6	1.4	24	OFF COAST OF CENTRAL AMERICA
03	20	48	51.1&	39.070	N	21.690	E	5				8	GREECE. <ATH>. MD 3.4 (ATH).
03	21	11	39.1&	37.818	N	1.086	W	0	G			5	SPAIN. <MDD>. mbLg 1.9 (MDD).
03	21	16	48.0*	10.615	N	122.655	E	33	N		0.4	5	PANAY, PHILIPPINES
03	23	14	51.8&	16.347	N	60.953	W	29				5	LEEWARD ISLANDS. <FDF>. MD 2.0 (FDF).
03	23	40	21.6&	59.615	N	153.621	W	121		2.8		25	SOUTHERN ALASKA. <AEIC>.
04	00	35	11.5	24.876	N	124.359	E	94	*	3.7	0.6	13	SOUTHWESTERN RYUKYU ISL., JAPAN. Recorded (1 JMA) on Ishigaki-jima.
04	01	44	57.6&	32.765	S	71.766	W	12				16	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.8 (GUC).
04	02	43	10.9?	8.62	N	102.52	W	10	G	4.2	0.8	11	NORTHERN EAST PACIFIC RISE
04	03	25	34.2*	37.526	N	70.000	E	33	N	4.0	0.7	10	AFGHANISTAN-TAJIKISTAN BORD REG.
04	04	43	54.9	51.594	N	16.366	E	5	G		1.1	20	POLAND. ML 3.3 (VIE), 2.9 (FUR).
04	05	22	05.4&	63.298	N	151.033	W	1				10	CENTRAL ALASKA. <AEIC>. ML 2.4 (AEIC), 2.7 (PMR).
04	06	05	41.7*	54.666	N	163.366	E	33	N		0.4	6	OFF EAST COAST OF KAMCHATKA
04	06	07	45.5*	27.335	N	140.170	E	466	*	4.4	1.1	23	BONIN ISLANDS, JAPAN REGION
04	06	21	33.1&	47.110	N	7.180	E	9				6	SWITZERLAND. <STR>. ML 2.0 (STR).
04	06	42	49.0&	46.570	N	113.130	W	9				13	MONTANA. <BUT-P>. ML 2.8 (BUT).
04	07	02	39.4	54.857	N	162.852	E	33	N	4.2 4.1	1.2	32	NEAR EAST COAST OF KAMCHATKA
04	07	10	09.8	44.579	N	148.099	E	66		4.3	0.9	32	KURIL ISLANDS
04	07	33	21.6&	41.020	S	175.430	E	28				11	NORTH ISLAND, NEW ZEALAND. <WEL>. ML 4.2 (WEL). Felt in Wairarapa South and Wellington Counties. Also felt in Marlborough County on the South Island.
04	07	40	28.0*	24.339	S	67.125	W	182	*	3.8	1.2	21	CHILE-ARGENTINA BORDER REGION
04	07	57	45.3*	54.745	N	163.076	E	33	N		1.2	10	OFF EAST COAST OF KAMCHATKA
04	08	37	59.8&	40.910	N	1.546	E	5				15	BALEARIC ISLANDS, SPAIN. <MDD>. ML 3.3 (LDG), 2.8 (STR). mbLg 2.8 (MDD).
04	09	16	43.1&	36.820	N	21.840	E	5				6	SOUTHERN GREECE. <ATH>. MD 3.4 (ATH).
04	10	07	29.5*	4.718	S	149.451	E	600	G	4.1	1.2	12	BISMARCK SEA
04	10	22	29.1?	24.06	S	179.96	E	600	G	4.3	1.1	13	SOUTH OF FIJI ISLANDS
04	10	35	01.7&	63.287	N	150.574	W	145				63	CENTRAL ALASKA. <AEIC>.
04	10	59	45.0	36.372	S	97.166	W	10	G	4.8 4.8	0.9	47	WEST CHILE RISE. Mw 5.1 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 10:59:52.1; Lat 36.50 S; Lon 96.52 W; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=5.08, Plg=0, Azm=262; (N) Val=-0.06, Plg=90, Azm=180; (P) Val=-5.03, Plg=0, Azm=172; Best double couple: Mo=5.1*10**16 Nm; NP1: Strike=307, Dip=90, Slip=-180; NP2: Strike=37, Dip=90, Slip=0.
04	13	08	37.0&	38.340	N	21.750	E	2				5	GREECE. <ATH>. MD 3.0 (ATH).
04	14	14	39.6&	60.871	N	149.358	W	27				45	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.7 (AEIC).
04	14	22	21.0&	40.327	N	29.277	E	10	G			8	TURKEY. <ISK>. MD 2.6 (ISK).
04	14	32	06.4*	31.716	N	139.984	E	33	N	4.4	1.2	22	SOUTHEAST OF HONSHU, JAPAN
04	14	41	06.8*	31.346	N	140.016	E	33	N	4.4	1.4	16	SOUTHEAST OF HONSHU, JAPAN
04	14	52	06.2	54.589	N	161.931	E	33	N		1.0	10	NEAR EAST COAST OF KAMCHATKA
04	14	59	30.7*	5.296	S	154.066	E	122	?	4.4	0.9	11	SOLOMON ISLANDS
04	15	12	04.4	12.402	N	143.972	E	33	N	4.8 4.2	1.1	83	SOUTH OF MARIANA ISLANDS
04	15	43	12.8*	6.164	S	130.404	E	33	N	4.1	0.9	11	BANDA SEA
04	16	11	24.0&	45.982	N	5.819	E	2				8	FRANCE. <LDG>. ML 2.1 (LDG).
04	16	30	31.7	10.683	N	62.626	W	89	D	3.6	0.9	27	NEAR COAST OF VENEZUELA. MD 4.3 (FDF), 4.0 (TRN). Felt (II) in parts of northern Trinidad.
04	17	04	22.1?	55.56	S	123.89	W	10	G	4.7	1.5	16	SOUTHERN EAST PACIFIC RISE
04	17	46	57.5	5.947	S	151.004	E	83	*	4.2	1.3	28	NEW BRITAIN REGION, P.N.G.
04	18	44	13.7&	35.012	N	33.085	E	30				9	CYPRUS REGION. <CSS>. ML 2.9 (CSS). Felt (III) at Ayia Marina, Klirou and Mitsero; (II) at Evrykhou.
04	19	15	02.0&	45.889	N	2.928	E	2				5	FRANCE. <LDG>. ML 1.5 (LDG).
04	19	38	29.3	5.539	S	133.575	E	33	N	5.0 4.1	1.0	97	ARU ISLANDS REGION, INDONESIA. Mw 5.1 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 19:38:25.4; Lat 6.32 S; Lon 133.80 E; Dep 36.8; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=4.73, Plg=25, Azm=286; (N) Val=1.42, Plg=11, Azm=21; (P) Val=-6.15, Plg=62, Azm=133; Best double couple: Mo=5.4*10**16 Nm; NP1: Strike=352, Dip=22, Slip=-121; NP2: Strike=205, Dip=71, Slip=-78.
04	21	14	25.1*	70.946	N	13.589	W	10	G	4.1	1.4	10	JAN MAYEN ISLAND REGION
04	21	17	47.3	41.210	N	19.808	E	10	G		0.9	9	ALBANIA. MD 3.5 (ATH).
04	22	14	36.7&	47.490	N	7.074	E	2				26	SWITZERLAND. <LDG>. ML 2.5 (LDG), 2.3 (STR), 2.3 (VIE).
04	23	25	35.4?	7.45	N	82.50	W	10	G		1.0	6	SOUTH OF PANAMA. MD 4.1 (CASC).
04	23	36	18.5&	18.973	N	67.310	W	5				8	MONA PASSAGE. <RSPR>. MD 3.3 (RSPR).
05	00	41	34.5&	40.799	N	30.909	E	10				6	TURKEY. <ISK>. MD 2.6 (ISK).
05	00	43	08.0?	17.85	S	178.29	W	600	G	4.2	1.0	13	FIJI ISLANDS REGION
05	00	47	58.2&	10.124	N	84.070	W	85		3.4		23	COSTA RICA. <CASC>. MD 4.0 (CASC).
05	00	55	01.5&	47.632	N	123.188	W	47				60	WASHINGTON. <SEA-P>. MD 2.8 (SEA).
05	01	15	29.9?	28.62	N	113.03	W	10	G		1.3	11	BAJA CALIFORNIA, MEXICO
05	01	50	55.6	28.732	N	112.952	W	10	G	4.3	1.0	55	GULF OF CALIFORNIA
05	01	56	04.3&	40.551	N	0.476	E	3				18	SPAIN. <MDD>. ML 2.8 (LDG). mbLg 2.5 (MDD).
05	02	08	52.8&	61.411	N	149.906	W	35				20	SOUTHERN ALASKA. <AEIC>. ML 2.7 (AEIC).
05	02	20	31.0&	38.785	N	122.774	W	6				28	NORTHERN CALIFORNIA. <NC-P>. Mw 3.9 (BRK). ML 3.7 (NC), 3.7 (BRK). Felt at Angwin, Calistoga, Cobb, Lower Lake,

												Middletown and St. Helena. Moment Tensor (BRK): Dep 6; Principal axes (scale 10**14 Nm): (T) Val=9.00, Plg=14, Azm=92; (N) Val=0.00, Plg=3, Azm=2; (P) Val=-9.00, Plg=76, Azm=262; Best double couple: Mo=9.0*10**14 Nm; NP1: Strike=0, Dip=59, Slip=-93; NP2: Strike=186, Dip=31, Slip=-85.
05	02	50	12.3	16.203	N	119.535	E	62 *	4.7	0.9	25	LUZON, PHILIPPINES
05	03	04	52.4	44.043	N	12.138	E	5 G		0.6	12	NORTHERN ITALY. ML 3.1 (VIE), 2.9 (TRI), 2.9 (LDG).
05	03	31	55.7&	34.504	N	32.177	E	25			6	CYPRUS REGION. <CSS>. ML 2.2 (CSS).
05	04	36	58.8&	34.220	N	25.690	E	38	5.3 5.4		479	CRETE, GREECE. <ATH>. Mw 5.6 (CSEM), 5.5 (HRV). MD 5.2 (ATH). Centroid, Moment Tensor (HRV): Centroid origin time 04:36:58.0; Lat 34.08 N; Lon 25.83 E; Dep 15.0 Fix; Half-duration 1.4 sec; Principal axes (scale 10**17 Nm): (T) Val=2.14, Plg=83, Azm=80; (N) Val=-0.25, Plg=7, Azm=283; (P) Val=-1.90, Plg=3, Azm=193; Best double couple: Mo=2.0*10**17 Nm; NP1: Strike=276, Dip=43, Slip=80; NP2: Strike=109, Dip=48, Slip=99. Moment Tensor (CSEM): Dep 30; Principal axes: (T) Plg=2, Azm=220; (N) Plg=12, Azm=310; (P) Plg=78, Azm=119; Best double couple: Mo=3.3*10**17 Nm; NP1: Strike=298, Dip=44, Slip=-107; NP2: Strike=141, Dip=48, Slip=-74.
05	05	46	52.4	45.564	N	14.438	E	10 G		0.8	8	NORTHWESTERN BALKAN REGION. ML 2.3 (VIE), 1.7 (LJU).
05	07	01	32.3&	34.510	N	25.660	E	38	4.0		15	CRETE, GREECE. <ATH>. MD 4.0 (ATH).
05	07	10	18.5?	6.84	S	11.99	W	10 G	4.5	1.1	8	ASCENSION ISLAND REGION
05	08	38	22.5&	45.530	N	4.840	E	2			58	FRANCE. <STR>. ML 3.4 (LDG), 3.2 (STR).
05	08	41	50.3	6.770	N	73.010	W	170 D	4.6	0.7	95	NORTHERN COLOMBIA. Felt in the epicentral area.
05	09	33	42.5	6.056	S	130.711	E	118 D	5.7	0.9	211	BANDA SEA. Mw 5.4 (HRV), 5.3 (GS). Moment Tensor (GS): Dep 67; Principal axes (scale 10**16 Nm): (T) Val=8.78, Plg=74, Azm=70; (N) Val=0.20, Plg=11, Azm=294; (P) Val=-8.98, Plg=11, Azm=202; Best double couple: Mo=8.9*10**16 Nm; NP1: Strike=278, Dip=36, Slip=70; NP2: Strike=122, Dip=57, Slip=104. Centroid, Moment Tensor (HRV): Centroid origin time 09:33:41.0; Lat 6.04 S; Lon 130.80 E; Dep 102.6; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=1.25, Plg=65, Azm=66; (N) Val=0.24, Plg=22, Azm=279; (P) Val=-1.49, Plg=12, Azm=184; Best double couple: Mo=1.4*10**17 Nm; NP1: Strike=247, Dip=38, Slip=53; NP2: Strike=112, Dip=61, Slip=115.
05	09	45	04.8?	31.32	S	69.46	W	150 G		1.1	9	SAN JUAN PROVINCE, ARGENTINA. MD 3.5 (GUC).
05	10	44	52.6	13.007	S	165.475	E	33 N	4.8	0.9	62	VANUATU ISLANDS
05	11	03	46.2	5.469	N	77.191	W	10 G	4.6	1.1	61	NEAR WEST COAST OF COLOMBIA. Minor damage at Nuqui. Felt strongly at Arusi.
05	11	14	35.3&	37.290	S	177.890	E	48			6	OFF E. COAST OF N. ISLAND, N.Z. <WEL>.
05	11	18	53.6&	18.102	N	65.816	W	146			6	PUERTO RICO REGION. <RSPR>. MD 2.9 (RSPR).
05	11	40	39.1&	44.376	N	7.261	E	8			5	NORTHERN ITALY. <GEN>. ML 1.7 (GEN).
05	12	22	39.2&	38.698	N	7.795	W	8			20	PORTUGAL. <MDD>. mbLg 2.5 (MDD).
05	12	31	16.1*	22.196	N	143.753	E	100 G	3.7	0.8	13	VOLCANO ISLANDS, JAPAN REGION
05	13	25	25.5*	45.449	S	98.545	E	10 G		0.7	12	SOUTHEAST INDIAN RIDGE
05	13	37	16.1*	51.630	N	16.091	E	5 G		0.8	8	POLAND. ML 3.6 (VIE).
05	13	51	00.8&	44.370	N	7.253	E	10			5	NORTHERN ITALY. <GEN>. ML 1.6 (GEN).
05	14	02	32.9&	47.680	N	7.890	E	2 G			6	SWITZERLAND. <STR>. ML 1.7 (STR).
05	14	20	36.7&	49.366	N	6.959	E	1 G			13	GERMANY. <LDG>. ML 3.0 (LDG). Mining induced event in the Lorraine region, France.
05	14	43	54.7&	40.140	S	174.810	E	21			11	COOK STRAIT, NEW ZEALAND. <WEL>. ML 3.6 (WEL).
05	14	46	58.4&	38.700	S	175.900	E	89			9	NORTH ISLAND, NEW ZEALAND. <WEL>.
05	14	58	10.8*	55.222	N	163.282	E	33 N		1.1	7	OFF EAST COAST OF KAMCHATKA
05	15	12	20.2&	36.460	N	22.740	E	5			4	SOUTHERN GREECE. <ATH>. MD 3.0 (ATH).
05	15	45	54.7*	54.389	N	35.295	W	10 G	4.3	1.0	14	REYKJANES RIDGE
05	15	46	36.3&	34.204	N	26.171	E	33 N		1.0	6	CRETE, GREECE
05	15	48	24.3&	40.740	N	31.191	E	12			5	TURKEY. <ISK>. MD 3.1 (ISK).
05	16	02	48.3	40.559	S	71.403	W	152	4.7	0.9	47	S. CHILE-ARGENTINA BORDER REGION. MD 4.4 (GUC).
05	16	03	22.1	43.391	N	17.454	E	10 G		0.9	18	NORTHWESTERN BALKAN REGION. ML 3.9 (TRI), 3.4 (VIE), 3.3 (ROM).
05	16	15	33.8*	23.568	N	45.088	W	10 G	4.4	1.0	17	NORTHERN MID-ATLANTIC RIDGE
05	16	44	28.9&	38.796	N	122.800	W	1			11	NORTHERN CALIFORNIA. <NC-P>. MD 2.9 (NC).
05	18	23	04.4&	42.610	N	2.270	E	5			9	PYRENEES. <STR>. ML 2.3 (STR), 2.2 (LDG).
05	19	27	22.0*	48.371	N	155.073	E	33 N	4.2	0.5	10	KURIL ISLANDS
05	19	34	31.3	38.402	N	73.856	E	140	4.5	0.8	67	TAJIKISTAN-XINJIANG BORDER REG.
05	19	38	36.6	18.590	N	121.229	E	85	4.4	1.1	30	LUZON, PHILIPPINES
05	20	38	08.7&	34.502	N	116.285	W	0			13	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS).
05	21	24	22.2&	19.135	N	66.114	W	66			5	PUERTO RICO REGION. <RSPR>. MD 3.2 (RSPR).
05	21	40	43.1	43.137	N	126.091	W	10 G	3.7	0.8	62	OFF COAST OF OREGON. MD 3.3 (SEA).
05	22	21	21.5?	9.66	S	67.00	E	10 G	4.6 4.3	1.1	8	MID-INDIAN RIDGE
05	22	41	22.3*	46.787	N	152.801	E	53 D	3.5	0.6	12	KURIL ISLANDS
05	22	43	23.8&	39.160	N	24.490	E	21	3.8		74	AEGEAN SEA. <ATH>. ML 4.1 (ATH). MD 3.7 (ISK).
05	23	29	30.2&	17.962	N	67.181	W	14			5	MONA PASSAGE. <RSPR>. ML 3.1 (RSPR).
05	23	41	17.1&	34.130	N	25.600	E	5	3.5		11	CRETE, GREECE. <ATH>. MD 3.9 (ATH).
06	00	06	58.3&	36.753	N	4.125	W	32			5	STRAIT OF GIBRALTAR. <MDD>. mbLg 1.6 (MDD).
06	00	10	38.7	45.743	N	26.580	E	133 D	5.1	1.0	323	ROMANIA. Mw 5.4 (CSEM), 5.2 (HRV). Felt in the Bucharest area. Centroid, Moment Tensor (HRV): Centroid origin time 00:10:42.5; Lat 45.61 N; Lon 26.56 E; Dep 122.5; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=6.52, Plg=51, Azm=167; (N) Val=-0.17, Plg=16, Azm=56; (P) Val=-6.35, Plg=34, Azm=315; Best double couple: Mo=6.4*10**16 Nm; NP1: Strike=356, Dip=18, Slip=29; NP2: Strike=238, Dip=81, Slip=106. Moment Tensor (CSEM): Dep 150; Principal axes: (T) Plg=55, Azm=131; (N) Plg=9, Azm=234; (P) Plg=33, Azm=330; Best double couple: Mo=1.3*10**17 Nm; NP1: Strike=232, Dip=79, Slip=81; NP2: Strike=92, Dip=14, Slip=129.
06	00	19	51.3?	9.52	S	66.87	E	10 G	4.6	1.2	10	MID-INDIAN RIDGE

06	00	43	19.1&	47.330	N	7.170	E	8				81	SWITZERLAND. <STR>. ML 3.5 (LDG), 3.4 (GRF), 3.2 (STR), 3.1 (VIE).
06	01	01	27.4*	45.573	N	14.405	E	10	G		0.3	7	NORTHWESTERN BALKAN REGION. ML 2.2 (VIE), 1.5 (LJU).
06	01	03	28.9&	44.612	N	7.258	E	13				22	NORTHERN ITALY. <GEN>. ML 2.3 (GEN), 2.1 (LDG), 2.1 (STR).
06	01	04	54.6	22.143	N	143.743	E	95	D	4.7	1.0	65	VOLCANO ISLANDS, JAPAN REGION
06	01	08	05.8&	18.039	N	66.777	W	17				6	PUERTO RICO REGION. <RSPR>. MD 2.2 (RSPR).
06	01	14	19.2*	36.377	N	140.832	E	66	*	4.3	0.9	45	NEAR EAST COAST OF HONSHU, JAPAN. Recorded (2 JMA) in Ibaraki Prefecture.
06	01	59	30.9&	54.810	N	159.514	W	16		4.3		88	SOUTH OF ALASKA. <AEIC>. ML 4.0 (AEIC), 4.4 (PMR).
06	01	59	55.1&	15.474	N	61.143	W	91				6	LEEWARD ISLANDS. <FDF>. MD 2.6 (FDF).
06	02	14	06.2?	20.95	S	68.33	W	144	*	3.6	0.6	6	CHILE-BOLIVIA BORDER REGION
06	02	34	48.2*	4.901	S	102.974	E	33	N	4.5	0.8	19	SOUTHERN SUMATERA, INDONESIA
06	02	56	53.4&	38.720	S	177.460	E	48				8	NORTH ISLAND, NEW ZEALAND. <WEL>.
06	03	09	33.5	42.701	N	111.066	W	5	G		0.7	26	EASTERN IDAHO. ML 3.1 (GS). Felt at Fairview, Wyoming.
06	03	55	35.4&	42.980	N	0.263	E	12				9	PYRENEES. <LDG>. ML 2.4 (LDG), 2.3 (STR).
06	04	00	02.7&	43.543	N	4.580	E	8	G			18	NEAR SOUTH COAST OF FRANCE. <LDG>. ML 2.4 (LDG), 2.2 (STR).
06	04	27	27.3	55.309	N	163.064	E	33	N	4.7 4.1	0.9	130	OFF EAST COAST OF KAMCHATKA
06	05	48	50.5&	34.696	N	33.121	E	10				6	CYPRUS REGION. <CSS>. ML 2.3 (CSS).
06	06	15	38.8*	1.710	N	99.887	E	159	?	4.1	0.8	23	NORTHERN SUMATERA, INDONESIA
06	06	16	56.7*	11.438	N	86.511	W	33	N	4.4	1.5	36	NEAR COAST OF NICARAGUA
06	06	37	26.1*	10.085	S	72.959	W	33	N	4.0	0.9	14	PERU-BRAZIL BORDER REGION
06	06	37	34.3	28.819	N	34.633	E	10	G	4.2	1.1	34	EGYPT. Felt on the Sinai Peninsula. Also felt at Elat, Israel and Al Aqabah, Jordan.
06	06	58	39.0&	39.700	S	174.470	E	207				11	NORTH ISLAND, NEW ZEALAND. <WEL>.
06	07	01	17.9	51.985	N	170.455	W	33	N	4.6 4.4	0.9	111	FOX ISLANDS, ALEUTIAN ISLANDS. ML 4.6 (PMR).
06	07	47	40.3*	52.049	N	170.572	W	33	N	4.5	0.7	17	FOX ISLANDS, ALEUTIAN ISLANDS
06	07	59	43.5&	39.364	N	27.796	E	10				6	TURKEY. <ISK>. MD 2.9 (ISK).
06	08	38	04.7&	34.746	N	33.138	E	10				7	CYPRUS REGION. <CSS>. ML 2.4 (CSS).
06	10	04	25.0&	44.782	N	7.199	E	12				4	NORTHERN ITALY. <GEN>. ML 1.6 (GEN).
06	10	29	55.3*	20.067	S	179.134	W	600	G	3.6	0.5	9	FIJI ISLANDS REGION
06	10	47	34.4	5.806	S	104.048	E	33	N	4.7	0.9	27	SOUTHERN SUMATERA, INDONESIA
06	11	05	59.0&	35.171	N	34.132	E	15				10	CYPRUS REGION. <CSS>. MD 3.8 (ISK). ML 3.3 (CSS).
06	11	12	08.3&	39.649	N	29.500	E	10	G			4	TURKEY. <ISK>. MD 2.5 (ISK).
06	11	38	22.2*	51.855	N	170.359	W	33	N	3.8	1.0	11	FOX ISLANDS, ALEUTIAN ISLANDS
06	11	44	27.1&	34.098	S	70.902	W	79				9	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.1 (GUC).
06	12	00	36.7&	38.240	S	178.930	E	80				7	OFF E. COAST OF N. ISLAND, N.Z. <WEL>.
06	13	04	38.7&	39.580	S	175.490	E	24				8	NORTH ISLAND, NEW ZEALAND. <WEL>. ML 3.3 (WEL).
06	13	07	34.9&	47.167	N	0.291	E	3	G			12	FRANCE. <LDG>. MD 2.5 (LDG).
06	13	55	28.9	44.650	N	38.003	E	52	*	4.1	1.4	32	NORTHWESTERN CAUCASUS. Felt (III) at Novorossiysk and (II) at Anapa and Gelendzhik.
06	14	28	21.6*	43.753	N	141.872	E	194	*	3.6	1.3	12	HOKKAIDO, JAPAN REGION
06	14	34	24.8	12.500	N	47.446	E	10	G	4.8 4.4	1.0	79	EASTERN GULF OF ADEN
06	14	39	49.2&	41.810	S	174.430	E	51				15	COOK STRAIT, NEW ZEALAND. <WEL>.
06	15	13	07.3&	40.821	N	31.430	E	10	G			5	TURKEY. <ISK>. MD 2.8 (ISK).
06	15	28	20.8*	49.424	N	129.905	W	10	G	3.9	1.4	17	VANCOUVER ISLAND, CANADA REGION. ML 3.6 (PGC).
06	15	35	22.5&	36.579	N	121.173	W	2				11	CENTRAL CALIFORNIA. <NC-P>. MD 2.8 (NC).
06	16	21	36.7*	41.905	N	142.589	E	81	D	3.4	1.3	9	HOKKAIDO, JAPAN REGION
06	16	49	57.8&	40.746	N	30.232	E	9				9	TURKEY. <ISK>. MD 3.2 (ISK).
06	17	03	50.5&	35.610	N	23.560	E	5				7	CRETE, GREECE. <ATH>. MD 3.5 (ATH).
06	17	14	49.2&	43.359	N	2.275	E	5	G			6	FRANCE. <LDG>. ML 2.5 (LDG).
06	17	40	38.2	46.605	N	10.330	E	5	G	4.5	1.1	158	NORTHERN ITALY. ML 4.4 (FUR), 4.3 (LDG), 4.3 (STR), 4.2 (TRI), 4.2 (VIE), 4.0 (CLL).
06	18	02	03.4&	10.983	N	62.480	W	68				4	NEAR COAST OF VENEZUELA. <TRN>. MD 2.9 (TRN).
06	18	10	22.7&	16.127	N	61.009	W	14				5	LEEWARD ISLANDS. <FDF>. MD 2.0 (FDF).
06	19	27	54.9	33.029	N	136.658	E	433		3.8	0.8	28	NEAR S. COAST OF WESTERN HONSHU
06	20	29	03.3	46.064	N	14.777	E	10	G		0.2	7	NORTHWESTERN BALKAN REGION. ML 1.7 (VIE), 1.3 (LJU).
06	20	33	33.4*	5.309	N	77.747	W	33	N	3.8	0.9	7	NEAR WEST COAST OF COLOMBIA
06	22	30	10.4	17.147	N	73.637	E	10	G	4.9 4.1	1.1	77	SOUTHERN INDIA. Two people injured and 150 houses damaged in the Koyna-Kolhapur area, Maharashtra. Felt in the Dharwad-Hubli area, Karnataka and in Goa.
06	22	37	08.4&	39.060	S	175.280	E	241				6	NORTH ISLAND, NEW ZEALAND. <WEL>.
06	23	01	57.8&	42.032	N	8.028	W	4				4	SPAIN. <MDD>. mbLg 2.7 (MDD).
06	23	23	56.1*	35.139	N	23.979	E	57	*		0.9	11	CRETE, GREECE. MD 3.8 (ATH).
06	23	33	17.0&	38.990	N	23.420	E	27				4	GREECE. <ATH>. ML 3.0 (ATH).
06	23	55	53.2&	44.894	N	2.783	E	11	G			10	FRANCE. <LDG>. ML 2.2 (STR), 1.9 (LDG).
07	00	09	27.2	18.947	S	65.617	E	10	G	4.8 4.5	0.8	32	MAURITIUS - REUNION REGION
07	00	51	30.5&	34.849	S	71.179	W	11				12	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.5 (GUC).
07	01	09	58.8?	13.17	S	167.10	E	189	?		0.9	9	VANUATU ISLANDS
07	01	25	29.7&	38.420	S	175.980	E	217				6	NORTH ISLAND, NEW ZEALAND. <WEL>.
07	01	59	58.4&	36.605	N	8.055	W	16				17	WEST OF GIBRALTAR. <MDD>. mbLg 2.5 (MDD).
07	02	00	52.6&	49.146	N	6.828	E	1	G			24	GERMANY. <LDG>. MD 3.1 (LDG). Mining induced event in the Lorraine region, France.
07	02	11	07.0?	22.30	N	143.68	E	100	G	3.5	1.4	9	VOLCANO ISLANDS, JAPAN REGION
07	02	46	50.4*	43.035	N	46.940	E	10	G		0.6	5	EASTERN CAUCASUS. Felt (III) at Dubki.
07	02	55	39.7&	44.266	N	7.340	E	18				7	NORTHERN ITALY. <GEN>. ML 1.8 (GEN).
07	02	55	43.8&	18.273	N	67.584	W	7				6	MONA PASSAGE. <RSPR>. MD 3.3 (RSPR).
07	03	15	59.2*	1.436	S	13.586	W	10	G	4.2	1.3	12	NORTH OF ASCENSION ISLAND
07	03	38	30.6	66.435	N	13.614	E	10	G		0.7	9	NORTHERN NORWAY
07	03	53	08.7*	51.913	N	170.400	W	33	N	3.8	0.9	10	FOX ISLANDS, ALEUTIAN ISLANDS
07	04	26	46.7?	23.52	N	44.83	W	10	G	4.5	1.4	10	NORTHERN MID-ATLANTIC RIDGE
07	05	34	59.3	39.584	N	25.996	E	10	G		1.1	25	AEGEAN SEA. MD 3.9 (ATH), 3.6 (ISK).
07	05	55	46.5	7.206	S	129.193	E	153		4.9	1.2	95	BANDA SEA. Mw 5.5 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 05:55:50.9; Lat 7.10 S; Lon 129.48 E; Dep 169.2; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=2.06, Plg=19, Azm=301; (N) Val=-0.64, Plg=11, Azm=35; (P) Val=-1.42, Plg=67, Azm=154; Best double couple: Mo=1.7*10**17 Nm; NP1: Strike=13, Dip=28, Slip=-115; NP2: Strike=221, Dip=65, Slip=-78.
07	06	15	33.5*	9.364	S	66.867	E	10	G	4.8 4.5	1.2	28	MID-INDIAN RIDGE
07	06	48	49.9?	50.35	S	113.02	E	10	G	4.8	1.2	6	SOUTHEAST INDIAN RIDGE
07	06	50	47.6&	43.820	N	8.020	E	2	G			15	CORSICA, FRANCE. <STR>. ML 2.7 (STR).
07	06	54	27.9	36.941	N	138.289	E	33	N	4.1	1.1	24	EASTERN HONSHU, JAPAN. Recorded (3 JMA) in the epicentral

									area.
07	08 21 35.1&	40.908 N	27.772 E	5				4	TURKEY. <ISK>. MD 2.7 (ISK).
07	10 03 57.4&	44.300 N	7.510 E	2 G				4	NORTHERN ITALY. <STR>. ML 2.0 (STR).
07	10 21 34.2	8.943 N	125.924 E	33 N	4.0		1.5	21	MINDANAO, PHILIPPINES
07	10 30 27.9&	36.689 N	2.805 W	0 G				5	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.6 (MDD).
07	10 37 58.0	34.189 N	25.895 E	10 G			1.1	20	CRETE, GREECE. MD 4.2 (ATH).
07	11 02 55.4	30.547 N	138.482 E	392 D	4.5		0.9	89	SOUTHEAST OF HONSHU, JAPAN
07	11 11 57.0	41.075 N	20.214 E	10 G			1.3	23	ALBANIA. MD 3.7 (ATH). ML 3.7 (ROM).
07	11 43 14.3&	7.140 S	105.400 E	33 N				4	JAWA, INDONESIA. <DJA>. ML 4.2 (DJA).
07	12 08 12.8?	12.62 N	89.55 W	33 N	4.0		1.3	20	OFF COAST OF CENTRAL AMERICA
07	13 22 40.2&	15.736 N	60.473 W	30				9	LEEWARD ISLANDS. <FDF>. MD 3.0 (FDF).
07	13 35 02.2*	54.905 N	163.176 E	8	3.0		0.9	9	OFF EAST COAST OF KAMCHATKA
07	14 11 01.4&	38.522 N	28.631 E	5				6	TURKEY. <ISK>. MD 3.0 (ISK).
07	14 31 55.6&	44.645 N	7.000 E	5				4	NORTHERN ITALY. <GEN>. ML 1.6 (GEN).
07	14 47 38.1*	51.739 N	170.450 W	33 N	4.1		0.9	11	FOX ISLANDS, ALEUTIAN ISLANDS
07	15 11 44.9*	4.899 N	126.022 E	85 *	4.0		1.0	13	TALAUD ISLANDS, INDONESIA
07	15 24 29.7&	34.446 N	116.257 W	3				11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS).
07	15 31 53.2	10.756 S	161.768 E	33 N	4.8	4.4	0.9	34	SOLOMON ISLANDS
07	16 09 05.4&	44.441 N	7.298 E	6				4	NORTHERN ITALY. <GEN>. ML 1.5 (GEN).
07	16 23 04.0*	36.849 N	71.695 E	122 *	3.5		1.3	8	AFGHANISTAN-TAJIKISTAN BORD REG.
07	16 43 23.1	51.821 N	170.473 W	33 N	4.9		1.1	189	FOX ISLANDS, ALEUTIAN ISLANDS. Mw 5.3 (HRV). ML 5.0 (PMR).
									Centroid, Moment Tensor (HRV): Centroid origin time 16:43:24.7; Lat 51.92 N; Lon 170.61 W; Dep 30.9; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=8.44, Plg=52, Azm=270; (N) Val=0.67, Plg=19, Azm=27; (P) Val=-9.11, Plg=31, Azm=130; Best double couple: Mo=8.8*10**16 Nm; NP1: Strike=264, Dip=23, Slip=149; NP2: Strike=23, Dip=78, Slip=70.
07	16 46 23.6	51.851 N	170.492 W	33 N	5.0	5.1	1.0	168	FOX ISLANDS, ALEUTIAN ISLANDS. ML 5.2 (PMR).
07	16 50 45.7*	51.805 N	170.522 W	33 N	4.3		0.9	25	FOX ISLANDS, ALEUTIAN ISLANDS
07	18 25 50.8&	40.554 N	29.937 E	5				6	TURKEY. <ISK>. MD 2.6 (ISK).
07	18 29 42.6*	26.880 S	26.674 E	10 G	4.5		1.1	19	SOUTH AFRICA
07	18 42 23.6	18.271 S	175.272 W	208 D	5.4		0.8	318	TONGA ISLANDS. Mw 5.7 (GS), 5.7 (HRV).
									Moment Tensor (GS): Dep 208; Principal axes (scale 10**17 Nm): (T) Val=3.83, Plg=22, Azm=125; (N) Val=0.10, Plg=21, Azm=26; (P) Val=-3.92, Plg=58, Azm=256; Best double couple: Mo=3.9*10**17 Nm; NP1: Strike=249, Dip=30, Slip=-43; NP2: Strike=18, Dip=70, Slip=-113.
									Centroid, Moment Tensor (HRV): Centroid origin time 18:42:24.6; Lat 18.86 S; Lon 175.77 W; Dep 223.7; Half-duration 1.9 sec; Principal axes (scale 10**17 Nm): (T) Val=3.27, Plg=9, Azm=340; (N) Val=1.80, Plg=43, Azm=78; (P) Val=-5.07, Plg=45, Azm=241; Best double couple: Mo=4.2*10**17 Nm; NP1: Strike=32, Dip=53, Slip=-150; NP2: Strike=282, Dip=67, Slip=-42.
07	19 08 27.8	18.045 S	65.517 E	10 G	5.5	5.9	1.0	72	MAURITIUS - REUNION REGION. Mw 6.3 (HRV), 6.2 (GS).
									Moment Tensor (GS): Dep 15; Principal axes (scale 10**18 Nm): (T) Val=2.32, Plg=2, Azm=273; (N) Val=0.36, Plg=78, Azm=174; (P) Val=-2.68, Plg=12, Azm=4; Best double couple: Mo=2.5*10**18 Nm; NP1: Strike=48, Dip=80, Slip=-7; NP2: Strike=139, Dip=83, Slip=-170.
									Centroid, Moment Tensor (HRV): Centroid origin time 19:08:39.0; Lat 17.54 S; Lon 65.38 E; Dep 15.0 Fix; Half-duration 3.4 sec; Principal axes (scale 10**18 Nm): (T) Val=3.62, Plg=6, Azm=104; (N) Val=-0.39, Plg=82, Azm=241; (P) Val=-3.23, Plg=5, Azm=14; Best double couple: Mo=3.4*10**18 Nm; NP1: Strike=149, Dip=82, Slip=180; NP2: Strike=239, Dip=90, Slip=8.
07	19 09 26.2&	38.150 N	22.788 E	19	4.4			155	GREECE. <THE>. ML 4.2 (ATH), 3.9 (THE). Felt in northwestern Attiki.
07	19 14 18.3?	2.06 N	79.78 W	10 G	3.9		1.1	11	SOUTH OF PANAMA
07	20 17 32.0&	40.433 N	28.861 E	8				5	TURKEY. <ISK>. MD 2.6 (ISK).
07	20 46 07.2&	10.506 N	61.835 W	47				6	TRINIDAD. <TRN>. MD 3.2 (TRN).
07	21 01 06.7	51.959 N	170.430 W	33 N	4.1		0.9	30	FOX ISLANDS, ALEUTIAN ISLANDS
07	21 15 33.0	11.519 S	73.025 W	36 D	4.7		1.0	35	CENTRAL PERU. Felt (III) at Atalaya and Satipo.
07	21 56 49.9*	51.781 N	170.451 W	33 N			0.5	10	FOX ISLANDS, ALEUTIAN ISLANDS
07	22 40 28.0&	40.687 N	29.184 E	5				6	TURKEY. <ISK>. MD 2.9 (ISK).
07	22 59 03.4?	21.68 N	143.02 E	319 ?	3.9		1.2	28	MARIANA ISLANDS REGION
07	23 24 46.6&	18.200 N	67.535 W	13				5	MONA PASSAGE. <RSPR>. ML 3.2 (RSPR).
07	23 48 13.5&	40.692 N	29.214 E	5				5	TURKEY. <ISK>. MD 2.6 (ISK).
08	00 17 28.7?	51.74 N	170.42 W	33 N	3.3		1.2	6	FOX ISLANDS, ALEUTIAN ISLANDS
08	00 37 36.0*	23.799 S	66.754 W	202	3.9		0.9	24	JUJUY PROVINCE, ARGENTINA
08	01 33 44.0&	35.228 N	32.932 E	15				7	CYPRUS REGION. <CSS>. ML 3.2 (CSS).
08	01 34 33.4?	4.23 S	102.98 E	103 ?	4.4		1.3	13	SOUTHERN SUMATERA, INDONESIA
08	01 52 12.1*	45.471 N	26.332 E	110 G			0.5	6	ROMANIA
08	02 02 42.7%	9.799 N	125.771 E	114 ?			1.1	6	MINDANAO, PHILIPPINES
08	02 16 45.1&	38.120 N	22.740 E	8				13	GREECE. <ATH>. MD 3.4 (ATH).
08	02 41 40.5	22.640 N	120.947 E	33 N	4.4	3.9	1.1	28	TAIWAN. Recorded (4 TAP) in northern Ping-tung County; (3 TAP) at Ping-tung; (2 TAP) at Chia-i, Kao-hsiung, Tai-nan and Tai-tung. Also recorded (2 TAP) on Lan Yu.
08	03 13 28.1&	38.110 N	22.740 E	28				5	GREECE. <ATH>. MD 2.8 (ATH).
08	03 40 26.2&	37.900 N	21.040 E	5				7	SOUTHERN GREECE. <ATH>. MD 3.1 (ATH).
08	04 18 37.3&	45.845 N	5.994 E	3 G				58	FRANCE. <LDG>. MD 3.1 (LDG). ML 2.8 (STR).
08	04 58 06.4	62.958 S	150.663 E	10 G	4.2		0.6	7	BALLENY ISLANDS REGION
08	05 16 40.1	38.652 N	14.525 E	10 G	3.9		1.3	22	SICILY, ITALY
08	05 51 38.5?	48.27 N	154.22 E	54 D			1.2	7	KURIL ISLANDS
08	06 29 03.0	47.231 N	11.328 E	5 G			1.4	9	AUSTRIA. ML 2.6 (VIE), 2.5 (STR). Felt (III) at Kematen in Tirol.
08	06 45 14.5?	52.53 N	170.91 W	33 N	3.3		1.3	6	FOX ISLANDS, ALEUTIAN ISLANDS
08	06 47 02.4&	40.890 S	174.730 E	14				9	COOK STRAIT, NEW ZEALAND. <WEL>. ML 3.5 (WEL).
08	06 51 42.2&	35.801 N	120.347 W	7				9	CENTRAL CALIFORNIA. <NC-P>. MD 2.8 (NC).
08	07 25 53.0&	18.159 N	67.364 W	19				7	MONA PASSAGE. <RSPR>. MD 3.4 (RSPR).
08	07 38 58.7*	23.947 S	66.735 W	213 *	4.1		0.6	9	JUJUY PROVINCE, ARGENTINA

08	08	39	59.4	10.625	S	120.377	E	33	N	4.4		1.3	23	SUMBA REGION, INDONESIA
08	08	55	33.0*	11.375	S	120.510	E	33	N	5.0		1.3	22	SOUTH OF SUMBA, INDONESIA
08	10	24	32.7	7.898	S	117.297	E	281		4.2		1.0	42	BALI SEA
08	10	39	43.5&	37.313	N	3.185	W	0	G				9	SPAIN. <MDD>. mbLg 2.0 (MDD).
08	10	58	14.2?	11.13	S	166.06	E	33	N	4.2		1.1	10	SANTA CRUZ ISLANDS
08	11	01	36.4&	34.765	N	32.997	E	20		3.9			28	CYPRUS REGION. <CSS>. ML 3.3 (CSS). Felt (III) at Limassol.
08	11	02	41.0&	34.703	N	33.036	E	25					7	CYPRUS REGION. <CSS>. ML 3.2 (CSS). Felt (III) at Limassol.
08	11	30	22.0&	46.342	N	111.410	W	5					52	MONTANA. <BUT-P>. ML 4.1 (BUT). Felt at Helena and Townsend.
08	12	01	54.7*	10.698	S	120.290	E	33	N	4.7		1.4	14	SUMBA REGION, INDONESIA
08	12	14	57.5&	61.520	N	149.612	W	34					48	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
08	12	58	47.6*	43.675	S	15.969	W	10	G	4.5		1.2	18	SOUTHERN MID-ATLANTIC RIDGE
08	13	45	51.2&	48.024	N	6.768	E	3	G				15	FRANCE. <LDG>. MD 2.1 (LDG). ML 1.8 (STR).
08	14	09	46.0	39.560	N	73.661	E	62	*	3.8		0.4	14	TAJIKISTAN-XINJIANG BORDER REG.
08	14	45	04.3&	36.657	N	3.316	W	0	G				8	STRAIT OF GIBRALTAR. <MDD>. mbLg 1.9 (MDD).
08	15	26	24.0&	46.350	N	111.410	W	4					16	MONTANA. <BUT-P>. ML 2.8 (BUT). Felt.
08	15	28	23.0	1.091	N	120.151	E	33	N	5.2	5.0	1.1	87	MINAHASSA PENINSULA, SULAWESI. Mw 5.6 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 15:28:28.6; Lat 1.36 N; Lon 120.72 E; Dep 43.4; Half-duration 1.5 sec; Principal axes (scale 10**17 Nm): (T) Val=2.28, Plg=58, Azm=181; (N) Val=0.20, Plg=7, Azm=80; (P) Val=-2.48, Plg=31, Azm=346; Best double couple: Mo=2.4*10**17 Nm; NP1: Strike=55, Dip=15, Slip=64; NP2: Strike=262, Dip=76, Slip=97.
08	15	41	09.9*	10.116	N	126.350	E	33	N			1.1	12	PHILIPPINE ISLANDS REGION
08	16	01	58.2*	41.843	N	83.087	E	33	N	4.4		0.9	19	SOUTHERN XINJIANG, CHINA
08	16	06	48.3&	45.101	N	7.715	E	41					22	NORTHERN ITALY. <GEN>. MD 2.5 (LDG).
08	16	30	37.0*	3.296	S	139.116	E	33	N	4.1		0.7	11	IRIAN JAYA, INDONESIA
08	16	49	17.9*	19.415	N	122.098	E	33	N	3.8		1.4	6	PHILIPPINE ISLANDS REGION
08	16	52	33.3&	36.440	N	22.680	E	5					7	SOUTHERN GREECE. <ATH>. MD 3.3 (ATH).
08	17	02	38.1&	44.764	N	9.865	E	6					29	NORTHERN ITALY. <GEN>. ML 2.7 (GEN), 2.7 (LDG), 2.6 (STR).
08	17	48	03.1&	34.805	N	116.264	W	5					11	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
08	18	00	57.0	28.198	N	112.913	W	10	G	4.3		0.9	51	GULF OF CALIFORNIA
08	18	18	06.1&	34.804	N	116.265	W	5					11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
08	18	31	32.0*	7.395	N	77.037	W	55	*	4.2		1.1	25	PANAMA-COLOMBIA BORDER REGION
08	18	31	53.7&	38.720	S	176.150	E	190					10	NORTH ISLAND, NEW ZEALAND. <WEL>.
08	18	33	45.6?	15.12	S	172.90	W	33	N	4.2		1.1	24	SAMOA ISLANDS REGION
08	18	41	11.5&	35.304	N	32.798	E	52					6	CYPRUS REGION. <CSS>.
08	19	41	47.2	51.651	N	16.176	E	5	G	3.6		0.9	30	POLAND. ML 3.8 (GRF), 3.6 (VIE), 3.5 (FUR).
08	19	50	19.7?	51.56	N	16.12	E	5	G			1.1	5	POLAND
08	20	50	16.7	49.687	N	155.886	E	47	D	4.8	3.8	0.9	160	KURIL ISLANDS. Felt (II) at Severo-Kurilsk.
08	21	41	44.2*	54.607	N	162.782	E	48	?	3.7		1.4	14	NEAR EAST COAST OF KAMCHATKA
08	21	42	29.5*	14.411	S	66.076	E	10	G	4.3		1.2	25	MID-INDIAN RIDGE
08	22	42	48.3	70.910	N	13.404	W	10	G	4.2		1.4	25	JAN MAYEN ISLAND REGION
08	22	52	27.4&	38.820	S	175.840	E	145					10	NORTH ISLAND, NEW ZEALAND. <WEL>.
08	23	22	16.3*	45.329	S	166.560	E	10	G	4.1		1.1	16	OFF W. COAST OF S. ISLAND, N.Z.
08	23	28	15.7&	46.147	N	6.999	E	2					17	SWITZERLAND. <LDG>. MD 2.6 (LDG). ML 2.2 (STR).
09	00	03	21.9&	38.530	S	175.800	E	154					13	NORTH ISLAND, NEW ZEALAND. <WEL>.
09	01	06	43.6&	37.268	N	2.668	W	0	G				8	SPAIN. <MDD>. mbLg 2.0 (MDD).
09	01	06	43.9&	62.184	N	151.202	W	83					51	CENTRAL ALASKA. <AEIC>.
09	01	57	47.7*	14.436	S	34.745	E	10	G	3.9		0.9	10	MALAWI
09	02	03	18.0	51.652	N	16.290	E	5	G			0.6	12	POLAND. ML 3.2 (VIE).
09	03	43	51.0&	33.515	S	71.057	W	58					10	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 2.3 (GUC).
09	04	03	50.6&	38.320	S	177.210	E	57					6	NORTH ISLAND, NEW ZEALAND. <WEL>.
09	04	23	45.7&	61.832	N	150.930	W	0	G				39	SOUTHERN ALASKA. <AEIC>. ML 3.7 (AEIC), 4.1 (PMR).
09	04	32	44.2&	61.860	N	150.964	W	0	G				15	SOUTHERN ALASKA. <AEIC>. ML 2.9 (AEIC).
09	04	44	20.8*	0.772	N	120.999	E	509	*			1.3	13	MINAHASSA PENINSULA, SULAWESI
09	04	48	03.7&	43.950	N	7.320	E	2	G				11	NEAR SOUTH COAST OF FRANCE. <STR>. ML 2.2 (STR). MD 2.2 (LDG).
09	05	05	39.5	49.857	N	160.346	E	10	G	4.2		1.1	21	EAST OF KURIL ISLANDS
09	06	05	45.7&	45.858	N	5.958	E	2					5	FRANCE. <LDG>. ML 1.8 (LDG).
09	06	41	58.3*	44.557	N	149.540	E	48	D	3.9		0.9	18	KURIL ISLANDS
09	06	52	04.5&	34.134	N	117.472	W	15					16	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.6 (PAS). Felt (IV) at Alta Loma, Fontana, Hesperia, Ontario, Rancho Cucamonga and Riverside; (III) at Chino, Chino Hills, Corona, Hemet, Highland, Montclair, Moreno Valley, Mount Baldy, Norco, Placentia, Pomona, Upland and Walnut. Felt in Los Angeles, Orange, Riverside, San Bernardino and San Diego Counties.
09	07	09	01.6?	20.32	S	177.73	W	500	G	3.9		1.2	9	FIJI ISLANDS REGION
09	07	19	28.7&	11.088	N	124.563	E	33	N			1.3	5	LEYTE, PHILIPPINES
09	07	39	10.0&	43.460	N	110.880	W	6					36	WYOMING. <USBR>. MD 3.0 (USBR). Felt at Wilson.
09	08	06	10.8&	18.323	N	67.929	W	34					5	MONA PASSAGE. <RSPR>. MD 3.2 (RSPR).
09	09	01	55.6&	46.353	N	111.402	W	4					19	MONTANA. <BUT-P>. ML 3.2 (BUT). Felt at Townsend.
09	09	07	57.5&	34.764	N	32.898	E	10					4	CYPRUS REGION. <CSS>. ML 2.3 (CSS).
09	09	08	23.8&	34.630	N	32.967	E	30					4	CYPRUS REGION. <CSS>. ML 2.7 (CSS).
09	09	13	09.5&	43.050	N	0.200	W	3					7	PYRENEES. <STR>. ML 2.3 (STR), 2.2 (LDG).
09	10	00	40.5*	5.044	S	152.809	E	33	N	4.2		1.0	16	NEW BRITAIN REGION, P.N.G.
09	10	01	51.7&	38.800	N	20.480	E	56					5	GREECE. <ATH>. MD 3.1 (ATH).
09	10	32	51.1*	35.411	S	105.338	W	10	G	4.6	4.4	1.0	26	SOUTHERN EAST PACIFIC RISE
09	10	37	16.6	34.149	N	25.611	E	33	N	4.1		1.4	73	CRETE, GREECE. MD 4.4 (ATH).
09	10	39	12.2*	55.526	N	162.380	E	68	*	3.9		1.0	18	NEAR EAST COAST OF KAMCHATKA
09	10	48	09.6&	32.692	N	115.392	W	10		4.1			54	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 4.3 (PAS). Felt (IV) at Calexico and Heber; (III) at Brawley, El Centro, Holtville and Imperial, California. Also felt at Yuma, Arizona.
09	11	19	38.4&	38.340	N	21.980	E	5					8	GREECE. <ATH>. MD 3.2 (ATH).
09	11	45	37.6*	27.970	N	128.048	E	134		4.2		1.1	19	RYUKYU ISLANDS, JAPAN
09	11	53	10.4?	22.43	N	143.85	E	100	G			1.2	7	VOLCANO ISLANDS, JAPAN REGION
09	11	59	58.4*	30.185	N	94.996	E	33	N	3.5		1.0	9	XIZANG
09	12	00	10.7*	30.211	N	95.007	E	33	N	4.6		1.2	17	XIZANG
09	12	01	18.2&	40.268	N	121.188	W	4					14	NORTHERN CALIFORNIA. <NC-P>. MD 3.0 (NC). ML 3.0 (BRK).
09	12	41	55.4*	5.577	N	72.441	W	33	N	3.7		1.0	8	COLOMBIA
09	13	24	33.2&	60.361	N	147.493	W	4					30	SOUTHERN ALASKA. <AEIC>. ML 3.2 (AEIC), 3.4 (PMR).
09	14	06	26.6*	39.012	N	70.883	E	61	*	4.1		0.7	15	TAJIKISTAN

09	14	07	28.1?	28.04	N	113.10	W	10	G			0.6	5	BAJA CALIFORNIA, MEXICO
09	14	12	04.3	38.879	N	70.986	E	56	*	4.1		1.1	26	AFGHANISTAN-TAJIKISTAN BORD REG.
09	14	48	37.0*	60.966	S	25.772	W	33	N	4.3		0.7	8	SOUTH SANDWICH ISLANDS REGION
09	16	17	42.1*	41.339	N	114.476	E	33	N	4.2		1.4	14	NORTHEASTERN CHINA. ML 4.4 (BJI).
09	16	53	49.4	43.588	N	139.437	E	206	*	4.4		0.9	50	EASTERN SEA OF JAPAN
09	16	59	56.5*	34.685	N	119.994	E	33	N	4.1		1.4	10	SOUTHEASTERN CHINA
09	17	14	58.2&	34.670	S	70.756	W	103					12	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.6 (GUC).
09	18	15	39.7&	44.456	N	7.193	E	9					5	NORTHERN ITALY. <GEN>. ML 1.8 (GEN).
09	19	09	37.1*	23.742	N	47.049	W	10	G	3.8		0.6	10	NORTHERN MID-ATLANTIC RIDGE
09	20	30	27.1*	37.072	N	140.989	E	33	N	3.9		1.3	7	EASTERN HONSHU, JAPAN
09	21	05	24.1	54.759	N	162.560	E	53	*	4.0		1.1	26	NEAR EAST COAST OF KAMCHATKA
09	21	08	52.7	34.699	N	140.457	E	59	*	4.6	4.2	0.9	61	NEAR EAST COAST OF HONSHU, JAPAN. Felt in the Tokyo area. Recorded (1 JMA) in southern Chiba, eastern Kanagawa and eastern Shizuoka Prefectures. Also recorded (1 JMA) on Miyake-jima.
09	21	26	19.4&	39.010	N	21.750	E	16					7	GREECE. <ATH>. MD 3.2 (ATH).
09	21	30	40.1	36.184	N	139.860	E	80		4.9		0.8	148	EASTERN HONSHU, JAPAN. Felt in the Tokyo area. Recorded (4 JMA) in the epicentral area and (3 JMA) in Ibaraki, Tochigi, Tokyo, northern Chiba and eastern Saitama Prefectures. Recorded (1 JMA) as far as Fukushima and Nagano Prefectures.
09	21	48	57.1*	26.735	N	97.022	E	66	?	4.2		1.2	17	MYANMAR
09	22	45	47.2&	36.275	N	7.968	W	15					21	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.3 (MDD).
09	23	56	51.1?	37.35	N	73.53	E	33	N	4.3		1.3	9	TAJIKISTAN
10	00	34	10.0*	24.455	N	123.668	E	33	N	3.9		0.9	13	SOUTHWESTERN RYUKYU ISL., JAPAN. Recorded (3 JMA) on Iriomote-jima and (1 JMA) on Ishigaki-jima.
10	01	00	33.5&	32.994	S	69.740	W	138					13	MENDOZA PROVINCE, ARGENTINA. <GUC>. MD 2.8 (GUC).
10	01	02	51.8&	62.358	N	148.694	W	60					51	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC), 2.9 (PMR).
10	01	13	30.2	55.554	N	162.216	E	74		4.6		1.0	66	NEAR EAST COAST OF KAMCHATKA
10	01	33	41.3&	34.837	N	116.401	W	5					25	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.6 (PAS).
10	02	46	11.9&	38.180	S	176.020	E	299					12	NORTH ISLAND, NEW ZEALAND. <WEL>.
10	03	30	42.8&	31.923	S	71.303	W	46					13	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.5 (GUC).
10	03	42	40.6*	37.955	N	48.173	E	33	N	4.2		1.4	23	NORTHWESTERN IRAN
10	05	47	33.2	43.364	N	127.388	W	10	G	2.7		0.5	72	OFF COAST OF OREGON
10	06	34	44.0&	38.110	N	23.580	E	5					6	GREECE. <ATH>. ML 2.4 (ATH).
10	06	42	44.1	55.201	N	163.146	E	45		5.1	4.9	0.9	230	OFF EAST COAST OF KAMCHATKA. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 06:42:44.9; Lat 55.05 N; Lon 163.99 E; Dep 47.3; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=7.49, Plg=66, Azm=347; (N) Val=-1.12, Plg=17, Azm=214; (P) Val=-6.37, Plg=16, Azm=119; Best double couple: Mo=6.9*10**16 Nm; NP1: Strike=185, Dip=32, Slip=57; NP2: Strike=42, Dip=63, Slip=109.
10	08	37	40.3&	34.680	N	116.302	W	6	G				7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
10	09	19	41.0&	63.329	N	151.210	W	4					44	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC), 3.1 (PMR).
10	10	29	01.9&	35.351	S	71.457	W	84					9	CENTRAL CHILE. <GUC>. MD 3.2 (GUC). Felt (II) at Talca.
10	11	05	41.5&	60.077	N	153.114	W	123					87	SOUTHERN ALASKA. <AEIC>.
10	11	18	31.8	42.026	N	24.815	E	10	G			0.9	6	BULGARIA
10	11	26	55.0&	38.980	N	23.480	E	3					5	GREECE. <ATH>. ML 3.0 (ATH).
10	11	35	15.3&	18.955	N	64.231	W	84					10	VIRGIN ISLANDS. <RSPR>. MD 4.0 (RSPR).
10	12	59	58.9&	18.585	N	66.497	W	77					4	PUERTO RICO REGION. <RSPR>. MD 2.9 (RSPR).
10	13	05	29.6&	37.475	N	121.715	W	10					16	CENTRAL CALIFORNIA. <NC-P>. MD 3.1 (NC). ML 3.2 (BRK). Felt at Sunol.
10	13	09	32.9*	0.339	N	17.403	W	10	G	4.4		1.2	14	NORTH OF ASCENSION ISLAND
10	13	36	55.7&	18.757	N	67.482	W	7					4	MONA PASSAGE. <RSPR>. ML 3.2 (RSPR).
10	13	40	15.9*	8.922	S	120.855	E	135	?			1.0	11	FLORES REGION, INDONESIA
10	14	42	52.6*	4.932	N	127.382	E	33	N			0.9	7	TALAUD ISLANDS, INDONESIA
10	15	02	08.5*	30.228	N	88.176	E	33	N	3.7		0.5	5	XIZANG
10	15	49	46.7*	17.925	S	167.339	E	33	N	4.2		1.2	21	VANUATU ISLANDS
10	16	22	41.8*	17.810	S	178.840	W	600	G	4.4		0.5	16	FIJI ISLANDS REGION
10	16	26	09.2&	38.880	S	175.510	E	118					14	NORTH ISLAND, NEW ZEALAND. <WEL>.
10	16	56	00.1&	34.695	N	116.310	W	3					10	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS).
10	17	03	06.1&	34.129	N	117.478	W	13					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
10	17	29	55.4*	11.350	N	124.606	E	33	N			0.7	6	LEYTE, PHILIPPINES
10	18	14	46.5?	26.09	N	142.88	E	33	N	4.2		1.3	7	BONIN ISLANDS, JAPAN REGION
10	18	33	56.8&	60.477	N	152.553	W	104					60	SOUTHERN ALASKA. <AEIC>.
10	18	37	41.0	41.932	N	19.952	E	10	G			0.9	9	ALBANIA
10	18	39	48.3&	35.543	N	1.343	W	2					12	NORTHERN ALGERIA. <MDD>. mbLg 2.6 (MDD).
10	19	05	52.3*	23.357	N	142.427	E	100	G	4.2		1.1	12	VOLCANO ISLANDS, JAPAN REGION
10	19	06	00.9&	46.330	N	111.418	W	4					38	MONTANA. <BUT-P>. MD 3.0 (BUT). ML 3.2 (GS). Felt at Townsend.
10	19	35	44.3*	29.995	N	51.244	E	33	N	4.0		1.1	13	SOUTHERN IRAN
10	20	17	01.0	45.927	N	14.726	E	10	G			1.5	8	NORTHWESTERN BALKAN REGION. ML 1.9 (VIE). Felt (III) at Grosuplje, Slovenia.
10	21	01	20.6	9.167	N	83.990	W	33	N	4.7		1.0	52	COSTA RICA
10	21	13	21.3*	41.019	N	50.158	E	10	G	3.5		0.7	9	CASPIAN SEA
10	21	36	52.1*	41.088	N	50.604	E	10	G	3.9		1.2	11	CASPIAN SEA
10	22	03	53.1	8.225	S	79.919	W	33	N	4.4		1.1	27	NEAR COAST OF NORTHERN PERU
10	22	08	56.8&	18.665	N	66.804	W	25					6	PUERTO RICO REGION. <RSPR>. ML 3.8 (RSPR).
10	23	11	03.7&	46.546	N	1.031	E	2					6	FRANCE. <LDG>. ML 1.8 (LDG).
10	23	12	17.8&	44.256	N	7.204	E	9					6	NORTHERN ITALY. <GEN>. ML 1.8 (GEN).
10	23	34	50.2	54.495	N	162.428	E	60	*	4.2		1.0	28	NEAR EAST COAST OF KAMCHATKA
11	00	31	58.9*	46.050	N	14.792	E	10	G			0.2	5	NORTHWESTERN BALKAN REGION. ML 1.4 (VIE).
11	00	51	01.2*	31.883	S	68.301	W	100	G			1.0	14	SAN JUAN PROVINCE, ARGENTINA. MD 3.8 (GUC).
11	01	26	55.2*	50.478	N	157.702	E	33	N	4.3		1.4	15	KURIL ISLANDS
11	01	47	56.6&	49.164	N	6.876	E	1	G				11	GERMANY. <LDG>. ML 2.7 (LDG). Mining induced event in the Lorraine region, France.
11	02	31	50.9*	33.890	N	134.926	E	33	N	4.5		0.5	8	SHIKOKU, JAPAN. Recorded (3 JMA) in Wakayama Prefecture and (1 JMA) in southern Mie Prefecture, Honshu. Also recorded (1 JMA) in northeastern Shikoku.
11	03	14	13.1*	2.144	S	75.892	W	33	N	3.9		0.6	13	PERU-ECUADOR BORDER REGION
11	03	46	16.8	45.124	N	139.623	E	33	N	4.2		1.0	30	EASTERN SEA OF JAPAN
11	03	55	07.7&	39.080	S	174.770	E	203					15	NORTH ISLAND, NEW ZEALAND. <WEL>.

11	04	17	28.4*	54.013	N	161.572	E	60	*	3.5	1.1	19	NEAR EAST COAST OF KAMCHATKA
11	04	49	37.6&	59.415	N	152.582	W	79				26	SOUTHERN ALASKA. <AEIC>.
11	05	47	04.7*	15.499	S	71.279	W	148	*	4.2	1.2	33	SOUTHERN PERU
11	06	11	47.9&	15.365	N	60.776	W	54				10	LEEWARD ISLANDS. <FDF>. MD 2.3 (FDF).
11	06	20	58.0&	61.231	N	150.235	W	10				22	SOUTHERN ALASKA. <AEIC>. ML 3.0 (AEIC).
11	06	40	10.5&	14.834	N	60.474	W	47				12	WINDWARD ISLANDS. <FDF>. MD 2.4 (FDF).
11	06	41	11.5&	40.450	N	23.340	E	4				7	GREECE. <ATH>. MD 2.9 (ATH).
11	06	41	26.1	27.944	S	178.386	W	201	D	5.6	0.9	292	KERMADEC ISLANDS REGION. Mw 5.8 (GS), 5.8 (HRV). Moment Tensor (GS): Dep 180; Principal axes (scale 10**17 Nm): (T) Val=6.16, Plg=23, Azm=222; (N) Val=0.27, Plg=24, Azm=121; (P) Val=-6.43, Plg=55, Azm=350; Best double couple: Mo=6.3*10**17 Nm; NP1: Strike=350, Dip=31, Slip=-36; NP2: Strike=112, Dip=72, Slip=-116. Centroid, Moment Tensor (HRV): Centroid origin time 06:41:28.8; Lat 27.93 S; Lon 178.03 W; Dep 188.3; Half-duration 2.0 sec; Principal axes (scale 10**17 Nm): (T) Val=5.36, Plg=10, Azm=247; (N) Val=1.07, Plg=36, Azm=150; (P) Val=-6.43, Plg=53, Azm=351; Best double couple: Mo=5.9*10**17 Nm; NP1: Strike=12, Dip=47, Slip=-37; NP2: Strike=130, Dip=64, Slip=-130.
11	07	10	29.6	39.454	N	74.775	E	66		4.7	1.0	70	SOUTHERN XINJIANG, CHINA
11	07	20	56.6?	23.69	S	179.76	W	500	G	3.8	1.3	13	SOUTH OF FIJI ISLANDS
11	07	47	45.6&	36.562	N	120.602	W	16				8	CENTRAL CALIFORNIA. <NC-P>. MD 2.8 (NC).
11	08	04	16.3&	58.950	N	152.740	W	69				21	KODIAK ISLAND REGION, ALASKA. <AEIC>. ML 3.0 (AEIC).
11	08	13	40.0	31.739	S	70.034	W	118	D	4.3	0.9	63	CHILE-ARGENTINA BORDER REGION. MD 4.4 (GUC).
11	08	20	16.0&	36.184	N	117.918	W	1				25	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 3.2 (PAS).
11	09	09	03.8&	48.411	N	122.269	W	15				76	WASHINGTON. <SEA-P>. MD 3.2 (SEA). Felt at Arlington and Mount Vernon.
11	09	13	51.7	24.430	S	179.951	W	521	D	4.5	1.0	74	SOUTH OF FIJI ISLANDS
11	09	32	36.8	51.800	N	30.262	W	10	G	4.0	1.2	15	NORTHERN MID-ATLANTIC RIDGE
11	10	02	49.4*	16.192	S	167.933	E	200	G	4.6	1.1	17	VANUATU ISLANDS
11	10	11	01.9?	16.02	S	174.04	W	33	N	4.4	1.1	28	TONGA ISLANDS
11	10	46	59.9*	31.019	N	67.738	E	33	N	3.8	0.9	9	SOUTHEASTERN AFGHANISTAN
11	10	58	07.6?	55.04	N	142.83	W	10	G		0.7	7	GULF OF ALASKA
11	11	24	30.6	51.410	N	15.980	E	5	G	4.9	1.2	186	POLAND. ML 4.9 (WAR), 4.8 (FBB), 4.8 (FUR), 4.5 (VIE).
11	12	09	54.8	46.584	N	10.349	E	5	G		1.3	23	NORTHERN ITALY. ML 2.8 (LDG), 2.7 (VIE).
11	12	20	13.7&	36.003	N	117.871	W	3				11	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 2.8 (PAS).
11	12	40	46.0*	45.946	N	15.372	E	10	G		0.7	5	NORTHWESTERN BALKAN REGION. ML 1.2 (LJU).
11	13	35	44.8&	39.119	N	27.275	E	23				7	TURKEY. <ISK>. MD 3.2 (ISK).
11	14	04	06.9	22.179	S	179.629	W	602	D	4.5	0.9	48	SOUTH OF FIJI ISLANDS
11	14	05	30.7&	32.919	S	69.131	W	4				10	MENDOZA PROVINCE, ARGENTINA. <GUC>. MD 3.5 (GUC).
11	15	08	52.6	41.448	N	139.835	E	33	N	4.3	0.9	36	HOKKAIDO, JAPAN REGION
11	15	10	18.2*	23.652	S	66.410	W	218		3.9	1.1	17	JUJUY PROVINCE, ARGENTINA. Felt (III) at Calama, Chile.
11	15	15	53.2	42.386	N	24.000	E	10	G		1.1	8	BULGARIA
11	15	35	46.1*	21.444	N	144.426	E	200	G	3.7	0.9	14	MARIANA ISLANDS REGION
11	15	44	49.5&	43.160	N	0.590	W	2	G			7	PYRENEES. <STR>. ML 2.4 (STR). mbLg 2.1 (MDD).
11	16	40	37.1&	44.382	N	7.317	E	3				4	NORTHERN ITALY. <GEN>. ML 1.7 (GEN).
11	17	22	13.6&	38.380	N	22.000	E	21				9	GREECE. <ATH>. ML 3.0 (ATH).
11	17	25	43.8	46.348	N	15.070	E	10	G		1.3	10	NORTHWESTERN BALKAN REGION. ML 1.9 (VIE).
11	17	43	17.1*	5.442	S	152.237	E	33	N	3.9	1.0	10	NEW BRITAIN REGION, P.N.G.
11	18	05	13.6	35.598	N	140.346	E	88	*	4.5	1.3	73	NEAR EAST COAST OF HONSHU, JAPAN. Recorded (2 JMA) in northern Chiba and southeastern Ibaraki Prefectures.
11	18	12	45.0*	32.372	N	79.071	E	33	N	3.6	1.3	9	KASHMIR-XIZANG BORDER REGION
11	18	35	44.7	18.346	N	102.470	W	79	*	5.0 4.6	1.2	198	MICHOACAN, MEXICO. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 18:35:44.4; Lat 18.19 N; Lon 102.51 W; Dep 51.9; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=6.78, Plg=85, Azm=257; (N) Val=2.31, Plg=4, Azm=114; (P) Val=-9.09, Plg=3, Azm=23; Best double couple: Mo=7.9*10**16 Nm; NP1: Strike=109, Dip=42, Slip=84; NP2: Strike=297, Dip=48, Slip=95.
11	18	37	20.8&	38.680	S	176.310	E	88				9	NORTH ISLAND, NEW ZEALAND. <WEL>.
11	19	05	23.6&	47.741	N	7.564	E	20	G			9	SWITZERLAND. <LDG>. ML 1.7 (LDG), 1.7 (STR).
11	19	36	39.4	35.606	N	140.372	E	90	*	4.3	0.9	26	NEAR EAST COAST OF HONSHU, JAPAN
11	20	29	47.9&	14.969	N	61.312	W	151				5	WINDWARD ISLANDS. <FDF>. MD 2.5 (FDF).
11	20	56	59.5	15.568	S	173.333	W	55	D	5.7 5.2	0.9	260	TONGA ISLANDS. Mw 5.7 (GS), 5.7 (HRV). Moment Tensor (GS): Dep 58; Principal axes (scale 10**17 Nm): (T) Val=4.14, Plg=33, Azm=272; (N) Val=-0.98, Plg=25, Azm=164; (P) Val=-3.16, Plg=46, Azm=45; Best double couple: Mo=3.6*10**17 Nm; NP1: Strike=56, Dip=26, Slip=-17; NP2: Strike=161, Dip=83, Slip=-115. Centroid, Moment Tensor (HRV): Centroid origin time 20:57:06.4; Lat 15.24 S; Lon 172.89 W; Dep 61.0 Bdy; Half-duration 1.7 sec; Principal axes (scale 10**17 Nm): (T) Val=3.49, Plg=40, Azm=230; (N) Val=-0.05, Plg=15, Azm=333; (P) Val=-3.44, Plg=46, Azm=79; Best double couple: Mo=3.5*10**17 Nm; NP1: Strike=254, Dip=15, Slip=-169; NP2: Strike=154, Dip=87, Slip=-75.
11	21	54	56.5&	10.777	N	62.273	W	84				5	NEAR COAST OF VENEZUELA. <TRN>. MD 2.8 (TRN).
11	22	57	32.1&	36.421	N	2.645	W	1				6	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.0 (MDD).
11	22	58	00.1*	57.927	S	25.450	W	33	N	4.0	0.9	10	SOUTH SANDWICH ISLANDS REGION
12	00	01	30.8	43.352	N	47.094	E	10	G	4.1	1.2	24	EASTERN CAUCASUS. Felt (V) at Kizilyurt and Novyy Chirkey; (IV) at Dubki and Makhachkala.
12	00	09	32.4	49.663	N	155.863	E	49	D	4.1 3.8	1.3	28	KURIL ISLANDS
12	00	29	03.0*	55.274	N	160.571	W	65	*	2.9	0.9	9	ALASKA PENINSULA
12	01	08	31.4&	47.934	N	1.622	W	2				5	FRANCE. <LDG>. ML 2.4 (LDG).
12	01	08	42.5*	18.154	S	167.489	E	33	N		1.0	10	VANUATU ISLANDS
12	02	05	14.1&	10.489	N	62.066	W	17				5	NEAR COAST OF VENEZUELA. <TRN>. MD 3.4 (TRN).
12	02	20	27.6*	17.219	S	173.848	W	33	N	4.5	0.8	14	TONGA ISLANDS
12	03	18	10.5&	60.039	N	152.785	W	95				55	SOUTHERN ALASKA. <AEIC>.
12	03	40	03.8*	34.628	N	24.343	E	98	*	3.5	1.0	15	CRETE, GREECE. MD 3.6 (ATH).
12	03	43	45.7&	38.590	S	175.820	E	152				17	NORTH ISLAND, NEW ZEALAND. <WEL>.
12	04	33	42.7*	23.725	S	178.902	E	617	?	4.4	0.9	22	SOUTH OF FIJI ISLANDS

12	05	29	40.4	31.465	S	68.000	W	33	N	4.2		1.2	23	SAN JUAN PROVINCE, ARGENTINA
12	07	22	06.1	17.962	S	178.327	W	649	?	4.2		0.7	59	FIJI ISLANDS REGION
12	07	22	41.4?	17.84	S	178.31	W	624	?	4.3		1.1	26	FIJI ISLANDS REGION
12	08	11	32.8	33.772	N	136.722	E	395		4.4		0.8	74	NEAR S. COAST OF WESTERN HONSHU
12	08	14	10.0*	11.654	N	88.176	W	33	N	4.5	3.6	1.3	45	OFF COAST OF CENTRAL AMERICA
12	08	14	25.0?	14.91	S	167.46	E	141	?	3.9		0.9	10	VANUATU ISLANDS
12	08	20	13.6*	32.919	N	49.461	E	52	?	4.7		1.4	25	WESTERN IRAN
12	09	02	56.0	57.970	S	25.333	W	33	N	4.5		0.8	21	SOUTH SANDWICH ISLANDS REGION
12	09	07	59.0	20.001	S	169.822	E	240		4.6		1.0	45	VANUATU ISLANDS
12	09	31	25.9	50.900	N	156.414	E	120		4.2		1.1	57	KURIL ISLANDS. Felt (II) at Severo-Kurilsk.
12	10	57	47.9&	40.453	N	124.421	W	26					7	NEAR COAST OF NORTHERN CALIF. <NC-P>. MD 2.8 (NC).
12	12	12	59.0	19.479	S	169.215	E	149	D	4.8		1.0	102	VANUATU ISLANDS
12	12	24	05.0&	42.340	S	173.120	E	5					9	SOUTH ISLAND, NEW ZEALAND. <WEL>. ML 3.4 (WEL).
12	12	30	01.5&	36.785	N	2.949	W	11					5	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.0 (MDD).
12	13	40	57.0*	37.330	N	71.947	E	201	*	3.4		0.6	11	AFGHANISTAN-TAJIKISTAN BORD REG.
12	13	50	32.8?	19.54	S	173.57	W	33	N	4.5		1.3	13	TONGA ISLANDS
12	14	09	58.3&	38.490	S	178.140	E	5					6	OFF E. COAST OF N. ISLAND, N.Z. <WEL>. ML 3.9 (WEL).
12	14	56	01.5	0.974	N	125.888	E	33	N	4.5		1.4	22	NORTHERN MOLUCCA SEA
12	15	12	40.0	51.569	N	16.187	E	5	G			0.4	10	POLAND. ML 3.3 (VIE).
12	16	41	26.2&	61.555	N	149.601	W	26					13	SOUTHERN ALASKA. <AEIC>. ML 3.1 (PMR).
12	16	46	07.5&	10.976	N	62.076	W	69					14	NEAR COAST OF VENEZUELA. <TRN>. MD 4.3 (FDF), 3.9 (TRN).
12	17	30	44.8&	40.100	S	174.810	E	5					12	COOK STRAIT, NEW ZEALAND. <WEL>. ML 3.6 (WEL).
12	17	54	22.9*	7.761	S	107.766	E	33	N	4.4		1.3	37	JAWA, INDONESIA
12	18	16	21.8&	44.410	N	7.239	E	12					16	NORTHERN ITALY. <GEN>. ML 2.3 (GEN), 2.0 (LDG).
12	19	01	29.4&	38.690	N	26.450	E	18					11	AEGEAN SEA. <ATH>. MD 3.7 (ATH).
12	19	04	03.2&	35.675	N	31.986	E	25					5	CYPRUS REGION. <CSS>. ML 2.8 (CSS).
12	19	14	41.6*	15.199	S	173.648	W	33	N	4.4		0.6	19	TONGA ISLANDS
12	20	20	00.9	15.637	N	60.456	W	33	N	4.5	3.8	1.1	64	LEEWARD ISLANDS. MD 3.9 (FDF), 3.9 (TRN). Felt (III) on Martinique.
12	20	21	15.5&	46.257	N	6.802	E	2					4	SWITZERLAND. <LDG>. ML 1.9 (LDG).
12	20	56	20.4?	14.87	S	167.27	E	155	?	4.4		1.0	18	VANUATU ISLANDS
12	21	18	55.4?	51.24	N	176.97	W	33	N			1.6	6	ANDREANOF ISLANDS, ALEUTIAN IS.
12	21	30	08.3&	36.638	N	3.331	W	0	G				13	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.0 (MDD).
12	21	42	12.4	45.901	N	15.102	E	10	G			0.2	6	NORTHWESTERN BALKAN REGION. ML 1.3 (VIE), 0.9 (LJU).
12	21	51	31.1	40.131	N	142.291	E	33	N	5.1	4.4	0.8	177	NEAR EAST COAST OF HONSHU, JAPAN. Mw 5.1 (HRV). Recorded (2 JMA) in Iwate and southeastern Aomori Prefectures. Centroid, Moment Tensor (HRV): Centroid origin time 21:51:37.8; Lat 39.68 N; Lon 142.34 E; Dep 48.2; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=3.37, Plg=66, Azm=190; (N) Val=2.05, Plg=24, Azm=13; (P) Val=-5.42, Plg=1, Azm=283; Best double couple: Mo=4.4*10**16 Nm; NP1: Strike=350, Dip=49, Slip=57; NP2: Strike=214, Dip=51, Slip=122.
12	22	19	00.9*	4.742	S	139.483	E	33	N	4.2		1.0	14	IRIAN JAYA, INDONESIA
12	22	21	30.0&	50.530	N	130.280	W	10	G				12	VANCOUVER ISLAND, CANADA REGION. <PGC-P>. ML 3.2 (PGC).
12	23	30	58.8*	40.172	N	142.765	E	33	N	3.2		1.3	11	NEAR EAST COAST OF HONSHU, JAPAN
12	23	38	24.8*	40.541	N	47.044	E	33	N	3.8		1.4	10	EASTERN CAUCASUS
13	00	40	46.9?	8.84	S	124.51	E	33	N	4.4		1.4	8	TIMOR REGION
13	02	10	45.1&	37.251	N	3.716	W	0	G				5	SPAIN. <MDD>. mbLg 1.7 (MDD).
13	02	49	57.1&	38.580	S	178.360	E	33	N				8	OFF E. COAST OF N. ISLAND, N.Z. <WEL>. ML 4.7 (WEL). Felt at Gisborne.
13	03	26	22.4&	36.004	N	117.869	W	3					10	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 2.8 (PAS).
13	04	51	47.1	10.008	S	77.621	W	89	D	4.4		0.6	28	NEAR COAST OF PERU. Felt (IV) at Huarmey.
13	05	18	16.1*	2.602	N	126.745	E	33	N	4.6		0.5	7	NORTHERN MOLUCCA SEA
13	05	29	13.6&	35.420	N	23.820	E	5					4	CRETE, GREECE. <ATH>. MD 3.3 (ATH).
13	06	17	06.4&	63.233	N	150.935	W	1					10	CENTRAL ALASKA. <AEIC>. ML 2.2 (AEIC), 2.7 (PMR).
13	06	21	37.4?	16.76	N	94.02	W	73	D	3.7		1.2	12	OAXACA, MEXICO
13	07	11	00.6&	38.140	N	20.480	E	5					5	GREECE. <ATH>. MD 2.9 (ATH).
13	07	24	43.3&	39.610	N	20.870	E	16					5	GREECE-ALBANIA BORDER REGION. <ATH>. MD 2.9 (ATH).
13	08	07	53.5	51.675	N	16.133	E	5	G			0.8	19	POLAND. ML 3.7 (VIE).
13	09	25	11.1*	33.253	N	137.682	E	354		3.6		0.9	20	NEAR S. COAST OF HONSHU, JAPAN
13	12	18	45.0&	33.939	S	71.490	W	47					9	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.7 (GUC).
13	12	34	18.8*	38.407	N	73.267	E	126	*	4.2		1.0	19	TAJIKISTAN-XINJIANG BORDER REG.
13	13	12	53.7?	10.28	N	126.55	E	33	N	5.2	5.0	1.1	137	PHILIPPINE ISLANDS REGION. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 13:12:56.1; Lat 10.11 N; Lon 126.58 E; Dep 16.7; Half-duration 1.3 sec; Principal axes (scale 10**17 Nm): (T) Val=1.34, Plg=64, Azm=251; (N) Val=-0.10, Plg=10, Azm=2; (P) Val=-1.24, Plg=23, Azm=97; Best double couple: Mo=1.3*10**17 Nm; NP1: Strike=206, Dip=24, Slip=116; NP2: Strike=358, Dip=69, Slip=79.
13	14	26	08.4&	36.817	N	3.112	W	0	G				13	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.6 (MDD).
13	15	02	20.5&	35.040	N	26.050	E	5					4	CRETE, GREECE. <ATH>. MD 3.7 (ATH).
13	15	26	09.1&	60.247	N	147.269	W	1					19	SOUTHERN ALASKA. <AEIC>. ML 2.8 (AEIC).
13	15	35	31.5&	60.294	N	147.241	W	3					13	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
13	15	54	21.2&	43.091	N	0.375	W	12	G				16	PYRENEES. <LDG>. ML 2.9 (LDG), 2.3 (STR). mbLg 2.5 (MDD).
13	15	54	22.1*	15.985	N	95.249	W	55	?	4.9	4.7	1.3	134	NEAR COAST OF OAXACA, MEXICO. Mw 5.1 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 15:54:19.1; Lat 15.95 N; Lon 95.69 W; Dep 40.8; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=5.71, Plg=9, Azm=63; (N) Val=-1.04, Plg=39, Azm=325; (P) Val=-4.67, Plg=50, Azm=164; Best double couple: Mo=5.2*10**16 Nm; NP1: Strike=189, Dip=49, Slip=-34; NP2: Strike=303, Dip=65, Slip=-134.
13	16	06	59.1	49.093	N	6.701	E	10	G			0.9	14	GERMANY. ML 3.0 (LDG). Mining induced event in the Lorraine region, France.
13	17	52	47.0&	62.100	N	151.945	W	109					13	CENTRAL ALASKA. <AEIC>.
13	18	17	31.7	42.409	N	105.813	W	5	G	2.9		0.8	9	WYOMING. ML 3.3 (GS).
13	18	30	08.4*	44.272	N	13.408	E	10	G			1.3	25	ADRIATIC SEA. ML 2.5 (TRI).
13	18	44	19.0*	19.640	N	63.291	W	33	N	4.2		1.1	22	LEEWARD ISLANDS. MD 4.1 (FDF), 3.8 (TRN).
13	19	03	09.7&	32.483	S	69.953	W	133					7	MENDOZA PROVINCE, ARGENTINA. <GUC>. MD 2.9 (GUC).
13	20	19	09.7&	44.408	N	7.248	E	11					25	NORTHERN ITALY. <GEN>. ML 2.7 (GEN), 2.4 (LDG), 2.1 (STR).
13	20	51	14.0	10.243	N	126.618	E	33	N	4.6		1.2	47	PHILIPPINE ISLANDS REGION

13	20	54	14.0	10.301	N	126.523	E	33	N	5.6 5.8	1.1	159	PHILIPPINE ISLANDS REGION. Mw 5.9 (GS), 5.9 (HRV). Me 6.0 (GS). Broadband Source Parameters (GS): Dep 5; NP1: Strike=355, Dip=79, Slip=90; NP2: Strike=175, Dip=11, Slip=90; Radiated energy 2.2*10**13 Nm. Moment Tensor (GS): Dep 4; Principal axes (scale 10**17 Nm): (T) Val=9.09, Plg=52, Azm=269; (N) Val=0.30, Plg=11, Azm=13; (P) Val=-9.39, Plg=36, Azm=111; Best double couple: Mo=9.2*10**17 Nm; NP1: Strike=247, Dip=13, Slip=144; NP2: Strike=12, Dip=82, Slip=79. Centroid, Moment Tensor (HRV): Centroid origin time 20:54:17.2; Lat 10.13 N; Lon 126.64 E; Dep 15.0 Bdy; Half-duration 2.1 sec; Principal axes (scale 10**17 Nm): (T) Val=7.44, Plg=65, Azm=265; (N) Val=0.20, Plg=0, Azm=175; (P) Val=-7.64, Plg=25, Azm=84; Best double couple: Mo=7.5*10**17 Nm; NP1: Strike=174, Dip=20, Slip=89; NP2: Strike=355, Dip=70, Slip=90.
13	21	21	22.7	10.261	N	126.629	E	33	N	4.8	1.3	69	PHILIPPINE ISLANDS REGION
13	21	39	59.9?	10.32	N	126.47	E	33	N	3.7	1.0	7	PHILIPPINE ISLANDS REGION
13	21	45	54.4?	5.66	S	147.95	E	33	N	4.0	1.4	8	EASTERN NEW GUINEA REG., P.N.G.
13	21	59	51.8&	59.884	N	152.887	W	109				29	SOUTHERN ALASKA. <AEIC>.
13	22	45	16.4	11.447	N	125.715	E	33	N	4.7 3.9	1.3	64	SAMAR, PHILIPPINES
13	22	54	19.2	32.306	S	70.485	W	104		4.4	1.0	30	CHILE-ARGENTINA BORDER REGION. MD 4.3 (GUC). Felt (IV) at La Ligua; (III) at Limache, Los Andes, Papudo, Quillota and San Felipe; (II) at Santiago, Chile.
14	00	14	34.9&	10.770	N	61.422	W	41				4	TRINIDAD. <TRN>. MD 2.2 (TRN).
14	00	18	40.3	10.279	N	126.336	E	65	*	4.8	1.1	66	PHILIPPINE ISLANDS REGION
14	00	32	07.3	10.247	N	126.342	E	67	*	4.7	1.1	32	PHILIPPINE ISLANDS REGION
14	01	09	05.4*	10.191	N	126.697	E	33	N	4.0	1.0	12	PHILIPPINE ISLANDS REGION
14	01	36	37.4	24.317	N	122.471	E	58	*	4.4	1.3	44	TAIWAN REGION. Recorded (2 TAP) at Hua-lien and I-lan; (1 TAP) at Taipei. Also recorded (1 JMA) on Iriomote-jima, Ryukyu Islands.
14	01	51	53.6*	5.911	N	125.867	E	181	*		1.3	12	MINDANAO, PHILIPPINES
14	02	41	44.8&	40.370	S	176.360	E	66				7	NORTH ISLAND, NEW ZEALAND. <WEL>.
14	02	58	35.8&	36.599	N	9.613	W	16				23	WEST OF GIBRALTAR. <MDD>. mbLg 2.7 (MDD).
14	03	03	31.1*	36.495	N	71.254	E	113	*	3.7	1.1	12	AFGHANISTAN-TAJIKISTAN BORD REG.
14	03	05	54.1&	39.210	S	174.630	E	12				8	NORTH ISLAND, NEW ZEALAND. <WEL>. ML 3.3 (WEL).
14	03	54	20.0&	39.760	N	86.750	W	5	G			23	INDIANA. <SLM-P>. mbLg 3.6 (SLM), 3.6 (GS). Felt at Avon, Bainbridge, Coatesville, Crawfordsville, Danville, Fillmore, Greencastle, Indianapolis, Lebanon, Monrovia, Pittsboro, Reelsville, Roachdale and Shelbyville.
14	04	42	00.1&	41.050	S	174.380	E	67				14	COOK STRAIT, NEW ZEALAND. <WEL>.
14	05	16	24.4*	14.331	S	167.033	E	33	N		1.3	21	VANUATU ISLANDS
14	05	43	52.8*	45.821	N	15.152	E	10	G		0.2	5	NORTHWESTERN BALKAN REGION. ML 1.9 (VIE), 1.2 (LJU).
14	05	56	44.8&	15.368	N	61.065	W	123				5	LEEWARD ISLANDS. <FDF>. MD 2.4 (FDP).
14	06	00	46.0*	18.555	N	62.685	W	83	*	3.9	0.8	11	LEEWARD ISLANDS. MD 3.6 (TRN).
14	06	12	48.4&	60.259	N	152.669	W	78				54	SOUTHERN ALASKA. <AEIC>.
14	06	15	57.1*	52.596	S	19.154	E	10	G	4.2	1.0	10	SOUTHWEST OF AFRICA
14	06	22	50.4*	44.427	N	81.654	E	33	N	4.0	0.4	7	NORTHERN XINJIANG, CHINA
14	06	42	25.4&	34.718	N	33.078	E	10				5	CYPRUS REGION. <CSS>. ML 2.8 (CSS).
14	06	54	28.1	42.786	N	17.428	E	10	G		0.8	13	ADRIATIC SEA
14	07	01	58.5*	20.833	S	175.693	W	157	?	4.5	1.0	33	TONGA ISLANDS
14	07	08	39.2*	42.643	N	17.338	E	10	G		1.3	10	ADRIATIC SEA
14	07	33	10.0&	44.815	N	7.189	E	10				5	NORTHERN ITALY. <GEN>. ML 1.7 (GEN).
14	09	15	06.2*	45.135	N	14.039	E	10	G		1.2	10	NORTHWESTERN BALKAN REGION. ML 3.0 (VIE), 2.5 (TRI).
14	09	31	06.5*	7.579	N	72.782	W	184	*	3.8	0.8	32	NORTHERN COLOMBIA
14	09	33	48.5&	59.290	N	153.373	W	106				75	SOUTHERN ALASKA. <AEIC>.
14	09	54	09.4&	35.810	N	27.190	E	9				5	DODECANESE ISLANDS, GREECE. <ATH>. MD 3.6 (ATH).
14	10	02	26.0&	40.024	N	28.750	E	20				6	TURKEY. <ISK>. MD 2.8 (ISK).
14	10	03	10.4&	47.028	N	6.875	E	2				6	FRANCE. <LDG>. ML 2.3 (LDG).
14	11	32	00.8*	4.073	N	128.374	E	33	N	4.3	1.0	10	NORTH OF HALMAHERA, INDONESIA
14	11	34	47.3*	51.529	N	16.114	E	5	G		0.6	9	POLAND. ML 3.4 (VIE).
14	11	40	08.1*	52.480	S	19.203	E	10	G	4.7	1.3	12	SOUTHWEST OF AFRICA
14	11	42	51.5*	4.058	S	153.164	E	58	?	4.1	0.9	13	NEW IRELAND REGION, P.N.G.
14	11	59	51.1?	2.99	S	79.57	W	54	D	4.1	0.6	8	NEAR COAST OF ECUADOR
14	12	21	52.8?	52.88	S	19.39	E	10	G		1.0	5	SOUTHWEST OF AFRICA
14	12	22	31.7&	37.983	N	122.043	W	16				16	CENTRAL CALIFORNIA. <NC-P>. Mw 3.3 (BRK). MD 3.3 (NC). ML 3.3 (BRK). Felt at Concord, Petaluma and Pleasant Hill. Moment Tensor (BRK): Dep 11; Principal axes (scale 10**13 Nm): (T) Val=9.31, Plg=13, Azm=95; (N) Val=0.00, Plg=67, Azm=219; (P) Val=-9.31, Plg=19, Azm=1; Best double couple: Mo=9.3*10**13 Nm; NP1: Strike=47, Dip=86, Slip=-23; NP2: Strike=139, Dip=67, Slip=-176.
14	12	53	23.5	34.118	N	139.130	E	33	N	4.4 3.6	1.0	47	NEAR S. COAST OF HONSHU, JAPAN. Recorded (4 JMA) on Kozu-shima and (3 JMA) on Miyake-jima.
14	13	04	08.5*	34.161	N	139.120	E	33	N	4.1	1.1	21	NEAR S. COAST OF HONSHU, JAPAN. Recorded (2 JMA) on Kozu-shima and (1 JMA) on Miyake-jima.
14	13	14	56.9&	44.343	N	7.353	E	16				7	NORTHERN ITALY. <GEN>. ML 1.9 (GEN).
14	13	44	05.9	3.223	S	139.170	E	64	D	4.7	1.2	45	IRIAN JAYA, INDONESIA
14	14	35	58.0?	16.56	N	46.05	W	10	G	4.3	1.1	7	NORTHERN MID-ATLANTIC RIDGE
14	14	44	51.6&	33.405	S	70.612	W	82				9	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.6 (GUC).
14	15	32	56.1?	27.56	N	111.54	W	10	G		1.4	9	GULF OF CALIFORNIA
14	16	16	28.7*	15.633	S	70.711	W	162	?	3.2	0.9	7	SOUTHERN PERU
14	17	06	26.7?	38.41	S	175.76	E	218	?		0.4	18	NORTH ISLAND, NEW ZEALAND
14	17	41	10.1	33.656	N	135.308	E	35	D	5.0 4.4	1.0	135	NEAR S. COAST OF WESTERN HONSHU. Mw 5.1 (HRV). Recorded (3 JMA) in Wakayama and southern Mie Prefectures; (2 JMA) on Awaji-shima and in northeastern Shikoku. Also recorded (2 JMA) in northern Nara Prefecture. Centroid, Moment Tensor (HRV): Centroid origin time 17:41:13.0; Lat 33.88 N; Lon 134.82 E; Dep 35.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=4.37, Plg=0, Azm=209; (N) Val=0.06, Plg=46, Azm=119; (P) Val=-4.44, Plg=44, Azm=299; Best double couple:

									Mo=4.4*10**16 Nm; NP1: Strike=335, Dip=61, Slip=-34; NP2: Strike=83, Dip=61, Slip=-146.
14	17 49 25.6&	37.604 N	121.971 W	10				18	CENTRAL CALIFORNIA. <NC-P>. MD 3.0 (NC). ML 3.2 (BRK). Felt at Castro Valley, Fremont, Hayward, Milpitas, Moraga, Newark, Pleasanton, San Ramon and Union City.
14	18 00 45.2	45.921 N	15.440 E	10 G			1.1	10	NORTHWESTERN BALKAN REGION. ML 2.4 (VIE), 1.8 (LJU).
14	18 02 22.5&	61.455 N	149.861 W	39				36	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
14	19 00 58.1*	45.929 N	15.482 E	10 G			0.3	6	NORTHWESTERN BALKAN REGION. ML 1.6 (VIE), 1.2 (LJU).
14	19 18 56.4	34.792 N	33.028 E	10 G			0.5	7	CYPRUS REGION. ML 2.9 (CSS).
14	20 20 12.5	45.935 N	15.421 E	10 G			0.6	10	NORTHWESTERN BALKAN REGION. ML 2.0 (VIE), 1.8 (LJU).
14	20 26 43.4?	36.25 N	140.37 E	33 N	4.4		1.5	9	NEAR EAST COAST OF HONSHU, JAPAN. Recorded (2 JMA) in Ibaraki and Tochigi Prefectures.
14	20 36 23.2*	52.660 S	18.775 E	10 G	4.4		1.3	19	SOUTHWEST OF AFRICA
14	20 51 15.7&	45.950 N	2.790 E	9				10	FRANCE. <STR>. ML 2.1 (STR). MD 2.1 (LDG).
14	21 39 37.3	38.741 N	143.232 E	33 N	4.7	3.9	1.0	77	OFF EAST COAST OF HONSHU, JAPAN
14	22 55 01.9&	59.609 N	153.064 W	99	3.0			78	SOUTHERN ALASKA. <AEIC>.
14	23 06 30.6&	34.777 S	70.434 W	133				9	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.9 (GUC).
15	00 10 26.5&	44.399 N	7.219 E	13				6	NORTHERN ITALY. <GEN>. ML 1.8 (GEN).
15	00 11 55.9&	44.393 N	7.197 E	13				7	NORTHERN ITALY. <GEN>. ML 2.0 (GEN).
15	00 51 49.1	15.112 S	173.731 W	33 N	4.8	4.7	0.9	64	TONGA ISLANDS. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 00:51:54.1; Lat 15.11 S Fix; Lon 173.73 W Fix; Dep 30.8; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=6.36, Plg=45, Azm=178; (N) Val=1.59, Plg=6, Azm=82; (P) Val=-7.95, Plg=45, Azm=346; Best double couple: Mo=7.2*10**16 Nm; NP1: Strike=352, Dip=6, Slip=0; NP2: Strike=262, Dip=90, Slip=96.
15	00 58 51.8?	31.57 S	68.46 W	200 G			1.2	11	SAN JUAN PROVINCE, ARGENTINA. MD 3.8 (GUC).
15	01 06 19.5*	60.599 S	26.495 W	33 N	4.6		1.4	14	SOUTH SANDWICH ISLANDS REGION
15	01 45 07.5*	17.076 N	99.969 W	57 ?	4.0		1.0	35	GUERRERO, MEXICO
15	04 17 20.8&	32.417 S	71.421 W	40				17	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.5 (GUC).
15	04 48 21.4*	0.930 S	135.883 E	33 N	4.6	4.2	1.0	20	IRIAN JAYA REGION, INDONESIA
15	05 12 41.8&	34.052 N	116.462 W	6				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
15	06 26 53.3	42.975 N	146.714 E	53 *	4.5	3.9	0.9	63	OFF COAST OF HOKKAIDO, JAPAN. Recorded (1 JMA) in eastern Hokkaido.
15	06 40 02.9*	18.497 N	104.074 W	33 N	4.1		1.1	35	NEAR COAST OF JALISCO, MEXICO
15	07 14 01.4	15.501 S	74.466 W	59 D	4.6		0.7	52	NEAR COAST OF PERU. Felt (III) at Nazca.
15	07 15 22.6	43.072 N	47.064 E	33 N	3.9		1.2	12	EASTERN CAUCASUS. Felt (IV) at Dubki and (III) at Makhachkala.
15	07 43 28.5&	38.020 N	23.640 E	14				5	GREECE. <ATH>. ML 2.1 (ATH).
15	07 48 32.7&	37.270 N	20.610 E	5				5	IONIAN SEA. <ATH>. MD 3.0 (ATH).
15	07 50 56.9*	51.030 N	15.863 E	5 G			1.1	8	POLAND. ML 3.0 (VIE).
15	08 45 03.6*	4.864 S	144.839 E	87 *	4.0		0.9	10	NEAR N COAST OF NEW GUINEA, PNG.
15	09 15 17.2*	22.418 N	144.046 E	100 G	4.2		1.2	16	VOLCANO ISLANDS, JAPAN REGION
15	09 32 33.1	32.962 N	95.480 E	33 N	4.9	4.7	1.3	92	XIZANG. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 09:32:38.8; Lat 32.85 N; Lon 95.65 E; Dep 33.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=9.38, Plg=12, Azm=313; (N) Val=-2.44, Plg=67, Azm=191; (P) Val=-6.94, Plg=18, Azm=48; Best double couple: Mo=8.2*10**16 Nm; NP1: Strike=90, Dip=68, Slip=-4; NP2: Strike=181, Dip=86, Slip=-158.
15	09 35 44.0&	38.090 N	23.810 E	8				10	GREECE. <ATH>. MD 2.9 (ATH).
15	09 41 24.3&	38.030 N	23.830 E	2				4	GREECE. <ATH>. ML 2.1 (ATH).
15	09 52 11.3*	32.148 N	49.326 E	33 N	4.4		1.1	14	WESTERN IRAN
15	11 03 32.7*	40.592 N	27.942 E	10 G			1.3	18	TURKEY. MD 4.0 (ATH).
15	11 41 25.4?	17.83 N	103.46 W	33 N	3.8		0.9	8	NEAR COAST OF MICHOACAN, MEXICO
15	14 14 27.3*	52.726 S	18.394 E	10 G	4.4		1.1	15	SOUTHWEST OF AFRICA
15	15 12 46.8&	48.010 N	6.546 E	20				8	FRANCE. <LDG>. MD 2.4 (LDG).
15	15 19 10.9&	38.080 N	23.770 E	5				4	GREECE. <ATH>. ML 2.0 (ATH).
15	16 07 44.9*	17.527 S	69.325 W	158 *	4.0		0.5	6	PERU-BOLIVIA BORDER REGION
15	16 53 12.5?	31.39 S	69.10 W	200 G			1.1	8	SAN JUAN PROVINCE, ARGENTINA. MD 3.7 (GUC).
15	17 26 31.1&	40.060 N	19.740 E	11	3.4			16	ALBANIA. <ATH>. MD 3.9 (ATH).
15	17 40 14.7*	13.174 S	167.146 E	214 D	4.6		1.2	61	VANUATU ISLANDS
15	18 09 32.7	1.669 N	127.497 E	100 G	4.8		1.3	17	HALMAHERA, INDONESIA
15	18 38 37.6&	40.920 S	174.770 E	53				13	COOK STRAIT, NEW ZEALAND. <WEL>.
15	19 24 20.0&	60.420 N	152.492 W	110				36	SOUTHERN ALASKA. <AEIC>.
15	19 45 11.8&	15.451 N	60.468 W	114				14	LEEWARD ISLANDS. <TRN>. MD 3.5 (TRN).
15	20 43 06.2	23.216 N	124.850 E	33 N	4.1		0.5	11	SOUTHWESTERN RYUKYU ISL., JAPAN
15	21 13 19.9	52.238 N	170.309 E	33 N	4.7		1.0	84	NEAR ISLANDS, ALEUTIAN ISLANDS. ML 4.8 (PMR).
15	21 28 12.3	46.021 N	14.789 E	10 G			1.0	10	NORTHWESTERN BALKAN REGION. ML 2.3 (VIE).
15	21 49 09.7*	50.273 N	18.925 E	5 G			0.8	7	POLAND. ML 3.1 (VIE), 2.7 (CLL).
15	22 10 53.7&	36.002 N	117.879 W	3				9	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 2.8 (PAS).
15	22 13 19.3*	16.291 S	73.563 W	67 ?	4.3		1.3	10	NEAR COAST OF PERU
15	23 28 51.5*	13.057 N	89.808 W	33 N	4.2		1.1	25	EL SALVADOR. Felt (II) at San Salvador.
16	00 10 55.0*	11.651 N	142.296 E	33 N			1.1	10	SOUTH OF MARIANA ISLANDS
16	00 22 41.7?	11.33 S	118.03 E	33 N			1.3	7	SOUTH OF SUMBAWA, INDONESIA
16	00 32 11.0?	17.53 S	172.91 W	10 G	4.2		1.1	12	TONGA ISLANDS REGION
16	00 49 51.6&	36.190 N	120.262 W	11				13	CENTRAL CALIFORNIA. <NC-P>. MD 2.9 (NC). ML 3.2 (PAS).
16	01 12 33.6	18.731 N	145.420 E	205 D	4.5		0.8	75	MARIANA ISLANDS
16	01 15 57.9&	34.795 N	116.269 W	4				34	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.9 (PAS).
16	01 40 48.2?	52.61 S	18.58 E	10 G	4.4		1.0	9	SOUTHWEST OF AFRICA
16	01 59 11.1*	23.062 S	66.547 W	227 ?	3.7		1.2	13	JUJUY PROVINCE, ARGENTINA
16	02 45 43.4*	42.341 N	126.804 W	10 G	3.0		0.8	13	OFF COAST OF OREGON
16	03 21 12.0	51.438 N	6.656 E	5 G			1.2	17	GERMANY. ML 2.8 (LDG).
16	03 28 31.6*	17.482 S	178.823 W	550 G	4.0		0.9	37	FIJI ISLANDS REGION
16	04 31 51.3*	21.188 S	179.168 W	600 G	3.6		1.1	19	FIJI ISLANDS REGION
16	04 47 01.1*	55.025 N	161.533 W	58 *	2.7		0.7	11	ALASKA PENINSULA
16	05 28 36.6?	43.79 N	147.40 E	128 ?	3.7		0.4	8	KURIL ISLANDS
16	05 45 53.7?	9.84 S	165.48 E	33 N	4.2		1.3	9	SANTA CRUZ ISLANDS
16	06 24 01.6&	34.741 N	33.125 E	5				7	CYPRUS REGION. <CSS>. ML 2.9 (CSS).
16	06 30 10.7*	27.070 N	61.711 E	33 N	3.9		0.9	19	SOUTHERN IRAN
16	06 39 37.6&	38.080 N	24.200 E	2				5	AEGEAN SEA. <ATH>. MD 2.8 (ATH).

16	06	39	52.1?	52.33	S	18.82	E	10	G		0.8	7	SOUTHWEST OF AFRICA
16	07	50	10.6&	34.943	N	33.819	E	30				6	CYPRUS REGION. <CSS>. ML 2.4 (CSS).
16	07	58	52.4*	4.072	S	121.941	E	33	N	4.0	1.4	16	SULAWESI, INDONESIA
16	08	13	27.5?	42.54	N	126.22	W	10	G	2.7	0.4	15	OFF COAST OF OREGON
16	08	50	53.1&	31.726	S	70.594	W	118				9	CHILE-ARGENTINA BORDER REGION. <GUC>.
16	09	04	11.6&	44.391	N	7.313	E	6				4	NORTHERN ITALY. <GEN>. ML 1.5 (GEN).
16	09	34	03.7*	28.542	N	112.886	W	10	G	3.8	1.5	28	GULF OF CALIFORNIA
16	10	06	49.0?	20.71	S	177.66	W	500	G	3.8	1.5	12	FIJI ISLANDS REGION
16	11	25	12.3*	3.964	N	128.539	E	33	N	4.3	1.2	14	NORTH OF HALMAHERA, INDONESIA
16	11	40	37.0*	24.671	N	92.443	E	33	N	3.8	1.2	5	INDIA-BANGLADESH BORDER REGION. Felt in the epicentral area.
16	11	47	10.2*	46.243	N	149.069	E	202	?	4.0	0.7	14	KURIL ISLANDS
16	12	35	04.8	6.776	N	73.024	W	157	D	4.1	0.9	47	NORTHERN COLOMBIA
16	12	52	31.1&	44.414	N	7.255	E	9				21	NORTHERN ITALY. <GEN>. ML 2.4 (GEN), 2.2 (LDG), 2.0 (STR).
16	12	52	52.6&	44.399	N	7.217	E	15				6	NORTHERN ITALY. <GEN>. ML 1.9 (GEN).
16	13	25	48.0	18.702	S	173.686	W	65	D	5.3 5.2	0.9	266	TONGA ISLANDS. Mw 5.6 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 13:25:49.3; Lat 18.58 S; Lon 173.15 W; Dep 15.0 Bdy; Half-duration 1.5 sec; Principal axes (scale 10**17 Nm): (T) Val=2.91, Plg=66, Azm=340; (N) Val=-0.40, Plg=23, Azm=149; (P) Val=-2.51, Plg=4, Azm=241; Best double couple: Mo=2.7*10**17 Nm; NP1: Strike=354, Dip=46, Slip=123; NP2: Strike=130, Dip=53, Slip=61.
16	13	51	19.2*	55.776	S	27.437	W	33	N	4.2	1.1	11	SOUTH SANDWICH ISLANDS REGION
16	14	16	16.2&	32.653	S	70.917	W	68				10	CHILE-ARGENTINA BORDER REGION. <GUC>.
16	14	28	05.7&	38.200	N	24.040	E	21				5	AEGEAN SEA. <ATH>. MD 2.8 (ATH).
16	14	30	45.4*	44.046	N	149.628	E	45	D	3.9	0.9	14	KURIL ISLANDS
16	16	10	12.1	16.524	S	173.834	W	33	N	4.7	0.7	63	TONGA ISLANDS
16	16	11	17.4&	39.810	N	20.600	E	5				4	GREECE-ALBANIA BORDER REGION. <ATH>. MD 3.0 (ATH).
16	16	22	13.0*	44.379	N	148.466	E	33	N	3.6	0.8	6	KURIL ISLANDS
16	16	33	25.5*	16.668	S	69.410	W	189	*	3.9	0.7	11	PERU-BOLIVIA BORDER REGION
16	16	50	23.9*	22.192	N	143.746	E	100	G	3.1	0.5	11	VOLCANO ISLANDS, JAPAN REGION
16	16	59	02.2?	34.19	S	178.98	W	33	N		0.6	7	SOUTH OF KERMADEC ISLANDS
16	17	21	12.7&	59.067	N	151.967	W	64				21	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.5 (AEIC).
16	17	28	09.5	34.137	N	25.654	E	33	N	4.3	1.3	68	CRETE, GREECE. MD 4.3 (ATH).
16	17	57	12.9&	34.541	N	116.262	W	6				7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
16	18	03	00.0	20.235	S	174.210	E	550	G	4.5	1.4	58	VANUATU ISLANDS REGION
16	18	12	43.2	6.632	N	126.706	E	95	*	4.8	0.9	16	MINDANAO, PHILIPPINES
16	18	29	57.3*	3.844	S	81.051	W	33	N	4.4	0.9	25	NEAR COAST OF NORTHERN PERU
16	18	36	00.4*	32.412	S	179.216	W	200	G	4.0	0.8	13	SOUTH OF KERMADEC ISLANDS
16	18	58	33.2&	11.146	N	62.060	W	52				8	WINDWARD ISLANDS. <TRN>. MD 3.5 (TRN).
16	18	59	12.9&	43.960	N	74.240	W	6				7	NEW YORK. <PAL-P>. MD 2.3 (PAL). mbLg 2.7 (OTT).
16	19	02	38.2&	35.158	S	71.082	W	75				7	CENTRAL CHILE. <GUC>.
16	20	29	09.2	45.918	N	15.415	E	10	G	3.6	0.9	80	NORTHWESTERN BALKAN REGION. ML 3.8 (FUR), 3.6 (VIE), 3.5 (ROM), 3.4 (ZAG), 3.3 (TRI), 3.2 (LJU). Felt (V) at Kostanjevica and Krsko, Slovenia.
16	21	03	52.6&	34.312	N	116.449	W	2				8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
16	21	19	06.4*	45.878	N	15.488	E	10	G		0.3	5	NORTHWESTERN BALKAN REGION. ML 1.6 (VIE), 1.5 (LJU).
16	21	27	35.0	45.889	N	15.404	E	10	G		0.5	11	NORTHWESTERN BALKAN REGION. ML 2.5 (VIE), 2.2 (ZAG), 2.0 (LJU).
16	21	32	52.5&	36.006	N	117.831	W	3				16	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 3.2 (PAS).
16	21	37	22.9*	57.885	N	156.862	W	157		3.2	0.9	26	ALASKA PENINSULA
16	21	42	34.7&	35.173	S	71.214	W	87				9	CENTRAL CHILE. <GUC>. MD 3.2 (GUC).
16	21	47	06.4?	3.69	S	119.53	E	33	N		1.2	4	SULAWESI, INDONESIA
16	21	50	38.7?	14.50	S	174.93	W	33	N		1.3	8	SAMOA ISLANDS REGION
16	22	01	39.1?	45.89	N	15.56	E	10	G		0.5	4	NORTHWESTERN BALKAN REGION. ML 1.2 (LJU).
16	22	28	15.9?	6.57	S	11.77	W	10	G	3.7	1.4	9	ASCENSION ISLAND REGION
17	00	31	13.5&	31.735	S	70.173	W	139				9	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.9 (GUC).
17	01	06	50.0&	9.036	N	84.016	W	6				14	COSTA RICA. <CASC>. MD 4.2 (CASC).
17	01	32	43.6&	37.250	N	21.950	E	5				13	SOUTHERN GREECE. <ATH>. ML 3.4 (ATH).
17	01	52	58.8*	2.349	N	128.532	E	100	G	4.6	1.0	11	HALMAHERA, INDONESIA
17	02	54	19.4&	44.402	N	7.253	E	5				5	NORTHERN ITALY. <GEN>. ML 1.7 (GEN).
17	03	30	57.4&	40.418	N	124.382	W	21		2.8		12	NEAR COAST OF NORTHERN CALIF. <NC-P>. MD 3.2 (NC). ML 3.2 (BRK).
17	04	04	54.3&	35.780	N	26.280	E	34				8	CRETE, GREECE. <ATH>. MD 3.7 (ATH).
17	04	22	19.3&	18.583	N	66.729	W	26				6	PUERTO RICO REGION. <RSPR>. MD 3.1 (RSPR).
17	04	25	20.5	22.169	S	179.353	W	539	D	4.9	0.9	256	SOUTH OF FIJI ISLANDS. Mw 5.6 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 04:25:26.9; Lat 22.00 S; Lon 179.22 W; Dep 559.8; Half-duration 1.6 sec; Principal axes (scale 10**17 Nm): (T) Val=2.55, Plg=6, Azm=163; (N) Val=0.08, Plg=31, Azm=70; (P) Val=-2.63, Plg=58, Azm=262; Best double couple: Mo=2.6*10**17 Nm; NP1: Strike=283, Dip=48, Slip=-46; NP2: Strike=47, Dip=58, Slip=-128.
17	05	02	21.4*	21.944	N	142.673	E	300	G	3.9	1.0	12	MARIANA ISLANDS REGION
17	05	46	46.8	45.909	N	15.409	E	10	G		1.2	12	NORTHWESTERN BALKAN REGION. ML 2.7 (VIE), 2.4 (ZAG), 2.3 (LJU).
17	06	12	59.3*	7.432	N	126.595	E	154		3.5	1.0	15	MINDANAO, PHILIPPINES
17	06	40	11.1*	23.150	S	178.902	E	600	G	4.5	0.8	15	SOUTH OF FIJI ISLANDS
17	07	14	21.7&	32.951	S	71.707	W	35				9	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.0 (GUC).
17	07	40	27.8&	38.100	N	20.400	E	5				7	GREECE. <ATH>. MD 3.4 (ATH).
17	08	15	41.5*	47.309	N	11.468	E	10	G		0.5	5	AUSTRIA. ML 2.2 (VIE).
17	08	22	02.0&	62.342	N	154.536	W	12				39	CENTRAL ALASKA. <AEIC>. ML 3.9 (AEIC), 4.3 (PMR).
17	09	53	20.3	45.913	N	15.419	E	10	G		0.7	13	NORTHWESTERN BALKAN REGION. ML 2.8 (VIE), 2.4 (LJU), 2.4 (ZAG). Felt (IV) in the epicentral area.
17	10	05	55.7&	61.658	N	150.600	W	2				15	SOUTHERN ALASKA. <AEIC>. ML 2.3 (AEIC), 2.9 (PMR).
17	10	21	17.8*	46.660	N	15.221	E	10	G		0.8	5	NORTHWESTERN BALKAN REGION. ML 2.1 (VIE), 1.7 (LJU).
17	11	58	04.2*	52.736	N	160.759	E	33	N	4.1	1.2	11	OFF EAST COAST OF KAMCHATKA
17	12	50	14.0&	6.780	N	73.020	W	154				6	NORTHERN COLOMBIA. <RSNC>.
17	13	24	47.9&	45.849	N	5.955	E	3	G			41	FRANCE. <LDG>. ML 2.7 (LDG), 2.6 (STR).
17	14	21	54.7&	63.100	N	150.914	W	126		2.5		31	CENTRAL ALASKA. <AEIC>.
17	15	28	52.7*	3.740	N	127.935	E	101	*	4.6	1.4	23	TALAUD ISLANDS, INDONESIA
17	15	29	35.4&	33.942	N	116.649	W	11				7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
17	15	43	03.4&	44.766	N	7.226	E	12				6	NORTHERN ITALY. <GEN>. ML 1.9 (GEN).

17	15	47	08.3?	12.44	N	144.82	E	33	N	4.3		1.3	8	SOUTH OF MARIANA ISLANDS
17	17	19	00.2&	56.362	N	153.790	W	42		3.1			19	KODIAK ISLAND REGION, ALASKA. <AEIC>. ML 3.0 (AEIC).
17	17	26	59.4*	3.846	N	128.041	E	100	G	4.4		1.3	20	NORTH OF HALMAHERA, INDONESIA
17	17	55	32.4&	62.633	N	148.781	W	33					32	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC), 3.1 (PMR).
17	18	06	24.4&	45.846	N	5.983	E	4	G				18	FRANCE. <LDG>. ML 2.3 (LDG), 2.3 (STR).
17	18	08	17.8	3.959	N	128.269	E	57		5.4	4.9	1.1	95	NORTH OF HALMAHERA, INDONESIA. Mw 5.5 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 18:08:17.2; Lat 3.99 N; Lon 128.26 E; Dep 15.0 Bdy; Half-duration 1.5 sec; Principal axes (scale 10**17 Nm): (T) Val=2.19, Plg=60, Azm=314; (N) Val=-0.29, Plg=14, Azm=198; (P) Val=-1.89, Plg=26, Azm=101; Best double couple: Mo=2.0*10**17 Nm; NP1: Strike=160, Dip=23, Slip=50; NP2: Strike=23, Dip=73, Slip=105.
17	18	13	11.5*	3.853	N	128.089	E	83	*	4.8		1.1	31	NORTH OF HALMAHERA, INDONESIA
17	18	43	48.2	3.892	N	128.305	E	73	*	5.1		1.4	67	NORTH OF HALMAHERA, INDONESIA. Mw 5.3 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 18:43:46.9; Lat 3.89 N Fix; Lon 128.30 E Fix; Dep 15.0 Fix; Half-duration 1.5 sec; Principal axes (scale 10**17 Nm): (T) Val=1.18, Plg=59, Azm=281; (N) Val=-0.06, Plg=4, Azm=186; (P) Val=-1.11, Plg=31, Azm=94; Best double couple: Mo=1.1*10**17 Nm; NP1: Strike=172, Dip=14, Slip=76; NP2: Strike=7, Dip=76, Slip=94.
17	19	27	38.7*	52.617	S	18.490	E	10	G	4.8	4.5	1.2	27	SOUTHWEST OF AFRICA
17	20	24	38.4*	3.937	N	128.199	E	33	N			0.9	7	NORTH OF HALMAHERA, INDONESIA
17	20	52	53.2*	2.862	N	98.111	E	100	G	4.3		0.9	24	NORTHERN SUMATERA, INDONESIA
17	20	53	58.0&	40.450	N	125.320	W	3					18	OFF COAST OF NORTHERN CALIFORNIA. <NC-P>. ML 3.4 (NC), 3.4 (BRK).
17	20	59	51.1*	3.854	N	128.436	E	33	N	4.7		1.5	22	NORTH OF HALMAHERA, INDONESIA
17	21	14	55.2	67.429	N	149.880	W	10	G	4.4		0.8	52	NORTHERN ALASKA. ML 4.6 (PMR). Felt at Coldfoot.
17	21	19	40.9	67.398	N	149.874	W	10	G	4.1		1.0	16	NORTHERN ALASKA. ML 3.9 (PMR).
17	21	20	42.0&	41.260	S	174.110	E	45					6	COOK STRAIT, NEW ZEALAND. <WEL>. Felt at Picton on the South Island.
17	21	34	14.3*	4.087	N	128.602	E	33	N			1.3	7	NORTH OF HALMAHERA, INDONESIA
17	21	50	00.3*	57.867	S	25.181	W	33	N	3.9		1.1	11	SOUTH SANDWICH ISLANDS REGION
17	22	10	24.2*	10.440	N	126.656	E	33	N	4.3		1.1	15	PHILIPPINE ISLANDS REGION
17	22	18	36.3?	6.66	S	154.43	E	112	?	3.9		1.5	9	SOLOMON ISLANDS
17	22	39	01.5?	3.69	N	128.59	E	33	N			1.4	8	NORTH OF HALMAHERA, INDONESIA
17	22	47	45.9&	60.122	N	152.680	W	112		2.6			26	SOUTHERN ALASKA. <AEIC>.
17	22	50	03.1*	3.785	N	128.568	E	33	N	4.8		1.3	14	NORTH OF HALMAHERA, INDONESIA
17	23	04	58.9*	55.738	N	161.715	E	73	*	3.3		1.3	10	NEAR EAST COAST OF KAMCHATKA
17	23	06	47.9	46.400	N	15.075	E	10	G			0.8	10	NORTHWESTERN BALKAN REGION. MD 2.7 (LJU). ML 2.1 (VIE).
17	23	07	22.9	3.913	N	128.215	E	86	*	5.2	5.0	1.3	96	NORTH OF HALMAHERA, INDONESIA. Mw 5.5 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 23:07:18.9; Lat 3.91 N; Lon 128.39 E; Dep 25.0 Bdy; Half-duration 1.3 sec; Principal axes (scale 10**17 Nm): (T) Val=1.88, Plg=64, Azm=300; (N) Val=-0.01, Plg=12, Azm=185; (P) Val=-1.87, Plg=23, Azm=90; Best double couple: Mo=1.9*10**17 Nm; NP1: Strike=158, Dip=24, Slip=61; NP2: Strike=9, Dip=69, Slip=102.
17	23	55	39.5	34.192	N	25.800	E	10	G	4.8	4.1	1.4	301	CRETE, GREECE. ML 4.6 (ATH), 4.5 (CSS).
18	00	05	17.5&	45.833	N	5.964	E	3	G				21	FRANCE. <LDG>. ML 2.4 (STR), 2.2 (LDG).
18	00	12	05.7	52.455	S	13.544	E	10	G	5.4	5.3	1.0	113	SOUTHWEST OF AFRICA. Mw 5.8 (GS), 5.8 (HRV). Moment Tensor (GS): Dep 4; Principal axes (scale 10**17 Nm): (T) Val=5.61, Plg=29, Azm=187; (N) Val=0.09, Plg=4, Azm=279; (P) Val=-5.70, Plg=61, Azm=16; Best double couple: Mo=5.7*10**17 Nm; NP1: Strike=265, Dip=17, Slip=-104; NP2: Strike=100, Dip=74, Slip=-86. Centroid, Moment Tensor (HRV): Centroid origin time 00:12:10.1; Lat 52.40 S; Lon 13.70 E; Dep 15.0 Fix; Half-duration 1.8 sec; Principal axes (scale 10**17 Nm): (T) Val=4.53, Plg=7, Azm=176; (N) Val=0.44, Plg=17, Azm=83; (P) Val=-4.97, Plg=71, Azm=287; Best double couple: Mo=4.8*10**17 Nm; NP1: Strike=285, Dip=41, Slip=-63; NP2: Strike=70, Dip=54, Slip=-112.
18	00	28	09.3*	3.907	N	128.434	E	52	*	4.6		1.2	25	NORTH OF HALMAHERA, INDONESIA
18	01	41	25.8?	28.28	N	53.14	E	33	N	3.8		0.9	14	SOUTHERN IRAN
18	02	10	32.3*	14.526	S	167.130	E	150	G			0.9	13	VANUATU ISLANDS
18	02	31	55.6*	17.201	S	69.799	W	152	*	3.8		1.2	7	PERU-BOLIVIA BORDER REGION
18	02	37	43.7	19.083	N	69.520	W	90		4.5		0.9	43	DOMINICAN REPUBLIC REGION. Felt at Monte Plata, Nagua, Samana, Sanchez, San Francisco de Macoris and Santo Domingo.
18	02	46	03.3*	34.295	N	25.942	E	56	*	3.3		1.3	13	CRETE, GREECE
18	03	25	40.6	41.628	N	138.995	E	218		4.5		0.7	39	EASTERN SEA OF JAPAN
18	03	39	00.0*	10.561	S	113.589	E	33	N			1.4	7	SOUTH OF JAWA, INDONESIA
18	05	19	56.3*	4.186	N	128.623	E	33	N			1.0	6	NORTH OF HALMAHERA, INDONESIA
18	05	29	05.9*	23.998	N	122.684	E	33	N	4.3		1.3	21	TAIWAN REGION
18	05	30	27.5	21.076	S	179.173	W	662	*	4.4		0.8	67	FIJI ISLANDS REGION
18	05	42	39.7*	22.385	N	143.501	E	100	G	4.0		1.0	20	VOLCANO ISLANDS, JAPAN REGION
18	05	50	07.2*	0.068	N	123.717	E	136	*			1.4	11	MINAHASSA PENINSULA, SULAWESI
18	05	59	56.2	2.812	N	128.273	E	49	D	4.8	4.0	1.0	39	HALMAHERA, INDONESIA
18	06	21	12.9*	4.056	N	128.610	E	33	N	4.3		1.2	12	NORTH OF HALMAHERA, INDONESIA
18	06	23	15.6	4.022	N	128.455	E	33	N	5.5	5.2	1.1	87	NORTH OF HALMAHERA, INDONESIA. Mw 5.7 (HRV), 5.6 (GS). Moment Tensor (GS): Dep 19; Principal axes (scale 10**17 Nm): (T) Val=2.53, Plg=65, Azm=276; (N) Val=-0.07, Plg=8, Azm=23; (P) Val=-2.46, Plg=23, Azm=117; Best double couple: Mo=2.5*10**17 Nm; NP1: Strike=222, Dip=23, Slip=110; NP2: Strike=20, Dip=69, Slip=82. Centroid, Moment Tensor (HRV): Centroid origin time 06:23:17.9; Lat 4.00 N; Lon 128.31 E; Dep 15.0 Bdy; Half-duration 1.7 sec; Principal axes (scale 10**17 Nm): (T) Val=3.57, Plg=67, Azm=287; (N) Val=0.06, Plg=7, Azm=181; (P) Val=-3.63, Plg=22, Azm=89; Best double couple: Mo=3.6*10**17 Nm; NP1: Strike=166, Dip=24, Slip=73; NP2: Strike=4, Dip=67, Slip=97.

18	06	31	16.6	37.324	N	134.983	E	368		4.0	0.9	24 SEA OF JAPAN
18	06	37	10.0*	3.921	N	127.998	E	100	G	4.7	1.2	17 TALAUD ISLANDS, INDONESIA
18	06	37	53.0*	4.187	N	128.310	E	33	N	4.5	0.8	12 NORTH OF HALMAHERA, INDONESIA
18	06	43	44.7	3.928	N	128.159	E	100	G	5.1	1.4	75 NORTH OF HALMAHERA, INDONESIA
18	07	07	13.7&	43.777	N	7.576	E	3	G			13 NEAR SOUTH COAST OF FRANCE. <LDG>. ML 2.5 (LDG), 2.3 (STR).
18	07	58	28.0	27.467	S	69.059	W	110	D	4.5	1.0	39 NORTHERN CHILE
18	08	04	40.1&	42.989	N	0.561	E	2				5 PYRENEES. <LDG>. ML 2.4 (LDG).
18	08	18	32.0&	34.113	N	118.212	W	4				5 SOUTHERN CALIFORNIA. <PAS-P>. ML 2.2 (PAS). Felt at Glendale.
18	08	22	50.8&	47.470	N	7.300	E	3	G			7 SWITZERLAND. <STR>. ML 1.9 (STR).
18	08	55	22.2*	32.088	S	178.696	W	33	N	4.5	1.0	11 SOUTH OF KERMADEC ISLANDS
18	09	29	04.4&	38.180	S	177.710	E	53				8 NORTH ISLAND, NEW ZEALAND. <WEL>.
18	09	49	18.4&	18.912	N	66.639	W	42				6 PUERTO RICO REGION. <RSPR>. MD 3.0 (RSPR).
18	10	00	37.4?	5.23	S	154.16	E	33	N	4.5	0.8	8 SOLOMON ISLANDS
18	10	30	54.2	24.972	N	125.634	E	33	N	4.2	1.4	22 SOUTHWESTERN RYUKYU ISL., JAPAN. Recorded (2 JMA) on Miyako-jima and (1 JMA) on Tarama-jima.
18	11	47	07.1&	41.540	S	173.190	E	93				13 SOUTH ISLAND, NEW ZEALAND. <WEL>.
18	12	12	26.7&	32.170	S	70.278	W	114				6 CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.3 (GUC).
18	12	14	04.9*	51.050	N	176.832	W	33	N	4.3	0.6	6 ANDREANOF ISLANDS, ALEUTIAN IS.
18	12	51	59.6	31.452	S	69.291	W	130		4.1	0.9	19 SAN JUAN PROVINCE, ARGENTINA. MD 4.3 (GUC).
18	13	08	50.5*	19.587	N	109.231	W	10	G	4.1	1.3	35 REVILLA GIGEDO ISLANDS REGION
18	14	40	20.3*	3.894	N	128.115	E	100	G	4.1	0.9	10 NORTH OF HALMAHERA, INDONESIA
18	15	09	52.1&	44.515	N	7.206	E	13				4 NORTHERN ITALY. <GEN>. ML 1.6 (GEN).
18	15	15	18.8	47.620	N	13.867	E	5	G		1.4	7 AUSTRIA. ML 2.3 (VIE).
18	15	31	08.2	34.531	N	24.824	E	10	G	4.0	1.5	51 CRETE, GREECE. ML 4.1 (ATH).
18	16	41	45.8	34.189	N	25.849	E	10	G	4.1	1.4	73 CRETE, GREECE. MD 4.1 (ATH).
18	16	44	04.8*	45.109	N	146.157	E	200	G	4.0	0.5	12 KURIL ISLANDS
18	16	46	44.0?	24.08	N	122.88	E	33	N		1.4	5 TAIWAN REGION
18	17	03	30.8	8.826	N	126.420	E	69		4.6	1.2	50 MINDANAO, PHILIPPINES
18	17	28	12.3	20.664	S	176.469	W	221	D	5.6	0.9	388 FIJI ISLANDS REGION. Mw 6.0 (HRV), 5.9 (GS). Me 5.7 (GS). Broadband Source Parameters (GS): Dep 220; NP1: Strike=15, Dip=89, Slip=-90; NP2: Strike=195, Dip=1, Slip=-90; Radiated energy 9.0*10**12 Nm. Moment Tensor (GS): Dep 221; Principal axes (scale 10**17 Nm): (T) Val=9.96, Plg=39, Azm=126; (N) Val=-1.19, Plg=10, Azm=28; (P) Val=-8.77, Plg=50, Azm=287; Best double couple: Mo=9.4*10**17 Nm; NP1: Strike=268, Dip=11, Slip=-30; NP2: Strike=27, Dip=85, Slip=-100. Centroid, Moment Tensor (HRV): Centroid origin time 17:28:15.7; Lat 20.73 S; Lon 176.07 W; Dep 220.0; Half-duration 2.3 sec; Principal axes (scale 10**18 Nm): (T) Val=1.04, Plg=42, Azm=125; (N) Val=-0.14, Plg=5, Azm=30; (P) Val=-0.90, Plg=47, Azm=295; Best double couple: Mo=9.6*10**17 Nm; NP1: Strike=270, Dip=5, Slip=-30; NP2: Strike=30, Dip=87, Slip=-95.
18	17	48	39.0*	17.835	N	105.847	W	33	N	4.5	0.9	17 OFF COAST OF JALISCO, MEXICO
18	18	04	31.3*	6.257	S	146.704	E	33	N	3.7	0.9	9 EASTERN NEW GUINEA REG., P.N.G.
18	18	07	59.7*	20.830	S	178.760	W	600	G	3.9	1.1	17 FIJI ISLANDS REGION
18	18	10	10.6*	23.801	S	67.159	W	254	?	3.7	1.5	7 CHILE-ARGENTINA BORDER REGION
18	18	41	50.6*	12.261	N	144.171	E	33	N	4.0	1.1	13 SOUTH OF MARIANA ISLANDS
18	18	57	12.5*	33.808	S	178.615	W	33	N	4.8 4.6	1.5	35 SOUTH OF KERMADEC ISLANDS
18	19	30	20.2&	60.792	N	150.174	W	45				41 KENAI PENINSULA, ALASKA. <AEIC>. ML 2.5 (AEIC).
18	19	53	51.8*	67.077	N	149.521	W	10	G		0.3	5 NORTHERN ALASKA
18	20	14	07.1?	36.20	N	70.86	E	150	G	3.0	1.4	6 HINDU KUSH REGION, AFGHANISTAN
18	20	43	49.8	0.232	S	125.511	E	33	N	4.2	0.9	14 SOUTHERN MOLUCCA SEA
18	21	05	51.9	24.026	N	126.709	E	33	N	5.1 4.7	1.1	99 RYUKYU ISLANDS, JAPAN. Mw 5.0 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 21:05:49.5; Lat 24.17 N; Lon 126.76 E; Dep 33.4; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=3.40, Plg=9, Azm=0; (N) Val=1.14, Plg=54, Azm=258; (P) Val=-4.54, Plg=35, Azm=96; Best double couple: Mo=4.0*10**16 Nm; NP1: Strike=132, Dip=59, Slip=-20; NP2: Strike=232, Dip=73, Slip=-148.
18	21	20	36.0	34.602	N	135.768	E	391		3.9	0.8	13 NEAR S. COAST OF WESTERN HONSHU
18	22	28	23.1*	2.703	S	138.663	E	33	N	4.0	0.9	8 IRIAN JAYA, INDONESIA
18	22	30	34.7&	34.043	S	70.108	W	15				6 CHILE-ARGENTINA BORDER REGION. <GUC>.
18	23	06	19.1	41.449	N	77.928	E	33	N	4.1	1.3	19 KYRGYZSTAN-XINJIANG BORDER REG.
18	23	12	44.8*	34.276	N	25.678	E	73	*		1.3	10 CRETE, GREECE. MD 3.8 (ATH).
18	23	15	17.9?	52.81	N	168.14	W	33	N		0.4	7 FOX ISLANDS, ALEUTIAN ISLANDS
19	00	52	23.5	4.109	N	128.318	E	33	N	5.0 4.7	1.0	61 NORTH OF HALMAHERA, INDONESIA
19	01	57	29.4	44.818	N	17.591	E	10	G		0.6	13 NORTHWESTERN BALKAN REGION. ML 3.4 (ZAG), 3.2 (VIE), 3.2 (TRI).
19	02	23	02.4	38.159	N	21.988	E	61	D	4.6	1.3	197 GREECE. Felt in many parts of western Greece including Patrai. Also felt at Athens.
19	03	44	16.1	28.550	N	129.890	E	51	*	4.6	1.3	45 RYUKYU ISLANDS, JAPAN. Recorded (2 JMA) on Kikai-jima and (1 JMA) on Amami-O-shima.
19	04	00	16.7*	42.428	N	142.732	E	33	N	3.3	1.4	9 HOKKAIDO, JAPAN REGION. Recorded (2 JMA) in the Urakawa area.
19	04	25	47.5&	38.390	N	21.590	E	5				5 GREECE. <ATH>. MD 2.9 (ATH).
19	04	32	31.2&	38.120	N	23.530	E	16				16 GREECE. <ATH>. MD 3.3 (ATH).
19	05	45	14.2&	40.720	S	175.540	E	31				10 NORTH ISLAND, NEW ZEALAND. <WEL>. ML 3.6 (WEL).
19	05	48	11.1*	3.775	N	128.482	E	66	?	4.3	0.9	12 NORTH OF HALMAHERA, INDONESIA
19	05	54	05.8&	17.836	N	66.967	W	15				4 PUERTO RICO REGION. <RSPR>. MD 2.4 (RSPR).
19	06	35	01.8&	38.510	N	21.470	E	5				5 GREECE. <ATH>. MD 2.9 (ATH).
19	08	59	21.8&	34.400	N	116.149	W	7				10 SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
19	09	30	25.7&	61.908	N	148.995	W	57				49 SOUTHERN ALASKA. <AEIC>. ML 2.9 (AEIC), 3.0 (PMR).
19	10	54	44.8*	23.575	S	67.705	W	145	?	3.7	1.1	6 CHILE-ARGENTINA BORDER REGION
19	11	10	55.3*	13.755	S	166.308	E	33	N	4.9	1.1	29 VANUATU ISLANDS
19	11	14	56.5&	44.550	N	4.600	E	5	G			5 FRANCE. <STR>. ML 2.3 (STR).
19	11	20	42.7*	65.088	N	164.851	W	10	G	3.3	1.4	11 NORTHERN ALASKA
19	12	22	01.3*	52.340	S	114.894	E	10	G	3.9	0.8	7 WESTERN INDIAN-ANTARCTIC RIDGE
19	12	22	58.2	44.300	N	11.985	E	10	G	4.0	1.3	79 NORTHERN ITALY. ML 4.0 (VIE), 3.7 (STR), 3.6 (TRI), 3.6 (LDG).
19	12	36	25.4	1.979	S	126.805	E	33	N	4.7	0.8	25 SOUTHERN MOLUCCA SEA
19	12	54	35.3	25.668	S	177.170	W	97	D	5.2	0.9	74 SOUTH OF FIJI ISLANDS. Mw 5.4 (HRV).

Centroid, Moment Tensor (HRV): Centroid origin time 12:54:40.4; Lat 25.60 S; Lon 176.84 W; Dep 120.7; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=1.48, Plg=48, Azm=258; (N) Val=-0.29, Plg=42, Azm=69; (P) Val=-1.20, Plg=4, Azm=163; Best double couple: Mo=1.3*10**17 Nm; NP1: Strike=289, Dip=55, Slip=145; NP2: Strike=40, Dip=62, Slip=41.

19	13	34	23.8&	32.820	S	71.468	W	35				10	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.4 (GUC).
19	13	36	25.2*	3.978	N	127.984	E	117 *	4.5		1.3	21	TALAUD ISLANDS, INDONESIA
19	13	41	27.8*	44.282	N	11.933	E	10 G			0.9	9	NORTHERN ITALY. ML 3.3 (VIE), 3.2 (LDG), 2.7 (TRI).
19	14	04	20.2	24.106	N	121.170	E	33 N	4.4		0.6	18	TAIWAN. ML 4.9 (TAP). Recorded (3 TAP) in southwestern I-lan and parts of Miao-1i Counties; (2 TAP) at Chang-hua, Miao-1i and Tai-chung; (1 TAP) at Chia-i, Hua-lien and Taipei.
19	14	08	59.2*	41.774	N	15.081	E	33 N	3.5		1.4	19	SOUTHERN ITALY
19	14	20	14.5*	3.872	N	128.171	E	117 *	4.1		1.2	18	NORTH OF HALMAHERA, INDONESIA
19	14	42	44.5*	34.157	N	26.052	E	33 N	3.8		1.5	15	CRETE, GREECE. MD 3.9 (ATH).
19	15	00	12.1	44.275	N	11.901	E	10 G			1.2	20	NORTHERN ITALY. ML 3.3 (VIE), 3.1 (LDG), 2.9 (TRI).
19	15	14	02.0&	42.620	N	0.940	E	10 G				10	PYRENEES. <STR>. ML 2.5 (STR), 2.4 (LDG).
19	15	23	13.9*	20.426	S	178.027	W	477 ?	4.3		1.0	13	FIJI ISLANDS REGION
19	15	50	17.6*	44.325	N	12.020	E	33 N			1.2	14	NORTHERN ITALY. ML 3.1 (VIE), 2.9 (LDG).
19	16	17	23.3	44.366	N	11.895	E	10 G	3.7		1.3	49	NORTHERN ITALY. ML 3.6 (VIE), 3.3 (STR), 3.3 (LDG), 3.0 (TRI).
19	16	30	03.2*	44.362	N	11.813	E	10 G			1.1	12	NORTHERN ITALY. ML 3.0 (VIE), 2.9 (LDG), 2.5 (TRI).
19	17	26	33.0&	31.971	S	71.589	W	41				7	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.4 (GUC).
19	17	29	45.8*	9.245	S	67.289	E	10 G	4.7	4.5	1.3	48	MID-INDIAN RIDGE
19	17	47	20.6*	44.329	N	11.851	E	10 G			1.2	14	NORTHERN ITALY. ML 3.0 (VIE), 2.8 (LDG), 2.5 (TRI).
19	18	26	49.3*	3.960	N	128.147	E	92 *	4.6		1.2	28	NORTH OF HALMAHERA, INDONESIA
19	18	50	42.2*	18.156	N	146.642	E	69 ?	4.2		1.0	20	MARIANA ISLANDS
19	18	58	10.0	44.385	N	11.859	E	10 G	3.4		1.1	53	NORTHERN ITALY. ML 3.4 (STR), 3.3 (VIE), 3.2 (LDG), 3.1 (TRI).
19	19	23	12.7&	35.973	N	4.508	W	15				8	STRAIT OF GIBRALTAR. <MDD>. mbLg 1.9 (MDD).
19	19	24	40.0	44.377	N	11.880	E	10 G			0.8	14	NORTHERN ITALY. ML 2.8 (LDG).
19	19	25	41.4	6.702	S	129.949	E	151	5.0		0.9	118	BANDA SEA
19	19	36	27.4	44.401	N	11.838	E	10 G			0.9	18	NORTHERN ITALY. ML 3.1 (VIE), 3.0 (LDG).
19	19	44	33.0&	11.323	N	62.024	W	95				4	WINDWARD ISLANDS. <TRN>. MD 2.6 (TRN).
19	20	06	51.2	44.348	N	11.946	E	10 G	4.1		1.3	98	NORTHERN ITALY. ML 4.1 (ZAG), 3.9 (VIE), 3.7 (FUR), 3.6 (STR), 3.6 (LDG), 3.5 (FBB).
19	20	46	09.6&	34.268	S	72.125	W	24				9	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.6 (GUC).
19	20	48	38.3&	37.856	N	4.146	W	2				4	SPAIN. <MDD>. mbLg 1.2 (MDD).
19	21	06	42.6&	47.340	N	7.500	E	14				40	SWITZERLAND. <STR>. ML 2.7 (LDG), 2.6 (STR), 2.5 (VIE), 2.5 (FBB).
19	21	53	41.2*	20.436	S	178.375	W	527 ?	4.1		0.9	17	FIJI ISLANDS REGION
19	23	17	30.4	52.955	S	10.270	E	10 G	4.9		0.8	22	SOUTHWEST OF AFRICA
19	23	33	43.7	44.443	N	11.776	E	10 G			0.9	23	NORTHERN ITALY. ML 3.4 (VIE), 3.0 (LDG), 2.9 (TRI).
19	23	43	49.2*	59.078	S	26.161	W	87 ?	4.1		0.7	13	SOUTH SANDWICH ISLANDS REGION
20	00	24	13.1*	31.886	S	178.567	W	33 N	4.9	4.6	1.5	37	KERMADEC ISLANDS REGION. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 00:24:18.7; Lat 31.94 S; Lon 178.55 W; Dep 50.7; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=5.87, Plg=81, Azm=302; (N) Val=0.64, Plg=3, Azm=195; (P) Val=-6.51, Plg=9, Azm=105; Best double couple: Mo=6.2*10**16 Nm; NP1: Strike=192, Dip=36, Slip=86; NP2: Strike=17, Dip=54, Slip=93.
20	00	25	00.1*	44.385	N	11.776	E	10 G			1.1	12	NORTHERN ITALY. ML 2.7 (LDG).
20	00	46	04.3*	32.990	S	178.643	W	33 N	4.9		1.0	20	SOUTH OF KERMADEC ISLANDS
20	01	01	36.0&	38.520	N	21.470	E	5				11	GREECE. <ATH>. ML 3.4 (ATH).
20	02	43	17.9*	4.480	N	128.387	E	33 N	4.5		1.3	11	NORTH OF HALMAHERA, INDONESIA
20	02	44	14.5	39.426	N	20.434	E	33 N	4.4		1.2	99	GREECE-ALBANIA BORDER REGION. ML 4.5 (THE), 4.3 (ATH).
20	03	04	03.9*	17.394	S	70.234	W	137 *	4.0		1.5	13	NEAR COAST OF PERU
20	03	04	57.4*	5.431	S	152.863	E	33 N	4.3		1.3	10	NEW BRITAIN REGION, P.N.G.
20	03	46	21.3*	44.035	N	127.897	W	10 G			0.7	20	OFF COAST OF OREGON
20	04	08	14.0&	39.460	N	20.640	E	33 N				7	GREECE-ALBANIA BORDER REGION. <ATH>. MD 3.1 (ATH).
20	06	00	44.4*	52.303	N	173.473	W	33 N			1.0	9	ANDREANOF ISLANDS, ALEUTIAN IS.
20	06	02	28.2	44.012	N	128.397	W	10 G	4.2		1.2	40	OFF COAST OF OREGON
20	06	46	38.4*	4.040	N	128.256	E	33 N	4.8		0.8	16	NORTH OF HALMAHERA, INDONESIA
20	07	06	39.4&	10.089	N	63.931	W	3				7	NEAR COAST OF VENEZUELA. <TRN>. MD 3.9 (TRN).
20	07	19	08.7&	63.054	N	150.669	W	140	4.3			113	CENTRAL ALASKA. <AEIC>.
20	07	25	13.6*	44.226	N	11.897	E	10 G			1.5	27	NORTHERN ITALY. ML 3.5 (VIE), 3.3 (LDG), 3.0 (TRI).
20	07	30	30.6	17.232	N	94.193	W	135 D	4.0		0.7	20	CHIAPAS, MEXICO
20	07	50	47.7	21.186	S	169.429	E	62 *	5.0		1.1	102	SOUTHEAST OF LOYALTY ISLANDS
20	07	53	46.6*	57.445	N	32.919	W	10 G	3.9		0.4	10	REYKJANES RIDGE
20	08	03	51.7&	16.009	N	60.975	W	27				4	LEEWARD ISLANDS. <FDF>. MD 2.2 (FDF).
20	08	19	07.3&	39.590	N	20.640	E	31				4	GREECE-ALBANIA BORDER REGION. <ATH>. MD 2.9 (ATH).
20	08	24	45.9*	2.391	N	122.971	E	453 ?	4.1		1.2	19	CELEBES SEA
20	08	26	20.2*	29.527	N	143.016	E	33 N	4.4		1.1	23	SOUTHEAST OF HONSHU, JAPAN
20	08	41	29.5	38.616	N	66.445	E	10 G	5.5	5.1	1.1	285	SOUTHEASTERN UZBEKISTAN. Mw 5.3 (GS), 5.3 (HRV). Felt (VI) at Qamashi, (IV) at Samarqand and (III) at Toshkent. Also felt (III) at Turkmenabat, Turkmenistan. Moment Tensor (GS): Dep 12; Principal axes (scale 10**16 Nm): (T) Val=9.21, Plg=84, Azm=248; (N) Val=0.71, Plg=6, Azm=81; (P) Val=-9.92, Plg=1, Azm=351; Best double couple: Mo=9.5*10**16 Nm; NP1: Strike=75, Dip=44, Slip=82; NP2: Strike=266, Dip=47, Slip=98. Centroid, Moment Tensor (HRV): Centroid origin time 08:41:32.5; Lat 38.74 N; Lon 66.14 E; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**17 Nm): (T) Val=1.08, Plg=60, Azm=202; (N) Val=-0.30, Plg=29, Azm=44; (P) Val=-0.78, Plg=10, Azm=309; Best double couple: Mo=9.3*10**16 Nm; NP1: Strike=9, Dip=43, Slip=46; NP2: Strike=242, Dip=61, Slip=123.
20	08	45	33.6	38.617	N	66.375	E	33 N	4.4		0.8	21	SOUTHEASTERN UZBEKISTAN
20	08	46	55.4&	43.949	N	74.257	W	5				29	NEW YORK. <PAL-P>. ML 3.8 (PAL). mbLg 4.0 (OTT), 3.7 (GS). Felt at Clifton Park, Crown Point, Greenwich, Ilion, Indian

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                                                                                  Lake, Lake Bonaparte, Newcomb, Northville, Queensbury,
                                                                                  Saranac Lake, Tupper Lake, Vermontville and Wells. Felt at
                                                                                  Keene and Swanzey, New Hampshire; Addison, Moretown,
                                                                                  Montpelier and Northfield, Vermont. Also felt at Brigham
                                                                                  and Sherbrooke, Quebec, Canada.
20  08 51 52.5& 62.131 N  150.927 W   68                          56  CENTRAL ALASKA. <AEIC>. ML 3.5 (AEIC), 3.8 (PMR).
20  09 08 48.5  57.525 N   33.041 W   10 G  4.7       1.0      99  REYKJANES RIDGE
20  09 09 04.8  15.822 S  173.061 W   71 D  4.3       0.7      33  TONGA ISLANDS
20  10 01 46.1& 45.350 N    4.400 E    5 G                       6  FRANCE. <STR>. ML 2.0 (STR).
20  10 13 57.4& 35.324 N  116.475 W    2                         8  CENTRAL CALIFORNIA. <PAS-P>. ML 2.5 (PAS).
20  10 18 37.0& 59.914 N  153.481 W  129                        39  SOUTHERN ALASKA. <AEIC>.
20  10 19 42.5& 34.493 S   70.795 W   93                         6  CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.7 (GUC).
20  10 36 55.0& 43.230 N  110.700 W    6                        14  WYOMING. <USBR>. MD 2.7 (USBR).
20  10 50 16.4& 39.430 N   20.570 E    5                         6  GREECE-ALBANIA BORDER REGION. <ATH>. MD 3.1 (ATH).
20  11 24 51.4  49.366 N    0.969 W   10 G       1.3      21  FRANCE. ML 2.8 (LDG).
20  11 27 50.1& 39.406 N  123.073 W    5                        12  NEAR COAST OF NORTHERN CALIF. <NC-P>. MD 2.7 (NC). Felt at
                                                                    Potter Valley.
20  11 41 31.6& 39.406 N  123.073 W    5                        10  NEAR COAST OF NORTHERN CALIF. <NC-P>. MD 2.4 (NC). Felt at
                                                                    Potter Valley.
20  12 06 40.5& 39.405 N  123.072 W    6                        12  NEAR COAST OF NORTHERN CALIF. <NC-P>. MD 3.1 (NC). Felt at
                                                                    Potter Valley.
20  12 58 35.3? 33.12  N   39.55  W   10 G  4.0       0.9       7  NORTHERN MID-ATLANTIC RIDGE
20  13 12 11.0& 18.125 N   66.738 W   23                         5  PUERTO RICO REGION. <RSPR>. ML 3.2 (RSPR).
20  13 21 57.1* 38.234 N   74.296 E  167 *       0.3       7  TAJIKISTAN-XINJIANG BORDER REG.
20  14 42 52.0& 62.775 N  150.688 W  111                        58  CENTRAL ALASKA. <AEIC>.
20  14 44 05.0& 44.358 N    7.366 E    4                         9  NORTHERN ITALY. <GEN>. ML 2.0 (GEN).
20  15 09 13.1  48.584 N    9.291 E   10 G       0.9       8  GERMANY. ML 2.2 (VIE).
20  15 09 17.0& 43.220 N  110.720 W    7                         7  WYOMING. <USBR>. MD 2.3 (USBR).
20  15 32 37.4? 10.86  N   86.54  W   33 N  4.4       1.4      18  OFF COAST OF COSTA RICA
20  16 07 29.2  57.720 N   33.103 W   10 G  4.6 4.1    0.9      33  REYKJANES RIDGE
20  16 14 25.6*  6.536 S  130.301 E  145 *  4.4       0.7      13  BANDA SEA
20  16 15 30.0* 28.225 N   53.749 E   33 N  4.4       0.9      17  SOUTHERN IRAN
20  16 30 49.3  44.418 N   11.854 E   10 G       1.2      17  NORTHERN ITALY. ML 3.2 (VIE), 2.7 (LDG), 2.4 (LJU).
20  19 33 53.0*  8.683 S  157.460 E   33 N  4.2       1.0      14  SOLOMON ISLANDS
20  20 27 32.7   4.573 S  145.909 E   33 N  4.9       0.8      31  NEAR N COAST OF NEW GUINEA, PNG. Mw 5.1 (HRV). ML 5.3 (PMG).
                                                                  Centroid, Moment Tensor (HRV): Centroid origin time
                                                                   20:27:33.9; Lat 4.78 S; Lon 146.07 E; Dep 15.0 Fix; Half-
                                                                   duration 1.0 sec; Principal axes (scale 10**16 Nm): (T)
                                                                   Val=5.51, Plg=6, Azm=274; (N) Val=0.20, Plg=81, Azm=148;
                                                                   (P) Val=-5.71, Plg=8, Azm=5; Best double couple:
                                                                   Mo=5.6*10**16 Nm; NP1: Strike=49, Dip=81, Slip=-1; NP2:
                                                                   Strike=139, Dip=89, Slip=-171.
20  20 43 41.3& 37.130 N   20.910 E   24                        30  IONIAN SEA. <ATH>. ML 3.8 (ATH).
20  20 47 53.0& 36.460 N   26.840 E  145                        24  DODECANESE ISLANDS, GREECE. <ATH>.
20  21 18 44.0* 43.962 N  128.266 W   10 G       0.9      19  OFF COAST OF OREGON
20  21 25 02.2? 43.93  N  128.02  W   10 G  3.4       0.9      17  OFF COAST OF OREGON
20  21 34 51.3* 43.953 N  128.000 W   10 G       0.7      25  OFF COAST OF OREGON
20  22 19 50.6  21.777 S  176.572 W  168 D  4.7       0.8      82  FIJI ISLANDS REGION
21  00 15 24.7& 35.030 N   25.250 E    5                         6  CRETE, GREECE. <ATH>. MD 3.6 (ATH).
21  00 19 24.9& 43.050 N    3.616 W    0 G                       6  SPAIN. <MDD>. mbLg 1.9 (MDD).
21  02 15 50.0* 44.305 N   11.886 E   10 G       1.1      16  NORTHERN ITALY. MD 3.1 (LDG). ML 2.9 (VIE).
21  02 24 07.9& 36.640 N   22.980 E   25                         5  SOUTHERN GREECE. <ATH>.
21  02 43 29.9& 38.970 S  178.070 E   12                         6  OFF E. COAST OF N. ISLAND, N.Z. <WEL>. ML 3.6 (WEL).
21  02 49 45.0* 18.478 S  174.757 W   33 N  3.7       1.3      22  TONGA ISLANDS
21  02 57 11.3*  0.020 N   24.824 W   10 G  4.4       1.0       9  CENTRAL MID-ATLANTIC RIDGE
21  03 32 21.9& 34.339 N  116.738 W    4                         8  SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS).
21  03 35 52.5& 37.613 N    2.258 W    1                         8  SPAIN. <MDD>. mbLg 1.5 (MDD).
21  03 38 58.6& 37.617 N    2.217 W    4                        17  SPAIN. <MDD>. mbLg 2.2 (MDD).
21  03 47 48.2& 37.523 N    2.346 W    7                        11  SPAIN. <MDD>. mbLg 2.0 (MDD).
21  04 01 47.8& 10.832 N   62.294 W   57                         6  NEAR COAST OF VENEZUELA. <TRN>. MD 2.8 (TRN).
21  04 12 10.7& 45.188 N    8.745 E   19                        64  NORTHERN ITALY. <GEN>. MD 3.1 (LDG). ML 3.0 (GEN), 2.9
                                                                    (STR), 2.6 (VIE).
21  04 35 17.6  51.422 N  178.137 W   33 N  6.0 5.7    0.9     506  ANDREANOF ISLANDS, ALEUTIAN IS. Mw 6.0 (HRV), 5.9 (GS). Me
                                                                    6.1 (GS). ML 6.2 (PMR). Felt strongly on Adak.
                                                                  Broadband Source Parameters (GS): Dep 28; NP1: Strike=60,
                                                                   Dip=45, Slip=60; NP2: Strike=279, Dip=52, Slip=117;
                                                                   Radiated energy 2.9*10**13 Nm.
                                                                  Moment Tensor (GS): Dep 23; Principal axes (scale 10**17
                                                                   Nm): (T) Val=9.09, Plg=67, Azm=296; (N) Val=0.28, Plg=17,
                                                                   Azm=70; (P) Val=-9.37, Plg=16, Azm=165; Best double couple:
                                                                   Mo=9.2*10**17 Nm; NP1: Strike=278, Dip=33, Slip=122; NP2:
                                                                   Strike=61, Dip=63, Slip=71.
                                                                  Centroid, Moment Tensor (HRV): Centroid origin time
                                                                   04:35:21.1; Lat 51.35 N; Lon 178.02 W; Dep 35.0 Bdy; Half-
                                                                   duration 2.5 sec; Principal axes (scale 10**18 Nm): (T)
                                                                   Val=1.14, Plg=68, Azm=303; (N) Val=0.02, Plg=11, Azm=61;
                                                                   (P) Val=-1.17, Plg=19, Azm=154; Best double couple:
                                                                   Mo=1.2*10**18 Nm; NP1: Strike=262, Dip=28, Slip=114; NP2:
                                                                   Strike=55, Dip=65, Slip=78.
21  04 52 49.1& 37.034 N    3.815 W    2                        26  SPAIN. <MDD>. mbLg 3.0 (MDD). Felt (II) at Agron, Alhama de
                                                                    Granada, Arenas, Chimeneas and Granada.
21  05 01 13.9& 37.599 N    2.338 W   16                         5  SPAIN. <MDD>. mbLg 2.1 (MDD).
21  06 35 56.8? 26.15  N   93.01  E   33 N  4.0       0.5       8  NORTHEASTERN INDIA
21  07 05 54.5& 33.703 S   70.538 W   92                         8  CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.2 (GUC).
21  07 36 51.7& 41.950 S  173.460 E   16                        10  SOUTH ISLAND, NEW ZEALAND. <WEL>. ML 3.0 (WEL).
21  08 34 41.6? 9.20   S  108.78  W   10 G  4.2       1.4       9  CENTRAL EAST PACIFIC RISE
21  09 14 08.5  10.049 N  126.238 E   59 *  4.5       1.1      29  PHILIPPINE ISLANDS REGION
21  10 18 03.7   8.689 S  149.705 E  115 D  4.8       1.0      40  EASTERN NEW GUINEA REG., P.N.G.
21  10 24 50.5* 51.431 N  178.252 W   33 N  4.5       0.7      37  ANDREANOF ISLANDS, ALEUTIAN IS.
21  10 59 07.0& 43.060 S  174.520 E   33 N                       4  OFF E. COAST OF S. ISLAND, N.Z. <WEL>. ML 3.2 (WEL).
21  11 02 08.9  38.698 N   66.351 E   33 N  4.0       1.0      30  SOUTHEASTERN UZBEKISTAN. Felt (III) at Qamashi and (II) at
                                                                    Samarqand.
21  11 06 16.0  35.667 N  135.486 E  347 D  5.4       0.8     362  WESTERN HONSHU, JAPAN. Mw 5.5 (GS), 5.5 (HRV). Recorded (2
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JMA) in eastern Fukushima Prefecture and (1 JMA) in many parts of eastern and central Honshu.
Moment Tensor (GS): Dep 341; Principal axes (scale 10**17 Nm): (T) Val=2.05, Plg=5, Azm=323; (N) Val=0.00, Plg=9, Azm=53; (P) Val=-2.05, Plg=80, Azm=205; Best double couple: Mo=2.0*10**17 Nm; NP1: Strike=43, Dip=41, Slip=-103; NP2: Strike=241, Dip=50, Slip=-79.
Centroid, Moment Tensor (HRV): Centroid origin time 11:06:19.6; Lat 35.73 N; Lon 135.33 E; Dep 357.7; Half-duration 1.4 sec; Principal axes (scale 10**17 Nm): (T) Val=2.24, Plg=15, Azm=323; (N) Val=-0.18, Plg=2, Azm=53; (P) Val=-2.06, Plg=75, Azm=150; Best double couple: Mo=2.2*10**17 Nm; NP1: Strike=50, Dip=30, Slip=-94; NP2: Strike=234, Dip=60, Slip=-88.

21 11 18 31.7 45.434 N 150.588 E 65 * 4.6 0.8 45 KURIL ISLANDS
21 11 47 33.3& 41.270 S 174.130 E 46 12 COOK STRAIT, NEW ZEALAND. <WEL>.
21 11 54 31.7& 34.003 S 70.711 W 94 7 CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.3 (GUC).
21 11 59 31.4& 42.000 S 173.300 E 12 9 SOUTH ISLAND, NEW ZEALAND. <WEL>. ML 3.3 (WEL).
21 12 15 55.9 18.221 S 167.926 E 33 N 5.0 4.8 1.2 45 VANUATU ISLANDS
21 12 23 01.3& 40.181 N 0.334 W 14 8 SPAIN. <MDD>. mbLg 1.9 (MDD).
21 12 23 10.5 37.842 N 29.328 E 33 N 4.9 4.8 1.2 277 TURKEY. Mw 5.5 (HRV). MD 5.2 (ISK). ML 4.6 (CSS), 4.6 (THE). Minor damage in the epicentral area. Felt strongly at Denizli. Felt in much of Denizli Province.
Centroid, Moment Tensor (HRV): Centroid origin time 12:23:10.5; Lat 37.78 N; Lon 29.39 E; Dep 15.0 Fix; Half-duration 1.1 sec; Principal axes (scale 10**17 Nm): (T) Val=1.59, Plg=28, Azm=58; (N) Val=0.49, Plg=17, Azm=157; (P) Val=-2.08, Plg=56, Azm=275; Best double couple: Mo=1.8*10**17 Nm; NP1: Strike=110, Dip=23, Slip=-139; NP2: Strike=342, Dip=75, Slip=-72.
21 12 29 09.3 37.773 N 29.208 E 10 G 3.9 1.0 30 TURKEY
21 12 59 46.5* 44.450 N 11.895 E 10 G 1.3 6 NORTHERN ITALY. ML 2.8 (LDG).
21 13 12 14.7% 43.801 N 7.020 E 10 G 0.3 8 NEAR SOUTH COAST OF FRANCE
21 13 55 28.2 44.380 N 11.914 E 10 G 3.7 1.3 28 NORTHERN ITALY. ML 3.6 (VIE), 3.3 (STR), 3.1 (LDG), 3.0 (TRI).
21 14 58 28.5& 45.020 S 167.550 E 33 N 6 SOUTH ISLAND, NEW ZEALAND. <WEL>. ML 4.0 (WEL).
21 15 40 19.1* 36.682 N 33.395 W 10 G 4.7 0.6 21 AZORES ISLANDS REGION
21 16 06 53.5* 32.223 N 89.154 E 33 N 3.8 1.0 17 XIZANG
21 16 54 45.5& 40.150 S 173.780 E 205 7 COOK STRAIT, NEW ZEALAND. <WEL>.
21 17 43 17.5? 24.55 N 141.46 E 163 ? 1.3 16 VOLCANO ISLANDS, JAPAN REGION
21 19 16 05.3 22.312 N 143.399 E 109 D 5.1 1.1 122 VOLCANO ISLANDS, JAPAN REGION. Mw 5.2 (HRV).
Centroid, Moment Tensor (HRV): Centroid origin time 19:16:10.2; Lat 22.65 N; Lon 143.37 E; Dep 122.1; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=6.75, Plg=54, Azm=130; (N) Val=1.16, Plg=5, Azm=34; (P) Val=-7.91, Plg=36, Azm=300; Best double couple: Mo=7.3*10**16 Nm; NP1: Strike=7, Dip=10, Slip=63; NP2: Strike=215, Dip=81, Slip=95.
21 19 43 51.5* 39.554 N 74.760 E 65 * 3.7 1.2 12 SOUTHERN XINJIANG, CHINA
21 20 01 23.3& 43.581 N 6.476 E 2 6 NEAR SOUTH COAST OF FRANCE. <LDG>. MD 2.2 (LDG).
21 20 49 15.0* 3.086 S 139.708 E 33 N 4.3 1.1 10 IRIAN JAYA, INDONESIA
21 23 08 28.8& 45.168 N 7.281 E 11 5 NORTHERN ITALY. <GEN>. ML 2.1 (GEN).
21 23 27 40.7& 37.970 N 27.620 E 5 5 TURKEY. <ATH>. MD 3.5 (ATH).
22 00 12 14.9& 12.902 N 61.353 W 164 6 WINDWARD ISLANDS. <TRN>. MD 3.0 (TRN).
22 00 42 11.9& 38.300 S 176.720 E 184 7 NORTH ISLAND, NEW ZEALAND. <WEL>.
22 00 50 00.2* 15.888 S 166.695 E 33 N 1.3 5 VANUATU ISLANDS
22 00 54 30.0* 22.487 S 172.662 E 33 N 4.5 1.0 17 SOUTHEAST OF LOYALTY ISLANDS
22 01 30 58.0& 37.430 N 22.360 E 5 4 SOUTHERN GREECE. <ATH>. MD 2.7 (ATH).
22 02 03 47.1 51.711 N 16.152 E 5 G 1.3 35 POLAND. ML 3.7 (GRF), 3.5 (VIE), 3.4 (FUR).
22 02 19 36.1 39.345 N 75.234 E 61 * 4.2 1.1 44 SOUTHERN XINJIANG, CHINA
22 02 25 42.9% 4.421 N 75.873 W 181 ? 1.1 8 COLOMBIA
22 02 32 35.2* 33.149 S 178.375 W 33 N 4.4 1.1 22 SOUTH OF KERMADEC ISLANDS
22 02 50 38.6 22.015 S 66.924 W 194 * 3.9 1.0 10 JUJUY PROVINCE, ARGENTINA
22 02 59 37.1* 51.208 N 15.852 E 5 G 1.1 6 POLAND. MG 2.4 (WAR).
22 03 23 47.5 44.446 N 11.807 E 10 G 0.9 13 NORTHERN ITALY. ML 2.8 (LDG), 2.7 (VIE).
22 03 58 35.4* 32.623 S 179.937 W 278 ? 4.0 0.9 15 SOUTH OF KERMADEC ISLANDS
22 04 20 13.6 51.765 N 101.801 E 10 G 0.9 9 RUSSIA-MONGOLIA BORDER REGION. Felt (II) at Kyren, Russia.
22 05 03 25.1* 2.266 N 26.202 W 10 G 3.9 1.1 15 CENTRAL MID-ATLANTIC RIDGE
22 05 04 37.3 14.146 S 177.896 E 33 N 5.0 5.0 1.1 104 FIJI ISLANDS REGION. Mw 5.4 (HRV).
Centroid, Moment Tensor (HRV): Centroid origin time 05:04:41.1; Lat 13.83 S; Lon 177.81 E; Dep 15.0 Fix; Half-duration 1.1 sec; Principal axes (scale 10**17 Nm): (T) Val=1.48, Plg=16, Azm=108; (N) Val=0.01, Plg=67, Azm=241; (P) Val=-1.49, Plg=16, Azm=13; Best double couple: Mo=1.5*10**17 Nm; NP1: Strike=150, Dip=67, Slip=180; NP2: Strike=240, Dip=90, Slip=23.
22 06 43 25.6& 46.863 N 121.975 W 9 57 WASHINGTON. <SEA-P>. MD 3.6 (SEA). Felt at Dupont, Eatonville, Greenwater, Snoqualmie and Tacoma.
22 06 44 22.7& 37.488 N 118.840 W 4 15 CALIFORNIA-NEVADA BORDER REGION. <NC-P>. MD 3.1 (NC). ML 3.0 (BRK).
22 06 48 44.9& 42.781 N 7.229 W 0 G 9 SPAIN. <MDD>. mbLg 2.8 (MDD).
22 08 23 54.9* 1.122 N 118.158 E 33 N 4.2 0.9 10 BORNEO
22 08 46 33.0 42.044 N 48.708 E 63 D 4.8 1.1 137 CASPIAN SEA. Felt (IV) at Derbent and (II) at Makhachkala, Russia.
22 09 01 16.9? 13.62 N 91.11 W 33 N 3.8 1.4 15 NEAR COAST OF GUATEMALA
22 10 15 17.5 36.379 N 70.503 E 211 D 4.2 1.0 50 HINDU KUSH REGION, AFGHANISTAN
22 10 24 31.9 8.669 S 122.473 E 10 G 4.5 1.1 21 FLORES REGION, INDONESIA
22 10 25 05.8& 34.436 N 116.254 W 4 12 SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS).
22 11 13 47.6 39.230 N 15.155 E 293 4.4 1.1 208 SOUTHERN ITALY
22 11 15 56.0& 32.066 S 71.679 W 39 11 NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.8 (GUC).
22 11 35 17.7* 6.453 S 128.883 E 212 ? 4.3 1.1 27 BANDA SEA
22 11 44 34.5 50.558 N 89.811 E 33 N 4.5 4.1 0.9 46 RUSSIA-MONGOLIA BORDER REGION
22 12 31 43.4& 41.480 S 171.950 E 12 5 SOUTH ISLAND, NEW ZEALAND. <WEL>. ML 3.5 (WEL). Felt at

													Seddonville.
22	14	41	55.1*	45.383	N	26.996	E	33	N		0.9	5	ROMANIA
22	15	00	56.2	42.633	N	144.079	E	80	*	3.7	0.9	13	HOKKAIDO, JAPAN REGION. Recorded (1 JMA) in eastern Hokkaido.
22	15	07	25.2&	44.597	N	7.185	E	13				4	NORTHERN ITALY. <GEN>. ML 1.7 (GEN).
22	15	09	10.9&	18.800	N	65.989	W	42				6	PUERTO RICO REGION. <RSPR>. MD 2.9 (RSPR).
22	15	27	14.6?	55.57	S	25.42	W	33	N	4.1	1.2	8	SOUTH SANDWICH ISLANDS REGION
22	15	40	56.8*	12.534	N	142.762	E	63	?	4.2	1.2	13	SOUTH OF MARIANA ISLANDS
22	15	41	32.0	25.815	N	95.016	E	74	D	4.4	1.3	90	MYANMAR-INDIA BORDER REGION
22	16	07	38.1&	35.687	N	118.444	W	5				8	CENTRAL CALIFORNIA. <PAS-P>. ML 2.7 (PAS).
22	17	30	10.5&	38.038	N	0.916	W	11				42	SPAIN. <MDD>. mbLg 3.3 (MDD). Felt (V) at San Miguel de Salinas and Torremendo; (IV) at Algorfa, Almoradi, Benejuzar, Bigastro, Cabezo de la Plata, Dolores, Orihuela, Rafal and Redovan; (III) at Arneva, Beniel, Benijofar, Callosa de Segura, Catral, Daya Nueva, Dehesa de Campoamor, Guardamar del Segura, Los Montesinos, Rojales, Santomera and Torrevieja; (II) at Albatera, Crevillente, Elche, Murcia and San Pedro del Pinatar.
22	17	49	02.1*	50.455	N	97.367	E	33	N	4.0	1.3	15	RUSSIA-MONGOLIA BORDER REGION
22	18	33	08.2	8.935	S	158.152	E	33	N	4.7	0.7	50	SOLOMON ISLANDS
22	18	33	23.0?	16.87	N	93.77	W	173	?	3.9	0.9	22	CHIAPAS, MEXICO
22	18	51	36.2*	4.223	S	126.809	E	33	N		1.1	10	BANDA SEA
22	19	08	51.3&	34.579	N	116.257	W	6				13	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS).
22	19	20	00.6	10.306	N	126.580	E	33	N	3.8	0.9	17	PHILIPPINE ISLANDS REGION
22	19	28	17.2	8.171	S	117.780	E	33	N		0.6	10	SUMBAWA REGION, INDONESIA
22	19	58	50.0	51.992	N	107.941	E	10	G		0.4	8	LAKE BAYKAL REGION, RUSSIA. Felt (III) at Ulan-Ude.
22	20	01	05.8	14.392	N	119.599	E	43	D	4.5	1.3	28	LUZON, PHILIPPINES
22	20	09	44.4*	14.524	N	119.581	E	36	D		1.4	12	LUZON, PHILIPPINES
22	21	36	28.4	27.052	S	69.050	W	121	D	4.8	1.1	80	NORTHERN CHILE. Felt (III) at Copiapo and El Salvador.
22	21	38	10.8	39.863	N	66.945	E	33	N	4.6 4.2	1.0	109	SOUTHEASTERN UZBEKISTAN. Felt (III) at Samarqand.
22	22	16	12.5	51.170	N	15.842	E	5	G		0.7	9	POLAND. MG 2.6 (WAR).
22	22	26	48.3&	36.821	N	2.999	W	1				11	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.3 (MDD).
22	22	33	07.5*	68.185	N	160.586	W	10	G	2.9	0.7	8	NORTHERN ALASKA
22	23	24	04.3	19.206	S	168.717	E	55	*	4.8 4.1	1.0	76	VANUATU ISLANDS
23	00	27	18.3*	12.528	N	142.959	E	33	N	3.9	0.9	8	SOUTH OF MARIANA ISLANDS
23	00	30	46.9	71.477	N	3.936	W	10	G	4.2	1.1	33	JAN MAYEN ISLAND REGION
23	00	32	25.6*	24.196	S	66.853	W	149		4.3	1.3	24	SALTA PROVINCE, ARGENTINA
23	00	34	57.7*	71.457	N	3.639	W	10	G		1.3	9	JAN MAYEN ISLAND REGION
23	00	36	55.2&	39.590	N	20.680	E	38				5	GREECE-ALBANIA BORDER REGION. <ATH>. MD 3.0 (ATH).
23	00	49	26.5*	17.396	S	178.871	W	550	G	4.2	0.9	32	FIJI ISLANDS REGION
23	00	51	37.4	52.745	N	35.069	W	10	G	4.4	0.7	13	REYKJANES RIDGE
23	00	57	16.4?	9.12	S	158.21	E	33	N	4.2	1.1	9	SOLOMON ISLANDS
23	02	08	54.5	42.026	N	15.277	E	10	G		0.5	9	ADRIATIC SEA
23	02	35	12.6&	17.806	N	66.957	W	22				4	PUERTO RICO REGION. <RSPR>. MD 2.5 (RSPR).
23	03	23	23.5*	31.604	S	68.597	W	150	G		1.1	11	SAN JUAN PROVINCE, ARGENTINA. MD 3.9 (GUC).
23	03	36	50.6	5.399	S	152.676	E	43	*	5.2 5.1	1.1	102	NEW BRITAIN REGION, P.N.G. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 03:36:54.2; Lat 5.68 S; Lon 152.70 E; Dep 17.0 Bdy; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=1.21, Plg=63, Azm=314; (N) Val=0.00, Plg=9, Azm=63; (P) Val=-1.20, Plg=25, Azm=157; Best double couple: Mo=1.2*10**17 Nm; NP1: Strike=268, Dip=21, Slip=117; NP2: Strike=60, Dip=71, Slip=80.
23	03	44	13.5&	33.000	S	72.164	W	14				9	OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.3 (GUC).
23	04	06	36.2	12.519	N	142.713	E	66	*	4.6	1.2	34	SOUTH OF MARIANA ISLANDS
23	04	56	38.6&	34.671	N	33.287	E	20		3.5		24	CYPRUS REGION. <CSS>. ML 3.8 (CSS), 3.6 (GII).
23	05	08	31.4&	38.350	N	21.860	E	5				4	GREECE. <ATH>. MD 3.1 (ATH).
23	05	20	56.4&	34.706	N	33.220	E	5				7	CYPRUS REGION. <CSS>. ML 2.6 (CSS).
23	06	01	33.5&	40.590	S	175.740	E	42				12	NORTH ISLAND, NEW ZEALAND. <WEL>.
23	06	03	49.9?	5.56	S	152.83	E	33	N	4.3	1.4	9	NEW BRITAIN REGION, P.N.G.
23	06	05	46.5&	37.392	N	3.819	W	0	G			11	SPAIN. <MDD>. mbLg 1.9 (MDD).
23	06	48	51.2	14.522	N	119.802	E	64		4.7	1.0	53	LUZON, PHILIPPINES
23	07	02	40.4*	12.750	N	142.736	E	33	N	4.2	1.4	11	SOUTH OF MARIANA ISLANDS
23	07	06	59.1&	33.045	S	72.156	W	15				11	OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.8 (GUC).
23	07	57	44.3	2.819	S	101.286	E	67	*	4.8	0.9	61	SOUTHERN SUMATERA, INDONESIA
23	08	08	20.0	44.019	N	128.206	W	10	G	4.1	0.7	48	OFF COAST OF OREGON
23	08	48	39.0&	35.283	N	118.532	W	1				22	CENTRAL CALIFORNIA. <PAS-P>. ML 3.4 (PAS).
23	09	16	21.7&	44.030	N	7.320	E	1				21	NORTHERN ITALY. <STR>. ML 2.2 (STR), 2.2 (GEN), 2.1 (LDG).
23	09	27	23.3	28.307	S	62.990	W	609	D	6.6	0.9	568	SANTIAGO DEL ESTERO PROV., ARG. Mw 7.0 (GS), 7.0 (HRV). Me 6.9 (GS). Felt in La Rioja Province. Broadband Source Parameters (GS): Dep 610; NP1: Strike=170, Dip=87, Slip=-100; NP2: Strike=63, Dip=10, Slip=-17; Radiated energy 4.7*10**14 Nm. Moment Tensor (GS): Dep 614; Principal axes (scale 10**19 Nm): (T) Val=3.16, Plg=42, Azm=259; (N) Val=0.07, Plg=0, Azm=349; (P) Val=-3.24, Plg=48, Azm=80; Best double couple: Mo=3.2*10**19 Nm; NP1: Strike=343, Dip=3, Slip=-96; NP2: Strike=169, Dip=87, Slip=-90. Centroid, Moment Tensor (HRV): Centroid origin time 09:27:29.4; Lat 28.41 S; Lon 63.04 W; Dep 607.9; Half-duration 7.1 sec; Principal axes (scale 10**19 Nm): (T) Val=3.10, Plg=43, Azm=257; (N) Val=-0.03, Plg=4, Azm=351; (P) Val=-3.07, Plg=47, Azm=85; Best double couple: Mo=3.1*10**19 Nm; NP1: Strike=290, Dip=5, Slip=-150; NP2: Strike=171, Dip=88, Slip=-86.
23	09	53	17.4&	35.205	S	71.656	W	35				11	CENTRAL CHILE. <GUC>. MD 3.5 (GUC).
23	10	27	59.9?	12.56	N	142.74	E	33	N	3.6	1.0	5	SOUTH OF MARIANA ISLANDS
23	10	31	10.6&	33.313	S	72.469	W	32				10	OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.5 (GUC).
23	10	42	35.1	5.210	S	151.796	E	65		5.1	0.9	91	NEW BRITAIN REGION, P.N.G.
23	11	40	13.8*	37.546	N	71.318	E	181	?	3.3	1.5	10	AFGHANISTAN-TAJIKISTAN BORD REG.
23	12	09	39.3&	37.480	S	177.420	E	275				7	OFF E. COAST OF N. ISLAND, N.Z. <WEL>.
23	12	15	43.3*	35.486	N	141.258	E	33	N	4.1	0.9	10	NEAR EAST COAST OF HONSHU, JAPAN
23	12	21	30.8*	12.519	N	142.465	E	33	N	4.3	0.9	11	SOUTH OF MARIANA ISLANDS .
23	12	48	54.3	28.389	S	62.947	W	622		4.5	0.6	44	SANTIAGO DEL ESTERO PROV., ARG.

23	12	52	54.8*	18.974	S	71.614	W	33	N	3.7	0.1	5 OFF COAST OF NORTHERN CHILE
23	13	04	35.3&	9.329	N	125.861	E	33	N		0.8	7 MINDANAO, PHILIPPINES
23	13	29	13.5&	41.480	S	172.010	E	12				8 SOUTH ISLAND, NEW ZEALAND. <WEL>. ML 3.7 (WEL). Felt at Seddonville.
23	13	44	16.3&	17.017	N	60.983	W	19				6 LEEWARD ISLANDS. <FDF>. MG 3.4 (FDF).
23	13	53	33.9	38.048	N	27.867	E	10	G	4.1	1.3	73 TURKEY. MD 4.2 (ATH), 4.1 (ISK).
23	13	59	48.0	3.653	N	128.814	E	33	N	4.5	0.7	13 NORTH OF HALMAHERA, INDONESIA
23	15	03	42.7&	32.538	S	72.098	W	31				9 OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.7 (GUC).
23	15	24	43.1&	41.173	N	2.043	W	10				8 SPAIN. <MDD>. mbLg 2.5 (MDD).
23	15	56	48.3&	37.960	N	27.900	E	5				11 TURKEY. <ATH>. MD 3.9 (ATH).
23	16	28	53.5&	39.540	S	174.580	E	196				8 NORTH ISLAND, NEW ZEALAND. <WEL>.
23	17	01	17.4	28.384	S	62.943	W	610	D	5.8	0.9	433 SANTIAGO DEL ESTERO PROV., ARG. Mw 6.1 (GS), 6.1 (HRV). Me 5.7 (GS). Broadband Source Parameters (GS): Dep 610; NP1: Strike=160, Dip=85, Slip=-130; NP2: Strike=64, Dip=40, Slip=-8; Radiated energy 7.2*10**12 Nm. Moment Tensor (GS): Dep 611; Principal axes (scale 10**18 Nm): (T) Val=1.54, Plg=40, Azm=262; (N) Val=-0.31, Plg=9, Azm=164; (P) Val=-1.24, Plg=49, Azm=63; Best double couple: Mo=1.4*10**18 Nm; NP1: Strike=48, Dip=11, Slip=-26; NP2: Strike=164, Dip=85, Slip=-100. Centroid, Moment Tensor (HRV): Centroid origin time 17:01:22.2; Lat 28.43 S; Lon 62.96 W; Dep 610.4; Half-duration 2.7 sec; Principal axes (scale 10**18 Nm): (T) Val=1.74, Plg=41, Azm=264; (N) Val=-0.47, Plg=4, Azm=170; (P) Val=-1.27, Plg=48, Azm=75; Best double couple: Mo=1.5*10**18 Nm; NP1: Strike=40, Dip=5, Slip=-40; NP2: Strike=170, Dip=86, Slip=-94.
23	17	10	48.2	5.366	S	151.469	E	105		5.0	1.0	54 NEW BRITAIN REGION, P.N.G. Mw 5.6 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 17:10:53.2; Lat 5.16 S; Lon 151.84 E; Dep 82.6; Half-duration 1.1 sec; Principal axes (scale 10**17 Nm): (T) Val=2.61, Plg=58, Azm=299; (N) Val=-0.11, Plg=29, Azm=145; (P) Val=-2.50, Plg=11, Azm=48; Best double couple: Mo=2.6*10**17 Nm; NP1: Strike=107, Dip=42, Slip=44; NP2: Strike=342, Dip=62, Slip=123.
23	17	42	39.8*	36.602	N	141.135	E	53	*	4.5 4.6	1.2	46 NEAR EAST COAST OF HONSHU, JAPAN. Recorded (1 JMA) in Fukushima, Ibaraki and Tochigi Prefectures.
23	18	40	23.6&	33.021	S	72.126	W	15				8 OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.5 (GUC).
23	20	32	22.2&	38.330	N	21.790	E	5				16 GREECE. <ATH>. ML 3.4 (ATH).
23	20	36	52.9*	53.221	S	118.008	W	10	G	4.8 5.3	1.5	40 SOUTHERN EAST PACIFIC RISE. Mw 5.6 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 20:37:01.9; Lat 53.30 S; Lon 118.21 W; Dep 15.0 Fix; Half-duration 1.5 sec; Principal axes (scale 10**17 Nm): (T) Val=3.30, Plg=13, Azm=62; (N) Val=-0.68, Plg=77, Azm=247; (P) Val=-2.62, Plg=1, Azm=152; Best double couple: Mo=3.0*10**17 Nm; NP1: Strike=198, Dip=80, Slip=9; NP2: Strike=107, Dip=82, Slip=170.
23	20	57	01.8*	8.847	N	126.466	E	66	*	4.2	1.3	22 MINDANAO, PHILIPPINES
23	21	13	28.1	44.369	N	11.852	E	10	G		0.5	11 NORTHERN ITALY. ML 2.8 (VIE), 2.7 (LDG).
23	21	16	29.5&	33.452	S	70.177	W	103				5 CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.3 (GUC).
23	21	24	57.4	44.365	N	11.897	E	10	G	3.7	0.7	26 NORTHERN ITALY. ML 3.7 (VIE), 3.3 (STR), 3.3 (LDG), 3.1 (TRI).
23	21	28	38.9	44.387	N	11.922	E	10	G		1.1	50 NORTHERN ITALY. ML 3.8 (FUR), 3.7 (VIE), 3.5 (STR), 3.5 (LDG), 3.3 (FBB), 3.2 (TRI).
23	21	50	21.2*	44.109	N	12.102	E	10	G		1.0	9 NORTHERN ITALY. ML 3.3 (TRI), 3.1 (VIE), 2.9 (LDG).
23	22	25	25.2&	39.660	N	26.420	E	5				11 TURKEY. <ATH>. MD 3.3 (ATH).
23	22	56	43.1&	47.223	N	3.669	E	2				7 FRANCE. <LDG>. MD 1.9 (LDG).
23	23	12	53.7?	8.32	N	103.53	W	10	G	3.9	1.0	9 NORTHERN EAST PACIFIC RISE
23	23	15	30.5&	46.685	N	7.241	E	3	G			14 SWITZERLAND. <LDG>. ML 1.9 (LDG), 1.9 (STR).
23	23	58	19.5&	18.016	N	67.176	W	12				4 MONA PASSAGE. <RSPR>. ML 2.8 (RSPR).
24	00	21	10.1&	44.359	N	7.300	E	12				5 NORTHERN ITALY. <GEN>. ML 1.6 (GEN).
24	00	22	56.8	52.992	N	142.879	E	10	G	3.9	1.3	20 SAKHALIN ISLAND, RUSSIA. Felt (V) at Russa and (III) at Moskalvo and Okha.
24	00	34	18.1	51.652	N	16.248	E	5	G		0.7	25 POLAND. ML 3.5 (VIE), 3.5 (GRF), 3.3 (FUR).
24	01	39	33.4&	37.980	S	176.490	E	5				5 NORTH ISLAND, NEW ZEALAND. <WEL>. ML 3.4 (WEL). Felt at Lake Rotoiti.
24	02	42	24.2&	34.691	N	116.369	W	3				25 SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS).
24	02	50	47.2&	43.021	N	0.366	E	7	G			12 FRANCE. <LDG>. ML 2.3 (STR), 2.2 (LDG).
24	03	37	50.4&	33.556	S	70.073	W	8				10 CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.1 (GUC).
24	04	38	12.0	44.350	N	11.847	E	10	G	3.5	1.1	27 NORTHERN ITALY. ML 3.5 (VIE), 3.1 (LDG), 3.0 (TRI).
24	04	50	43.1?	1.28	S	80.34	W	33	N	3.6	1.0	10 NEAR COAST OF ECUADOR
24	04	51	26.4?	43.39	N	128.47	W	10	G	2.5	0.4	28 OFF COAST OF OREGON
24	05	10	55.7&	54.770	N	2.810	W	14				9 UNITED KINGDOM. <BGS>. ML 2.6 (BGS). Felt (III) in parts of Cumbria.
24	05	14	47.2&	39.130	S	175.640	E	5				4 NORTH ISLAND, NEW ZEALAND. <WEL>. ML 2.4 (WEL).
24	05	46	09.0&	40.000	S	175.020	E	10				10 NORTH ISLAND, NEW ZEALAND. <WEL>. ML 3.0 (WEL).
24	05	53	02.4*	20.441	S	68.613	W	143	*	3.7	0.6	7 CHILE-BOLIVIA BORDER REGION
24	06	43	38.2&	37.990	S	176.480	E	5				5 NORTH ISLAND, NEW ZEALAND. <WEL>. ML 3.1 (WEL).
24	06	56	08.7*	17.748	S	178.733	W	600	G		0.8	12 FIJI ISLANDS REGION
24	07	34	55.6*	52.551	S	12.084	E	10	G	4.7 4.2	1.0	16 SOUTHWEST OF AFRICA
24	07	41	41.2&	32.750	S	70.808	W	72				10 CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.6 (GUC).
24	07	45	38.9*	12.495	N	142.819	E	68	?	4.2 4.1	1.3	11 SOUTH OF MARIANA ISLANDS
24	08	21	12.7?	12.51	N	142.71	E	33	N	4.0	1.3	9 SOUTH OF MARIANA ISLANDS
24	08	22	04.3*	43.741	N	10.829	E	10	G		1.3	15 CENTRAL ITALY. ML 2.8 (LDG).
24	09	02	05.5?	12.53	N	142.70	E	33	N	4.6	1.2	12 SOUTH OF MARIANA ISLANDS
24	09	53	36.2*	12.560	N	142.787	E	33	N	4.3 4.3	1.4	12 SOUTH OF MARIANA ISLANDS
24	10	04	14.8	51.312	N	178.005	W	33	N	4.8	1.1	95 ANDREANOF ISLANDS, ALEUTIAN IS. ML 5.0 (PMR).
24	10	32	17.2	17.976	S	70.631	W	56	D	5.1	1.1	67 NEAR COAST OF PERU. Felt (IV) at Arica, Chile. Also felt (III) at Moquegua.
24	10	45	43.9*	43.817	N	10.754	E	10	G		1.2	14 CENTRAL ITALY. ML 2.9 (LDG), 2.9 (VIE).
24	10	49	04.3?	12.65	N	142.88	E	33	N	3.4	1.1	6 SOUTH OF MARIANA ISLANDS
24	11	17	39.8&	44.102	N	7.395	E	9				6 NORTHERN ITALY. <GEN>. ML 1.8 (GEN).

24	11	52	04.6*	53.387	S	41.568	W	10	G	4.6	0.9	16	SOUTH ATLANTIC OCEAN
24	12	00	43.7&	33.465	S	70.108	W	10				10	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.4 (GUC).
24	12	40	11.6	19.840	S	177.776	W	550	G	4.2	0.8	35	FIJI ISLANDS REGION
24	13	02	21.5	12.471	N	142.563	E	33	N	4.7 3.9	1.2	30	SOUTH OF MARIANA ISLANDS
24	13	44	06.5*	12.563	N	142.355	E	33	N	3.9	1.1	7	SOUTH OF MARIANA ISLANDS
24	13	46	51.4&	62.544	N	150.757	W	86				27	CENTRAL ALASKA. <AEIC>.
24	13	48	13.3	12.454	N	142.604	E	33	N	4.9 4.5	0.9	45	SOUTH OF MARIANA ISLANDS. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 13:48:13.4; Lat 12.45 N Fix; Lon 142.60 E Fix; Dep 33.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=7.20, Plg=9, Azm=331; (N) Val=0.22, Plg=69, Azm=87; (P) Val=-7.42, Plg=18, Azm=238; Best double couple: Mo=7.3*10**16 Nm; NP1: Strike=16, Dip=70, Slip=-173; NP2: Strike=283, Dip=84, Slip=-20.
24	13	51	31.1&	32.041	S	69.790	W	145				10	MENDOZA PROVINCE, ARGENTINA. <GUC>. MD 3.4 (GUC).
24	14	49	09.6&	44.456	N	6.793	E	1				27	FRANCE. <GEN>. ML 2.5 (GEN), 2.2 (LDG), 2.2 (STR).
24	15	11	23.7*	35.267	N	60.845	E	33	N	4.3 4.1	1.1	21	NORTHERN AND CENTRAL IRAN. ML 4.2 (TEH).
24	15	40	50.1	5.815	S	110.575	E	548		4.5	1.0	55	JAVA SEA
24	15	45	15.7	41.004	N	50.102	E	33	N	4.0	1.1	28	CASPIAN SEA
24	16	01	47.8*	35.276	N	60.926	E	33	N	4.0	1.2	14	NORTHERN AND CENTRAL IRAN. ML 4.0 (TEH).
24	16	12	12.3&	41.130	S	174.530	E	43				11	COOK STRAIT, NEW ZEALAND. <WEL>.
24	16	15	06.1?	12.25	N	142.78	E	33	N		0.8	6	SOUTH OF MARIANA ISLANDS
24	16	16	04.6*	12.587	N	142.518	E	33	N	4.6	1.1	12	SOUTH OF MARIANA ISLANDS
24	16	16	19.6?	12.58	N	142.74	E	33	N	4.5	1.1	7	SOUTH OF MARIANA ISLANDS
24	16	54	36.8	5.775	S	110.597	E	556		4.3	1.0	61	JAVA SEA
24	17	03	18.0*	11.477	N	126.024	E	33	N		1.3	10	PHILIPPINE ISLANDS REGION
24	17	08	10.3*	12.088	N	88.373	W	33	N	4.5	1.1	26	OFF COAST OF CENTRAL AMERICA
24	17	17	57.7	38.646	N	66.350	E	33	N	4.1	0.9	16	SOUTHEASTERN UZBEKISTAN
24	17	25	43.9*	14.415	S	167.065	E	251	*	4.4	0.9	49	VANUATU ISLANDS
24	17	37	54.3&	40.160	N	24.430	E	5				18	AEGEAN SEA. <ATH>. ML 3.7 (ATH).
24	17	55	30.5&	60.754	N	150.887	W	62		2.5		46	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.6 (AEIC).
24	19	31	12.4*	51.583	N	16.153	E	5	G		0.9	12	POLAND. ML 3.1 (VIE).
24	19	44	36.9&	34.596	N	116.302	W	2				7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
24	20	14	59.2	6.077	S	149.764	E	68	*	4.8 4.5	1.2	60	NEW BRITAIN REGION, P.N.G.
24	21	09	40.5&	38.350	S	174.440	E	33	N			13	NORTH ISLAND, NEW ZEALAND. <WEL>. ML 4.1 (WEL).
24	22	38	36.3	12.577	N	142.677	E	63	*	4.6 3.9	0.9	34	SOUTH OF MARIANA ISLANDS
24	22	48	28.6*	17.889	S	178.230	W	600	G	4.5	0.8	16	FIJI ISLANDS REGION
24	22	53	27.9*	38.723	N	66.698	E	33	N	3.4	1.4	7	SOUTHEASTERN UZBEKISTAN
24	22	56	11.3*	12.063	N	125.350	E	73	*		0.9	10	SAMAR, PHILIPPINES
24	23	35	10.2*	8.587	S	114.930	E	123			0.7	9	BALI REGION, INDONESIA
24	23	35	12.6&	41.040	S	175.390	E	26				11	NORTH ISLAND, NEW ZEALAND. <WEL>. ML 3.3 (WEL).
24	23	42	11.4?	12.53	N	142.91	E	33	N	3.9	0.8	7	SOUTH OF MARIANA ISLANDS
24	23	44	07.3*	24.432	N	142.978	E	33	N		1.1	7	VOLCANO ISLANDS, JAPAN REGION
25	00	23	18.0	13.267	S	74.960	W	108	D	5.1	0.9	169	CENTRAL PERU. Mw 5.1 (HRV). Felt (II) at Ayacucho and Ica. Centroid, Moment Tensor (HRV): Centroid origin time 00:23:26.9; Lat 13.14 S; Lon 75.07 W; Dep 107.5 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=3.45, Plg=20, Azm=283; (N) Val=1.92, Plg=15, Azm=187; (P) Val=-5.37, Plg=64, Azm=64; Best double couple: Mo=4.4*10**16 Nm; NP1: Strike=37, Dip=28, Slip=-57; NP2: Strike=181, Dip=67, Slip=-106.
25	00	53	42.8&	33.250	S	70.805	W	75				10	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.3 (GUC).
25	01	12	23.2&	34.514	N	31.907	E	25				4	CYPRUS REGION. <CSS>. ML 2.3 (CSS).
25	01	27	58.6*	41.021	N	50.312	E	33	N	3.5	1.0	14	CASPIAN SEA
25	02	03	28.7*	12.524	N	142.580	E	33	N	4.8	1.3	30	SOUTH OF MARIANA ISLANDS
25	02	41	14.8&	31.737	S	71.071	W	107				11	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.5 (GUC). Felt (II) at Illapel.
25	02	46	14.0	44.319	N	11.889	E	10	G		1.2	21	NORTHERN ITALY. ML 3.1 (VIE), 2.8 (LDG), 2.8 (TRI).
25	02	59	16.8*	20.826	S	168.359	E	33	N	4.6	1.2	37	LOYALTY ISLANDS
25	03	10	18.9&	47.490	N	3.293	W	10	G			7	FRANCE. <LDG>. ML 2.2 (LDG).
25	03	16	08.1?	37.30	S	176.35	E	234	*		1.1	19	NORTH ISLAND, NEW ZEALAND
25	03	17	32.0?	12.64	N	142.65	E	33	N	4.4	1.1	12	SOUTH OF MARIANA ISLANDS
25	03	30	29.4	12.599	N	142.672	E	69	*	4.6	0.9	41	SOUTH OF MARIANA ISLANDS
25	03	43	25.6	10.126	S	122.796	E	33	N	5.2	1.3	91	SAVU SEA. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 03:43:30.5; Lat 10.13 S Fix; Lon 122.80 E Fix; Dep 33.0 Fix; Half-duration 1.3 sec; Principal axes (scale 10**17 Nm): (T) Val=1.08, Plg=23, Azm=350; (N) Val=0.49, Plg=59, Azm=215; (P) Val=-1.57, Plg=19, Azm=88; Best double couple: Mo=1.3*10**17 Nm; NP1: Strike=130, Dip=59, Slip=3; NP2: Strike=39, Dip=88, Slip=149.
25	04	26	29.9	45.350	S	167.279	E	91	*	5.0	1.2	40	SOUTH ISLAND, NEW ZEALAND. Felt from Invercargill to Queenstown.
25	05	24	01.2&	11.240	N	61.986	W	16				7	WINDWARD ISLANDS. <TRN>. MD 2.8 (TRN).
25	07	37	43.0*	4.262	S	143.785	E	137		4.7	1.0	24	NEW GUINEA, PAPUA NEW GUINEA
25	07	42	42.5&	30.268	S	71.525	W	36				8	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.8 (GUC). Felt (IV) at Andacollo and (II) at Ovalle.
25	08	14	18.6&	47.760	N	6.870	E	1	G			5	FRANCE. <STR>. ML 1.8 (STR).
25	08	16	19.3&	34.651	N	116.299	W	1				11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
25	09	25	32.0&	47.630	N	114.310	W	3				10	MONTANA. <BUT-P>. ML 3.0 (BUT).
25	10	08	25.0&	45.189	N	5.517	E	2	G			13	FRANCE. <LDG>. ML 2.3 (STR), 2.1 (LDG).
25	10	12	53.5&	37.900	N	27.770	E	5				4	TURKEY. <ATH>. MD 3.6 (ATH).
25	10	37	09.5&	60.085	N	152.816	W	115				23	SOUTHERN ALASKA. <AEIC>.
25	10	51	39.5*	16.552	N	98.933	W	33	N	4.6	1.1	54	NEAR COAST OF GUERRERO, MEXICO
25	11	06	55.5	1.269	N	122.855	E	33	N	4.6	1.4	26	MINAHASSA PENINSULA, SULAWESI
25	11	43	34.6	41.738	N	23.808	E	10	G		1.3	10	GREECE-BULGARIA BORDER REGION
25	11	57	31.3	11.664	N	142.008	E	57	*	5.1 4.1	0.9	111	SOUTH OF MARIANA ISLANDS. Mw 5.1 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 11:57:36.9; Lat 11.66 N Fix; Lon 142.01 E Fix; Dep 63.3; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=4.83, Plg=70, Azm=0; (N) Val=1.59, Plg=20, Azm=174; (P) Val=-6.42, Plg=2, Azm=265; Best double couple: Mo=5.6*10**16 Nm; NP1: Strike=15, Dip=47, Slip=119; NP2:

													Strike=156, Dip=50, Slip=63.
25	12	14	57.8	12.502	N	142.668	E	33	N	4.6	4.1	1.1	24 SOUTH OF MARIANA ISLANDS
25	13	05	48.3&	40.690	S	173.430	E	166					12 COOK STRAIT, NEW ZEALAND. <WEL>.
25	13	35	42.0&	11.100	N	62.131	W	71					6 WINDWARD ISLANDS. <TRN>. MD 2.6 (TRN).
25	13	43	21.2*	22.282	N	143.595	E	137	?	4.3		0.8	19 VOLCANO ISLANDS, JAPAN REGION
25	14	06	26.9&	32.182	N	115.024	W	19		3.8			37 CALIF.-BAJA CALIF. BORDER REGION. <ECX>. MD 4.2 (ECX). ML 4.1 (PAS). Felt at Coahuila, Baja California and Luis B. Sanchez, Sonora. Also felt at Yuma, Arizona and El Centro, California.
25	15	01	24.7*	12.481	N	142.850	E	33	N	4.7	3.8	1.1	22 SOUTH OF MARIANA ISLANDS
25	15	24	47.1&	36.580	N	25.620	E	5					6 DODECANESE ISLANDS, GREECE. <ATH>. MD 3.7 (ATH).
25	15	26	12.3&	36.560	N	25.590	E	5					12 DODECANESE ISLANDS, GREECE. <ATH>. ML 3.6 (ATH).
25	15	28	11.0	40.319	N	143.242	E	10	G	5.1	4.7	0.9	164 OFF EAST COAST OF HONSHU, JAPAN. Mw 5.3 (HRV). Recorded (1 JMA) in Aomori, Iwate and Miyagi Prefectures. Centroid, Moment Tensor (HRV): Centroid origin time 15:28:19.2; Lat 40.46 N; Lon 143.43 E; Dep 17.0 Bdy; Half-duration 1.0 sec; Principal axes (scale 10**17 Nm): (T) Val=1.06, Plg=57, Azm=325; (N) Val=0.00, Plg=15, Azm=212; (P) Val=-1.06, Plg=29, Azm=113; Best double couple: Mo=1.1*10**17 Nm; NP1: Strike=168, Dip=21, Slip=44; NP2: Strike=35, Dip=76, Slip=105.
25	16	25	05.1&	38.840	N	23.670	E	5					18 GREECE. <ATH>. ML 3.5 (ATH).
25	17	08	17.2&	32.144	N	115.115	W	12					10 CALIF.-BAJA CALIF. BORDER REGION. <ECX>. MD 3.6 (ECX).
25	17	53	28.9&	47.330	N	1.736	W	3	G				16 FRANCE. <LDG>. ML 2.7 (LDG), 2.5 (STR).
25	18	18	33.0&	44.426	N	7.224	E	13					8 NORTHERN ITALY. <GEN>. ML 1.8 (GEN).
25	18	19	39.9&	47.100	N	1.990	W	2					6 FRANCE. <STR>. ML 2.9 (STR).
25	18	27	16.3	8.123	S	112.342	E	152		4.2		1.0	18 JAWA, INDONESIA
25	18	36	07.9&	33.164	N	115.640	W	5					17 SOUTHERN CALIFORNIA. <PAS-P>. ML 3.7 (PAS). Felt (IV) at Niland and (III) at Brawley, Calipatria and El Centro.
25	19	29	10.0	45.748	N	150.111	E	89		5.0		0.8	162 KURIL ISLANDS. Mw 5.1 (HRV). Felt (II) at Kurilsk. Centroid, Moment Tensor (HRV): Centroid origin time 19:29:13.2; Lat 45.63 N; Lon 149.83 E; Dep 61.3; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=3.72, Plg=68, Azm=22; (N) Val=2.70, Plg=12, Azm=142; (P) Val=-6.42, Plg=19, Azm=236; Best double couple: Mo=5.1*10**16 Nm; NP1: Strike=345, Dip=28, Slip=115; NP2: Strike=137, Dip=64, Slip=77.
25	19	38	00.1&	46.453	N	7.543	E	3	G				12 SWITZERLAND. <LDG>. ML 2.2 (LDG), 2.0 (STR).
25	19	48	19.8	37.685	N	139.899	E	44		4.6		0.8	73 EASTERN HONSHU, JAPAN. Recorded (3 JMA) in western Fukushima and (2 JMA) in central Niigata Prefectures.
25	19	51	33.1*	43.765	N	10.863	E	10	G			0.7	12 CENTRAL ITALY. ML 2.7 (LDG).
25	20	08	49.4*	37.795	N	140.016	E	33	N	3.5		0.6	6 EASTERN HONSHU, JAPAN
25	20	23	41.2*	23.386	N	121.040	E	53	*	4.0		1.3	20 TAIWAN. Recorded (3 TAP) in the epicentral area, (2 TAP) at Chia-i and (1 TAP) at Cheng-kung.
25	20	42	34.3*	12.125	N	88.033	W	33	N	4.6		1.2	30 OFF COAST OF CENTRAL AMERICA
25	20	44	56.9&	48.430	N	7.870	E	3	G				9 FRANCE. <STR>. ML 1.9 (LDG), 1.6 (STR).
25	21	53	51.3*	12.518	N	142.503	E	33	N	4.5	4.2	1.1	27 SOUTH OF MARIANA ISLANDS
25	22	42	00.4?	12.65	N	142.65	E	33	N	3.7		1.0	7 SOUTH OF MARIANA ISLANDS
25	23	01	58.0*	44.144	N	12.010	E	10	G			1.1	20 NORTHERN ITALY. ML 3.2 (VIE), 2.8 (LDG), 2.8 (TRI).
25	23	53	13.9*	29.987	N	140.002	E	33	N	4.2		1.2	11 SOUTHEAST OF HONSHU, JAPAN
26	00	00	15.7*	49.762	N	28.662	W	10	G	4.1		1.4	16 NORTHERN MID-ATLANTIC RIDGE
26	00	15	02.8*	12.565	N	142.573	E	33	N	4.3		1.1	14 SOUTH OF MARIANA ISLANDS
26	00	20	46.6&	37.790	N	21.160	E	5					8 SOUTHERN GREECE. <ATH>. MD 3.2 (ATH).
26	01	05	04.4	19.170	N	145.529	E	131	*	4.7		0.7	57 MARIANA ISLANDS
26	01	20	17.7&	36.333	N	118.058	W	4					22 CENTRAL CALIFORNIA. <PAS-P>. ML 3.3 (PAS).
26	01	24	48.9&	60.360	N	151.750	W	69					61 KENAI PENINSULA, ALASKA. <AEIC>. ML 2.9 (AEIC).
26	01	39	48.2*	22.279	N	143.405	E	157	?	4.1		0.7	20 VOLCANO ISLANDS, JAPAN REGION
26	02	10	10.6*	19.423	S	169.081	E	128	*	4.2		0.9	12 VANUATU ISLANDS
26	03	21	24.3	84.384	N	107.678	E	10	G	5.3	5.0	1.1	222 NORTH OF SEVERNAYA ZEMLYA. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 03:21:26.5; Lat 84.45 N; Lon 108.84 E; Dep 15.0 Fix; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=1.52, Plg=21, Azm=235; (N) Val=0.05, Plg=2, Azm=326; (P) Val=-1.58, Plg=69, Azm=62; Best double couple: Mo=1.5*10**17 Nm; NP1: Strike=321, Dip=24, Slip=-96; NP2: Strike=147, Dip=66, Slip=-87.
26	04	01	58.7*	84.349	N	105.941	E	10	G	4.2		1.4	13 NORTH OF SEVERNAYA ZEMLYA
26	04	20	09.8	84.445	N	106.367	E	10	G	4.6		1.3	44 NORTH OF SEVERNAYA ZEMLYA
26	05	37	17.3&	33.169	N	115.634	W	4					13 SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS).
26	05	39	05.1&	33.166	N	115.640	W	4					14 SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS).
26	06	16	04.3*	12.487	N	142.611	E	33	N	4.5	4.1	1.3	28 SOUTH OF MARIANA ISLANDS
26	07	46	35.2*	12.525	N	142.747	E	33	N	4.2		1.0	12 SOUTH OF MARIANA ISLANDS
26	07	58	59.5*	12.539	N	142.575	E	33	N	4.7		1.1	23 SOUTH OF MARIANA ISLANDS
26	09	21	39.4*	12.458	N	142.680	E	33	N	4.5		1.3	14 SOUTH OF MARIANA ISLANDS
26	09	41	13.4&	16.007	N	60.993	W	19					4 LEEWARD ISLANDS. <FDF>. MD 2.9 (FDF).
26	09	53	13.9	12.505	N	142.565	E	33	N	4.8	4.2	1.1	47 SOUTH OF MARIANA ISLANDS
26	10	02	41.3&	32.137	S	71.075	W	84					11 NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.0 (GUC).
26	10	40	59.9	12.542	N	142.729	E	62	*	4.9	4.3	1.1	63 SOUTH OF MARIANA ISLANDS
26	11	48	30.0	25.400	S	179.640	E	556	?	4.6		1.0	66 SOUTH OF FIJI ISLANDS
26	12	05	41.3&	36.974	N	7.923	W	39					13 STRAIT OF GIBRALTAR. <MDD>.
26	12	18	44.2	46.393	N	14.167	E	10	G			0.7	7 NORTHWESTERN BALKAN REGION. ML 2.2 (VIE), 1.8 (LJU).
26	12	23	32.5*	12.445	N	142.549	E	33	N	4.4		1.1	8 SOUTH OF MARIANA ISLANDS
26	12	48	16.1	26.405	N	125.528	E	164		5.0		0.9	75 NORTHEAST OF TAIWAN. Recorded (1 JMA) on Kume-jima and in northern Okinawa, Ryukyu Islands.
26	12	48	49.5	40.309	N	143.328	E	30	D	5.4	5.1	1.0	257 OFF EAST COAST OF HONSHU, JAPAN. Mw 5.4 (HRV). Felt at Misawa. Recorded (1 JMA) in Aomori, Iwate and Miyagi Prefectures. Centroid, Moment Tensor (HRV): Centroid origin time 12:48:52.5; Lat 40.19 N; Lon 143.28 E; Dep 44.6; Half-duration 1.4 sec; Principal axes (scale 10**17 Nm): (T) Val=1.20, Plg=61, Azm=298; (N) Val=0.19, Plg=4, Azm=200; (P) Val=-1.39, Plg=28, Azm=108; Best double couple: Mo=1.3*10**17 Nm; NP1: Strike=186, Dip=17, Slip=75; NP2:

													Strike=22, Dip=73, Slip=94.
26	12	55	04.0	40.178	N	143.236	E	33	N	5.6	5.1	0.8	294	OFF EAST COAST OF HONSHU, JAPAN. Mw 5.6 (HRV). Felt at Misawa. Recorded (1 JMA) in Aomori, Iwate and Miyagi Prefectures. Centroid, Moment Tensor (HRV): Centroid origin time 12:55:10.3; Lat 40.10 N; Lon 143.73 E; Dep 49.0 Fix; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=2.39, Plg=69, Azm=282; (N) Val=-0.03, Plg=0, Azm=192; (P) Val=-2.37, Plg=21, Azm=102; Best double couple: Mo=2.4*10**17 Nm; NP1: Strike=192, Dip=24, Slip=90; NP2: Strike=12, Dip=66, Slip=90.
26	13	01	46.0&	60.179	N	152.814	W	110		3.8			76	SOUTHERN ALASKA. <AEIC>.
26	13	16	23.4*	40.413	N	142.456	E	33	N	3.9		1.5	14	NEAR EAST COAST OF HONSHU, JAPAN
26	13	28	41.1	40.915	N	10.067	E	10	G	4.4		1.2	108	TYRRHENIAN SEA. ML 4.5 (GEN), 4.0 (STR).
26	13	37	48.3	40.976	N	10.101	E	10	G	5.1	4.6	1.1	282	TYRRHENIAN SEA. ML 5.0 (GEN), 4.5 (STR).
26	14	54	07.8	33.619	S	179.012	W	33	N	5.1	5.4	1.2	69	SOUTH OF KERMADEC ISLANDS. Mw 5.5 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 14:54:10.9; Lat 33.53 S; Lon 178.29 W; Dep 15.0 Bdy; Half-duration 1.3 sec; Principal axes (scale 10**17 Nm): (T) Val=1.98, Plg=65, Azm=295; (N) Val=0.30, Plg=4, Azm=198; (P) Val=-2.28, Plg=25, Azm=106; Best double couple: Mo=2.1*10**17 Nm; NP1: Strike=188, Dip=20, Slip=80; NP2: Strike=19, Dip=70, Slip=94.
26	16	10	56.6*	36.855	N	9.430	W	33	N			0.8	17	WEST OF GIBRALTAR. mbLg 2.8 (MDD).
26	16	20	34.0*	36.560	N	70.228	E	195	?	3.3		0.6	12	HINDU KUSH REGION, AFGHANISTAN
26	16	25	21.6*	12.503	N	142.817	E	33	N	4.6	3.8	1.5	27	SOUTH OF MARIANA ISLANDS
26	17	14	25.6&	43.817	N	7.738	E	6					7	NEAR SOUTH COAST OF FRANCE. <GEN>. ML 1.9 (GEN).
26	17	27	28.1?	33.77	S	179.03	W	33	N	4.5		0.9	10	SOUTH OF KERMADEC ISLANDS
26	18	35	12.7&	17.993	N	66.844	W	3					8	PUERTO RICO REGION. <RSPR>. ML 3.4 (RSPR).
26	19	23	29.2	56.097	N	161.652	E	33	N	4.5		0.9	48	NEAR EAST COAST OF KAMCHATKA
26	19	26	01.0&	61.911	N	150.720	W	15					47	SOUTHERN ALASKA. <AEIC>. ML 2.8 (AEIC), 3.0 (PMR).
26	19	52	36.8&	44.421	N	7.173	E	3					7	NORTHERN ITALY. <GEN>. ML 1.8 (GEN).
26	19	56	17.9	44.339	N	11.935	E	10	G			1.1	36	NORTHERN ITALY. ML 3.6 (STR), 3.4 (VIE), 3.0 (TRI).
26	21	14	43.3	46.251	N	13.847	E	10	G			1.0	10	AUSTRIA. ML 2.6 (VIE).
26	21	42	26.4&	38.090	N	23.710	E	17					15	GREECE. <ATH>. ML 3.0 (ATH).
26	21	45	05.9	43.626	N	19.413	E	10	G			0.8	25	NORTHWESTERN BALKAN REGION. ML 2.6 (SKO).
26	21	50	15.9&	38.150	N	23.600	E	8					12	GREECE. <ATH>. MD 3.1 (ATH).
26	21	51	05.4&	42.580	N	1.410	E	10	G				4	PYRENEES. <STR>. ML 2.3 (STR).
26	22	25	09.1	43.552	N	19.386	E	10	G	3.7		1.4	75	NORTHWESTERN BALKAN REGION. ML 3.5 (SKO).
26	22	35	30.4	29.050	S	67.364	W	133		3.9		1.2	35	LA RIOJA PROVINCE, ARGENTINA
26	22	38	44.9	31.051	N	42.101	W	10	G	4.6		0.8	35	NORTHERN MID-ATLANTIC RIDGE
26	22	48	10.2?	12.59	N	142.69	E	33	N	3.7		1.3	8	SOUTH OF MARIANA ISLANDS
26	23	25	47.7*	21.605	N	143.300	E	280	?	3.2		1.1	17	MARIANA ISLANDS REGION
27	00	12	10.5*	50.263	N	19.345	E	5	G			0.8	9	POLAND. ML 3.3 (VIE).
27	00	23	46.4*	22.339	N	144.348	E	33	N	4.3		1.0	13	VOLCANO ISLANDS, JAPAN REGION
27	01	40	40.4&	39.780	S	174.160	E	213					14	NORTH ISLAND, NEW ZEALAND. <WEL>.
27	01	42	37.2&	38.291	N	6.657	W	8					12	SPAIN. <MDD>. mbLg 2.3 (MDD).
27	01	52	40.4*	12.813	N	143.159	E	115	D	4.7		1.1	30	SOUTH OF MARIANA ISLANDS
27	01	57	49.9	44.289	N	11.998	E	10	G			1.2	59	NORTHERN ITALY. ML 3.9 (ZAG), 3.9 (FUR), 3.8 (VIE), 3.4 (STR), 3.3 (FBB), 3.2 (TRI).
27	02	05	17.4&	39.180	N	20.640	E	5					4	GREECE-ALBANIA BORDER REGION. <ATH>. MD 2.9 (ATH).
27	02	22	55.7&	18.243	N	66.871	W	18					6	PUERTO RICO REGION. <RSPR>. ML 3.1 (RSPR).
27	02	26	26.4	44.467	N	11.910	E	10	G			1.2	16	NORTHERN ITALY. ML 3.4 (VIE), 3.2 (STR), 2.9 (TRI).
27	03	01	36.0&	18.445	N	67.415	W	5					7	MONA PASSAGE. <RSPR>. ML 3.1 (RSPR).
27	03	54	43.1	8.477	S	117.595	E	33	N	4.6		0.9	19	SUMBAWA REGION, INDONESIA
27	04	45	17.8?	14.10	N	92.33	W	33	N	3.4		1.1	7	NEAR COAST OF CHIAPAS, MEXICO
27	05	04	13.7*	12.531	N	142.710	E	33	N	4.6		0.7	7	SOUTH OF MARIANA ISLANDS
27	05	38	27.1	42.345	N	140.826	E	128		4.7		1.0	121	HOKKAIDO, JAPAN REGION. Recorded (1 JMA) in the Kushiro area.
27	05	54	13.2&	40.620	S	174.330	E	81					11	COOK STRAIT, NEW ZEALAND. <WEL>.
27	06	07	17.3*	51.681	N	102.006	E	33	N			1.4	10	RUSSIA-MONGOLIA BORDER REGION. Felt (III) at Kyren and (II) at Irkutsk and Slyudyanka, Russia.
27	06	53	07.1*	29.391	N	105.813	E	33	N	3.8		0.5	10	SICHUAN, CHINA. ML 4.0 (BJI).
27	06	59	23.0?	0.61	S	19.82	W	10	G	3.9		1.4	10	CENTRAL MID-ATLANTIC RIDGE
27	06	59	52.7*	23.865	N	143.556	E	33	N	3.8		1.0	11	VOLCANO ISLANDS, JAPAN REGION
27	07	12	41.5	12.682	N	142.718	E	33	N	4.6	4.5	0.9	28	SOUTH OF MARIANA ISLANDS
27	08	38	27.1*	17.554	S	176.756	W	33	N	4.5	4.8	1.1	32	FIJI ISLANDS REGION. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 08:38:30.3; Lat 17.53 S; Lon 176.51 W; Dep 26.0; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=1.29, Plg=6, Azm=278; (N) Val=-0.10, Plg=84, Azm=114; (P) Val=-1.19, Plg=2, Azm=8; Best double couple: Mo=1.2*10**17 Nm; NP1: Strike=53, Dip=84, Slip=3; NP2: Strike=323, Dip=87, Slip=174.
27	09	14	44.8	40.234	S	173.992	E	142	D	4.9		1.0	50	COOK STRAIT, NEW ZEALAND. Felt at Foxton Beach, in southern Taranaki and in the Wellington region on the North Island.
27	09	30	23.8&	37.426	N	118.615	W	9					17	CALIFORNIA-NEVADA BORDER REGION. <NC-P>. MD 2.8 (NC).
27	10	24	43.9	51.113	N	15.815	E	5	G			0.5	8	POLAND. ML 3.4 (VIE).
27	12	00	02.8	9.940	N	126.005	E	33	N	4.5		0.8	32	MINDANAO, PHILIPPINES
27	12	13	32.1*	37.879	N	29.219	E	10	G	4.1		1.1	16	TURKEY
27	12	19	43.3	11.137	N	62.303	W	118		4.3		1.1	37	WINDWARD ISLANDS. MD 4.4 (FDF), 4.0 (TRN). Felt (III) on Trinidad.
27	13	42	41.5?	1.01	S	100.52	E	33	N	4.3		1.0	11	SOUTHERN SUMATERA, INDONESIA
27	16	15	51.0	30.487	N	138.327	E	465	*	4.1		0.8	22	SOUTHEAST OF HONSHU, JAPAN
27	16	35	50.1&	33.478	S	70.423	W	96					12	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.9 (GUC).
27	16	37	21.2*	34.055	N	25.849	E	33	N	3.7		1.5	15	CRETE, GREECE. MD 4.0 (ATH).
27	17	47	46.6	47.209	N	9.459	E	10	G			1.1	9	GERMANY. ML 2.5 (VIE).
27	18	12	16.8	5.463	N	126.195	E	33	N	4.7	3.9	1.1	41	MINDANAO, PHILIPPINES
27	18	23	27.4&	34.420	N	24.570	E	24		3.4			13	CRETE, GREECE. <ATH>. MD 3.8 (ATH).
27	19	03	44.5	38.371	N	22.103	E	10	G	4.7	4.5	1.3	221	GREECE. ML 4.6 (ATH), 4.4 (THE), 4.4 (SKO).
27	19	18	23.3&	38.320	N	22.040	E	5					11	GREECE. <ATH>. ML 3.2 (ATH).
27	19	32	54.7&	38.260	N	22.110	E	5					11	GREECE. <ATH>. ML 3.2 (ATH).
27	20	09	39.0&	38.110	N	22.020	E	5					6	GREECE. <ATH>. ML 3.1 (ATH).
27	20	13	54.1&	59.060	N	151.923	W	59					12	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.8 (AEIC).

27	20	28	33.6*	21.422	S	170.403	E	33	N	4.2	1.5	10	SOUTHEAST OF LOYALTY ISLANDS
27	20	44	56.9*	8.535	S	122.568	E	33	N	4.6	1.1	11	FLORES REGION, INDONESIA
27	20	52	03.8&	38.190	N	22.020	E	8				7	GREECE. <ATH>. MD 3.2 (ATH).
27	20	54	44.0*	10.102	N	63.257	W	33	N	3.8	0.9	13	NEAR COAST OF VENEZUELA. MD 3.6 (TRN).
27	21	14	25.1&	38.210	N	22.020	E	2				9	GREECE. <ATH>. ML 3.1 (ATH).
27	21	34	28.0&	38.220	N	22.110	E	5				10	GREECE. <ATH>. ML 3.1 (ATH).
27	21	36	53.9&	38.330	N	22.100	E	5		3.4		20	GREECE. <ATH>. ML 3.4 (ATH).
27	22	28	52.6	38.397	N	22.104	E	10	G	4.1	1.0	101	GREECE. ML 3.8 (THE), 3.8 (ATH).
27	22	51	31.4&	16.395	N	61.056	W	29				7	LEEWARD ISLANDS. <FDF>. MD 2.7 (FDF).
27	22	53	50.9*	14.758	N	48.518	W	10	G	4.1	1.1	10	NORTH ATLANTIC OCEAN
27	23	17	10.5*	6.454	S	150.570	E	66	?	4.0	1.3	12	NEW BRITAIN REGION, P.N.G.
27	23	51	56.2*	21.162	S	179.322	W	656	?	4.5	0.9	29	FIJI ISLANDS REGION
27	23	56	15.2	10.238	N	126.121	E	33	N	4.7	0.8	26	PHILIPPINE ISLANDS REGION
28	00	17	17.9	31.601	N	78.305	E	33	N	4.6	1.0	33	WESTERN XIZANG-INDIA BORDER REG.
28	00	29	17.5*	10.185	N	126.221	E	33	N	4.4	1.1	8	PHILIPPINE ISLANDS REGION
28	00	30	15.9&	35.400	N	26.930	E	3				13	CRETE, GREECE. <ATH>. MD 3.8 (ATH).
28	00	36	40.0&	38.200	N	22.090	E	5				6	GREECE. <ATH>. MD 3.2 (ATH).
28	00	42	56.5&	38.240	N	22.110	E	5				10	GREECE. <ATH>. MD 3.1 (ATH).
28	01	00	29.2&	38.300	N	22.110	E	5				10	GREECE. <ATH>. MD 3.2 (ATH).
28	01	28	35.6&	33.103	S	71.275	W	41				11	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.3 (GUC).
28	02	13	17.7&	38.220	N	22.010	E	10				5	GREECE. <ATH>. ML 3.0 (ATH).
28	02	23	48.8&	38.230	N	22.020	E	10				5	GREECE. <ATH>. MD 3.0 (ATH).
28	02	42	13.4	33.728	N	135.741	E	33	N	4.3	1.0	15	NEAR S. COAST OF WESTERN HONSHU. Recorded (3 JMA) in southern Mie and (2 JMA) in western Wakayama Prefectures. Also recorded (1 JMA) in eastern Shikoku.
28	02	42	55.6&	35.540	N	26.900	E	5				7	CRETE, GREECE. <ATH>. MD 3.7 (ATH).
28	03	06	41.2*	12.536	N	142.730	E	33	N	4.3	0.8	9	SOUTH OF MARIANA ISLANDS
28	03	25	46.0&	38.300	N	22.130	E	5				9	GREECE. <ATH>. MD 3.3 (ATH).
28	04	33	25.5*	24.949	N	121.850	E	33	N	4.2	1.4	13	TAIWAN. Recorded (2 TAP) at I-lan and (1 TAP) at Taipei.
28	04	59	39.3&	38.040	N	21.740	E	37				6	GREECE. <ATH>. MD 3.3 (ATH).
28	05	44	45.0&	38.190	N	22.090	E	5				5	GREECE. <ATH>. MD 3.0 (ATH).
28	06	02	57.8&	32.391	S	71.772	W	12				12	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.1 (GUC).
28	06	12	56.4&	38.130	N	23.600	E	5				4	GREECE. <ATH>. MD 2.5 (ATH).
28	06	14	59.9&	38.110	N	23.570	E	5				4	GREECE. <ATH>. MD 2.5 (ATH).
28	06	18	03.6&	32.483	S	71.638	W	0				8	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.7 (GUC).
28	06	23	01.1&	32.411	S	71.733	W	15				12	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.8 (GUC).
28	06	41	48.3&	39.900	S	177.120	E	33	N			12	OFF E. COAST OF N. ISLAND, N.Z. <WEL>. ML 3.7 (WEL).
28	07	21	55.9	6.242	S	129.658	E	198	D	4.8	1.0	86	BANDA SEA
28	08	37	41.1&	38.290	N	22.100	E	5				11	GREECE. <ATH>. MD 3.3 (ATH).
28	08	57	10.6*	39.295	N	141.548	E	73	D	4.0	1.1	13	EASTERN HONSHU, JAPAN
28	09	17	54.8*	29.282	S	71.545	W	59	?	4.4	1.3	14	NEAR COAST OF CENTRAL CHILE
28	09	42	41.7&	47.580	N	8.190	E	2	G			7	SWITZERLAND. <STR>. ML 2.1 (STR).
28	09	46	28.9&	40.584	N	1.538	E	0	G			5	BALEARIC ISLANDS, SPAIN. <MDD>. mbLg 2.5 (MDD).
28	10	49	38.2&	38.360	N	22.090	E	5				5	GREECE. <ATH>. MD 3.0 (ATH).
28	10	59	05.4&	38.140	N	21.610	E	44				5	GREECE. <ATH>. MD 3.1 (ATH).
28	11	11	17.2&	40.370	S	174.440	E	94				14	COOK STRAIT, NEW ZEALAND. <WEL>.
28	11	19	01.0&	42.670	S	173.260	E	69				25	SOUTH ISLAND, NEW ZEALAND. <WEL>. Felt at Waiau.
28	12	12	16.2&	35.068	N	32.300	E	20				5	CYPRUS REGION. <CSS>. ML 3.0 (CSS).
28	12	26	59.0&	38.300	N	22.090	E	5				12	GREECE. <ATH>. MD 3.3 (ATH).
28	12	31	31.4	46.003	N	14.722	E	10	G		0.6	6	NORTHWESTERN BALKAN REGION. ML 1.3 (VIE), 1.1 (LJU).
28	12	54	21.3	36.460	N	70.476	E	209		4.5	0.9	44	HINDU KUSH REGION, AFGHANISTAN
28	13	52	56.8	51.522	N	173.932	W	33	N	4.9 4.3	1.0	160	ANDREANOF ISLANDS, ALEUTIAN IS. Mw 4.9 (HRV). ML 4.8 (PMR). Centroid, Moment Tensor (HRV): Centroid origin time 13:53:00.4; Lat 51.48 N; Lon 174.18 W; Dep 33.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=2.35, Plg=48, Azm=254; (N) Val=0.46, Plg=32, Azm=29; (P) Val=-2.82, Plg=23, Azm=135; Best double couple: Mo=2.6*10**16 Nm; NP1: Strike=269, Dip=36, Slip=155; NP2: Strike=20, Dip=76, Slip=57.
28	15	15	48.9	44.280	N	11.989	E	10	G	3.9	1.1	47	NORTHERN ITALY. ML 3.9 (VIE), 3.7 (STR), 3.3 (TRI).
28	15	58	31.1?	15.05	N	90.38	W	33	N	3.2	1.4	7	GUATEMALA
28	16	17	27.1&	32.202	S	71.645	W	36				7	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.1 (GUC).
28	16	20	48.3*	12.662	N	142.834	E	33	N	4.7 4.0	1.0	28	SOUTH OF MARIANA ISLANDS
28	16	22	29.4	12.985	N	125.740	E	33	N	4.5	0.9	22	SAMAR, PHILIPPINES
28	16	24	31.2*	15.276	S	173.407	W	33	N	4.9	0.8	57	TONGA ISLANDS. Mw 5.1 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 16:24:45.2; Lat 15.28 S Fix; Lon 173.41 W Fix; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=5.99, Plg=13, Azm=143; (N) Val=-1.62, Plg=44, Azm=39; (P) Val=-4.37, Plg=43, Azm=245; Best double couple: Mo=5.2*10**16 Nm; NP1: Strike=274, Dip=50, Slip=-24; NP2: Strike=20, Dip=72, Slip=-137.
28	16	32	56.8*	12.596	N	142.543	E	33	N	4.5 4.0	1.0	20	SOUTH OF MARIANA ISLANDS
28	16	36	49.9*	12.467	N	142.917	E	33	N	4.6	1.2	20	SOUTH OF MARIANA ISLANDS
28	16	56	52.8*	12.600	N	143.321	E	33	N	4.6	1.0	13	SOUTH OF MARIANA ISLANDS
28	17	06	18.8&	33.824	S	70.122	W	6				8	CHILE-ARGENTINA BORDER REGION. <GUC>.
28	17	10	44.4*	44.665	N	12.448	E	10	G	3.4	0.6	13	NORTHERN ITALY. ML 3.2 (VIE), 2.8 (TRI).
28	17	20	56.2*	3.939	N	97.498	E	97	?	4.7	1.1	30	NORTHERN SUMATERA, INDONESIA
28	17	41	02.4	37.830	N	19.705	E	33	N	4.3 4.0	1.3	159	IONIAN SEA. ML 4.8 (ATH), 4.4 (THE), 4.4 (ROM).
28	18	05	35.1&	34.484	N	5.861	W	16				22	MOROCCO. <MDD>. mbLg 3.0 (MDD).
28	18	19	18.1	38.024	N	19.565	E	10	G		1.3	15	IONIAN SEA. ML 4.0 (ATH).
28	18	54	19.3*	9.278	S	33.766	E	10	G	4.3	0.8	16	TANZANIA
28	19	16	28.6&	38.710	S	176.010	E	153				10	NORTH ISLAND, NEW ZEALAND. <WEL>.
28	19	17	32.5*	45.517	N	13.030	E	10	G		0.8	13	NORTHERN ITALY. ML 2.6 (VIE).
28	20	23	45.0&	32.400	S	71.546	W	45				14	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.3 (GUC).
28	20	25	46.5*	14.355	N	90.856	W	73	D	3.9	1.0	18	GUATEMALA
28	20	32	51.6*	37.019	N	49.568	E	40	*	4.1	1.0	10	CASPIAN SEA
28	20	42	42.5&	59.228	N	153.058	W	95				65	SOUTHERN ALASKA. <AEIC>.
28	20	44	16.1*	34.387	N	24.007	E	85	*	3.8	1.4	35	CRETE, GREECE. MD 3.8 (ATH).
28	21	54	33.3&	18.054	N	66.860	W	15				4	PUERTO RICO REGION. <RSPR>. ML 3.0 (RSPR).
28	21	57	47.5&	45.910	N	2.790	E	2	G			4	FRANCE. <STR>. ML 1.8 (STR).
28	22	15	44.5&	19.292	N	66.554	W	23				7	PUERTO RICO REGION. <RSPR>. ML 3.2 (RSPR).
28	23	36	26.0&	37.690	N	88.420	W	5	G			22	SOUTHERN ILLINOIS. <SLM-P>. mbLg 2.8 (SLM), 2.9 (GS).

29	00	53	13.9?	12.56	N	142.76	E	33	N	3.6		0.9	5	SOUTH OF MARIANA ISLANDS
29	01	59	40.8*	10.292	N	126.307	E	33	N	4.5		1.1	21	PHILIPPINE ISLANDS REGION
29	02	10	09.9?	12.56	N	142.71	E	33	N	3.9		1.2	6	SOUTH OF MARIANA ISLANDS
29	02	14	13.2?	12.44	N	142.38	E	33	N	3.7		1.5	8	SOUTH OF MARIANA ISLANDS
29	02	34	34.0?	51.90	N	179.26	E	33	N			1.0	7	RAT ISLANDS, ALEUTIAN ISLANDS
29	02	39	09.6*	12.551	N	142.677	E	33	N	4.4		1.1	13	SOUTH OF MARIANA ISLANDS
29	03	11	10.4?	12.40	N	142.75	E	33	N	4.1		1.3	12	SOUTH OF MARIANA ISLANDS
29	03	34	53.1&	37.700	N	77.500	W	5	G				8	VIRGINIA. <MACRO>. mbLg 2.5 (GS). Felt in Henrico County. Also felt at Rockville.
29	03	52	21.9?	12.57	N	142.65	E	33	N			1.3	5	SOUTH OF MARIANA ISLANDS
29	03	54	44.9	33.180	N	112.074	E	10	G	4.4		1.2	34	SOUTHEASTERN CHINA
29	04	01	07.4*	39.591	N	74.021	E	66	*	3.8		0.5	12	SOUTHERN XINJIANG, CHINA
29	04	56	51.9	20.976	S	67.451	W	181		4.5		1.2	59	SOUTHERN BOLIVIA
29	05	45	49.0*	36.520	N	70.524	E	215	*	3.4		0.8	12	HINDU KUSH REGION, AFGHANISTAN
29	05	58	01.2	12.489	N	142.613	E	33	N	4.6	4.3	1.2	30	SOUTH OF MARIANA ISLANDS
29	06	04	35.5&	38.340	N	22.190	E	5					5	GREECE. <ATH>. MD 3.0 (ATH).
29	06	04	49.0&	37.738	N	122.551	W	7					8	CENTRAL CALIFORNIA. <NC-P>. MD 2.5 (NC). Felt at San Bruno and San Francisco.
29	06	13	42.0	12.514	N	142.617	E	33	N	4.8	4.6	0.9	63	SOUTH OF MARIANA ISLANDS
29	06	45	26.3&	35.440	N	26.640	E	5					9	CRETE, GREECE. <ATH>. MD 3.8 (ATH).
29	06	59	30.8&	42.310	S	177.760	E	33	N				11	OFF E. COAST OF S. ISLAND, N.Z. <WEL>. ML 4.1 (WEL).
29	07	27	53.7&	38.580	S	176.270	E	120					5	NORTH ISLAND, NEW ZEALAND. <WEL>. Felt in the Taupo area.
29	07	42	40.4&	37.780	N	23.520	E	25					4	SOUTHERN GREECE. <ATH>. ML 2.8 (ATH).
29	07	46	55.6&	24.250	N	121.170	E	3		4.5			7	TAIWAN. <TAP>. ML 4.5 (TAP). Recorded (2 TAP) in I-lan and northeastern Miao-li Counties.
29	07	51	17.0&	34.690	N	25.720	E	26		3.4			10	CRETE, GREECE. <ATH>. MD 3.8 (ATH).
29	09	34	55.4*	33.100	N	131.432	E	36	*	4.0		1.3	15	KYUSHU, JAPAN
29	10	50	00.4&	37.905	N	3.713	W	0	G				6	SPAIN. <MDD>. mbLg 1.9 (MDD).
29	11	11	16.0&	38.440	N	22.020	E	18					5	GREECE. <ATH>. MD 3.1 (ATH).
29	11	23	40.9&	58.479	N	152.835	W	58					5	KODIAK ISLAND REGION, ALASKA. <AEIC>. ML 2.5 (AEIC).
29	11	29	06.9*	17.605	N	60.824	W	39	D	3.8		0.7	10	LEEWARD ISLANDS
29	11	30	01.1	36.421	N	139.878	E	94	*	4.3		0.7	10	EASTERN HONSHU, JAPAN. Recorded (2 JMA) in southern Tochigi and (1 JMA) in eastern Gumma, western Ibaraki and eastern Saitama Prefectures.
29	12	05	12.7&	38.640	S	176.020	E	5					8	NORTH ISLAND, NEW ZEALAND. <WEL>. ML 2.6 (WEL). Felt in the Taupo area.
29	13	13	58.7*	10.180	N	125.957	E	33	N	4.6	3.9	1.1	28	LEYTE, PHILIPPINES
29	13	55	07.0&	38.400	N	22.050	E	5					5	GREECE. <ATH>. MD 2.9 (ATH).
29	13	57	56.2?	10.06	N	126.02	E	33	N	3.9		0.6	10	PHILIPPINE ISLANDS REGION
29	14	36	39.7&	33.792	S	70.138	W	123					12	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.5 (GUC).
29	15	01	38.6	1.257	S	15.936	W	10	G	4.8	4.5	1.1	65	NORTH OF ASCENSION ISLAND
29	15	08	17.8&	63.261	N	151.093	W	1					17	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC), 3.0 (PMR).
29	15	16	50.2&	37.449	N	3.638	W	0	G				5	SPAIN. <MDD>. mbLg 1.8 (MDD).
29	15	17	10.2	1.272	S	15.922	W	10	G	5.0	5.1	1.3	113	NORTH OF ASCENSION ISLAND. Mw 5.3 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 15:17:16.0; Lat 0.99 S; Lon 15.84 W; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**17 Nm): (T) Val=0.90, Plg=14, Azm=270; (N) Val=0.37, Plg=24, Azm=6; (P) Val=-1.27, Plg=61, Azm=152; Best double couple: Mo=1.1*10**17 Nm; NP1: Strike=330, Dip=37, Slip=-132; NP2: Strike=199, Dip=64, Slip=-63.
29	15	20	06.6	1.164	S	15.871	W	10	G	5.0	5.0	0.8	86	NORTH OF ASCENSION ISLAND. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 15:20:10.8; Lat 1.16 S; Lon 16.15 W; Dep 15.0 Fix; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=1.71, Plg=23, Azm=75; (N) Val=-0.27, Plg=25, Azm=333; (P) Val=-1.44, Plg=55, Azm=202; Best double couple: Mo=1.6*10**17 Nm; NP1: Strike=203, Dip=31, Slip=-36; NP2: Strike=325, Dip=72, Slip=-116.
29	17	05	41.0&	35.794	N	120.344	W	10					10	CENTRAL CALIFORNIA. <NC-P>. MD 2.8 (NC). ML 3.0 (PAS).
29	17	29	41.0*	10.267	N	126.075	E	33	N	4.3		0.8	14	PHILIPPINE ISLANDS REGION
29	17	42	46.7*	17.597	S	69.550	W	154	*	4.5		1.1	36	PERU-BOLIVIA BORDER REGION
29	18	02	21.4&	36.805	N	5.502	W	0	G				13	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.4 (MDD).
29	18	43	22.9&	38.180	N	20.290	E	5					5	GREECE. <ATH>. MD 3.1 (ATH).
29	19	14	51.7	52.026	N	30.174	W	10	G	4.3		1.1	38	NORTHERN MID-ATLANTIC RIDGE
29	19	35	05.5&	36.796	N	5.463	W	1					10	STRAIT OF GIBRALTAR. <MDD>. mbLg 1.9 (MDD).
29	19	52	21.6	6.407	S	77.057	W	125	D	5.7		0.8	445	NORTHERN PERU. Mw 5.7 (GS), 5.7 (HRV). Me 5.2 (GS). Felt (IV) at Saposoa. Broadband Source Parameters (GS): Dep 128; NP1: Strike=340, Dip=40, Slip=-90; NP2: Strike=160, Dip=50, Slip=-90; Radiated energy 1.5*10**12 Nm. Moment Tensor (GS): Dep 123; Principal axes (scale 10**17 Nm): (T) Val=4.81, Plg=12, Azm=244; (N) Val=-1.02, Plg=13, Azm=151; (P) Val=-3.78, Plg=72, Azm=15; Best double couple: Mo=4.3*10**17 Nm; NP1: Strike=351, Dip=35, Slip=-66; NP2: Strike=143, Dip=58, Slip=-106. Centroid, Moment Tensor (HRV): Centroid origin time 19:52:25.8; Lat 6.34 S; Lon 76.99 W; Dep 132.4; Half-duration 1.8 sec; Principal axes (scale 10**17 Nm): (T) Val=4.59, Plg=8, Azm=253; (N) Val=-0.48, Plg=1, Azm=343; (P) Val=-4.12, Plg=82, Azm=81; Best double couple: Mo=4.4*10**17 Nm; NP1: Strike=341, Dip=37, Slip=-92; NP2: Strike=164, Dip=53, Slip=-89.
29	20	16	29.6&	41.480	S	171.880	E	33	N				14	SOUTH ISLAND, NEW ZEALAND. <WEL>. ML 4.2 (WEL). Felt at Karamea.
29	20	47	16.1?	27.64	N	140.13	E	358	?	3.5		0.4	7	BONIN ISLANDS, JAPAN REGION
29	21	34	00.0&	38.420	N	21.980	E	25					8	GREECE. <ATH>. ML 3.2 (ATH).
29	21	54	06.2&	33.689	S	70.478	W	105					11	CHILE-ARGENTINA BORDER REGION. <GUC>.
29	22	49	09.8	9.741	N	122.431	E	33	N	4.6	3.9	1.0	46	NEGROS, PHILIPPINES
29	23	23	32.7	44.264	N	11.989	E	10	G			1.2	43	NORTHERN ITALY. ML 3.6 (STR), 3.5 (VIE).
30	00	22	59.0&	49.160	N	6.920	E	1	G				13	GERMANY. <FBB>. ML 2.3 (FBB). Mining induced event in the Lorraine region, France.
30	00	49	16.9*	12.515	N	142.668	E	33	N	4.7	4.0	1.1	29	SOUTH OF MARIANA ISLANDS

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30  00 59 19.1& 34.649 N   32.624 E   15                      7  CYPRUS REGION. <CSS>. ML 2.3 (CSS).
30  01 11 39.0& 50.270 N  130.250 W   10 G                    5  VANCOUVER ISLAND, CANADA REGION. <PGC-P>. ML 2.9 (PGC).
30  01 32 27.9   6.893 S  129.462 E  150 G  4.9      0.9     51  BANDA SEA. Mw 5.2 (HRV).
                                                                 Centroid, Moment Tensor (HRV): Centroid origin time
                                                                  01:32:21.8; Lat 7.32 S Fix; Lon 129.98 E Fix; Dep 163.4;
                                                                  Half-duration 1.0 sec; Principal axes (scale 10**16 Nm):
                                                                  (T) Val=7.20, Plg=44, Azm=288; (N) Val=0.26, Plg=43,
                                                                  Azm=80; (P) Val=-7.46, Plg=14, Azm=184; Best double couple:
                                                                  Mo=7.3*10**16 Nm; NP1: Strike=315, Dip=48, Slip=155; NP2:
                                                                  Strike=62, Dip=72, Slip=44.
30  01 37 17.1& 46.210 N    6.600 E   10 G                   15  SWITZERLAND. <STR>. ML 2.3 (STR).
30  01 52 58.4* 12.597 N  142.584 E   33 N  4.5 3.9  1.3    20  SOUTH OF MARIANA ISLANDS
30  01 55 14.0& 50.840 N  130.590 W   10 G                    5  VANCOUVER ISLAND, CANADA REGION. <PGC-P>. ML 3.9 (PGC).
30  01 58 29.0& 50.850 N  130.610 W   10 G                   27  VANCOUVER ISLAND, CANADA REGION. <PGC-P>. ML 4.1 (PGC).
30  02 07 42.3  52.882 N  170.089 W   33 N  4.4      1.1     43  FOX ISLANDS, ALEUTIAN ISLANDS. ML 4.3 (PMR).
30  03 31 07.5& 18.456 N   67.974 W   22                      5  MONA PASSAGE. <RSPR>. ML 3.6 (RSPR).
30  04 35 01.5& 33.901 S   70.797 W   81                     13  CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.1 (GUC).
30  05 13 01.0& 38.320 N   22.070 E    5    3.5              39  GREECE. <ATH>. MD 3.6 (ATH).
30  05 31 25.8  27.018 S   66.035 W   36    5.1 4.6  1.1   131  CATAMARCA PROVINCE, ARGENTINA. Mw 5.2 (HRV).
                                                                 Centroid, Moment Tensor (HRV): Centroid origin time
                                                                  05:31:30.0; Lat 27.39 S; Lon 66.33 W; Dep 26.8; Half-
                                                                  duration 1.0 sec; Principal axes (scale 10**16 Nm): (T)
                                                                  Val=8.75, Plg=60, Azm=10; (N) Val=-2.12, Plg=26, Azm=224;
                                                                  (P) Val=-6.63, Plg=15, Azm=126; Best double couple:
                                                                  Mo=7.7*10**16 Nm; NP1: Strike=185, Dip=38, Slip=45; NP2:
                                                                  Strike=57, Dip=64, Slip=119.
30  05 44 37.3  39.388 N   76.664 E   68    4.5      0.6     40  SOUTHERN XINJIANG, CHINA
30  05 47 22.0& 50.830 N  130.630 W   10 G                    4  VANCOUVER ISLAND, CANADA REGION. <PGC-P>. ML 3.9 (PGC).
30  05 49 25.0& 50.780 N  130.650 W   10 G  3.5              10  VANCOUVER ISLAND, CANADA REGION. <PGC-P>. ML 3.8 (PGC).
30  05 57 18.6* 12.479 N  142.566 E   33 N  4.8 4.0  1.0    29  SOUTH OF MARIANA ISLANDS
30  06 45 43.9? 12.51  N  142.59  E   33 N  4.0      0.8     7  SOUTH OF MARIANA ISLANDS
30  06 46 06.2* 12.565 N  142.476 E   33 N  4.8 4.5  1.1    30  SOUTH OF MARIANA ISLANDS
30  07 11 23.0& 43.070 N    1.240 W    5 G                   5  PYRENEES. <STR>. ML 2.4 (STR).
30  07 31 08.6*  7.244 N   34.049 W   10 G  3.4      0.6     6  CENTRAL MID-ATLANTIC RIDGE
30  07 37 57.3& 44.419 N    6.370 E    1                     30  FRANCE. <GEN>. ML 2.5 (GEN), 2.2 (STR).
30  07 38 11.0& 44.465 N    6.414 E    1                      8  FRANCE. <GEN>. ML 2.2 (GEN).
30  07 49 03.0* 12.422 N  142.584 E   33 N  4.3      0.4     6  SOUTH OF MARIANA ISLANDS
30  08 00 07.5? 64.34  N  162.68  W   10 G           1.1     4  NORTHERN ALASKA. ML 3.5 (PMR).
30  08 07 43.0?  6.45  N   95.37  E   33 N  4.1      1.1    13  NICOBAR ISLANDS, INDIA REGION
30  08 15 02.1& 35.433 N    4.478 W   99                     14  STRAIT OF GIBRALTAR. <MDD>.
30  08 29 25.0& 50.830 N  130.650 W   10 G  4.9 4.8        267  VANCOUVER ISLAND, CANADA REGION. <PGC-P>. Mw 5.2 (HRV). ML
                                                                  5.3 (PGC).
                                                                 Centroid, Moment Tensor (HRV): Centroid origin time
                                                                  08:29:30.3; Lat 50.96 N; Lon 130.78 W; Dep 15.0 Fix; Half-
                                                                  duration 1.0 sec; Principal axes (scale 10**16 Nm): (T)
                                                                  Val=8.73, Plg=6, Azm=117; (N) Val=-0.71, Plg=70, Azm=11;
                                                                  (P) Val=-8.02, Plg=19, Azm=209; Best double couple:
                                                                  Mo=8.4*10**16 Nm; NP1: Strike=251, Dip=72, Slip=-10; NP2:
                                                                  Strike=345, Dip=80, Slip=-162.
30  08 50 02.7  17.960 S  178.362 W   550 G  4.0      1.0     58  FIJI ISLANDS REGION
30  09 27 29.4? 11.81  N   86.83  W   33 N  4.0      1.2      7  NEAR COAST OF NICARAGUA
30  09 47 30.0& 50.890 N  130.580 W   10 G                   23  VANCOUVER ISLAND, CANADA REGION. <PGC-P>. ML 3.7 (PGC).
30  10 08 05.0& 44.594 N    9.777 E    0                     11  NORTHERN ITALY. <GEN>. ML 2.4 (GEN).
30  10 11 17.3* 15.118 S  173.825 W   33 N  4.2      0.8     11  TONGA ISLANDS
30  10 12 11.7  51.037 N  130.248 W   10 G  4.1      0.9     85  QUEEN CHARLOTTE ISLANDS REGION
30  10 13 02.8  51.011 N  130.381 W   10 G  5.1 5.2  1.2    173  QUEEN CHARLOTTE ISLANDS REGION. Mw 5.5 (HRV). ML 5.4 (PGC).
                                                                 Centroid, Moment Tensor (HRV): Centroid origin time
                                                                  10:13:07.0; Lat 50.98 N; Lon 130.61 W; Dep 15.0 Fix; Half-
                                                                  duration 1.4 sec; Principal axes (scale 10**17 Nm): (T)
                                                                  Val=2.30, Plg=4, Azm=301; (N) Val=-0.15, Plg=75, Azm=46;
                                                                  (P) Val=-2.15, Plg=14, Azm=211; Best double couple:
                                                                  Mo=2.2*10**17 Nm; NP1: Strike=347, Dip=77, Slip=-172; NP2:
                                                                  Strike=255, Dip=83, Slip=-13.
30  10 30 21.1* 37.522 N   72.272 E   192 *  3.1      0.5      9  TAJIKISTAN
30  10 54 04.3  50.989 N  130.220 W   10 G  4.5      1.0     72  VANCOUVER ISLAND, CANADA REGION. ML 4.7 (PGC).
30  11 33 23.6& 44.129 N    7.153 E    8                      7  NORTHERN ITALY. <GEN>. ML 1.8 (GEN).
30  12 13 02.8* 21.992 S  170.400 E   13    4.5      0.9     21  SOUTHEAST OF LOYALTY ISLANDS
30  12 21 45.3? 45.93  N   15.20  E   10 G           0.2      4  NORTHWESTERN BALKAN REGION. ML 1.0 (LJU).
30  12 39 47.0  40.434 N  143.738 E   10 G  5.4 4.9  0.9    315  OFF EAST COAST OF HONSHU, JAPAN. Mw 5.4 (HRV). Recorded (1
                                                                  JMA) in southeastern Aomori and central Iwate Prefectures.
                                                                 Centroid, Moment Tensor (HRV): Centroid origin time
                                                                  12:39:51.8; Lat 40.29 N; Lon 143.75 E; Dep 15.0 Bdy; Half-
                                                                  duration 1.1 sec; Principal axes (scale 10**17 Nm): (T)
                                                                  Val=1.37, Plg=57, Azm=311; (N) Val=0.16, Plg=6, Azm=211;
                                                                  (P) Val=-1.53, Plg=33, Azm=117; Best double couple:
                                                                  Mo=1.5*10**17 Nm; NP1: Strike=185, Dip=13, Slip=63; NP2:
                                                                  Strike=33, Dip=78, Slip=96.
30  13 03 40.6  40.540 N  143.659 E   10 G  4.7      1.0     37  OFF EAST COAST OF HONSHU, JAPAN
30  13 09 58.1  16.000 S  167.919 E   166 *  4.8      1.0     62  VANUATU ISLANDS
30  13 21 09.7*  2.460 N  128.590 E   222 ?  4.1      0.6     11  HALMAHERA, INDONESIA
30  13 21 18.9& 57.018 N  155.172 W   32                     26  ALASKA PENINSULA. <AEIC>. ML 3.0 (AEIC).
30  13 33 19.8& 14.961 N   60.589 W   45                      4  WINDWARD ISLANDS. <FDF>. MG 2.3 (FDF).
30  14 11 01.0& 39.224 N    0.575 W   20                      5  SPAIN. <MDD>. mbLg 2.0 (MDD).
30  15 11 28.1* 43.425 N  127.356 W   10 G           0.4     25  OFF COAST OF OREGON
30  15 23 27.9& 44.412 N    6.394 E    0                     25  FRANCE. <GEN>. ML 2.3 (GEN), 2.1 (STR).
30  15 53 45.6& 35.590 N   24.680 E   42                      7  CRETE, GREECE. <ATH>. MD 3.7 (ATH).
30  16 02 05.0*  1.358 N   98.969 E   150 G  3.7      0.9     11  NORTHERN SUMATERA, INDONESIA
30  16 05 50.7& 43.940 N    7.190 E    2 G                   14  NEAR SOUTH COAST OF FRANCE. <STR>. ML 2.0 (STR), 2.0 (GEN).
30  16 15 18.7& 38.560 S  175.860 E   148                    19  NORTH ISLAND, NEW ZEALAND. <WEL>.
30  16 16 35.0& 43.940 N    7.210 E    0                     16  NEAR SOUTH COAST OF FRANCE. <GEN>. ML 2.2 (STR), 2.1 (GEN).
30  16 18 14.1& 38.330 N   21.990 E    5    3.3              14  GREECE. <ATH>. ML 3.3 (ATH).
30  16 44 30.7& 36.783 N    5.528 W    0 G                   18  STRAIT OF GIBRALTAR. <MDD>. mbLg 3.0 (MDD). Felt (III) at
                                                                  Benamahoma and El Bosque; (II) at Grazalema and Prado del
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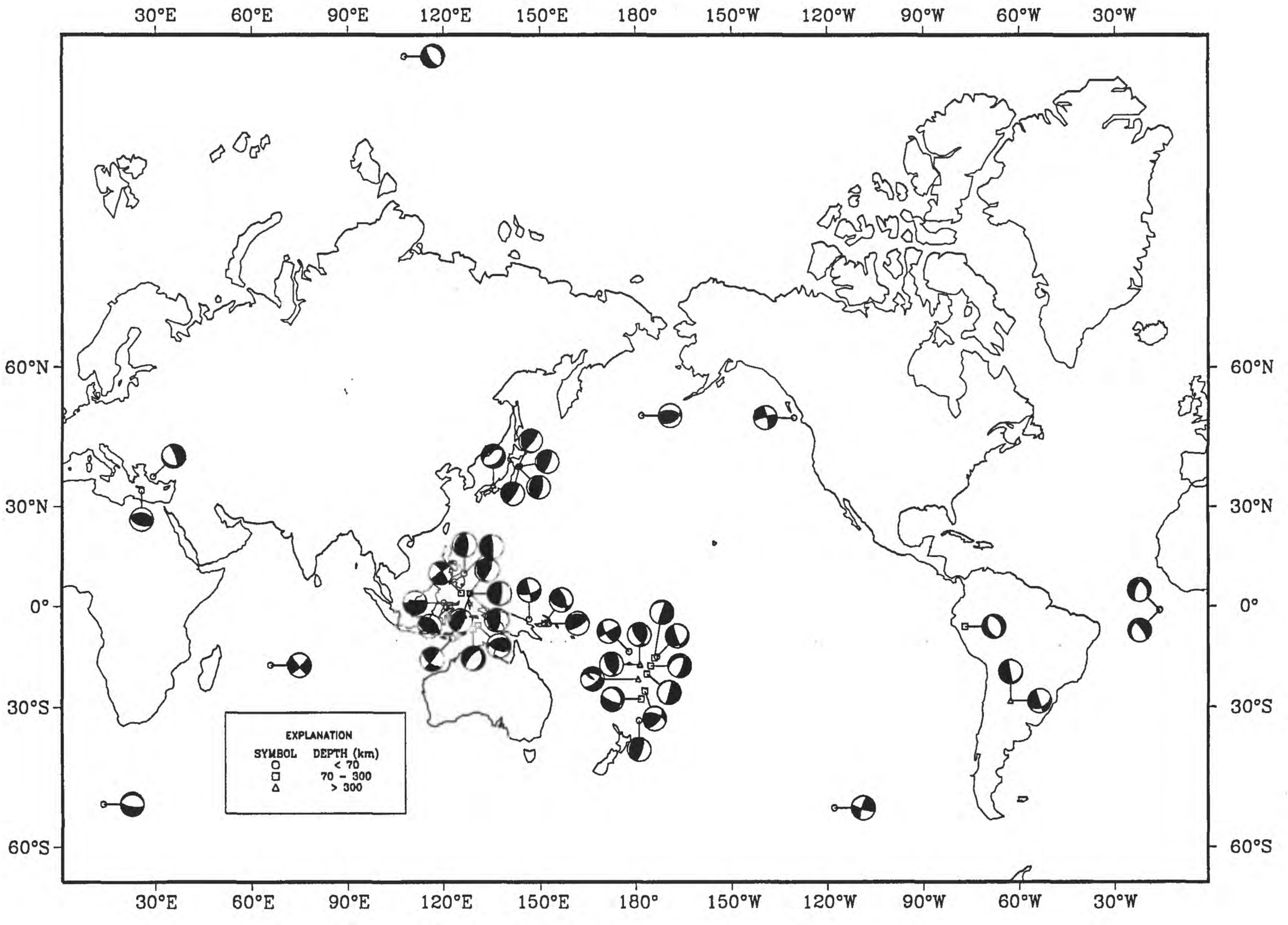
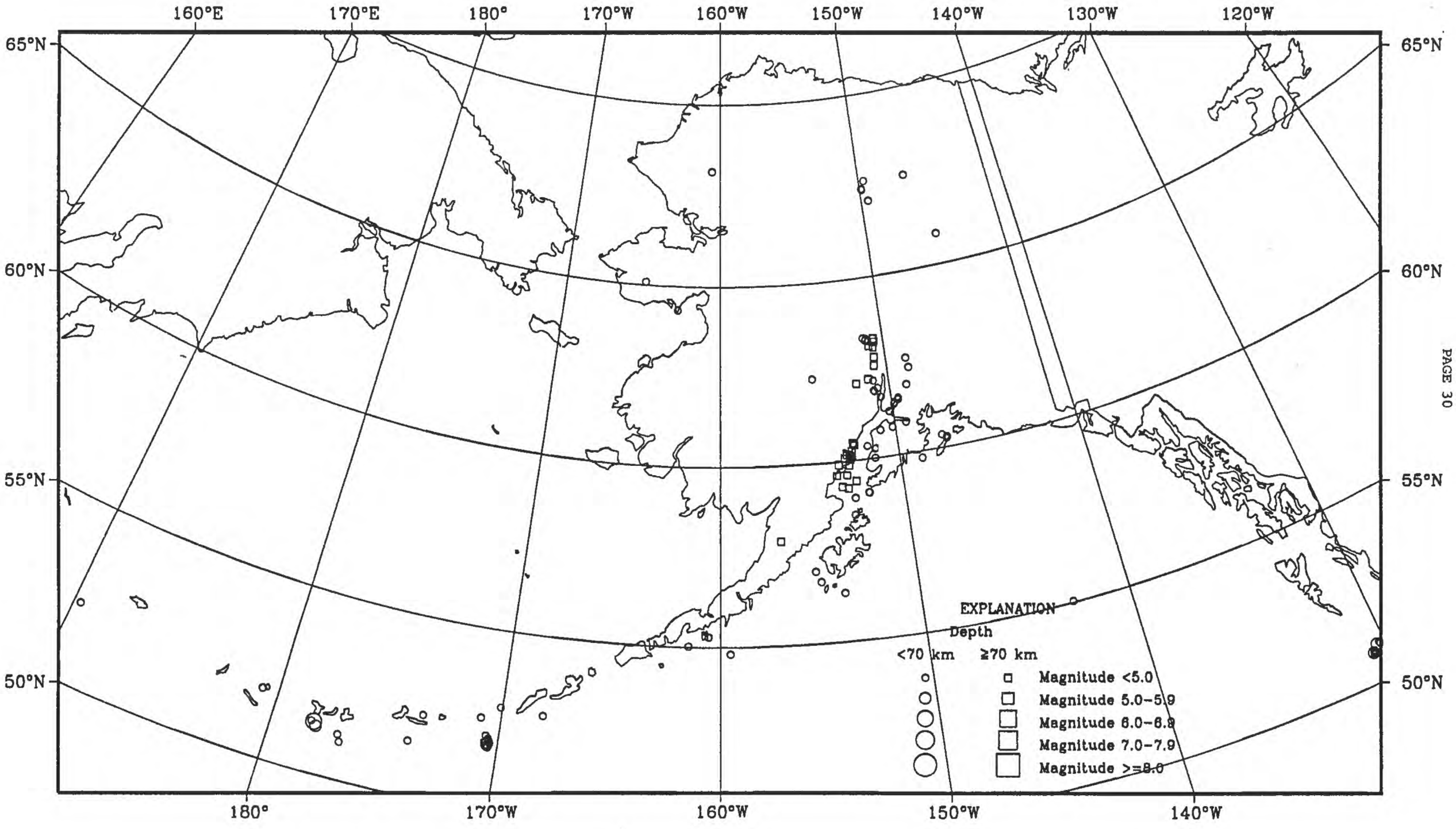
												Rey, Spain.
30	16	55	27.8*	6.105	S	104.217	E	88 *	4.7	1.3	34	SUNDA STRAIT, INDONESIA
30	16	58	34.7&	36.806	N	5.526	W	0 G			16	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.7 (MDD). Felt (II) at Benamahoma and El Bosque, Spain.
30	17	16	28.1	74.061	N	113.806	E	10 G	4.0	1.1	22	NEAR COAST OF C. SIBERIA, RUSSIA
30	17	32	42.4	12.472	N	142.562	E	33 N	4.9 4.5	1.0	34	SOUTH OF MARIANA ISLANDS. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 17:32:36.4; Lat 12.04 N; Lon 142.81 E; Dep 43.3; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=5.59, Plg=9, Azm=324; (N) Val=0.73, Plg=80, Azm=175; (P) Val=-6.33, Plg=5, Azm=54; Best double couple: Mo=6.0*10**16 Nm; NP1: Strike=99, Dip=80, Slip=2; NP2: Strike=9, Dip=88, Slip=170.
30	17	42	58.5&	34.704	N	32.635	E	20			7	CYPRUS REGION. <CSS>. ML 2.4 (CSS).
30	18	19	38.7&	35.620	N	3.533	W	0 G			7	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.4 (MDD).
30	18	36	54.7&	34.655	N	32.618	E	25			7	CYPRUS REGION. <CSS>. ML 2.0 (CSS).
30	18	40	54.5	12.498	N	142.461	E	33 N	4.7 4.0	0.8	25	SOUTH OF MARIANA ISLANDS
30	18	58	24.9*	33.257	N	141.662	E	33 N	3.9	0.8	16	OFF EAST COAST OF HONSHU, JAPAN
30	19	44	12.2	41.789	N	142.219	E	79 D	4.2	0.9	18	HOKKAIDO, JAPAN REGION
30	20	19	24.3&	36.620	N	25.640	E	6			11	DODECANESE ISLANDS, GREECE. <ATH>. MD 3.6 (ATH).
30	20	38	40.3&	43.830	N	7.360	E	2 G			5	NEAR SOUTH COAST OF FRANCE. <STR>. ML 1.7 (STR).
30	20	52	57.2*	39.881	N	142.472	E	37 *	4.4	1.3	30	NEAR EAST COAST OF HONSHU, JAPAN
30	21	08	35.8	3.986	S	146.556	E	10 G	5.3 5.7	1.3	93	BISMARCK SEA. Mw 5.9 (GS), 5.9 (HRV). ML 5.8 (PMG). Moment Tensor (GS): Dep 20; Principal axes (scale 10**17 Nm): (T) Val=9.01, Plg=19, Azm=299; (N) Val=-0.97, Plg=65, Azm=164; (P) Val=-8.05, Plg=17, Azm=35; Best double couple: Mo=8.5*10**17 Nm; NP1: Strike=77, Dip=65, Slip=1; NP2: Strike=347, Dip=89, Slip=155. Centroid, Moment Tensor (HRV): Centroid origin time 21:08:42.2; Lat 4.09 S; Lon 146.81 E; Dep 15.0 Bdy; Half-duration 2.2 sec; Principal axes (scale 10**17 Nm): (T) Val=8.76, Plg=19, Azm=294; (N) Val=-0.71, Plg=71, Azm=108; (P) Val=-8.04, Plg=2, Azm=203; Best double couple: Mo=8.4*10**17 Nm; NP1: Strike=337, Dip=75, Slip=168; NP2: Strike=70, Dip=78, Slip=15.
30	21	22	23.5?	4.17	S	146.37	E	33 N	4.3	0.8	7	EASTERN NEW GUINEA REG., P.N.G.
30	21	24	22.4&	36.570	N	25.630	E	9			10	DODECANESE ISLANDS, GREECE. <ATH>. MD 3.6 (ATH).
30	22	32	01.3?	36.64	N	70.92	E	214 ?	3.0	0.4	6	HINDU KUSH REGION, AFGHANISTAN
30	22	59	27.6&	38.810	N	21.900	E	5			4	GREECE. <ATH>. MD 3.0 (ATH).

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.

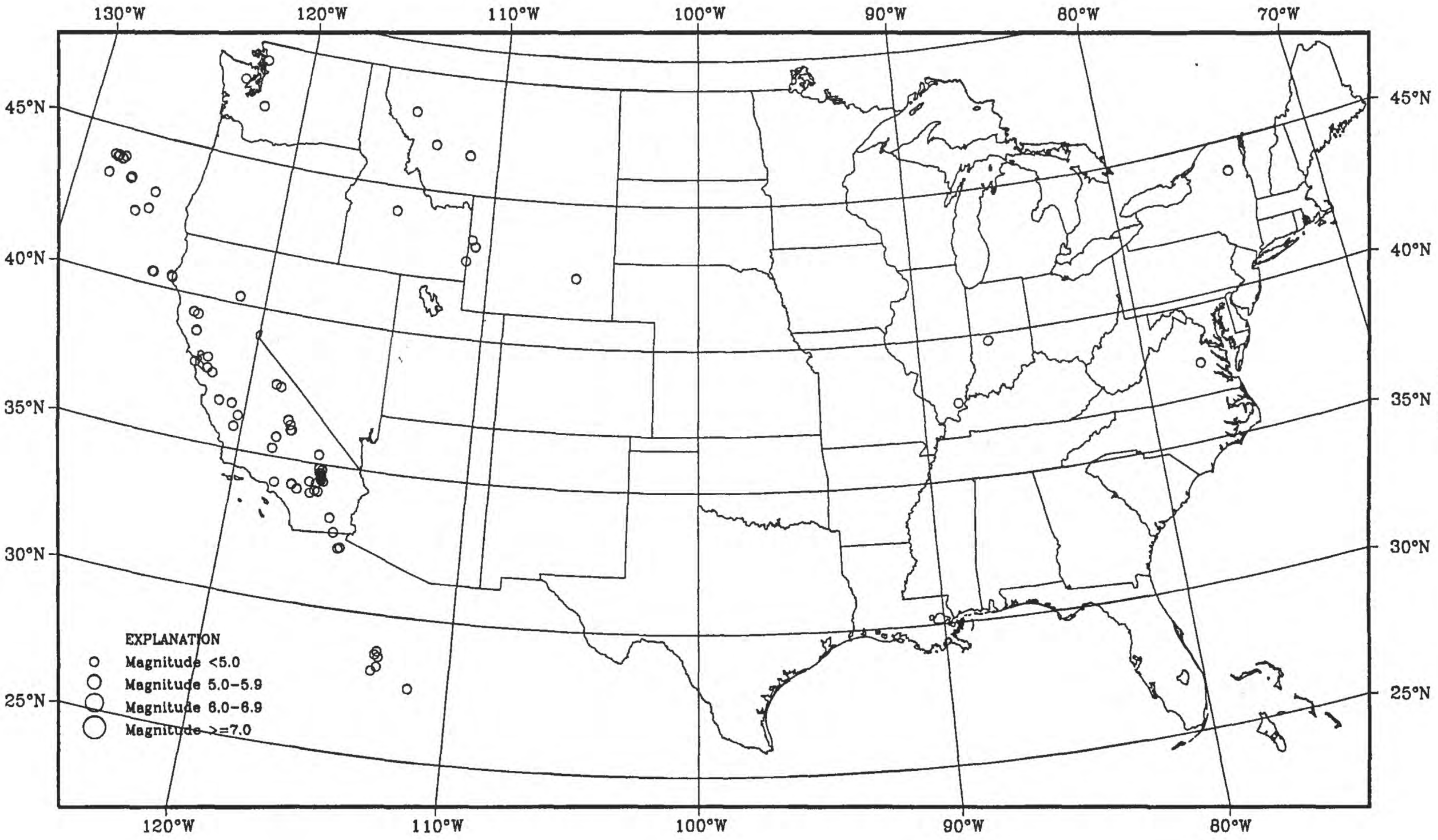
Earthquake Focal Mechanisms for April 2000



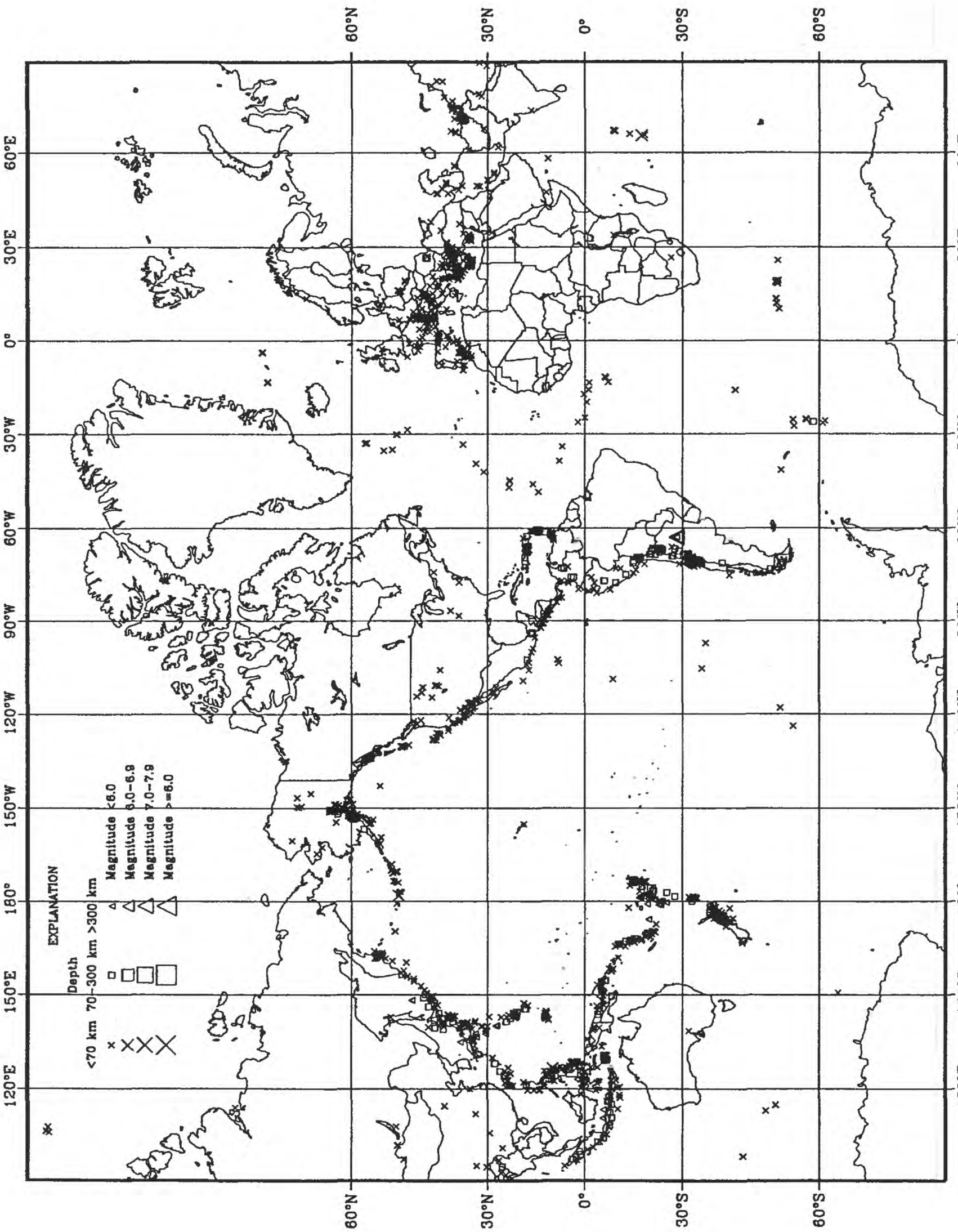
Earthquake epicenters in Alaska and adjacent regions for April 2000



Earthquake epicenters in the conterminous United States and adjacent regions for April 2000



Earthquakes located worldwide in April 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

MAY 2000

ORIGIN TIME UTC DAY	HR	MN	SEC	GEOGRAPHIC COORDINATES LAT		LONG		DEPTH		MAGNITUDE GS MB	Msz	SD	NO. STA USED	REGION, CONTRIBUTED MAGNITUDES AND COMMENTS
01	00	19	55.6	24.108	S	66.685	W	208		4.5		1.2	46	SALTA PROVINCE, ARGENTINA
01	00	25	06.5	44.802	N	17.403	E	10	G			1.1	35	NORTHWESTERN BALKAN REGION. ML 4.0 (ZAG). Felt at Sanski Most, Bosnia and Herzegovina.
01	00	46	37.4*	14.882	N	60.191	W	33	N			0.7	9	WINDWARD ISLANDS. MD 2.9 (TRN), 2.5 (FDF).
01	02	13	21.0&	40.620	N	24.260	E	30					14	AEGEAN SEA. <ATH>. ML 3.7 (ATH).
01	02	14	45.4	51.636	N	16.327	E	5	G			1.0	20	POLAND. ML 3.6 (GRF), 3.5 (FUR), 3.4 (VIE).
01	02	19	23.8&	38.610	N	21.450	E	5					8	GREECE. <ATH>. ML 3.4 (ATH).
01	02	23	18.1&	44.648	N	7.169	E	11					11	NORTHERN ITALY. <GEN>. ML 2.1 (GEN).
01	02	28	41.4	44.341	N	11.989	E	10	G	3.7		1.2	93	NORTHERN ITALY. ML 4.0 (VIE), 3.9 (ZAG), 3.8 (FUR), 3.7 (GRF), 3.5 (TRI), 3.5 (FBB).
01	03	08	58.8*	0.489	N	25.171	W	10	G	4.3	3.8	1.2	14	CENTRAL MID-ATLANTIC RIDGE
01	03	24	40.3&	44.963	N	7.043	E	5					11	NORTHERN ITALY. <GEN>. ML 2.3 (GEN).
01	06	28	45.3*	7.199	S	129.266	E	70				0.9	26	BANDA SEA
01	06	37	38.0	11.110	N	62.352	W	113	D	4.3		0.8	74	WINDWARD ISLANDS. MD 4.7 (TRN). Felt (III) on Trinidad.
01	06	38	07.0&	37.530	N	22.710	E	35					7	SOUTHERN GREECE. <ATH>. MD 2.7 (ATH).
01	06	50	27.0&	34.363	S	70.246	W	8					11	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.0 (GUC).
01	07	10	35.3&	32.008	S	71.332	W	26					10	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.5 (GUC).
01	07	25	13.8	18.038	S	179.775	W	675	*	4.6		0.9	108	FIJI ISLANDS REGION
01	07	28	21.2&	31.860	S	70.263	W	125					13	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.8 (GUC).
01	09	28	14.1&	38.390	N	21.980	E	5					4	GREECE. <ATH>. MD 2.9 (ATH).
01	10	19	30.8&	63.149	N	149.220	W	76					10	CENTRAL ALASKA. <AEIC>.
01	10	28	10.3&	32.163	N	115.072	W	6	G				6	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.0 (PAS). MD 3.2 (ECX).
01	10	30	28.1	13.242	N	92.412	E	33	N	4.7	4.2	0.8	99	ANDAMAN ISLANDS, INDIA REGION
01	11	10	14.0&	50.670	N	130.500	W	10	G	4.2			107	VANCOUVER ISLAND, CANADA REGION. <PGC-P>. ML 4.5 (PGC).
01	11	14	30.0&	61.279	N	150.559	W	67					30	SOUTHERN ALASKA. <AEIC>. ML 2.9 (AEIC), 2.9 (PMR).
01	11	18	00.7	18.449	N	145.624	E	207	D	4.3		1.0	78	MARIANA ISLANDS
01	11	25	36.0&	38.350	N	22.110	E	5					5	GREECE. <ATH>. MD 3.1 (ATH).
01	13	20	52.6	36.461	N	10.958	E	10	G			1.0	47	TUNISIA
01	14	02	55.1&	38.310	N	22.050	E	5					11	GREECE. <ATH>. ML 3.2 (ATH).
01	14	32	07.3&	40.350	S	176.440	E	33	N				13	NORTH ISLAND, NEW ZEALAND. <WEL>. ML 4.0 (WEL). Felt at Dannevirke.
01	14	48	33.6*	54.517	N	163.762	W	33	N	3.1		0.9	7	UNIMAK ISLAND REGION, ALASKA
01	15	51	53.3*	21.849	N	146.257	E	33	N	3.6		1.4	10	MARIANA ISLANDS REGION
01	15	59	17.4?	18.09	S	178.23	W	600	G	4.3		1.4	12	FIJI ISLANDS REGION
01	16	14	25.6*	17.990	S	178.561	W	600	G	4.2		0.9	36	FIJI ISLANDS REGION
01	16	29	09.7*	4.239	S	146.367	E	33	N	4.0		1.0	8	EASTERN NEW GUINEA REG., P.N.G.
01	17	10	54.0&	10.081	N	60.556	W	24					6	TRINIDAD. <TRN>. MD 3.3 (TRN).
01	17	54	41.3	47.753	N	17.621	E	5	G			0.7	8	HUNGARY. ML 3.1 (VIE).
01	18	08	29.9*	54.147	N	163.491	W	33	N	4.3		1.2	20	UNIMAK ISLAND REGION, ALASKA
01	18	10	17.5	47.675	N	15.627	E	10	G			1.4	9	AUSTRIA. ML 2.5 (VIE).
01	18	33	13.3	36.597	N	71.344	E	206	*	4.0		0.6	39	AFGHANISTAN-TAJIKISTAN BORD REG.
01	18	41	02.8&	59.007	N	150.814	W	43					13	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.5 (AEIC).
01	18	41	41.8	38.176	N	73.053	E	141	D	5.3		0.8	340	TAJIKISTAN-XINJIANG BORDER REG. Mw 5.6 (HRV). Felt (III) at Andijon, Namangan and Toshkent, Uzbekistan. Also felt at Dushanbe, Tajikistan. Centroid, Moment Tensor (HRV): Centroid origin time 18:41:43.6; Lat 37.82 N; Lon 72.43 E; Dep 152.0; Half-duration 1.5 sec; Principal axes (scale 10**17 Nm): (T) Val=3.06, Plg=12, Azm=37; (N) Val=-0.17, Plg=74, Azm=179; (P) Val=-2.89, Plg=9, Azm=305; Best double couple: Mo=3.0*10**17 Nm; NP1: Strike=81, Dip=75, Slip=178; NP2: Strike=171, Dip=88, Slip=15.
01	18	49	52.2&	44.030	N	7.390	E	2	G				5	NORTHERN ITALY. <STR>. ML 2.3 (STR).
01	20	45	12.8	40.274	N	143.245	E	33	N	4.9	4.9	1.0	134	OFF EAST COAST OF HONSHU, JAPAN. Mw 5.2 (HRV). Recorded (1 JMA) in eastern Aomori, northeastern Miyagi and parts of Iwate Prefectures. Centroid, Moment Tensor (HRV): Centroid origin time 20:45:20.6; Lat 41.08 N; Lon 143.65 E; Dep 28.0 Bdy; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=7.17, Plg=52, Azm=337; (N) Val=0.22, Plg=18, Azm=222;

													(P) Val=-7.39, Plg=32, Azm=120; Best double couple: Mo=7.3*10**16 Nm; NP1: Strike=164, Dip=21, Slip=30; NP2: Strike=45, Dip=80, Slip=108.
01	21	05	38.3	40.244	N	143.288	E	33	N	5.0	4.5	0.9	176	OFF EAST COAST OF HONSHU, JAPAN
01	21	20	39.8&	34.068	S	70.383	W	10					10	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.9 (GUC).
01	21	24	24.7*	53.326	N	153.659	E	489		4.5		1.0	20	SEA OF OKHOTSK
01	21	33	18.2?	12.50	N	142.82	E	33	N	4.2		1.0	9	SOUTH OF MARIANA ISLANDS
01	21	37	12.9*	2.282	S	120.728	E	33	N	4.7		1.0	10	SULAWESI, INDONESIA
01	21	40	01.6&	35.560	N	24.110	E	28					6	CRETE, GREECE. <ATH>. MD 3.5 (ATH).
01	21	45	31.7&	33.652	S	70.403	W	105					13	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.9 (GUC).
01	22	32	48.7	4.306	S	132.810	E	33	N	5.1	4.3	1.2	62	IRIAN JAYA REGION, INDONESIA. Mw 5.3 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 22:32:50.6; Lat 4.27 S; Lon 132.87 E; Dep 24.0 Bdy; Half-duration 1.3 sec; Principal axes (scale 10**17 Nm): (T) Val=1.01, Plg=7, Azm=275; (N) Val=-0.13, Plg=81, Azm=58; (P) Val=-0.88, Plg=6, Azm=185; Best double couple: Mo=9.4*10**16 Nm; NP1: Strike=320, Dip=81, Slip=179; NP2: Strike=50, Dip=89, Slip=9.
01	22	41	28.1&	34.496	N	32.185	E	25					7	CYPRUS REGION. <CSS>. ML 2.6 (CSS).
01	23	22	36.7*	21.614	N	143.213	E	300	G	3.6		1.0	16	MARIANA ISLANDS REGION
01	23	43	17.5&	36.380	N	22.740	E	5					4	SOUTHERN GREECE. <ATH>. MD 2.7 (ATH).
01	23	47	44.1?	12.40	N	142.90	E	33	N	4.3	4.1	1.3	9	SOUTH OF MARIANA ISLANDS
02	00	25	54.2*	12.550	N	142.732	E	33	N	4.4		0.8	11	SOUTH OF MARIANA ISLANDS
02	01	04	14.6&	38.300	N	22.150	E	5					5	GREECE. <ATH>. MD 2.9 (ATH).
02	01	06	39.7	12.472	N	142.505	E	33	N	5.0	4.5	1.0	54	SOUTH OF MARIANA ISLANDS. Mw 5.0 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 01:06:44.1; Lat 12.74 N; Lon 142.36 E; Dep 27.5; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=5.14, Plg=16, Azm=333; (N) Val=-2.21, Plg=9, Azm=240; (P) Val=-2.93, Plg=72, Azm=122; Best double couple: Mo=4.0*10**16 Nm; NP1: Strike=75, Dip=30, Slip=-72; NP2: Strike=235, Dip=61, Slip=-100.
02	01	17	01.7&	34.684	N	32.168	E	25					6	CYPRUS REGION. <CSS>. ML 2.2 (CSS).
02	03	47	17.6&	39.150	N	22.420	E	5					12	GREECE. <ATH>. ML 3.2 (ATH).
02	04	11	57.5&	40.370	S	176.380	E	61					11	NORTH ISLAND, NEW ZEALAND. <WEL>. ML 3.6 (WEL).
02	04	59	38.5&	32.172	N	115.071	W	6	G				8	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.1 (PAS). MD 3.4 (ECX).
02	05	08	23.4*	2.625	N	128.627	E	33	N	4.5		0.6	7	HALMAHERA, INDONESIA
02	05	14	46.7*	55.449	N	166.107	E	33	N	3.3		0.4	8	KOMANDORSKY ISLANDS REGION
02	05	25	04.6	40.276	N	143.269	E	33	N	5.0	4.6	1.1	134	OFF EAST COAST OF HONSHU, JAPAN. Recorded (1 JMA) in southeastern Aomori, northeastern Miyagi and parts of Iwate Prefectures.
02	06	25	26.6*	36.332	N	141.871	E	33	N	3.4		1.0	9	NEAR EAST COAST OF HONSHU, JAPAN
02	06	29	05.5&	38.500	S	176.020	E	195					9	NORTH ISLAND, NEW ZEALAND. <WEL>.
02	06	32	24.9*	55.482	N	166.054	E	33	N	3.5		1.1	15	KOMANDORSKY ISLANDS REGION
02	06	45	46.8	32.242	N	114.961	W	10	G	4.5		0.8	53	W. ARIZONA-SONORA BORDER REGION. MD 4.6 (ECX). ML 3.9 (PAS). Felt in the Mexicali area, Baja California and the San Luis Rio Colorado area, Sonora. Felt (IV) at Yuma and (III) at Somerton, Arizona. Also felt in Imperial County, California.
02	06	52	10.5&	46.890	N	1.670	W	2	G				5	FRANCE. <STR>. ML 3.1 (STR).
02	07	00	40.0*	12.414	N	142.428	E	33	N	4.6		1.3	18	SOUTH OF MARIANA ISLANDS
02	07	06	23.9?	32.04	N	115.11	W	10	G			0.8	15	CALIF.-BAJA CALIF. BORDER REGION. MD 3.9 (ECX). ML 3.7 (PAS). Felt in the Mexicali area, Baja California.
02	07	16	12.7	32.255	N	114.920	W	10	G	4.4		1.0	55	W. ARIZONA-SONORA BORDER REGION. MD 4.4 (ECX). ML 4.2 (PAS). Felt in the Mexicali area, Baja California and the San Luis Rio Colorado area, Sonora. Felt at Yuma, Arizona. Also felt in Imperial County, California.
02	07	51	15.9	29.649	S	178.995	W	294		4.5		1.2	50	KERMADEC ISLANDS, NEW ZEALAND
02	08	05	48.5&	17.964	N	100.686	W	58					14	GUERRERO, MEXICO. <UNM>. MD 3.9 (UNM).
02	08	10	29.4*	12.536	N	142.704	E	33	N	4.4		0.7	11	SOUTH OF MARIANA ISLANDS
02	08	22	09.4&	35.177	N	33.421	E	35					4	CYPRUS REGION. <CSS>.
02	08	31	19.6&	32.144	N	115.088	W	6	G				9	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.0 (PAS). MD 3.3 (ECX).
02	08	48	47.3	44.243	N	12.016	E	10	G	4.4		1.2	129	NORTHERN ITALY. ML 4.5 (VIE), 4.2 (FUR).
02	09	36	09.1	33.019	S	179.356	W	64	D	4.7		1.2	47	SOUTH OF KERMADEC ISLANDS
02	09	39	47.7	44.339	N	11.890	E	10	G			1.1	13	NORTHERN ITALY. ML 2.9 (VIE).
02	09	49	13.3&	32.118	N	115.044	W	6	G	3.8			9	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.2 (PAS). MD 3.7 (ECX). Felt in the Mexicali area, Baja California.
02	09	55	25.1&	61.452	N	146.634	W	55		4.6			208	SOUTHERN ALASKA. <AEIC>. ML 4.5 (AEIC), 4.8 (PMR). Felt at Glennallen, Palmer and Valdez.
02	09	58	34.2	15.540	S	177.521	W	401	D	5.3		0.8	201	FIJI ISLANDS REGION. Mw 5.5 (GS), 5.5 (HRV). Moment Tensor (GS): Dep 415; Principal axes (scale 10**17 Nm): (T) Val=2.71, Plg=60, Azm=53; (N) Val=-0.91, Plg=11, Azm=163; (P) Val=-1.80, Plg=27, Azm=258; Best double couple: Mo=2.3*10**17 Nm; NP1: Strike=14, Dip=20, Slip=123; NP2: Strike=159, Dip=73, Slip=79. Centroid, Moment Tensor (HRV): Centroid origin time 09:58:43.3; Lat 15.41 S; Lon 177.24 W; Dep 423.5; Half-duration 1.4 sec; Principal axes (scale 10**17 Nm): (T) Val=2.22, Plg=45, Azm=62; (N) Val=-0.08, Plg=2, Azm=330; (P) Val=-2.14, Plg=44, Azm=239; Best double couple: Mo=2.2*10**17 Nm; NP1: Strike=256, Dip=2, Slip=16; NP2: Strike=150, Dip=89, Slip=92.
02	10	04	51.4&	35.460	N	24.350	E	34					21	CRETE, GREECE. <ATH>. MD 3.8 (ATH).
02	10	34	48.2&	61.427	N	146.625	W	33					45	SOUTHERN ALASKA. <AEIC>. ML 2.9 (AEIC).
02	10	57	22.3&	61.424	N	146.646	W	30					52	SOUTHERN ALASKA. <AEIC>. ML 3.1 (AEIC), 3.3 (PMR).
02	10	57	28.5*	13.450	N	50.419	E	33	N			0.7	9	EASTERN GULF OF ADEN
02	11	06	14.5&	16.234	N	98.176	W	3					7	NEAR COAST OF GUERRERO, MEXICO. <UNM>. MD 4.1 (UNM).
02	11	11	06.1	52.167	N	158.151	E	99		4.4		0.9	45	NEAR EAST COAST OF KAMCHATKA
02	11	57	12.9&	37.406	N	118.506	W	6					9	CALIFORNIA-NEVADA BORDER REGION. <NC-P>. MD 2.8 (NC).
02	13	02	52.5&	36.819	N	3.006	W	0	G				9	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.5 (MDD).
02	14	32	59.3*	35.215	N	139.100	E	33	N			1.2	10	NEAR S. COAST OF HONSHU, JAPAN
02	14	49	18.1*	20.136	S	168.930	E	33	N			0.8	15	LOYALTY ISLANDS

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02  14 54 31.8  46.201 N  142.923 E  356 D  4.3       1.0   82  SAKHALIN ISLAND, RUSSIA
02  14 58 29.3  37.665 N   21.693 E   71 *              1.2   17  SOUTHERN GREECE. MD 3.5 (ATH).
02  15 03 36.8  17.439 N  147.516 E   55 D  5.8       1.0  247  MARIANA ISLANDS REGION. Mw 6.0 (HRV), 5.9 (GS). Me 5.8 (GS).
                                                               Broadband Source Parameters (GS): Dep 8; NP1: Strike=150,
                                                                Dip=65, Slip=-130; NP2: Strike=33, Dip=46, Slip=-36;
                                                                Radiated energy 1.3*10**13 Nm.
                                                               Moment Tensor (GS): Dep 5; Principal axes (scale 10**17 Nm):
                                                                (T) Val=8.44, Plg=18, Azm=240; (N) Val=-0.30, Plg=36,
                                                                Azm=137; (P) Val=-8.14, Plg=49, Azm=352; Best double
                                                                couple: Mo=8.3*10**17 Nm; NP1: Strike=11, Dip=42, Slip=-29;
                                                                NP2: Strike=123, Dip=71, Slip=-128.
                                                               Centroid, Moment Tensor (HRV): Centroid origin time
                                                                15:03:38.2; Lat 17.42 N; Lon 148.02 E; Dep 15.0 Bdy; Half-
                                                                duration 2.5 sec; Principal axes (scale 10**18 Nm): (T)
                                                                Val=0.86, Plg=9, Azm=256; (N) Val=0.45, Plg=50, Azm=155;
                                                                (P) Val=-1.30, Plg=38, Azm=354; Best double couple:
                                                                Mo=1.1*10**18 Nm; NP1: Strike=28, Dip=56, Slip=-23; NP2:
                                                                Strike=131, Dip=71, Slip=-144.
02  15 38 47.1* 17.510 N  147.568 E   33 N  4.3       1.0   20  MARIANA ISLANDS REGION
02  15 49 13.3  58.815 S   26.557 W  129 D  4.7       0.8   22  SOUTH SANDWICH ISLANDS REGION
02  16 18 09.4* 17.621 N  147.526 E   33 N  3.1       1.3    8  MARIANA ISLANDS REGION
02  16 22 39.9  12.520 N  142.594 E   33 N  4.6       1.1   29  SOUTH OF MARIANA ISLANDS
02  16 45 05.2* 52.653 N  160.498 E   54 *  4.3 4.0   1.2   31  OFF EAST COAST OF KAMCHATKA
02  16 56 23.0% 24.130 N  122.690 E   33 N              0.4    7  TAIWAN REGION
02  18 02 38.9& 16.965 N  100.652 W    2                      18  NEAR COAST OF GUERRERO, MEXICO. <UNM>. MD 4.1 (UNM).
02  18 04 36.6  51.654 N   16.189 E    5 G  3.9       0.8   37  POLAND. ML 4.0 (GRF), 3.9 (FUR), 3.7 (VIE).
02  18 51 36.9& 18.269 N   67.553 W  129                      7  MONA PASSAGE. <RSPR>. MD 3.1 (RSPR).
02  18 54 04.0* 17.501 N  147.701 E   33 N  3.6       0.6    7  MARIANA ISLANDS REGION
02  19 13 11.7* 17.481 N  147.640 E   33 N              1.0   13  MARIANA ISLANDS REGION
02  20 03 01.9*  5.483 S  151.731 E   63 *  4.1       1.1   11  NEW BRITAIN REGION, P.N.G.
02  20 19 52.3& 37.270 N   20.680 E    5                      4  IONIAN SEA. <ATH>. MD 3.1 (ATH).
02  20 39 48.8  53.424 N  159.832 E   58 D  4.3       1.1   47  NEAR EAST COAST OF KAMCHATKA. Felt (III) at Petropavlovsk-
                                                                Kamchatskiy.
02  20 47 37.3& 44.919 N    7.207 E   16                      6  NORTHERN ITALY. <GEN>. ML 2.1 (GEN).
02  21 24 17.1& 32.165 N  115.089 W    6 G                    9  CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.1 (PAS). MD
                                                                3.2 (ECX).
02  21 50 11.2* 47.897 N  153.404 E   78 D  3.7       0.9   14  KURIL ISLANDS
02  22 09 30.9& 17.802 N   67.719 W    1                      7  MONA PASSAGE. <RSPR>. ML 3.4 (RSPR).
02  22 15 22.7* 44.653 N  147.832 E  118              1.2   19  KURIL ISLANDS
02  22 47 09.1& 17.365 N   94.929 W  169                      5  CHIAPAS, MEXICO. <UNM>. MD 4.3 (UNM).
02  23 19 08.9& 37.520 N   22.770 E   23                      6  SOUTHERN GREECE. <ATH>. ML 2.8 (ATH).
02  23 30 03.3* 56.135 N  164.202 E   33 N  3.1       0.7    8  KOMANDORSKY ISLANDS REGION
02  23 40 23.7*  6.275 S  154.842 E   33 N  4.2       1.0   16  SOLOMON ISLANDS
02  23 59 17.9  59.737 N  139.396 W   10 G  5.3 4.8   0.8  353  SOUTHEASTERN ALASKA. Mw 5.4 (HRV). ML 5.3 (PMR), 5.3 (PGC),
                                                                5.0 (AEIC). Felt (VI) at Yakutat.
                                                               Centroid, Moment Tensor (HRV): Centroid origin time
                                                                23:59:24.1; Lat 59.70 N Fix; Lon 139.48 W Fix; Dep 15.0
                                                                Bdy; Half-duration 1.2 sec; Principal axes (scale 10**17
                                                                Nm): (T) Val=1.45, Plg=55, Azm=326; (N) Val=-0.43, Plg=35,
                                                                Azm=136; (P) Val=-1.02, Plg=5, Azm=229; Best double couple:
                                                                Mo=1.2*10**17 Nm; NP1: Strike=351, Dip=51, Slip=138; NP2:
                                                                Strike=111, Dip=59, Slip=48.
03  00 20 06.1* 17.824 S  178.777 W  600 G  4.0       0.6   10  FIJI ISLANDS REGION
03  01 09 02.2* 18.547 S  168.895 E  221    4.4       0.6   10  VANUATU ISLANDS
03  01 19 30.8* 28.606 N   96.332 E   33 N  3.7       0.9   11  EASTERN XIZANG-INDIA BORDER REG.
03  01 19 46.9* 17.674 N   62.863 W  200 G  3.0       0.3   15  LEEWARD ISLANDS. MD 3.6 (TRN).
03  01 25 24.4? 45.17  N   26.40  E  100 G  3.1       0.6    5  ROMANIA
03  01 34 36.1& 45.910 N    2.960 E    1 G                   20  FRANCE. <STR>. MD 2.4 (LDG). ML 2.3 (STR).
03  01 46 24.3  45.835 N   14.759 E   10 G              0.7   15  NORTHWESTERN BALKAN REGION. ML 2.7 (VIE), 2.4 (ZAG), 2.2
                                                                (LJU), 2.1 (TRI).
03  02 24 34.5  48.557 N  155.531 E   33 N  4.6 4.0   1.3   57  KURIL ISLANDS
03  02 51 26.8  23.955 S  179.826 E  513 D  4.9       0.8  123  SOUTH OF FIJI ISLANDS. Mw 5.4 (HRV).
                                                               Centroid, Moment Tensor (HRV): Centroid origin time
                                                                02:51:30.7; Lat 24.24 S; Lon 179.77 E; Dep 553.8; Half-
                                                                duration 1.1 sec; Principal axes (scale 10**17 Nm): (T)
                                                                Val=1.16, Plg=46, Azm=66; (N) Val=0.15, Plg=38, Azm=211;
                                                                (P) Val=-1.31, Plg=18, Azm=316; Best double couple:
                                                                Mo=1.2*10**17 Nm; NP1: Strike=88, Dip=43, Slip=155; NP2:
                                                                Strike=197, Dip=73, Slip=50.
03  03 11 55.5  35.869 N   30.286 E   58 *  4.1       1.2   55  EASTERN MEDITERRANEAN SEA
03  03 31 22.7* 22.084 N  143.891 E  127 D  4.7       1.1   13  VOLCANO ISLANDS, JAPAN REGION
03  04 18 44.8& 38.460 N   21.940 E   27                      7  GREECE. <ATH>. ML 3.2 (ATH).
03  04 49 05.0* 46.222 N   16.478 E   10 G              0.6    6  NORTHWESTERN BALKAN REGION. ML 2.7 (VIE), 2.3 (ZAG).
03  04 59 19.8& 38.340 N   22.050 E    5    3.8              31  GREECE. <ATH>. MD 3.8 (ATH).
03  05 09 37.3& 38.340 N   22.040 E    5    3.9              39  GREECE. <ATH>. MD 3.7 (ATH).
03  05 19 40.0   5.984 S  104.851 E  100 G  4.8       1.1   37  SOUTHERN SUMATERA, INDONESIA
03  05 39 39.8  20.581 S  178.620 W  500 G  4.2       0.9   24  FIJI ISLANDS REGION
03  05 50 32.5& 38.400 N   22.280 E    5                      4  GREECE. <ATH>. MD 3.0 (ATH).
03  05 54 41.9& 38.420 N   22.140 E    5                      5  GREECE. <ATH>. MD 2.9 (ATH).
03  06 33 24.4& 38.341 N   22.148 E   10    3.6              39  GREECE. <THE>. MD 3.7 (ATH). ML 3.6 (THE).
03  07 35 00.0  31.402 S   67.335 W   26 D  4.3       1.2   30  SAN JUAN PROVINCE, ARGENTINA
03  07 46 23.2& 40.050 S  174.840 E   29                     18  COOK STRAIT, NEW ZEALAND. <WEL>. ML 4.2 (WEL).
03  07 57 02.9? 1.85  S  139.27  E   33 N              1.5    7  NEAR NORTH COAST OF IRIAN JAYA
03  08 10 29.6& 31.963 S   71.288 W   71    3.6              15  NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.0 (GUC).
03  08 12 30.7& 34.514 N  116.273 W    0                     11  SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
03  08 20 29.3*  7.043 S  129.506 E  119 ?              0.9    7  BANDA SEA
03  08 40 37.2* 48.400 N  154.644 E   46 D  4.4       1.1   23  KURIL ISLANDS
03  09 01 16.2  29.662 N   50.797 E   33 N  5.0 4.5   1.2  137  SOUTHERN IRAN. Mw 5.1 (HRV).
                                                               Centroid, Moment Tensor (HRV): Centroid origin time
                                                                09:01:18.1; Lat 29.57 N; Lon 50.18 E; Dep 33.0 Fix; Half-
                                                                duration 1.0 sec; Principal axes (scale 10**16 Nm): (T)
                                                                Val=4.13, Plg=40, Azm=145; (N) Val=0.71, Plg=44, Azm=290;
                                                                (P) Val=-4.84, Plg=19, Azm=39; Best double couple:
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													Mo=4.5*10**16 Nm; NP1: Strike=174, Dip=47, Slip=162; NP2: Strike=277, Dip=77, Slip=45.
03	09	06	08.4	29.555	N	50.797	E	33	N	4.8	0.9	58	SOUTHERN IRAN
03	09	14	03.9*	12.585	N	142.642	E	33	N	4.6	0.7	14	SOUTH OF MARIANA ISLANDS
03	09	24	39.9&	38.390	N	22.180	E	3				7	GREECE. <ATH>. MD 3.1 (ATH).
03	09	38	47.2*	19.693	S	168.422	E	33	N		0.7	9	VANUATU ISLANDS
03	09	44	11.1&	38.380	N	21.930	E	5				5	GREECE. <ATH>. MD 3.0 (ATH).
03	10	18	59.7	39.372	N	76.696	E	63		4.7	0.8	78	SOUTHERN XINJIANG, CHINA
03	10	26	58.6*	29.505	N	50.784	E	33	N	4.4	0.9	18	SOUTHERN IRAN
03	11	10	39.8&	62.586	N	151.224	W	92		2.4		13	CENTRAL ALASKA. <AEIC>.
03	11	42	10.0&	32.183	N	115.093	W	6	G			12	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.3 (PAS). MD 3.2 (ECX).
03	12	16	10.7*	35.671	S	179.538	E	50	G	4.5	1.1	20	OFF E. COAST OF N. ISLAND, N.Z. ML 4.6 (WEL).
03	13	26	11.2	36.407	N	67.276	E	33	N	4.5 3.7	1.2	25	HINDU KUSH REGION, AFGHANISTAN
03	13	34	02.0&	44.024	N	7.978	E	1				7	NORTHERN ITALY. <GEN>. ML 2.2 (GEN).
03	13	36	46.7*	18.543	N	145.545	E	220	D	4.1	1.1	24	MARIANA ISLANDS
03	13	42	41.0*	52.938	N	159.334	E	115		3.9	1.2	13	OFF EAST COAST OF KAMCHATKA
03	13	52	54.7*	36.610	N	67.042	E	33	N	4.3	1.1	10	HINDU KUSH REGION, AFGHANISTAN
03	14	10	34.8&	48.020	N	7.060	E	2	G			5	FRANCE. <STR>. ML 1.8 (STR).
03	14	17	22.5&	34.910	N	25.480	E	30				5	CRETE, GREECE. <ATH>. MD 3.5 (ATH).
03	15	00	24.4?	53.26	N	170.77	W	176	*	3.0	0.9	11	FOX ISLANDS, ALEUTIAN ISLANDS
03	15	42	21.4*	23.962	N	94.812	E	33	N	4.4	1.0	17	MYANMAR-INDIA BORDER REGION
03	16	19	31.5*	12.123	N	142.684	E	33	N	3.6	0.9	5	SOUTH OF MARIANA ISLANDS
03	16	36	00.2*	46.069	N	14.178	E	10	G		0.8	5	NORTHWESTERN BALKAN REGION. ML 1.8 (VIE), 1.2 (LJU).
03	16	38	32.8	46.259	N	12.388	E	10	G		1.3	11	NORTHERN ITALY. ML 2.3 (VIE), 2.1 (TRI), 2.1 (LJU).
03	16	55	28.6&	44.369	N	7.218	E	7				26	NORTHERN ITALY. <GEN>. MD 2.6 (LDG). ML 2.5 (GEN), 2.0 (STR).
03	16	57	34.8&	44.382	N	7.248	E	8				4	NORTHERN ITALY. <GEN>. ML 1.5 (GEN).
03	17	08	26.6	36.590	N	71.225	E	224	*		0.6	8	AFGHANISTAN-TAJIKISTAN BORD REG.
03	17	33	46.2&	19.205	N	67.557	W	93				5	MONA PASSAGE. <RSPR>. MD 3.1 (RSPR).
03	17	35	08.4*	49.101	N	155.683	E	33	N	4.0 3.6	1.3	13	KURIL ISLANDS
03	17	52	20.9&	38.340	N	22.070	E	5				6	GREECE. <ATH>. MD 2.9 (ATH).
03	17	52	35.6	17.586	S	69.421	W	148	D	4.5	1.0	38	PERU-BOLIVIA BORDER REGION. Felt (I) at Arica, Chile.
03	18	09	11.3&	16.577	N	99.340	W	10				7	NEAR COAST OF GUERRERO, MEXICO. <UNM>. MD 3.8 (UNM).
03	18	12	46.2&	38.380	N	21.990	E	10				6	GREECE. <ATH>. MD 2.9 (ATH).
03	18	32	04.7&	16.671	N	99.317	W	20				8	NEAR COAST OF GUERRERO, MEXICO. <UNM>. MD 3.8 (UNM).
03	18	39	37.6&	16.411	N	99.472	W	16				17	NEAR COAST OF GUERRERO, MEXICO. <UNM>. MD 4.0 (UNM).
03	18	56	39.3	22.159	N	143.737	E	100	G	4.7	1.0	48	VOLCANO ISLANDS, JAPAN REGION
03	19	03	38.6&	57.207	N	155.397	W	59		4.0		43	ALASKA PENINSULA. <AEIC>. ML 3.9 (AEIC), 4.1 (PMR).
03	19	04	12.3&	45.798	N	7.155	E	0				63	NORTHERN ITALY. <GEN>. ML 3.0 (LDG), 2.7 (GEN), 2.7 (STR).
03	19	20	54.0*	17.436	N	147.633	E	45	D	3.7	0.9	14	MARIANA ISLANDS REGION
03	19	38	51.4?	42.24	N	145.55	E	33	N		0.2	5	HOKKAIDO, JAPAN REGION
03	19	42	57.6&	38.410	N	22.000	E	35				8	GREECE. <ATH>. MD 3.1 (ATH).
03	20	02	37.2*	23.593	S	64.491	W	33	N		1.6	5	JUJUY PROVINCE, ARGENTINA
03	20	07	00.5&	38.360	N	22.010	E	21				7	GREECE. <ATH>. ML 3.2 (ATH).
03	20	08	59.6&	11.421	N	61.353	W	27		3.4		5	WINDWARD ISLANDS. <TRN>. MD 2.8 (TRN).
03	20	15	39.4&	36.331	S	72.140	W	69		3.3		15	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.0 (GUC). Felt (III) at Talca and Villa Alegre; (II) at Linares.
03	20	16	42.3	46.299	N	12.381	E	10	G		1.1	12	NORTHERN ITALY. ML 2.6 (VIE), 2.4 (TRI), 2.1 (LJU).
03	20	38	22.1*	47.986	N	84.682	E	33	N	3.8	0.4	7	KAZAKHSTAN-XINJIANG BORDER REG.
03	20	47	33.0*	51.449	N	16.066	E	5	G		0.9	5	POLAND. ML 3.0 (VIE).
03	20	56	24.7*	22.175	N	143.863	E	123	D	4.2	1.0	21	VOLCANO ISLANDS, JAPAN REGION
03	21	28	51.2&	35.093	N	118.312	W	8				7	CENTRAL CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
03	22	17	18.4*	28.803	N	54.802	E	33	N	4.3 3.5	1.3	40	SOUTHERN IRAN
03	23	36	57.3&	38.450	N	21.980	E	28				6	GREECE. <ATH>. ML 3.1 (ATH).
03	23	41	34.5*	17.487	N	147.683	E	33	N		0.8	8	MARIANA ISLANDS REGION
04	00	03	14.9&	39.470	N	20.620	E	27				5	GREECE-ALBANIA BORDER REGION. <ATH>. MD 3.0 (ATH).
04	00	08	34.1	15.060	N	60.296	W	10	G		0.3	13	LEEWARD ISLANDS. MD 3.2 (TRN), 3.1 (FDF).
04	00	23	53.3&	38.340	N	21.990	E	5				9	GREECE. <ATH>. MD 3.2 (ATH).
04	01	02	30.7*	37.058	S	178.555	E	186		4.5	1.1	20	OFF E. COAST OF N. ISLAND, N.Z.
04	01	06	16.2&	39.010	S	176.170	E	101				6	NORTH ISLAND, NEW ZEALAND. <WEL>.
04	01	32	12.1&	38.750	N	26.340	E	24		3.5		24	AEGEAN SEA. <ATH>. ML 3.8 (ATH).
04	01	44	36.6*	27.889	N	91.543	E	33	N	3.7	0.6	6	BHUTAN
04	02	00	59.6	29.967	N	79.988	E	33	N	3.5	0.8	11	NORTHERN INDIA. ML 3.7 (NDI).
04	02	02	06.1*	33.771	N	132.303	E	59	*	4.3	0.7	7	SHIKOKU, JAPAN. Recorded (2 JMA) in southwestern Hiroshima Prefecture, Honshu. Also recorded (1 JMA) in northern Shikoku.
04	02	17	58.0&	17.802	N	65.624	W	3				7	PUERTO RICO REGION. <RSPR>. MD 3.3 (RSPR).
04	03	01	34.0	51.500	N	173.889	W	33	N	4.5	0.9	75	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.2 (PMR).
04	03	24	58.6*	51.939	N	174.052	W	33	N		1.2	15	ANDREANOF ISLANDS, ALEUTIAN IS.
04	04	17	57.4&	34.514	N	32.302	E	25				7	CYPRUS REGION. <CSS>. ML 3.4 (CSS).
04	04	21	16.2	1.105	S	123.573	E	26	G	6.7 7.5	1.1	430	SULAWESI, INDONESIA. Mw 7.6 (HRV), 7.4 (GS), 7.2 (OBN). Me 7.6 (GS). At least 46 people killed, 264 injured, 30,000 homeless, extensive damage and power outages occurred in the Luwuk area, Sulawesi and on nearby islands. Eighty percent of buildings were damaged or destroyed on Banggai. Damage also occurred on Peleng. Dozens of houses damaged (VII) and a local market destroyed by fire at Luwuk. Much of the damage east of Luwuk and on Peleng was caused by a local tsunami with estimated wave heights up to 6 meters. Felt (V) at Gorontalo and Palu; (IV) at Manado and Tolitoli, Sulawesi. Felt (IV) at Balikpapan, Borneo. Felt (III) on Ternate. Also felt at Tawau, Malaysia. Broadband Source Parameters (GS): Dep 26; NP1: Strike=360, Dip=65, Slip=105; NP2: Strike=148, Dip=29, Slip=61; Radiated energy 4.9*10**15 Nm.. Moment Tensor (GS): Dep 6; Principal axes (scale 10**20 Nm): (T) Val=1.49, Plg=51, Azm=178; (N) Val=0.30, Plg=39, Azm=349; (P) Val=-1.79, Plg=5, Azm=83; Best double couple: Mo=1.6*10**20 Nm; NP1: Strike=207, Dip=53, Slip=142; NP2: Strike=322, Dip=61, Slip=44. Centroid, Moment Tensor (HRV): Centroid origin time 04:21:33.4; Lat 1.29 S Fix; Lon 123.59 E Fix; Dep 18.6; Half-duration 15.1 sec; Principal axes (scale 10**20 Nm):

												(T) Val=2.04, Plg=23, Azm=185; (N) Val=0.80, Plg=63, Azm=332; (P) Val=-2.84, Plg=13, Azm=89; Best double couple: Mo=2.4*10**20 Nm; NP1: Strike=225, Dip=64, Slip=172; NP2: Strike=319, Dip=83, Slip=26.
												Scalar Moment (OBN): Mo=8.0*10**19 Nm.
04	04	40	01.4*	0.846	S	123.307	E	33	N	4.9	0.5	9 MINAHASSA PENINSULA, SULAWESI
04	04	42	06.8*	1.815	S	123.784	E	33	N		0.6	10 SULAWESI, INDONESIA
04	04	50	52.9	1.656	S	123.492	E	33	N	5.4	1.3	68 SULAWESI, INDONESIA
04	05	07	54.7*	1.404	S	123.724	E	33	N	4.5	1.5	7 SULAWESI, INDONESIA
04	05	08	54.6*	1.403	S	123.560	E	33	N		0.7	8 SULAWESI, INDONESIA
04	05	56	19.4	1.392	S	123.448	E	33	N	5.1	1.2	44 SULAWESI, INDONESIA
04	06	06	27.3	1.133	S	123.711	E	33	N	5.0	1.2	40 SULAWESI, INDONESIA
04	06	27	29.8*	1.324	S	123.266	E	33	N	4.1	1.4	6 SULAWESI, INDONESIA
04	06	29	55.9*	1.454	S	123.410	E	33	N	4.5	1.5	7 SULAWESI, INDONESIA
04	06	48	48.8*	1.312	S	123.380	E	33	N	4.4	1.3	8 SULAWESI, INDONESIA
04	06	55	52.4*	1.331	S	123.659	E	33	N	4.2	1.4	8 SULAWESI, INDONESIA
04	06	59	50.0*	41.099	N	142.804	E	33	N		0.9	7 HOKKAIDO, JAPAN REGION. Recorded (1 JMA) in southeastern Aomori Prefecture, Honshu.
04	07	24	59.9	1.356	S	123.430	E	33	N	5.0	1.5	47 SULAWESI, INDONESIA
04	07	36	17.0&	33.799	S	71.412	W	46				10 NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.1 (GUC).
04	07	42	15.9	36.632	N	113.055	W	5	G		0.6	10 WESTERN ARIZONA. ML 2.9 (GS).
04	07	58	17.2*	1.150	S	123.395	E	33	N	4.9	1.4	50 SULAWESI, INDONESIA
04	08	01	42.3	1.372	S	123.584	E	33	N	4.1	0.7	9 SULAWESI, INDONESIA
04	08	04	13.5	1.425	S	123.474	E	33	N	4.7	1.3	18 SULAWESI, INDONESIA
04	08	06	32.0&	33.807	S	71.412	W	47				7 NEAR COAST OF CENTRAL CHILE. <GUC>. MD 2.9 (GUC).
04	08	12	11.3&	32.187	N	115.063	W	6	G			7 CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.3 (PAS).
04	08	30	31.8*	43.228	N	149.397	E	33	N	4.6	1.3	17 EAST OF KURIL ISLANDS
04	08	31	16.5*	4.162	S	128.581	E	33	N	4.2	0.9	10 BANDA SEA
04	09	55	51.4	1.534	S	123.511	E	33	N	4.7	1.1	16 SULAWESI, INDONESIA
04	10	15	02.1	0.628	S	123.713	E	33	N		0.5	9 MINAHASSA PENINSULA, SULAWESI
04	10	15	28.3&	57.517	N	155.514	W	58		3.2		35 ALASKA PENINSULA. <AEIC>. ML 3.2 (AEIC).
04	11	10	22.6*	1.158	S	123.475	E	33	N	4.8	1.4	17 SULAWESI, INDONESIA
04	11	12	49.3&	33.783	S	71.412	W	42				8 NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.6 (GUC).
04	11	16	07.9&	33.813	S	71.400	W	46				7 NEAR COAST OF CENTRAL CHILE. <GUC>. MD 2.9 (GUC).
04	11	19	49.2&	33.807	S	71.407	W	46				7 NEAR COAST OF CENTRAL CHILE. <GUC>. MD 2.9 (GUC).
04	11	35	22.5&	33.811	S	71.412	W	46				7 NEAR COAST OF CENTRAL CHILE. <GUC>. MD 2.8 (GUC).
04	11	39	38.6	1.565	S	123.523	E	33	N	4.8	1.4	19 SULAWESI, INDONESIA
04	11	40	33.9&	33.806	S	71.402	W	47				8 NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.1 (GUC).
04	11	50	09.5&	33.796	S	71.400	W	47				9 NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.6 (GUC).
04	11	52	57.9&	33.825	S	71.406	W	47				9 NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.1 (GUC).
04	12	01	47.6	1.379	S	123.357	E	33	N	4.8	1.3	27 SULAWESI, INDONESIA
04	12	12	31.2&	61.594	N	151.541	W	80		4.4		118 SOUTHERN ALASKA. <AEIC>. Felt (II) at Eagle River.
04	13	38	51.0&	37.810	N	21.000	E	5				5 SOUTHERN GREECE. <ATH>. MD 3.4 (ATH).
04	14	08	14.0	1.024	S	123.280	E	33	N	4.6	1.0	19 SULAWESI, INDONESIA
04	14	24	25.1	51.438	N	178.493	W	33	N	5.6 5.1	0.9	457 ANDREANOF ISLANDS, ALEUTIAN IS. Mw 5.6 (GS), 5.6 (HRV). Me 5.5 (GS). ML 5.7 (PMR). Felt (III) on Adak.
												Broadband Source Parameters (GS): Dep 29; NP1: Strike=80, Dip=55, Slip=90; NP2: Strike=260, Dip=35, Slip=90; Radiated energy 4.4*10**12 Nm.
												Moment Tensor (GS): Dep 28; Principal axes (scale 10**17 Nm): (T) Val=2.85, Plg=51, Azm=272; (N) Val=-0.08, Plg=38, Azm=74; (P) Val=-2.77, Plg=9, Azm=171; Best double couple: Mo=2.8*10**17 Nm; NP1: Strike=297, Dip=49, Slip=144; NP2: Strike=52, Dip=64, Slip=47.
												Centroid, Moment Tensor (HRV): Centroid origin time 14:24:29.9; Lat 51.62 N; Lon 177.92 W; Dep 43.2; Half-duration 1.6 sec; Principal axes (scale 10**17 Nm): (T) Val=2.80, Plg=70, Azm=329; (N) Val=0.42, Plg=0, Azm=238; (P) Val=-3.22, Plg=20, Azm=148; Best double couple: Mo=3.0*10**17 Nm; NP1: Strike=237, Dip=25, Slip=89; NP2: Strike=58, Dip=65, Slip=90.
04	14	50	53.5*	1.140	S	123.490	E	33	N	4.4	1.3	15 SULAWESI, INDONESIA
04	15	03	25.4*	1.208	S	123.391	E	33	N	4.6	1.2	14 SULAWESI, INDONESIA
04	15	23	37.9	50.530	N	13.717	E	10	G		0.5	9 CZECH AND SLOVAK REPUBLICS. ML 3.2 (VIE).
04	15	29	50.8&	40.180	S	174.310	E	91				16 COOK STRAIT, NEW ZEALAND. <WEL>. ML 4.3 (WEL). Felt at Whitby on the North Island.
04	16	21	16.8*	43.337	N	146.647	E	72	D	3.5	1.0	8 KURIL ISLANDS
04	16	21	42.3	40.734	N	126.541	W	10	G		0.9	41 OFF COAST OF NORTHERN CALIFORNIA. ML 4.0 (BRK), 3.8 (GS).
04	17	01	40.3&	34.045	N	117.259	W	18				7 SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
04	17	13	23.0&	57.650	N	154.289	W	61				45 KODIAK ISLAND REGION, ALASKA. <AEIC>. ML 3.1 (AEIC).
04	17	39	43.2&	19.008	N	66.815	W	45				5 PUERTO RICO REGION. <RSPR>. MD 3.1 (RSPR).
04	17	42	19.0	1.618	S	123.431	E	33	N	4.9 4.1	1.3	51 SULAWESI, INDONESIA
04	17	46	42.5*	8.885	S	79.436	W	33	N	4.0	0.7	8 NEAR COAST OF NORTHERN PERU
04	17	56	10.4	1.207	S	123.400	E	33	N	4.9 4.1	1.4	64 SULAWESI, INDONESIA
04	19	13	26.1&	35.650	N	27.530	E	5				5 DODECANESE ISLANDS, GREECE. <ATH>. MD 3.8 (ATH).
04	19	41	02.2*	1.510	S	123.417	E	33	N	4.1	1.5	12 SULAWESI, INDONESIA
04	20	36	32.4	17.914	S	178.522	W	516	D	5.6	0.9	370 FIJI ISLANDS REGION. Mw 6.5 (HRV), 6.4 (GS). Me 6.4 (GS).
												Broadband Source Parameters (GS): Dep 516; NP1: Strike=310, Dip=65, Slip=10; NP2: Strike=216, Dip=81, Slip=155; Radiated energy 7.7*10**13 Nm. Two events about 2.5 seconds apart. Depth based on first event.
												Moment Tensor (GS): Dep 520; Principal axes (scale 10**18 Nm): (T) Val=4.12, Plg=28, Azm=167; (N) Val=0.13, Plg=61, Azm=6; (P) Val=-4.24, Plg=8, Azm=261; Best double couple: Mo=4.2*10**18 Nm; NP1: Strike=308, Dip=65, Slip=15; NP2: Strike=211, Dip=77, Slip=154.
												Centroid, Moment Tensor (HRV): Centroid origin time 20:36:41.1; Lat 17.72 S; Lon 178.31 W; Dep 539.8; Half-duration 4.2 sec; Principal axes (scale 10**18 Nm): (T) Val=5.70, Plg=29, Azm=167; (N) Val=0.26, Plg=60, Azm=3; (P) Val=-5.95, Plg=7, Azm=261; Best double couple: Mo=5.8*10**18 Nm; NP1: Strike=308, Dip=65, Slip=16; NP2: Strike=211, Dip=75, Slip=154.

04	20	40	09.8&	49.380	N	6.910	E	1	G			9	GERMANY. <STR>. ML 1.9 (STR).
04	20	42	41.3&	11.286	N	61.745	W	10				6	WINDWARD ISLANDS. <TRN>. MD 2.7 (TRN).
04	21	12	19.4*	0.887	S	123.732	E	33	N	4.4	1.1	9	MINAHASSA PENINSULA, SULAWESI
04	21	28	47.6	17.538	N	147.655	E	33	N	4.7	1.0	38	MARIANA ISLANDS REGION
04	21	50	13.9&	34.750	N	25.660	E	5				4	CRETE, GREECE. <ATH>. MD 3.7 (ATH).
04	21	52	58.0&	36.465	N	3.005	W	15				5	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.3 (MDD).
04	22	08	16.8*	12.416	N	142.590	E	33	N	4.6	1.1	21	SOUTH OF MARIANA ISLANDS
04	22	45	37.4*	2.808	N	126.459	E	33	N	4.3	1.4	14	NORTHERN MOLUCCA SEA
04	22	57	55.5	44.160	N	9.692	E	10	G		0.7	34	NORTHERN ITALY. ML 2.8 (GEN), 2.7 (LDG), 2.5 (STR).
04	23	24	37.8	17.513	N	147.629	E	33	N	5.3 5.2	1.0	142	MARIANA ISLANDS REGION. Mw 5.5 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 23:24:45.5; Lat 17.83 N; Lon 148.02 E; Dep 15.0 Bdy; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=2.09, Plg=27, Azm=278; (N) Val=0.34, Plg=8, Azm=12; (P) Val=-2.43, Plg=61, Azm=118; Best double couple: Mo=2.3*10**17 Nm; NP1: Strike=347, Dip=19, Slip=-116; NP2: Strike=195, Dip=73, Slip=-81.
04	23	28	24.3&	38.550	N	21.970	E	41				4	GREECE. <ATH>. MD 2.8 (ATH).
04	23	30	54.7&	32.142	N	115.105	W	6	G			22	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.6 (PAS). MD 3.9 (ECX). Felt in the Mexicali area, Baja California.
04	23	31	36.4	41.941	N	126.584	W	10	G	4.3	0.9	64	OFF COAST OF NORTHERN CALIFORNIA
04	23	36	06.7	1.578	S	123.436	E	33	N	4.3	0.8	13	SULAWESI, INDONESIA
04	23	47	38.3?	47.75	N	146.91	E	420	*		1.1	10	NORTHWEST OF KURIL ISLANDS
05	00	04	07.1*	17.772	N	147.676	E	47	D		0.8	9	MARIANA ISLANDS REGION
05	00	31	00.3	17.541	N	147.495	E	33	N	5.1 4.5	0.9	87	MARIANA ISLANDS REGION. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 00:31:07.2; Lat 17.54 N Fix; Lon 147.49 E Fix; Dep 15.0 Bdy; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=7.45, Plg=27, Azm=81; (N) Val=-0.35, Plg=6, Azm=174; (P) Val=-7.10, Plg=62, Azm=275; Best double couple: Mo=7.3*10**16 Nm; NP1: Strike=157, Dip=18, Slip=-108; NP2: Strike=356, Dip=72, Slip=-84.
05	00	47	17.3?	17.70	N	147.72	E	33	N	3.8	1.1	13	MARIANA ISLANDS REGION
05	00	56	33.6*	37.433	N	31.850	W	10	G	4.7	1.2	39	AZORES ISLANDS REGION
05	01	27	54.3	1.079	S	123.497	E	33	N	4.5	1.2	23	SULAWESI, INDONESIA
05	01	28	30.8*	51.990	N	176.012	W	144	*	3.7	1.0	9	ANDREANOF ISLANDS, ALEUTIAN IS.
05	02	52	58.6?	17.57	N	147.59	E	47	D	3.9	1.4	13	MARIANA ISLANDS REGION
05	03	23	49.1?	51.37	N	173.99	W	33	N		1.6	7	ANDREANOF ISLANDS, ALEUTIAN IS.
05	03	35	42.3*	5.606	S	152.579	E	33	N	4.4	1.3	10	NEW BRITAIN REGION, P.N.G.
05	03	40	04.4	1.065	S	123.734	E	33	N	4.5 4.1	1.1	21	SULAWESI, INDONESIA
05	03	40	31.4*	1.342	S	123.678	E	33	N		0.8	13	SULAWESI, INDONESIA
05	03	56	05.4*	1.036	S	123.119	E	33	N		0.7	5	SULAWESI, INDONESIA
05	04	12	09.8&	36.901	N	5.370	W	0	G			6	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.2 (MDD).
05	04	35	24.9*	11.321	S	117.439	E	46	?	4.6	0.8	10	SOUTH OF SUMBAWA, INDONESIA
05	04	42	17.1	46.019	N	14.799	E	10	G		1.0	9	NORTHWESTERN BALKAN REGION. ML 2.5 (VIE).
05	04	43	14.6&	15.397	N	61.193	W	141		4.1		40	LEEWARD ISLANDS. <TRN>. MD 4.3 (TRN).
05	04	43	24.2	46.034	N	14.801	E	10	G		1.1	10	NORTHWESTERN BALKAN REGION. ML 2.3 (VIE), 1.6 (LJU).
05	04	52	13.5	60.396	N	3.028	E	10	G	4.5	1.3	18	NORTH SEA
05	04	52	41.3&	10.656	N	62.479	W	58				10	NEAR COAST OF VENEZUELA. <TRN>. MD 3.7 (TRN).
05	05	00	04.8&	17.033	N	100.060	W	26				10	GUERRERO, MEXICO. <UNM>. MD 3.9 (UNM).
05	05	02	07.7	1.344	S	123.424	E	25	D	4.1	1.0	18	SULAWESI, INDONESIA
05	05	24	26.5	1.215	S	123.359	E	33	N	5.3 5.2	1.3	109	SULAWESI, INDONESIA. Mw 5.7 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 05:24:31.4; Lat 1.14 S; Lon 123.47 E; Dep 40.3; Half-duration 1.7 sec; Principal axes (scale 10**17 Nm): (T) Val=4.66, Plg=12, Azm=175; (N) Val=-0.85, Plg=76, Azm=332; (P) Val=-3.82, Plg=5, Azm=84; Best double couple: Mo=4.2*10**17 Nm; NP1: Strike=219, Dip=77, Slip=175; NP2: Strike=310, Dip=85, Slip=13.
05	05	50	56.8?	17.48	N	147.74	E	33	N		1.3	8	MARIANA ISLANDS REGION
05	06	38	20.0	17.532	N	147.555	E	48	D	4.4	0.9	20	MARIANA ISLANDS REGION
05	06	45	00.9*	4.099	N	32.542	W	10	G	3.8	0.6	7	CENTRAL MID-ATLANTIC RIDGE
05	07	53	07.3	17.534	N	147.553	E	33	N	4.9 4.3	0.8	91	MARIANA ISLANDS REGION
05	08	42	08.1?	48.54	N	154.27	E	33	N	4.0	0.6	6	KURIL ISLANDS
05	09	04	05.4*	17.678	N	147.604	E	33	N	4.2	1.2	11	MARIANA ISLANDS REGION
05	09	29	00.2&	35.930	N	30.490	E	10	G	3.4		11	EASTERN MEDITERRANEAN SEA. <ISK>. MD 3.9 (ISK).
05	09	56	15.9*	52.627	N	160.661	E	33	N	3.6 3.6	1.3	12	OFF EAST COAST OF KAMCHATKA
05	10	09	57.4	12.710	N	143.746	E	81	*	5.0	0.9	69	SOUTH OF MARIANA ISLANDS
05	10	16	36.7?	1.58	S	136.67	E	33	N	4.3 4.2	1.3	9	IRIAN JAYA REGION, INDONESIA
05	10	16	57.0&	14.067	N	60.435	W	10				5	WINDWARD ISLANDS. <TRN>. MD 3.0 (TRN).
05	11	15	18.7&	15.536	N	95.955	W	42				7	NEAR COAST OF OAXACA, MEXICO. <UNM>. MD 4.0 (UNM).
05	13	03	13.7&	43.000	N	0.370	E	10	G			4	FRANCE. <STR>. ML 2.2 (STR).
05	13	12	10.9*	1.374	S	123.264	E	56	?	4.2	1.2	13	SULAWESI, INDONESIA
05	13	24	46.7	44.343	N	11.870	E	10	G	3.7	1.3	38	NORTHERN ITALY. ML 3.6 (VIE), 3.4 (STR), 3.2 (TRI), 3.2 (LDG).
05	13	48	03.7&	31.786	S	71.583	W	36				8	NEAR COAST OF CENTRAL CHILE. <GUC>.
05	13	53	01.1*	9.202	S	123.559	E	96	*	4.9	1.3	33	TIMOR REGION
05	14	02	18.1	44.364	N	11.817	E	10	G		1.1	12	NORTHERN ITALY. ML 3.2 (VIE), 3.0 (LDG), 2.9 (TRI).
05	14	06	33.8	44.408	N	11.910	E	10	G		0.8	11	NORTHERN ITALY. ML 2.9 (LDG).
05	14	30	57.1*	37.016	N	69.884	E	51	*	4.2	1.4	24	AFGHANISTAN-TAJIKISTAN BORD REG.
05	14	34	45.8?	11.94	N	86.17	W	168	*		1.5	12	NEAR COAST OF NICARAGUA. MD 4.1 (CASC).
05	14	54	12.2*	50.587	N	154.014	E	231	*	4.3	1.0	12	KURIL ISLANDS
05	15	01	53.1	1.587	S	123.304	E	33	N		0.6	8	SULAWESI, INDONESIA
05	15	08	30.1&	18.845	N	66.767	W	7				6	PUERTO RICO REGION. <RSPR>. MD 2.8 (RSPR).
05	15	17	22.9&	36.361	S	72.082	W	69				12	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.2 (GUC).
05	17	07	38.8	52.684	N	34.665	W	10	G	4.1 3.4	0.9	27	REYKJANES RIDGE
05	17	27	56.3*	29.484	N	52.962	E	33	N	3.6	0.8	7	SOUTHERN IRAN
05	18	19	06.1&	44.694	N	7.195	E	11				10	NORTHERN ITALY. <GEN>. ML 2.2 (GEN).
05	18	39	30.1?	12.43	N	142.81	E	73	?		1.4	7	SOUTH OF MARIANA ISLANDS
05	19	27	31.3*	30.510	N	131.326	E	68	*		0.5	6	KYUSHU, JAPAN
05	19	31	26.1	1.112	S	123.443	E	88	*	4.7	1.3	27	SULAWESI, INDONESIA
05	19	41	26.8	30.419	N	131.102	E	41	*	3.6	1.0	17	KYUSHU, JAPAN
05	20	23	51.4*	38.604	N	70.286	E	22	?	3.6	0.6	7	AFGHANISTAN-TAJIKISTAN BORD REG.

05	20	42	00.6&	44.027	N	13.270	E	10		4.2		126	ADRIATIC SEA. <ROM>. ML 4.1 (VIE), 3.9 (LDG), 3.8 (FUR), 3.7 (TRI). MD 3.5 (ROM).
05	21	14	38.2*	22.152	N	144.439	E	33	N	4.3	1.5	12	VOLCANO ISLANDS, JAPAN REGION
05	22	33	07.8*	36.098	N	30.801	E	67	*	3.8	1.4	23	TURKEY
05	22	48	19.8*	29.398	N	81.573	E	81	?	4.4	1.1	7	NEPAL
06	00	15	57.3	1.194	S	123.657	E	33	N	4.6	1.3	23	SULAWESI, INDONESIA
06	00	46	34.8*	5.414	S	153.431	E	71	*	3.9	0.6	9	NEW IRELAND REGION, P.N.G.
06	01	08	03.6	1.521	S	123.451	E	33	N	4.0	1.3	17	SULAWESI, INDONESIA
06	02	54	13.6&	45.643	N	6.942	E	3	G			4	FRANCE. <LDG>. ML 1.9 (LDG).
06	03	08	40.4	41.604	N	79.487	E	61	*	4.4	0.8	26	KYRGYZSTAN-XINJIANG BORDER REG.
06	03	33	34.0*	38.735	N	70.124	E	61	?	3.4	0.9	11	AFGHANISTAN-TAJIKISTAN BORD REG.
06	04	10	10.8&	38.720	S	175.550	E	247				9	NORTH ISLAND, NEW ZEALAND. <WEL>.
06	05	31	59.6*	16.138	S	74.213	W	62	?	3.6	1.4	7	NEAR COAST OF PERU
06	06	29	33.5	23.044	S	169.939	E	33	N	4.9	1.2	51	SOUTHEAST OF LOYALTY ISLANDS
06	07	37	59.6	7.388	S	128.492	E	142	*	4.4	0.9	17	BANDA SEA
06	07	50	01.3	25.007	S	178.349	E	556	D	4.8	0.9	96	SOUTH OF FIJI ISLANDS
06	08	28	37.7&	44.316	N	4.753	E	7	G			13	FRANCE. <LDG>. MD 2.5 (LDG).
06	09	12	05.4&	44.528	N	7.255	E	12				27	NORTHERN ITALY. <GEN>. ML 2.5 (GEN), 2.1 (STR). MD 2.3 (LDG).
06	09	58	17.3&	16.148	N	98.636	W	20				11	NEAR COAST OF GUERRERO, MEXICO. <UNM>. MD 3.9 (UNM).
06	10	09	24.1?	15.09	S	178.03	W	390	?	3.8	1.0	27	FIJI ISLANDS REGION
06	10	55	11.1*	21.038	N	146.721	E	45	D	4.3	1.2	19	MARIANA ISLANDS REGION
06	11	04	56.0&	38.250	N	118.410	W	8				21	CALIFORNIA-NEVADA BORDER REGION. <REN-P>. ML 3.1 (REN).
06	11	20	30.0&	38.250	N	118.400	W	7				14	CALIFORNIA-NEVADA BORDER REGION. <REN-P>. ML 3.0 (REN).
06	11	55	47.9&	59.944	N	151.117	W	58				34	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.0 (AEIC), 3.2 (PMR).
06	12	17	01.6*	22.512	S	67.622	W	164	*	3.9	1.2	14	CHILE-BOLIVIA BORDER REGION
06	12	19	20.4*	48.975	N	157.295	E	33	N	3.7	1.0	17	EAST OF KURIL ISLANDS
06	12	45	02.4*	1.177	S	123.582	E	67	*	4.4	1.1	16	SULAWESI, INDONESIA
06	13	18	32.9&	15.498	N	60.655	W	30				5	LEEWARD ISLANDS. <FDF>. MD 2.5 (FDF).
06	13	33	03.1&	46.489	N	1.428	E	5	G			36	FRANCE. <LDG>. ML 3.3 (LDG), 3.2 (STR).
06	13	41	53.2	24.087	N	121.672	E	33	N	4.8	1.2	43	TAIWAN. Felt at Taipei. Recorded (5 TAP) at Hua-lien, (4 TAP) in southeastern I-lan County, (2 TAP) at I-lan and (1 TAP) at Chang-hua, Tai-chung and Taipei.
06	13	44	13.8	11.295	S	165.432	E	12	G	6.0 6.3	1.0	401	SANTA CRUZ ISLANDS. Mw 6.3 (HRV), 6.2 (GS). Me 6.3 (GS). Broadband Source Parameters (GS): Dep 12; NP1: Strike=340, Dip=80, Slip=-90; NP2: Strike=160, Dip=10, Slip=-90; Radiated energy 5.8*10**13 Nm.. Moment Tensor (GS): Dep 16; Principal axes (scale 10**18 Nm): (T) Val=1.92, Plg=29, Azm=40; (N) Val=0.25, Plg=8, Azm=135; (P) Val=-2.16, Plg=60, Azm=239; Best double couple: Mo=2.0*10**18 Nm; NP1: Strike=109, Dip=18, Slip=-117; NP2: Strike=317, Dip=74, Slip=-82. Centroid, Moment Tensor (HRV): Centroid origin time 13:44:22.4; Lat 11.33 S; Lon 165.24 E; Dep 15.0 Bdy; Half-duration 3.4 sec; Principal axes (scale 10**18 Nm): (T) Val=3.59, Plg=8, Azm=63; (N) Val=0.07, Plg=1, Azm=333; (P) Val=-3.66, Plg=82, Azm=239; Best double couple: Mo=3.6*10**18 Nm; NP1: Strike=154, Dip=37, Slip=-89; NP2: Strike=333, Dip=53, Slip=-91.
06	15	14	03.1*	1.200	S	123.969	E	33	N		1.2	9	SULAWESI, INDONESIA. ML 4.7 (DJA).
06	15	49	32.3&	33.369	S	72.787	W	33				12	OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.8 (GUC).
06	16	10	00.3&	15.650	N	96.625	W	16				5	NEAR COAST OF OAXACA, MEXICO. <UNM>. MD 3.7 (UNM).
06	16	26	27.0	50.271	N	156.700	E	62	D	3.7	1.0	18	KURIL ISLANDS. Felt (III) at Severo-Kurilsk.
06	16	33	58.7*	5.414	N	126.409	E	80	*	4.2	1.3	11	MINDANAO, PHILIPPINES
06	18	02	49.5	44.407	N	148.066	E	63	*	4.4	1.2	31	KURIL ISLANDS
06	18	52	50.0	46.194	N	12.303	E	10	G		1.2	51	NORTHERN ITALY. ML 3.2 (STR), 3.2 (GRF), 3.0 (VIE), 2.9 (LDG), 2.8 (FUR), 2.7 (TRI).
06	19	25	18.4?	34.58	N	69.65	E	33	N		0.7	7	SOUTHEASTERN AFGHANISTAN
06	20	11	04.9*	46.275	N	12.315	E	10	G		0.7	8	NORTHERN ITALY. ML 2.1 (VIE), 1.9 (LJU).
06	20	37	55.5*	5.274	S	152.191	E	72	*		0.7	8	NEW BRITAIN REGION, P.N.G.
06	21	04	14.4&	34.675	N	32.608	E	25				7	CYPRUS REGION. <CSS>. ML 2.7 (CSS).
06	21	09	29.4&	38.390	S	175.700	E	137				15	NORTH ISLAND, NEW ZEALAND. <WEL>.
06	21	29	32.2&	46.505	N	1.453	E	11	G			9	FRANCE. <LDG>. MD 2.2 (LDG).
06	22	07	00.5	44.143	N	11.967	E	10	G	4.5	1.1	128	NORTHERN ITALY. ML 4.5 (ZAG), 4.5 (STR), 4.4 (VIE), 4.3 (LDG), 4.3 (FUR).
06	22	21	40.4	44.380	N	11.855	E	10	G		0.6	14	NORTHERN ITALY. ML 2.8 (LDG).
06	22	27	48.3	11.759	N	61.188	W	72		4.0	1.0	55	WINDWARD ISLANDS. MD 4.4 (FDF), 3.9 (TRN). Felt on Grenada.
06	22	32	11.1	44.320	N	11.908	E	10	G		1.3	68	NORTHERN ITALY. ML 3.7 (GRF), 3.5 (VIE), 3.4 (LDG), 3.4 (STR).
06	22	33	45.4*	1.488	S	123.259	E	89	*	4.1	1.4	11	SULAWESI, INDONESIA
06	22	48	58.6&	42.945	N	0.112	E	12	G			12	PYRENEES. <LDG>. MD 2.4 (LDG). ML 2.3 (STR).
06	22	50	27.4&	10.584	N	61.659	W	45				4	TRINIDAD. <TRN>. MD 2.7 (TRN).
06	23	23	23.0&	40.020	S	175.070	E	12				11	NORTH ISLAND, NEW ZEALAND. <WEL>. ML 3.1 (WEL).
06	23	25	01.2	44.380	N	11.862	E	10	G		0.6	16	NORTHERN ITALY. ML 2.7 (VIE), 2.6 (LDG).
06	23	45	22.5*	23.402	S	175.386	W	99	?	4.4	1.1	39	TONGA ISLANDS REGION
06	23	46	50.2	43.986	N	128.815	W	10	G	3.7	0.8	72	OFF COAST OF OREGON
06	23	52	34.4&	40.150	S	175.010	E	5				14	NORTH ISLAND, NEW ZEALAND. <WEL>. ML 3.4 (WEL).
06	23	59	06.3*	36.889	S	78.575	E	10	G	4.8 4.9	1.3	30	MID-INDIAN RIDGE. Mw 5.3 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 23:59:13.2; Lat 36.58 S; Lon 78.89 E; Dep 15.0 Fix; Half-duration 1.1 sec; Principal axes (scale 10**17 Nm): (T) Val=1.04, Plg=26, Azm=274; (N) Val=-0.13, Plg=54, Azm=46; (P) Val=-0.91, Plg=23, Azm=172; Best double couple: Mo=9.7*10**16 Nm; NP1: Strike=312, Dip=55, Slip=178; NP2: Strike=43, Dip=88, Slip=36.
07	00	35	41.4&	32.248	S	71.549	W	5				10	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.6 (GUC).
07	00	44	06.2&	44.337	N	11.962	E	10				128	NORTHERN ITALY. <ROM>. ML 4.6 (STR), 4.6 (GRF), 4.5 (ZAG), 4.2 (VIE), 4.2 (FUR), 4.1 (LDG).
07	00	44	46.9	44.350	N	11.987	E	10	G	4.5	0.9	78	NORTHERN ITALY. ML 4.3 (STR), 4.2 (LDG), 4.2 (VIE).
07	00	47	48.4&	61.418	N	150.912	W	78				32	SOUTHERN ALASKA. <AEIC>.
07	00	48	18.4	44.526	N	11.683	E	10	G	3.5	0.9	14	NORTHERN ITALY. ML 3.1 (LDG).
07	00	57	58.9?	44.35	N	12.10	E	10	G		0.9	9	NORTHERN ITALY. ML 2.7 (LDG).
07	01	01	21.6?	44.41	N	11.85	E	10	G		0.6	8	NORTHERN ITALY. ML 2.6 (LDG).
07	01	27	13.8	44.306	N	11.958	E	10	G	4.1	1.0	91	NORTHERN ITALY. ML 3.9 (VIE), 3.9 (ZAG), 3.9 (GRF), 3.8

													(STR), 3.7 (LDG), 3.7 (FUR), 3.6 (TRI).
07	01	32	13.5	44.220	N	12.020	E	10	G		0.8	34	NORTHERN ITALY. ML 3.5 (VIE), 3.4 (STR), 3.3 (LDG), 3.2 (TRI).
07	01	41	08.0?	44.34	N	12.03	E	10	G		0.7	9	NORTHERN ITALY. ML 2.5 (LDG).
07	02	01	03.3*	12.445	N	142.511	E	33	N	4.7 4.1	1.0	19	SOUTH OF MARIANA ISLANDS
07	02	10	42.3	44.363	N	11.961	E	10	G		0.9	88	NORTHERN ITALY. ML 4.0 (GRF), 3.9 (VIE), 3.9 (STR), 3.8 (LDG), 3.8 (FUR), 3.8 (ZAG), 3.4 (TRI).
07	02	18	58.7&	62.554	N	151.027	W	89		2.5		42	CENTRAL ALASKA. <AEIC>.
07	03	05	26.7	44.348	N	11.969	E	10	G		0.9	96	NORTHERN ITALY. ML 4.2 (ZAG), 4.2 (GRF), 3.9 (STR), 3.9 (VIE), 3.8 (FUR), 3.7 (LDG).
07	03	08	35.3*	44.438	N	11.864	E	10	G		0.5	9	NORTHERN ITALY. ML 2.7 (LDG).
07	04	18	09.9	73.172	N	6.983	E	10	G	4.3	1.2	37	GREENLAND SEA
07	04	20	26.8*	73.237	N	7.483	E	10	G	3.7	1.5	13	GREENLAND SEA
07	04	30	41.4&	34.767	N	32.439	E	25				5	CYPRUS REGION. <CSS>. ML 2.4 (CSS).
07	04	43	36.4*	73.224	N	7.405	E	10	G	4.0	1.2	15	GREENLAND SEA
07	05	01	39.2	44.037	N	12.041	E	10	G		0.8	51	NORTHERN ITALY. ML 4.2 (ZAG), 4.0 (VIE), 3.9 (STR), 3.6 (LDG).
07	05	07	03.4?	12.48	N	142.58	E	33	N		0.9	7	SOUTH OF MARIANA ISLANDS
07	05	08	45.5&	34.471	N	32.272	E	25				6	CYPRUS REGION. <CSS>. ML 2.9 (CSS).
07	05	10	52.0	44.213	N	12.063	E	10	G		0.8	25	NORTHERN ITALY. ML 3.4 (VIE), 3.3 (LDG), 3.3 (STR), 2.9 (TRI).
07	05	14	26.9&	47.219	N	4.155	W	14				16	FRANCE. <LDG>. MD 3.4 (LDG).
07	05	21	51.4	17.562	N	147.551	E	33	N	4.7 4.1	1.0	45	MARIANA ISLANDS REGION
07	05	22	10.9?	17.80	N	147.73	E	33	N	4.2	1.0	11	MARIANA ISLANDS REGION
07	05	34	49.2*	17.637	N	147.807	E	33	N		1.0	8	MARIANA ISLANDS REGION
07	05	48	59.3	17.610	N	147.614	E	33	N	4.7	0.7	50	MARIANA ISLANDS REGION
07	06	02	10.4*	12.410	N	88.378	W	33	N	4.1	1.4	24	OFF COAST OF CENTRAL AMERICA
07	06	50	31.4*	17.663	N	147.712	E	33	N	3.6	0.8	9	MARIANA ISLANDS REGION
07	06	55	27.4&	37.851	N	3.604	W	15				10	SPAIN. <MDD>. mbLg 1.8 (MDD).
07	07	16	04.0	44.343	N	11.890	E	10	G		1.0	28	NORTHERN ITALY. ML 3.4 (VIE), 3.3 (STR), 3.0 (TRI), 3.0 (LDG).
07	07	18	59.6	44.362	N	11.879	E	10	G		0.6	21	NORTHERN ITALY. ML 2.8 (VIE), 2.7 (LDG).
07	07	20	26.2&	60.045	N	153.563	W	171		3.1		48	SOUTHERN ALASKA. <AEIC>.
07	07	44	03.3*	17.086	S	64.911	W	37	*	4.4	1.2	20	CENTRAL BOLIVIA
07	07	55	33.9*	44.262	N	12.022	E	10	G		0.6	7	NORTHERN ITALY. ML 2.7 (VIE), 2.6 (LDG).
07	08	47	39.6	15.227	S	173.614	W	33	N	5.3 5.5	0.9	185	TONGA ISLANDS. Mw 5.7 (GS), 5.7 (HRV). Broadband Source Parameters (GS): Dep 36. Moment Tensor (GS): Dep 36; Principal axes (scale 10**17 Nm): (T) Val=3.65, Plg=48, Azm=211; (N) Val=0.27, Plg=5, Azm=115; (P) Val=-3.92, Plg=42, Azm=21; Best double couple: Mo=3.8*10**17 Nm; NP1: Strike=55, Dip=6, Slip=29; NP2: Strike=296, Dip=87, Slip=95. Centroid, Moment Tensor (HRV): Centroid origin time 08:47:48.3; Lat 14.92 S; Lon 173.39 W; Dep 61.3; Half-duration 1.4 sec; Principal axes (scale 10**17 Nm): (T) Val=3.90, Plg=42, Azm=182; (N) Val=-0.26, Plg=14, Azm=285; (P) Val=-3.63, Plg=45, Azm=30; Best double couple: Mo=3.8*10**17 Nm; NP1: Strike=201, Dip=14, Slip=-175; NP2: Strike=106, Dip=89, Slip=-76.
07	08	57	05.0	44.345	N	11.882	E	10	G		0.7	27	NORTHERN ITALY. ML 3.3 (VIE), 3.0 (LDG).
07	09	08	44.5&	38.183	N	38.747	E	2		4.2		35	TURKEY. <ISK>. MD 4.4 (ISK). Minor damage at Puturge.
07	09	17	35.2*	6.683	N	124.032	E	550	G		0.6	8	MINDANAO, PHILIPPINES
07	09	20	06.9&	18.696	N	102.768	W	20				7	MICHOACAN, MEXICO. <UNM>. MD 3.8 (UNM).
07	09	23	50.1*	18.212	S	167.891	E	10	G		1.0	8	VANUATU ISLANDS
07	09	40	49.7&	38.610	N	26.726	E	5				5	AEGEAN SEA. <ISK>. MD 3.1 (ISK).
07	10	09	54.0*	41.482	N	143.004	E	33	N		0.9	9	HOKKAIDO, JAPAN REGION. Recorded (1 JMA) in the Urakawa area.
07	11	21	55.7	1.242	S	123.455	E	76		4.8	1.3	39	SULAWESI, INDONESIA
07	11	53	17.4?	12.48	N	142.78	E	33	N	3.7	1.0	7	SOUTH OF MARIANA ISLANDS
07	12	11	53.9*	37.563	N	68.227	E	33	N	3.4	1.0	5	AFGHANISTAN-TAJIKISTAN BORD REG.
07	12	15	26.2*	7.371	S	128.522	E	150	G	3.9	0.7	9	BANDA SEA
07	12	27	08.3*	25.625	S	179.183	E	550	G	4.2	1.1	24	SOUTH OF FIJI ISLANDS
07	12	33	39.6*	10.732	S	164.883	E	33	N	4.3	1.1	12	SANTA CRUZ ISLANDS REGION
07	12	40	31.5*	35.645	N	22.720	E	33	N	3.3	0.5	8	CENTRAL MEDITERRANEAN SEA
07	12	49	41.6&	44.323	N	11.944	E	10		4.2		137	NORTHERN ITALY. <ROM>. ML 4.1 (ZAG), 4.1 (GRF), 4.0 (STR), 3.8 (FUR), 3.7 (LDG), 3.6 (VIE), 3.5 (TRI). MD 3.7 (ROM).
07	12	52	02.8*	17.088	S	167.731	E	33	N	4.5	1.2	26	VANUATU ISLANDS
07	12	54	30.7&	61.485	N	151.456	W	96		2.4		38	SOUTHERN ALASKA. <AEIC>.
07	13	50	44.9*	53.656	N	160.888	E	68	*	3.1	1.5	11	NEAR EAST COAST OF KAMCHATKA
07	15	09	51.5?	5.21	S	100.21	E	33	N	4.4	1.1	9	SOUTHWEST OF SUMATERA, INDONESIA
07	15	10	14.6&	33.182	S	70.226	W	101				8	CHILE-ARGENTINA BORDER REGION. <GUC>.
07	15	22	51.8	39.013	N	70.990	E	63	*	4.4	1.2	61	TAJIKISTAN
07	15	51	29.2&	38.236	N	1.207	W	0	G			8	SPAIN. <MDD>. mbLg 2.2 (MDD).
07	16	01	34.9&	46.540	N	1.410	E	11	G			5	FRANCE. <LDG>. ML 1.6 (LDG).
07	16	18	08.2	22.567	N	120.443	E	33	N	4.5	1.2	36	TAIWAN. Recorded (4 TAP) at Kao-hsiung, (2 TAP) at Tai-nan and (1 TAP) at Chia-i, Ping-tung, Tai-tung and Ta-wu.
07	16	50	40.5&	36.244	N	120.828	W	6				16	CENTRAL CALIFORNIA. <NC-P>. MD 3.1 (NC). ML 3.1 (BRK).
07	17	04	29.6*	36.623	N	22.380	E	84	?	3.3	0.9	9	SOUTHERN GREECE
07	17	13	19.9&	47.831	N	7.106	E	14				5	SWITZERLAND. <LDG>. MD 2.0 (LDG).
07	17	21	12.9	2.540	S	122.551	E	31		5.3 4.9	1.1	148	SULAWESI, INDONESIA. Mw 5.6 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 17:21:19.2; Lat 2.51 S; Lon 122.84 E; Dep 55.5; Half-duration 1.5 sec; Principal axes (scale 10**17 Nm): (T) Val=2.43, Plg=13, Azm=330; (N) Val=0.23, Plg=76, Azm=176; (P) Val=-2.67, Plg=6, Azm=61; Best double couple: Mo=2.5*10**17 Nm; NP1: Strike=106, Dip=76, Slip=5; NP2: Strike=15, Dip=85, Slip=166.
07	17	48	45.5&	46.501	N	1.434	E	4	G			22	FRANCE. <LDG>. ML 2.6 (STR), 2.5 (LDG).
07	19	21	52.0*	7.985	S	112.806	E	49	*	4.9	0.9	13	JAWA, INDONESIA
07	19	30	41.9	55.748	N	110.195	E	10	G	4.0	1.1	31	LAKE BAYKAL REGION, RUSSIA. Felt (III) at Verkhnyaya Zaimka and (II) at Kichera, Kumora and Severobaykalsk.
07	19	49	05.0&	10.576	N	60.940	W	41				6	TRINIDAD. <TRN>. MD 3.0 (TRN).
07	19	54	31.1&	40.480	S	177.410	E	33	N			9	OFF E. COAST OF N. ISLAND, N.Z. <WEL>. ML 4.0 (WEL).
07	20	01	02.0&	14.330	N	61.249	W	156		3.5		23	WINDWARD ISLANDS. <TRN>. MD 3.6 (TRN), 2.9 (FDF).

07	20	33	26.6	2.656	S	121.906	E	33	N	5.0 4.8	1.3	93	SULAWESI, INDONESIA. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 20:33:29.4; Lat 2.46 S; Lon 121.86 E; Dep 38.0; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=7.46, Plg=0, Azm=164; (N) Val=0.36, Plg=61, Azm=254; (P) Val=-7.82, Plg=29, Azm=74; Best double couple: Mo=7.6*10**16 Nm; NP1: Strike=213, Dip=70, Slip=-158; NP2: Strike=115, Dip=70, Slip=-22.
07	21	09	52.8*	40.252	N	142.450	E	33	N	4.5	1.3	21	NEAR EAST COAST OF HONSHU, JAPAN. Recorded (1 JMA) in southeastern Aomori Prefecture.
07	21	12	52.9&	18.916	N	104.116	W	0				6	NEAR COAST OF JALISCO, MEXICO. <UNM>. MD 3.7 (UNM).
07	21	53	30.2*	25.524	N	101.119	E	33	N	3.8	1.1	13	YUNNAN, CHINA. ML 3.8 (BJI).
07	22	30	35.6*	44.125	N	12.227	E	10	G		1.3	9	NORTHERN ITALY. ML 3.1 (VIE), 3.0 (LDG).
07	23	10	54.1&	38.164	N	38.777	E	5		4.5 4.1		122	TURKEY. <ISK>. MD 4.5 (ISK). One person injured and 200 homes damaged in the Doganyol-Puturge area.
07	23	11	33.1	12.469	N	142.673	E	33	N	4.5 4.3	1.1	26	SOUTH OF MARIANA ISLANDS
07	23	43	30.1*	54.552	S	2.179	E	10	G	4.7	0.7	11	BOUVET ISLAND REGION
07	23	47	51.0*	24.032	N	121.124	E	68	*	3.9	0.9	17	TAIWAN. Recorded (4 TAP) at Chang-hua, (2 TAP) at Tai-chung and (1 TAP) at Chia-i and Miao-1i.
08	00	04	08.2&	46.148	N	6.782	E	2				17	SWITZERLAND. <LDG>. MD 2.7 (LDG). ML 2.4 (STR).
08	00	14	35.4	44.381	N	11.883	E	10	G		0.9	29	NORTHERN ITALY. ML 3.2 (STR), 3.1 (VIE), 2.9 (LDG), 2.8 (TRI).
08	00	56	43.2*	20.189	S	177.956	W	550	G	4.2	0.7	19	FIJI ISLANDS REGION
08	00	57	21.9&	45.811	N	6.946	E	2				4	FRANCE. <LDG>. ML 1.7 (LDG).
08	01	55	44.4&	45.142	N	3.211	E	5	G			17	FRANCE. <LDG>. ML 2.2 (STR), 2.0 (LDG).
08	02	23	17.7&	43.120	N	0.010	W	10	G			28	PYRENEES. <STR>. ML 2.8 (LDG), 2.7 (STR). mbLg 2.6 (MDD). Felt (I) at Cauterets and Lau-Balagnas, France.
08	03	00	26.4*	62.672	S	158.409	W	10	G	4.1	1.4	12	PACIFIC-ANTARCTIC RIDGE
08	03	03	16.3	35.260	N	60.981	E	33	N	4.3	1.0	41	NORTHERN AND CENTRAL IRAN. Felt at Torbat-e-Jam.
08	03	25	57.7	16.005	N	122.066	E	60		4.5	0.7	27	LUZON, PHILIPPINES
08	03	45	44.6*	51.540	N	16.150	E	5	G		0.8	6	POLAND. ML 3.2 (VIE).
08	03	58	47.4?	54.85	N	165.19	W	33	N	3.1	1.5	6	FOX ISLANDS, ALEUTIAN ISLANDS
08	04	04	37.4&	40.050	S	174.980	E	69				10	COOK STRAIT, NEW ZEALAND. <WEL>. ML 4.2 (WEL).
08	04	06	03.6?	12.58	N	142.65	E	33	N	3.3	1.0	6	SOUTH OF MARIANA ISLANDS
08	04	29	41.0&	60.514	N	153.107	W	150				23	SOUTHERN ALASKA. <AEIC>.
08	04	33	51.8	45.950	N	142.373	E	334	D	4.7	0.9	172	HOKKAIDO, JAPAN REGION
08	04	39	31.6*	39.212	N	75.242	E	51	D		0.8	9	SOUTHERN XINJIANG, CHINA
08	05	13	17.5	19.451	N	68.496	W	33	N	4.5	0.9	43	NORTH ATLANTIC OCEAN
08	05	17	20.9&	46.165	N	6.704	E	2				17	SWITZERLAND. <LDG>. ML 2.3 (STR), 2.2 (LDG).
08	05	43	17.1	12.316	S	167.036	E	250	G	4.5	0.7	79	SANTA CRUZ ISLANDS
08	05	45	50.5&	16.091	N	97.554	W	14				5	OAXACA, MEXICO. <UNM>. MD 3.5 (UNM).
08	05	52	09.7	15.331	S	173.363	W	62	D	4.6	0.8	71	TONGA ISLANDS
08	06	05	08.3	6.044	S	147.099	E	111	D	5.0	0.9	100	EASTERN NEW GUINEA REG., P.N.G. Mw 5.3 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 06:05:09.4; Lat 6.22 S; Lon 147.23 E; Dep 93.3; Half-duration 1.0 sec; Principal axes (scale 10**17 Nm): (T) Val=0.83, Plg=4, Azm=200; (N) Val=0.20, Plg=40, Azm=293; (P) Val=-1.03, Plg=50, Azm=106; Best double couple: Mo=9.3*10**16 Nm; NP1: Strike=256, Dip=54, Slip=-142; NP2: Strike=142, Dip=60, Slip=-42.
08	06	23	31.9&	31.572	S	71.431	W	30				12	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.0 (GUC).
08	06	57	49.3*	31.364	N	49.241	E	33	N	3.8	0.7	9	WESTERN IRAN
08	07	02	10.8*	17.126	S	178.813	W	450	G	4.3	0.9	40	FIJI ISLANDS REGION
08	08	18	29.2*	44.367	N	11.887	E	10	G		0.8	11	NORTHERN ITALY. ML 2.8 (LDG).
08	09	03	58.6&	46.386	N	2.566	E	16	G			5	FRANCE. <LDG>. MD 1.7 (LDG).
08	09	12	34.9&	40.322	N	124.695	W	7		4.1		83	NEAR COAST OF NORTHERN CALIF. <NC-P>. Mw 4.5 (BRK). ML 4.1 (NC), 4.1 (BRK). Moment Tensor (BRK): Dep 14; Principal axes (scale 10**15 Nm): (T) Val=6.38, Plg=28, Azm=54; (N) Val=0.00, Plg=61, Azm=221; (P) Val=-6.38, Plg=6, Azm=321; Best double couple: Mo=6.4*10**15 Nm; NP1: Strike=191, Dip=75, Slip=25; NP2: Strike=94, Dip=66, Slip=163.
08	09	45	44.8	36.306	N	140.985	E	44	D	4.7 4.0	0.9	79	NEAR EAST COAST OF HONSHU, JAPAN. Recorded (2 JMA) in Ibaraki and eastern Fukushima; (1 JMA) as far south as Chiba and Gumma Prefectures.
08	10	04	47.0*	1.185	S	123.094	E	119	?	4.8	0.9	11	SULAWESI, INDONESIA
08	10	25	23.2	11.045	N	124.733	E	12		5.5 5.1	1.3	108	LEYTE, PHILIPPINES. Mw 5.6 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 10:25:26.7; Lat 11.31 N; Lon 125.47 E; Dep 15.0 Fix; Half-duration 1.4 sec; Principal axes (scale 10**17 Nm): (T) Val=2.67, Plg=27, Azm=182; (N) Val=0.60, Plg=60, Azm=29; (P) Val=-3.27, Plg=11, Azm=278; Best double couple: Mo=3.0*10**17 Nm; NP1: Strike=323, Dip=63, Slip=12; NP2: Strike=228, Dip=79, Slip=152.
08	10	26	39.0*	1.590	S	123.443	E	33	N	3.5	0.6	6	SULAWESI, INDONESIA
08	10	28	25.2	4.457	S	150.004	E	502	D	5.7	0.7	416	NEW BRITAIN REGION, P.N.G. Mw 6.1 (GS), 6.1 (HRV). Me 5.7 (GS). Broadband Source Parameters (GS): Dep 502; NP1: Strike=70, Dip=55, Slip=-90; NP2: Strike=250, Dip=35, Slip=-90; Radiated energy 7.4*10**12 Nm. Moment Tensor (GS): Dep 500; Principal axes (scale 10**18 Nm): (T) Val=1.47, Plg=15, Azm=141; (N) Val=0.19, Plg=12, Azm=234; (P) Val=-1.66, Plg=71, Azm=0; Best double couple: Mo=1.6*10**18 Nm; NP1: Strike=214, Dip=32, Slip=-113; NP2: Strike=61, Dip=61, Slip=-77. Centroid, Moment Tensor (HRV): Centroid origin time 10:28:30.3; Lat 4.38 S; Lon 150.14 E; Dep 496.3; Half-duration 2.7 sec; Principal axes (scale 10**18 Nm): (T) Val=1.71, Plg=12, Azm=136; (N) Val=-0.19, Plg=27, Azm=232; (P) Val=-1.52, Plg=60, Azm=24; Best double couple: Mo=1.6*10**18 Nm; NP1: Strike=196, Dip=41, Slip=-134; NP2: Strike=68, Dip=62, Slip=-59.
08	11	23	50.6*	56.188	N	163.417	E	33	N	3.1	1.2	9	NEAR EAST COAST OF KAMCHATKA

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08  11 35 54.2  11.025 N  124.788 E   10 G  4.3       1.3   25  LEYTE, PHILIPPINES
08  11 42 40.2  10.978 N  124.762 E   10 G              1.0    8  LEYTE, PHILIPPINES
08  11 44 27.6% 11.045 N  124.748 E   10 G              1.7    6  LEYTE, PHILIPPINES
08  12 29 15.1*  0.968 S   97.896 E   33 N  4.7         0.9   25  SOUTHWEST OF SUMATERA, INDONESIA
08  12 29 55.9  44.341 N   11.956 E   10 G  4.7         0.9  117  NORTHERN ITALY. ML 4.7 (STR), 4.4 (FUR), 4.3 (LDG). Felt at
                                                                   Rome.
08  12 29 59.7   0.846 S   97.996 E   33 N  5.6 5.3      0.9  189  SOUTHWEST OF SUMATERA, INDONESIA. Mw 5.7 (GS), 5.5 (HRV).
                                                                  Moment Tensor (GS): Dep 5; Principal axes (scale 10**17 Nm):
                                                                   (T) Val=3.81, Plg=52, Azm=56; (N) Val=0.36, Plg=10,
                                                                   Azm=313; (P) Val=-4.17, Plg=36, Azm=215; Best double
                                                                   couple: Mo=4.0*10**17 Nm; NP1: Strike=262, Dip=13, Slip=38;
                                                                   NP2: Strike=134, Dip=82, Slip=100.
                                                                  Centroid, Moment Tensor (HRV): Centroid origin time
                                                                   12:29:58.0; Lat 1.38 S; Lon 97.52 E; Dep 21.0 Bdy; Half-
                                                                   duration 1.3 sec; Principal axes (scale 10**17 Nm): (T)
                                                                   Val=2.06, Plg=61, Azm=54; (N) Val=-0.21, Plg=3, Azm=318;
                                                                   (P) Val=-1.84, Plg=29, Azm=226; Best double couple:
                                                                   Mo=2.0*10**17 Nm; NP1: Strike=306, Dip=16, Slip=78; NP2:
                                                                   Strike=139, Dip=74, Slip=94.
08  12 30 06.9  44.317 N   11.909 E   10 G  4.8         0.8   76  NORTHERN ITALY. ML 4.8 (VIE), 4.8 (STR), 4.5 (TRI), 4.4
                                                                   (LDG).
08  12 35 03.3  44.355 N   11.857 E   10 G  3.6         0.9   25  NORTHERN ITALY. ML 3.4 (VIE), 3.4 (STR), 3.2 (LDG).
08  12 40 24.4  44.333 N   11.915 E   10 G              0.9   27  NORTHERN ITALY. ML 3.3 (VIE), 3.3 (STR), 3.1 (LDG), 3.1
                                                                   (TRI).
08  12 42 29.4* 44.293 N   11.917 E   10 G              1.2    8  NORTHERN ITALY. ML 3.0 (LDG).
08  12 44 20.2*  0.947 S   97.955 E   33 N  4.4         1.0   18  SOUTHWEST OF SUMATERA, INDONESIA
08  13 00 21.1? 44.36  N   12.07  E   10 G              1.0    6  NORTHERN ITALY. ML 2.9 (LDG).
08  13 14 14.4? 58.83  S  149.36  E   10 G  4.1         1.4    8  WEST OF MACQUARIE ISLAND
08  13 16 22.4  44.193 N   12.009 E   10 G              0.6   25  NORTHERN ITALY. ML 3.4 (VIE), 3.4 (STR), 3.2 (LDG), 3.1
                                                                   (TRI).
08  13 44 02.3& 44.259 N    7.347 E   15                        6  NORTHERN ITALY. <GEN>. ML 1.9 (GEN).
08  13 54 57.6  11.045 N  124.771 E   10 G  5.2 5.1      1.1   91  LEYTE, PHILIPPINES. Mw 5.5 (HRV).
                                                                  Centroid, Moment Tensor (HRV): Centroid origin time
                                                                   13:55:01.6; Lat 11.05 N; Lon 124.78 E; Dep 15.0 Fix; Half-
                                                                   duration 1.4 sec; Principal axes (scale 10**17 Nm): (T)
                                                                   Val=1.55, Plg=15, Azm=6; (N) Val=0.38, Plg=65, Azm=242; (P)
                                                                   Val=-1.93, Plg=20, Azm=102; Best double couple:
                                                                   Mo=1.7*10**17 Nm; NP1: Strike=143, Dip=65, Slip=-4; NP2:
                                                                   Strike=235, Dip=87, Slip=-155.
08  14 27 17.4* 17.009 S  167.738 E   33 N              0.7    8  VANUATU ISLANDS
08  14 28 56.9  44.189 N   12.054 E   10 G  3.8         0.8   42  NORTHERN ITALY. ML 3.9 (ZAG), 3.7 (VIE), 3.5 (STR), 3.5
                                                                   (LDG), 3.3 (TRI).
08  14 47 10.1  30.455 N  138.392 E  440 D  4.5         0.9   93  SOUTHEAST OF HONSHU, JAPAN
08  14 56 27.3  44.414 N   11.830 E   10 G              0.6   11  NORTHERN ITALY. ML 3.0 (VIE), 2.8 (LDG).
08  15 06 34.0  44.231 N   11.951 E   10 G              0.7   21  NORTHERN ITALY. ML 3.4 (VIE), 3.3 (STR), 3.2 (LDG), 3.1
                                                                   (TRI).
08  15 31 32.0*  8.834 S  158.080 E  300 G  4.4         1.4   16  SOLOMON ISLANDS
08  16 16 08.7* 33.933 S  179.374 W   46    4.5         1.3   19  SOUTH OF KERMADEC ISLANDS
08  17 12 52.6  44.365 N   11.847 E   10 G              0.7   16  NORTHERN ITALY. ML 3.0 (LDG), 2.9 (VIE).
08  17 35 12.5& 33.996 S   70.307 W  106                       10  CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.6 (GUC).
08  17 56 23.0* 12.539 N  142.602 E   33 N  4.6         1.0   13  SOUTH OF MARIANA ISLANDS
08  18 03 21.4  44.549 N  114.762 W    5 G              0.5   21  WESTERN IDAHO. ML 2.9 (GS).
08  18 12 06.2?  6.41  S   80.77  W   47 D  4.3         1.1    9  NEAR COAST OF NORTHERN PERU
08  18 26 46.2  40.299 N  143.235 E   33 N  4.5         1.3   52  OFF EAST COAST OF HONSHU, JAPAN
08  18 46 52.2*  1.448 S  123.582 E   33 N  4.5         1.3    7  SULAWESI, INDONESIA
08  19 17 19.6% 51.729 N  101.388 E   10 G              1.0    8  RUSSIA-MONGOLIA BORDER REGION
08  19 23 14.1   1.478 S  123.329 E   33 N              1.0   10  SULAWESI, INDONESIA
08  19 36 28.4  44.360 N   11.877 E   10 G              1.2   21  NORTHERN ITALY. ML 3.1 (STR), 3.0 (VIE), 2.9 (LDG).
08  19 47 49.4  44.347 N   11.900 E   10 G              0.7   32  NORTHERN ITALY. ML 3.3 (VIE), 3.1 (LDG), 3.1 (STR), 2.8
                                                                   (TRI).
08  19 55 07.5& 10.742 N   62.607 W   55                        6  NEAR COAST OF VENEZUELA. <TRN>. MD 3.1 (TRN).
08  20 13 08.7? 23.59  S  170.29  E   33 N              1.4    7  SOUTHEAST OF LOYALTY ISLANDS
08  20 41 39.8& 57.318 N  154.406 W   43    4.9 4.2           362  KODIAK ISLAND REGION, ALASKA. <AEIC>. Mw 5.0 (HRV). ML 5.0
                                                                   (AEIC), 5.0 (PMR). Felt (III) at Old Harbor. Also felt
                                                                   strongly at Larsen Bay.
                                                                  Centroid, Moment Tensor (HRV): Centroid origin time
                                                                   20:41:40.0; Lat 57.48 N; Lon 154.28 W; Dep 53.2; Half-
                                                                   duration 1.0 sec; Principal axes (scale 10**16 Nm): (T)
                                                                   Val=3.58, Plg=30, Azm=301; (N) Val=0.52, Plg=1, Azm=32; (P)
                                                                   Val=-4.09, Plg=60, Azm=124; Best double couple:
                                                                   Mo=3.8*10**16 Nm; NP1: Strike=26, Dip=15, Slip=-96; NP2:
                                                                   Strike=212, Dip=75, Slip=-88.
08  21 14 43.1*  0.855 S   97.898 E   33 N  4.5         0.9   17  SOUTHWEST OF SUMATERA, INDONESIA
08  21 16 35.4* 10.924 N  125.969 E   10 G              1.4   17  LEYTE, PHILIPPINES
08  21 35 42.8  31.319 S  179.839 E  383 D  5.4         1.0  365  KERMADEC ISLANDS REGION. Mw 5.6 (GS), 5.6 (HRV). Felt by
                                                                   people in a high-rise building at Wellington, New Zealand.
                                                                  Moment Tensor (GS): Dep 394; Principal axes (scale 10**17
                                                                   Nm): (T) Val=2.80, Plg=5, Azm=263; (N) Val=-0.04, Plg=27,
                                                                   Azm=171; (P) Val=-2.76, Plg=63, Azm=2; Best double couple:
                                                                   Mo=2.8*10**17 Nm; NP1: Strike=19, Dip=47, Slip=-52; NP2:
                                                                   Strike=150, Dip=55, Slip=-123.
                                                                  Centroid, Moment Tensor (HRV): Centroid origin time
                                                                   21:35:47.2; Lat 31.07 S; Lon 179.98 W; Dep 394.3; Half-
                                                                   duration 1.6 sec; Principal axes (scale 10**17 Nm): (T)
                                                                   Val=3.31, Plg=4, Azm=277; (N) Val=-0.40, Plg=28, Azm=184;
                                                                   (P) Val=-2.92, Plg=62, Azm=14; Best double couple:
                                                                   Mo=3.1*10**17 Nm; NP1: Strike=33, Dip=48, Slip=-51; NP2:
                                                                   Strike=163, Dip=55, Slip=-125.
09  00 02 26.8  17.423 S  174.628 W  119 D  4.4         0.8   29  TONGA ISLANDS
09  00 30 19.6   0.909 S   98.068 E   33 N  5.0 4.0      1.1   53  SOUTHERN SUMATERA, INDONESIA
09  00 45 40.0  25.964 S   69.912 W   57 D  5.2         0.9  177  NORTHERN CHILE. Mw 5.2 (HRV). Felt (IV) at Chanaral,
                                                                   Copiapo, El Salvador and Taltal.
                                                                  Centroid, Moment Tensor (HRV): Centroid origin time
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												00:45:51.5; Lat 25.92 S; Lon 70.44 W; Dep 57.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=7.82, Plg=59, Azm=45; (N) Val=-0.56, Plg=12, Azm=156; (P) Val=-7.26, Plg=28, Azm=253; Best double couple: Mo=7.5*10**16 Nm; NP1: Strike=12, Dip=20, Slip=128; NP2: Strike=152, Dip=74, Slip=77.
09	00	53	34.4	44.373	N	11.902	E	10	G		0.5	11 NORTHERN ITALY. ML 2.8 (LDG), 2.8 (VIE).
09	02	02	10.0&	40.320	N	124.690	W	10		3.7		38 NEAR COAST OF NORTHERN CALIF. <NC-P>. ML 3.7 (NC), 3.8 (BRK).
09	02	02	41.2	18.282	S	73.359	W	33	N	4.6	1.0	36 OFF COAST OF NORTHERN CHILE
09	02	38	29.7?	5.24	S	152.10	E	69	?	4.3	1.0	9 NEW BRITAIN REGION, P.N.G.
09	02	58	25.5	44.292	N	11.933	E	10	G		1.2	75 NORTHERN ITALY. ML 3.6 (VIE), 3.6 (STR), 3.5 (LDG), 3.3 (TRI).
09	03	15	17.8*	13.539	S	166.541	E	33	N	4.3	1.3	32 VANUATU ISLANDS
09	03	34	37.5*	1.359	S	123.733	E	33	N		1.2	7 SULAWESI, INDONESIA. ML 4.3 (DJA).
09	03	41	36.2&	58.837	N	154.674	W	128		2.5		19 ALASKA PENINSULA. <AEIC>.
09	03	43	20.5*	17.202	N	73.898	E	33	N	3.9	1.0	7 SOUTHERN INDIA
09	04	09	15.2	44.257	N	11.982	E	10	G		1.4	43 NORTHERN ITALY. ML 3.5 (VIE), 3.3 (STR), 3.3 (LDG), 3.1 (TRI).
09	04	27	13.4	44.341	N	11.901	E	10	G		0.6	14 NORTHERN ITALY. ML 2.9 (LDG), 2.8 (VIE).
09	04	37	10.6&	33.354	S	71.680	W	26				13 NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.4 (GUC).
09	04	49	40.1*	5.099	S	145.985	E	168	?	4.7	0.8	15 EASTERN NEW GUINEA REG., P.N.G.
09	06	59	46.6&	32.878	S	70.326	W	100				10 CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.3 (GUC).
09	07	57	14.0*	46.842	S	33.386	E	33	N	4.3	1.0	11 PRINCE EDWARD ISLANDS REGION
09	08	00	55.9&	36.936	N	121.683	W	12				17 CENTRAL CALIFORNIA. <NC-P>. MD 3.4 (NC). ML 3.4 (BRK). Felt at Gilroy and Watsonville.
09	08	06	02.2&	36.936	N	121.683	W	12				13 CENTRAL CALIFORNIA. <NC-P>. MD 2.9 (NC). Felt at Gilroy and Watsonville.
09	08	24	06.5&	35.467	N	32.402	E	25				4 CYPRUS REGION. <CSS>. ML 2.6 (CSS).
09	08	40	23.6?	49.88	N	156.88	E	33	N	3.6	1.0	8 KURIL ISLANDS
09	08	54	14.1*	16.300	S	168.382	E	33	N	4.1	1.1	14 VANUATU ISLANDS
09	10	17	46.5*	12.821	S	76.018	W	100	*	3.9	0.8	8 NEAR COAST OF PERU. Felt (II) at Chincha Alta and Lima.
09	10	30	39.4*	5.518	S	152.411	E	33	N	4.6	1.1	17 NEW BRITAIN REGION, P.N.G.
09	10	55	43.4	1.356	S	123.687	E	33	N	4.1	0.9	12 SULAWESI, INDONESIA
09	11	02	37.4	12.915	S	76.641	W	59	*	4.6	0.7	44 NEAR COAST OF PERU. Felt (V) at San Vicente de Canete.
09	11	08	49.6&	44.429	N	7.344	E	11				4 NORTHERN ITALY. <GEN>. ML 1.5 (GEN).
09	11	38	57.1	56.266	N	153.264	W	33	N	4.4	0.7	72 KODIAK ISLAND REGION, ALASKA. ML 4.5 (PMR).
09	13	50	57.4	25.002	N	125.350	E	44	D	4.2	0.9	22 SOUTHWESTERN RYUKYU ISL., JAPAN. Recorded (3 JMA) on Miyako-jima and (1 JMA) on Tarama-jima.
09	14	13	39.3&	60.093	N	152.897	W	112				29 SOUTHERN ALASKA. <AEIC>.
09	15	08	15.0&	34.535	N	32.327	E	25				17 CYPRUS REGION. <CSS>. ML 3.9 (CSS).
09	15	18	28.2&	34.584	N	32.297	E	25				7 CYPRUS REGION. <CSS>. ML 2.7 (CSS).
09	15	57	10.0&	15.973	N	95.983	W	55				8 NEAR COAST OF OAXACA, MEXICO. <UNM>. MD 4.1 (UNM).
09	16	36	58.3*	12.504	N	142.732	E	33	N	4.3	1.0	19 SOUTH OF MARIANA ISLANDS
09	17	18	38.5&	61.834	N	149.454	W	39				28 SOUTHERN ALASKA. <AEIC>.
09	17	34	23.7&	44.590	N	7.214	E	15				9 NORTHERN ITALY. <GEN>. ML 2.2 (GEN).
09	17	51	19.4&	44.316	N	12.001	E	10	G	4.5		139 NORTHERN ITALY. <ROM>. ML 4.7 (ZAG), 4.4 (VIE), 4.4 (FUR), 4.3 (TRI), 4.2 (STR), 3.9 (LDG).
09	19	06	23.9&	57.562	N	155.785	W	80		3.9		40 ALASKA PENINSULA. <AEIC>.
09	19	50	31.3*	4.443	N	128.318	E	66	D	4.4	1.0	10 NORTH OF HALMAHERA, INDONESIA
09	20	34	09.2&	32.052	S	71.017	W	78				12 NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.3 (GUC).
09	21	50	34.1?	61.10	S	54.72	W	33	N	4.2	1.1	10 SOUTH SHETLAND ISLANDS
09	22	22	05.2&	44.597	N	7.240	E	6				9 NORTHERN ITALY. <GEN>. ML 2.3 (GEN).
09	22	43	45.8*	1.640	S	123.251	E	89	?	4.6	0.8	12 SULAWESI, INDONESIA
09	23	41	54.7&	36.740	N	2.379	W	0	G			9 STRAIT OF GIBRALTAR. <MDD>. mbLg 2.5 (MDD).
10	00	16	28.6	25.423	S	177.442	W	135	D	4.7	0.8	52 SOUTH OF FIJI ISLANDS
10	01	48	19.4?	24.50	S	175.79	W	33	N	3.7	1.0	9 SOUTH OF TONGA ISLANDS
10	02	01	00.5*	1.527	S	123.445	E	33	N		1.5	9 SULAWESI, INDONESIA
10	02	01	07.1&	34.693	N	32.622	E	20				7 CYPRUS REGION. <CSS>. ML 2.6 (CSS).
10	03	17	35.6?	7.79	N	72.69	W	33	N	4.1	1.5	9 NORTHERN COLOMBIA
10	03	46	01.4	44.359	N	11.912	E	10	G		1.2	60 NORTHERN ITALY. ML 3.8 (ZAG), 3.6 (VIE), 3.5 (STR), 3.4 (LDG), 3.3 (TRI), 3.2 (FUR).
10	04	20	12.2&	39.670	S	175.600	E	67				9 NORTH ISLAND, NEW ZEALAND. <WEL>. ML 3.5 (WEL).
10	04	27	13.5	45.742	N	26.539	E	133		3.9	1.3	47 ROMANIA. Felt at Bucharest. Also felt (III) at Chisinau, Moldova.
10	05	48	07.0&	40.440	N	125.320	W	5		2.8		14 OFF COAST OF NORTHERN CALIFORNIA. <NC-P>. ML 3.2 (NC), 3.2 (BRK).
10	05	54	10.1	44.334	N	11.914	E	10	G		1.1	25 NORTHERN ITALY. ML 3.5 (VIE), 3.2 (LDG), 3.0 (TRI).
10	06	49	10.3	4.285	S	152.057	E	33	N	5.1 4.9	1.3	82 NEW BRITAIN REGION, P.N.G. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 06:49:05.5; Lat 4.28 S Fix; Lon 152.06 E Fix; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=7.70, Plg=25, Azm=185; (N) Val=-1.02, Plg=54, Azm=316; (P) Val=-6.68, Plg=24, Azm=83; Best double couple: Mo=7.2*10**16 Nm; NP1: Strike=224, Dip=54, Slip=179; NP2: Strike=315, Dip=89, Slip=36.
10	07	02	36.7*	34.785	N	23.406	E	10	G	3.6	1.3	10 CRETE, GREECE
10	07	04	56.8&	60.513	N	152.801	W	112				45 SOUTHERN ALASKA. <AEIC>.
10	07	27	36.3	23.711	S	175.906	W	33	N	4.9 4.2	1.0	42 TONGA ISLANDS REGION
10	07	32	44.7*	36.086	N	135.565	E	355		3.1	1.0	14 SEA OF JAPAN
10	08	33	01.9	36.073	N	70.054	E	128	D	4.4	0.8	46 *HINDU KUSH REGION, AFGHANISTAN*
10	08	43	31.8*	10.223	N	41.138	E	10	G	4.0	1.3	9 ETHIOPIA
10	09	37	40.9*	79.849	N	1.250	E	10	G		1.1	16 GREENLAND SEA
10	10	46	27.4*	43.952	N	144.203	E	166	*	4.0	0.8	19 HOKKAIDO, JAPAN REGION
10	10	48	39.5	23.708	S	175.844	W	33	N	5.1 5.1	1.0	103 TONGA ISLANDS REGION. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 10:48:42.8; Lat 23.88 S; Lon 175.29 W; Dep 32.3; Half-duration 1.1 sec; Principal axes (scale 10**17 Nm): (T) Val=1.33, Plg=68, Azm=310; (N) Val=0.09, Plg=5, Azm=206; (P) Val=-1.42, Plg=21, Azm=114; Best double couple: Mo=1.4*10**17 Nm; NP1: Strike=195, Dip=24, Slip=77; NP2: Strike=29, Dip=66, Slip=96.
10	10	52	21.8	56.259	N	153.202	W	33	N	4.5	1.0	68 KODIAK ISLAND REGION, ALASKA. ML 4.4 (PMR), 4.1 (AEIC).
10	11	41	44.5&	43.991	N	6.829	E	6	G			7 NEAR SOUTH COAST OF FRANCE. <LDG>. ML 2.1 (LDG).

10	12	12	26.3	44.332	N	11.895	E	33	N			1.0	27	NORTHERN ITALY. ML 3.4 (VIE), 3.3 (STR), 3.1 (LDG).
10	12	15	01.7	44.342	N	11.877	E	10	G			1.1	23	NORTHERN ITALY. ML 3.4 (VIE), 3.1 (LDG).
10	12	27	10.1&	40.310	S	176.560	E	33	N				16	NORTH ISLAND, NEW ZEALAND. <WEL>. ML 3.9 (WEL).
10	14	14	48.9&	32.069	S	70.759	W	107					10	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.3 (GUC).
10	14	45	43.6	17.534	N	147.527	E	33	N	4.9	4.6	0.9	73	MARIANA ISLANDS REGION
10	15	46	05.2*	1.014	S	123.704	E	33	N	4.8		1.2	12	SULAWESI, INDONESIA
10	15	56	59.4&	35.604	S	70.504	W	193					11	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.5 (GUC).
10	15	57	41.9	16.123	N	97.042	W	33	N	4.5		1.3	78	OAXACA, MEXICO. MD 4.7 (UNM).
10	16	04	13.1*	26.570	N	44.755	W	10	G	3.8		0.7	10	NORTHERN MID-ATLANTIC RIDGE
10	16	15	19.0*	57.206	S	25.787	W	33	N	4.4		1.1	9	SOUTH SANDWICH ISLANDS REGION
10	16	19	18.7&	16.044	N	97.257	W	12					8	OAXACA, MEXICO. <UNM>. MD 4.1 (UNM).
10	16	52	09.8	44.315	N	12.002	E	10	G	5.0	4.7	1.2	261	NORTHERN ITALY. Mw 5.1 (HRV). ML 5.2 (VIE), 5.1 (ZAG), 5.0 (LDG), 5.0 (FBB), 4.9 (FUR). Centroid, Moment Tensor (HRV): Centroid origin time 16:52:20.0; Lat 44.31 N Fix; Lon 12.00 E Fix; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=5.24, Plg=82, Azm=190; (N) Val=-0.97, Plg=5, Azm=61; (P) Val=-4.27, Plg=6, Azm=331; Best double couple: Mo=4.8*10**16 Nm; NP1: Strike=55, Dip=39, Slip=83; NP2: Strike=245, Dip=51, Slip=96.
10	16	59	02.4*	44.422	N	11.596	E	10	G			1.1	13	NORTHERN ITALY. ML 3.4 (VIE), 3.1 (LDG).
10	17	00	29.7&	63.128	N	150.899	W	155					45	CENTRAL ALASKA. <AEIC>.
10	17	09	26.8*	13.161	N	145.359	E	33	N	4.4		1.1	13	MARIANA ISLANDS
10	17	11	01.5*	44.339	N	11.897	E	10	G			1.1	10	NORTHERN ITALY. ML 3.3 (VIE), 3.0 (LDG).
10	17	46	56.1	11.296	S	119.398	E	33	N	4.7		0.9	14	SOUTH OF SUMBA, INDONESIA
10	17	50	11.6	46.470	N	12.999	E	10	G			1.0	12	NORTHERN ITALY. ML 2.7 (VIE), 2.6 (FUR). MD 2.4 (LJU).
10	19	05	20.5	44.330	N	11.910	E	10	G			0.9	20	NORTHERN ITALY. ML 3.4 (VIE), 2.9 (LDG), 2.8 (TRI).
10	19	40	12.6&	48.646	N	3.742	W	9					7	FRANCE. <LDG>. ML 2.0 (LDG).
10	19	48	13.2	44.399	N	11.837	E	10	G			1.2	16	NORTHERN ITALY. ML 3.2 (VIE), 2.8 (LDG).
10	20	36	52.0&	47.470	N	115.780	W	2	G				40	MONTANA. <BUT-P>. ML 3.3 (BUT). Rockburst.
10	21	28	28.1*	17.592	N	147.710	E	33	N	4.1		1.1	13	MARIANA ISLANDS REGION
10	21	36	08.0?	35.96	N	140.12	E	33	N			0.9	5	NEAR EAST COAST OF HONSHU, JAPAN. Recorded (2 JMA) in the Tokyo area.
10	22	03	14.4	44.289	N	11.892	E	10	G			1.1	42	NORTHERN ITALY. ML 3.7 (VIE), 3.3 (STR), 3.2 (TRI), 3.2 (LDG).
10	22	09	27.0*	52.864	N	167.361	W	33	N	3.3		1.1	9	FOX ISLANDS, ALEUTIAN ISLANDS
10	23	04	07.2	44.375	N	11.856	E	10	G			0.9	24	NORTHERN ITALY. ML 3.4 (VIE), 2.9 (LDG), 2.8 (TRI).
10	23	22	43.6*	44.308	N	11.891	E	10	G			1.3	14	NORTHERN ITALY. ML 2.9 (LDG).
10	23	22	55.7	44.449	N	11.791	E	10	G			1.0	20	NORTHERN ITALY. ML 3.1 (LDG).
10	23	25	27.7	44.429	N	11.777	E	10	G			1.2	22	NORTHERN ITALY. ML 3.5 (VIE), 3.2 (LDG), 3.1 (STR).
10	23	25	42.6&	33.160	N	115.638	W	4					22	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.9 (PAS). Felt at Calipatria and Imperial.
10	23	28	53.7&	33.156	N	115.643	W	3					12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS). Felt at Calipatria and Imperial.
10	23	33	25.3&	33.159	N	115.631	W	2					4	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
10	23	35	13.5	44.404	N	11.832	E	10	G			1.0	37	NORTHERN ITALY. ML 3.7 (VIE), 3.3 (STR), 3.2 (LDG).
10	23	37	15.8	44.381	N	11.851	E	10	G			0.8	12	NORTHERN ITALY. ML 3.6 (VIE), 3.0 (LDG), 2.8 (TRI).
10	23	55	19.5?	41.29	S	88.25	W	10	G	4.5		1.1	6	WEST CHILE RISE
11	00	02	57.5	44.367	N	11.876	E	10	G			0.9	18	NORTHERN ITALY. ML 3.2 (VIE), 2.9 (LDG).
11	00	14	37.0&	44.815	N	7.528	E	42					8	NORTHERN ITALY. <GEN>.
11	00	15	42.1*	21.462	N	144.558	E	200	G	3.2		0.4	8	MARIANA ISLANDS REGION
11	00	21	16.3*	1.577	S	122.726	E	107	?	4.1		1.3	8	SULAWESI, INDONESIA
11	00	39	10.0	51.695	N	16.075	E	5	G			1.4	30	POLAND. ML 3.5 (VIE), 3.2 (FUR).
11	00	50	00.9	53.492	N	164.280	W	33	N	4.9	4.3	1.0	120	UNIMAK ISLAND REGION, ALASKA. ML 4.6 (PMR).
11	01	11	46.5	44.404	N	11.888	E	10	G			0.9	14	NORTHERN ITALY. ML 2.7 (LDG).
11	02	04	55.5	1.638	S	123.491	E	33	N	4.7		1.4	23	SULAWESI, INDONESIA
11	02	06	54.1*	53.510	N	164.311	W	33	N	3.2		1.1	9	UNIMAK ISLAND REGION, ALASKA
11	02	14	22.7&	33.748	S	70.397	W	106					12	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.3 (GUC).
11	02	34	34.2*	14.688	S	173.222	E	624	*	4.5		0.9	17	FIJI ISLANDS REGION
11	02	39	16.9	44.371	N	11.849	E	10	G			1.2	16	NORTHERN ITALY. ML 2.9 (VIE), 2.7 (LDG).
11	03	08	01.4?	17.71	N	147.76	E	33	N	3.6		0.7	5	MARIANA ISLANDS REGION
11	04	12	26.9&	44.337	N	11.944	E	10	G				9	NORTHERN ITALY. <LDG>. ML 2.8 (LDG).
11	04	41	11.5	44.310	N	11.947	E	10	G	4.1		1.4	79	NORTHERN ITALY. ML 4.0 (STR), 3.9 (VIE), 3.7 (LDG), 3.4 (FUR).
11	04	49	37.8	44.390	N	11.869	E	10	G			1.5	51	NORTHERN ITALY. ML 3.7 (VIE), 3.5 (LDG), 3.4 (STR).
11	06	25	22.8&	61.851	N	151.965	W	134					29	SOUTHERN ALASKA. <AEIC>.
11	08	56	27.1	56.479	N	114.260	E	10	G			1.3	7	EAST OF LAKE BAYKAL, RUSSIA
11	09	44	13.6&	38.410	S	176.210	E	177					12	NORTH ISLAND, NEW ZEALAND. <WEL>.
11	10	06	02.0&	35.210	S	71.568	W	54					12	CENTRAL CHILE. <GUC>. MD 4.0 (GUC). Felt (III) at Cauquenes and Talca; (II) at Curico.
11	10	10	42.4&	38.813	N	122.798	W	4					22	NORTHERN CALIFORNIA. <NC-P>. MD 3.1 (NC). ML 3.2 (BRK).
11	10	57	46.7	44.361	N	11.865	E	10	G	4.3		1.5	123	NORTHERN ITALY. ML 4.3 (VIE), 4.3 (ZAG), 4.2 (STR), 4.1 (FUR), 3.9 (LDG).
11	11	05	48.5*	4.666	S	10.779	W	10	G	4.5		0.6	17	NORTH OF ASCENSION ISLAND
11	11	14	15.8*	15.247	S	71.915	W	131	*	3.8		1.3	12	SOUTHERN PERU
11	11	31	17.4	38.253	N	118.315	W	5	G			0.6	10	CALIFORNIA-NEVADA BORDER REGION. ML 3.0 (GS).
11	11	37	33.9?	17.58	N	147.56	E	33	N	4.0		1.6	6	MARIANA ISLANDS REGION
11	11	54	13.0&	14.461	N	93.282	W	0					6	NEAR COAST OF CHIAPAS, MEXICO. <UNM>. MD 4.4 (UNM).
11	11	57	15.0	44.340	N	11.912	E	10	G	4.6		1.2	172	NORTHERN ITALY. ML 4.5 (VIE), 4.4 (STR), 4.4 (ZAG), 4.4 (FUR), 4.2 (LDG), 4.2 (FBB).
11	12	14	00.0?	39.30	N	77.08	E	33	N	4.0		1.6	11	SOUTHERN XINJIANG, CHINA
11	13	56	04.1&	31.710	S	69.713	W	161					10	SAN JUAN PROVINCE, ARGENTINA. <GUC>. MD 3.7 (GUC).
11	14	34	05.4*	1.413	S	123.413	E	33	N			1.2	10	SULAWESI, INDONESIA
11	14	52	38.6?	12.40	N	142.68	E	33	N	4.7		1.4	8	SOUTH OF MARIANA ISLANDS
11	14	54	15.4?	12.44	N	142.72	E	33	N	4.6		1.3	7	SOUTH OF MARIANA ISLANDS
11	15	11	50.1*	44.422	N	11.810	E	10	G			0.9	10	NORTHERN ITALY. ML 3.0 (VIE), 2.8 (LDG).
11	15	11	51.9&	44.381	N	11.971	E	10	G				6	NORTHERN ITALY. <LDG>. ML 2.7 (LDG).
11	15	50	19.5*	12.471	N	142.655	E	33	N	4.3		1.3	17	SOUTH OF MARIANA ISLANDS
11	15	52	55.3	26.003	N	96.952	E	48	*	4.4		1.3	40	MYANMAR
11	16	39	00.7&	38.960	S	173.940	E	5					5	OFF W. COAST OF N. ISLAND, N.Z. <WEL>. ML 3.3 (WEL).
11	16	51	53.8*	25.381	N	94.414	E	59	D	4.3		1.3	19	MYANMAR-INDIA BORDER REGION
11	17	08	05.3	46.265	N	13.630	E	10	G			1.1	10	AUSTRIA. ML 2.6 (VIE). Felt (IV) at Dreznica and Kobarid, Slovenia.

11	17	19	59.9	19.632	S	179.916	E	501	D	4.3		0.8	49	SOUTH OF FIJI ISLANDS
11	17	40	41.7	15.989	N	98.124	W	10		4.6	3.9	1.3	83	OFF COAST OF GUERRERO, MEXICO. MD 4.6 (UNM).
11	17	45	53.2?	21.41	N	143.80	E	33	N	3.5		1.2	6	MARIANA ISLANDS REGION
11	17	58	25.5	16.213	N	97.964	W	30		4.9	4.1	1.0	117	OAXACA, MEXICO. MD 4.8 (UNM).
11	18	37	03.5&	44.282	N	12.173	E	10	G				15	NORTHERN ITALY. <LDG>. ML 3.0 (VIE), 2.7 (LDG).
11	18	42	22.2?	45.60	N	26.71	E	100	G			1.6	5	ROMANIA
11	18	50	33.7&	32.887	S	70.259	W	110					10	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.6 (GUC).
11	19	20	57.3?	23.90	S	175.50	W	33	N	4.3		1.2	12	TONGA ISLANDS REGION
11	19	43	50.9	6.856	S	155.967	E	150	G	4.4		0.8	57	SOLOMON ISLANDS
11	19	59	28.7?	12.26	N	142.96	E	33	N	3.9		0.8	5	SOUTH OF MARIANA ISLANDS
11	20	00	32.8?	12.62	N	143.04	E	33	N			0.7	5	SOUTH OF MARIANA ISLANDS
11	20	01	01.4*	3.569	S	145.004	E	33	N	4.6	4.6	1.2	23	NEAR N COAST OF NEW GUINEA, PNG.
11	20	06	20.3*	12.401	N	142.657	E	33	N	4.7	4.4	1.3	16	SOUTH OF MARIANA ISLANDS
11	20	41	25.4&	43.040	N	0.540	W	10	G				4	PYRENEES. <STR>. ML 2.2 (STR).
11	21	38	05.2	0.550	S	123.227	E	77		4.9		1.3	83	MINAHASSA PENINSULA, SULAWESI. Mw 5.1 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 21:38:14.3; Lat 0.11 N; Lon 123.83 E; Dep 77.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=5.30, Plg=20, Azm=249; (N) Val=-0.19, Plg=70, Azm=76; (P) Val=-5.11, Plg=2, Azm=340; Best double couple: Mo=5.2*10**16 Nm; NP1: Strike=26, Dip=75, Slip=13; NP2: Strike=293, Dip=78, Slip=165.
11	21	43	25.4&	38.914	N	122.634	W	4					13	NORTHERN CALIFORNIA. <NC-P>. MD 2.7 (NC).
11	22	15	56.2&	35.721	N	118.460	W	4					14	CENTRAL CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
11	22	51	13.1*	5.022	N	125.376	E	196	*	4.3		1.1	15	MINDANAO, PHILIPPINES
11	23	06	52.3*	46.388	N	15.079	E	10	G			0.2	5	NORTHWESTERN BALKAN REGION. ML 1.4 (VIE).
11	23	35	02.5*	12.445	N	142.850	E	33	N	4.5		1.1	11	SOUTH OF MARIANA ISLANDS
11	23	36	57.1*	12.509	N	142.707	E	33	N	4.5		0.9	22	SOUTH OF MARIANA ISLANDS
11	23	46	50.6?	11.58	N	144.90	E	33	N	3.5		0.6	5	SOUTH OF MARIANA ISLANDS
12	00	19	42.1&	38.757	N	1.016	W	5					8	SPAIN. <MDD>. mbLg 1.8 (MDD).
12	00	25	12.2*	51.626	N	175.943	W	33	N	3.3		1.2	7	ANDREANOF ISLANDS, ALEUTIAN IS.
12	00	32	29.3?	51.89	N	179.79	W	33	N	3.6		1.5	5	ANDREANOF ISLANDS, ALEUTIAN IS.
12	01	16	26.5?	29.04	N	69.89	E	33	N	4.4		0.9	11	PAKISTAN
12	01	37	12.1&	41.440	S	175.000	E	24					10	NORTH ISLAND, NEW ZEALAND. <WEL>. ML 3.5 (WEL).
12	01	46	44.1	1.355	S	123.538	E	33	N	4.7		1.0	14	SULAWESI, INDONESIA
12	03	01	44.4	37.049	N	36.085	E	10	G	4.7		1.1	169	TURKEY. MD 4.8 (ISK). ML 4.6 (CSS). Some people injured and buildings damaged at Osmaniye. Felt at Adana, Antakya and Gaziantep.
12	03	39	08.0&	34.512	S	70.714	W	100					8	CHILE-ARGENTINA BORDER REGION. <GUC>.
12	03	57	27.8&	11.266	N	61.711	W	10					5	WINDWARD ISLANDS. <TRN>. MD 2.8 (TRN).
12	04	22	05.3	1.213	S	123.435	E	33	N	4.9		1.1	31	SULAWESI, INDONESIA
12	04	26	03.0&	34.774	S	71.628	W	36					7	NEAR COAST OF CENTRAL CHILE. <GUC>.
12	05	09	36.4*	10.039	N	126.357	E	33	N	4.0		1.1	7	PHILIPPINE ISLANDS REGION
12	06	49	12.3	1.150	S	123.634	E	33	N	4.5		0.9	9	SULAWESI, INDONESIA
12	07	01	39.9	44.272	N	11.897	E	10	G			1.2	17	NORTHERN ITALY. ML 2.9 (LDG), 2.9 (VIE).
12	07	33	31.7*	30.898	S	71.196	W	89	*	4.0		1.2	21	NEAR COAST OF CENTRAL CHILE. MD 4.2 (GUC).
12	08	27	09.8?	19.49	N	120.10	E	33	N	3.8		0.9	5	PHILIPPINE ISLANDS REGION
12	09	17	27.0	44.271	N	11.894	E	10	G			1.1	15	NORTHERN ITALY. ML 3.2 (VIE), 3.0 (LDG).
12	09	39	57.7*	12.522	N	142.618	E	67	?	4.8	4.1	1.3	12	SOUTH OF MARIANA ISLANDS
12	10	17	30.1	33.418	N	141.145	E	33	N	4.4		1.2	38	OFF EAST COAST OF HONSHU, JAPAN. Recorded (1 JMA) on Hachijo-jima.
12	10	29	14.3&	63.044	N	150.635	W	123					79	CENTRAL ALASKA. <AEIC>.
12	11	00	00.0&	61.671	N	152.006	W	100		2.3			36	SOUTHERN ALASKA. <AEIC>.
12	11	26	38.0&	44.354	N	11.955	E	10	G	4.4			184	NORTHERN ITALY. <ROM>. ML 4.5 (VIE), 4.4 (STR), 4.2 (FBB), 4.1 (LDG), 4.0 (FUR). MD 3.7 (ROM).
12	11	53	32.3&	62.451	N	148.237	W	33					57	CENTRAL ALASKA. <AEIC>. ML 2.8 (AEIC), 3.0 (PMR).
12	11	58	48.1	27.748	S	70.475	W	76	D	4.4		1.3	32	NEAR COAST OF NORTHERN CHILE. MD 4.7 (GUC). Felt (IV) at Copiapo and Tierra Amarilla.
12	12	20	02.1&	15.976	N	98.308	W	5		4.1			29	OFF COAST OF GUERRERO, MEXICO. <UNM>. MD 4.3 (UNM).
12	13	16	08.2	47.619	N	12.824	E	5	G			1.2	61	AUSTRIA. ML 3.4 (FBB), 3.4 (LDG), 3.3 (FUR), 3.3 (VIE).
12	14	05	49.1*	12.661	N	142.848	E	33	N	3.5		1.3	9	SOUTH OF MARIANA ISLANDS
12	15	09	09.3	8.664	N	126.925	E	39	D	4.4	4.0	1.3	24	MINDANAO, PHILIPPINES
12	15	27	46.0	8.747	N	127.195	E	23	D	4.2		1.1	20	PHILIPPINE ISLANDS REGION
12	15	51	45.0*	10.869	S	165.814	E	33	N	4.5		1.3	13	SANTA CRUZ ISLANDS
12	17	20	34.8*	55.752	N	114.428	E	10	G			1.3	5	EAST OF LAKE BAYKAL, RUSSIA
12	17	21	54.3	51.139	N	157.651	E	62	D	4.9		1.0	178	NEAR EAST COAST OF KAMCHATKA. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 17:21:59.6; Lat 51.21 N; Lon 157.77 E; Dep 66.4; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=6.41, Plg=24, Azm=57; (N) Val=1.89, Plg=50, Azm=178; (P) Val=-8.30, Plg=30, Azm=312; Best double couple: Mo=7.3*10**16 Nm; NP1: Strike=96, Dip=50, Slip=-175; NP2: Strike=3, Dip=86, Slip=-40.
12	17	25	00.5&	18.643	N	66.961	W	18					9	PUERTO RICO REGION. <RSPR>. MD 3.2 (RSPR).
12	17	40	48.3	44.301	N	11.846	E	10	G			1.3	15	NORTHERN ITALY. ML 3.0 (VIE), 2.8 (LDG).
12	17	47	46.0&	19.207	N	66.719	W	25					4	PUERTO RICO REGION. <RSPR>. MD 3.1 (RSPR).
12	17	49	13.7	8.695	N	127.052	E	38	D	4.4		1.2	23	PHILIPPINE ISLANDS REGION
12	17	54	03.8*	10.001	N	41.079	E	10	G	4.3		0.9	14	ETHIOPIA
12	18	25	22.7&	59.931	N	153.231	W	159		3.8			104	SOUTHERN ALASKA. <AEIC>.
12	18	43	18.1	23.548	S	66.452	W	225		6.2		0.9	232	JUJUY PROVINCE, ARGENTINA. Mw 7.2 (HRV), 7.1 (GS). Me 6.7 (GS). One person killed at the Manto Verde Mine in the Atacama region, Chile. Felt (VI) at Antofagasta, Calama, Chuquicamata, Copiapo, Mejillones and Sierra Gorda; (V) at Caldera, Chanaral, Diego de Almagro, Iquique, Tierra Amarilla and Tocopilla; (IV) at Arica, Pozo Almonte and Potrerillos; (III) at Parinacota, Chile. Also felt in northern Argentina. Broadband Source Parameters (GS): Dep 225; NP1: Strike=10, Dip=80, Slip=-90; NP2: Strike=190, Dip=10, Slip=-90; Radiated energy 2.6*10**14 Nm. Complex earthquake. A small event is followed by a larger one about 2 seconds later. Moment Tensor (GS): Dep 218; Principal axes (scale 10**19 Nm): (T) Val=5.86, Plg=35, Azm=82; (N) Val=0.00, Plg=9,

												Azm=178; (P) Val=-5.86, Plg=53, Azm=281; Best double couple: Mo=5.9*10**19 Nm; NP1: Strike=135, Dip=13, Slip=-134; NP2: Strike=360, Dip=81, Slip=-81.
												Centroid, Moment Tensor (HRV): Centroid origin time 18:43:28.9; Lat 23.72 S Fix; Lon 66.85 W Fix; Dep 226.6; Half-duration 8.4 sec; Principal axes (scale 10**19 Nm): (T) Val=6.77, Plg=35, Azm=100; (N) Val=-0.29, Plg=5, Azm=6; (P) Val=-6.48, Plg=55, Azm=268; Best double couple: Mo=6.6*10**19 Nm; NP1: Strike=214, Dip=12, Slip=-62; NP2: Strike=5, Dip=80, Slip=-96.
												Scalar Moment (PPT): Mo=7.5*10**19 Nm.
12	19 33 46.8?	13.58	N	89.20	W	33	N	4.1		1.3	11	EL SALVADOR. Felt (II) at San Salvador.
12	19 40 20.7?	51.27	N	15.90	E	5	G			1.0	5	POLAND. ML 2.4 (BRG).
12	19 45 10.6&	19.337	N	66.740	W	34					6	PUERTO RICO REGION. <RSPR>. MD 3.4 (RSPR).
12	19 46 46.4&	19.204	N	66.854	W	42					6	PUERTO RICO REGION. <RSPR>. MD 3.5 (RSPR).
12	19 49 16.3*	24.053	S	66.794	W	208	*	4.0		0.9	8	SALTA PROVINCE, ARGENTINA
12	20 08 14.7*	23.766	S	66.510	W	213	*			1.4	14	JUJUY PROVINCE, ARGENTINA
12	20 47 33.6&	46.485	N	1.448	E	4	G				9	FRANCE. <LDG>. MD 2.1 (LDG).
12	22 11 33.7&	48.213	N	3.206	W	4	G				7	FRANCE. <LDG>. ML 2.2 (LDG).
12	22 53 37.8&	33.429	S	70.477	W	93					12	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.6 (GUC).
12	23 10 29.9	35.975	N	70.657	E	108	D	6.2		0.9	514	HINDU KUSH REGION, AFGHANISTAN. Mw 6.3 (GS), 6.3 (HRV). Me 6.0 (GS). Felt strongly in Badakhshan Province. Felt at Kabul and in much of northeastern Afghanistan. Felt at Peshawar, Pakistan. Felt (IV) at Dushanbe, Tajikistan and (III) at Samarqand and Toshkent, Uzbekistan.
												Broadband Source Parameters (GS): Dep 95; NP1: Strike=237, Dip=89, Slip=-91; NP2: Strike=102, Dip=1, Slip=-45; Radiated energy 2.4*10**13 Nm.
												Moment Tensor (GS): Dep 96; Principal axes (scale 10**18 Nm): (T) Val=2.99, Plg=44, Azm=320; (N) Val=-0.08, Plg=5, Azm=55; (P) Val=-2.91, Plg=45, Azm=150; Best double couple: Mo=3.0*10**18 Nm; NP1: Strike=332, Dip=5, Slip=-173; NP2: Strike=235, Dip=89, Slip=-85.
												Centroid, Moment Tensor (HRV): Centroid origin time 23:10:33.9; Lat 36.04 N; Lon 70.53 E; Dep 105.6; Half-duration 3.4 sec; Principal axes (scale 10**18 Nm): (T) Val=3.22, Plg=35, Azm=337; (N) Val=-0.51, Plg=16, Azm=235; (P) Val=-2.71, Plg=50, Azm=125; Best double couple: Mo=3.0*10**18 Nm; NP1: Strike=118, Dip=18, Slip=-27; NP2: Strike=233, Dip=82, Slip=-106.
12	23 19 57.8?	35.96	N	70.43	E	91	?			0.8	10	HINDU KUSH REGION, AFGHANISTAN
12	23 39 50.2&	33.176	N	115.637	W	3					6	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
12	23 43 48.1&	10.967	N	62.210	W	58					8	NEAR COAST OF VENEZUELA. <TRN>. MD 3.4 (TRN).
12	23 57 38.1&	15.994	N	98.377	W	8		3.7			33	OFF COAST OF GUERRERO, MEXICO. <UNM>. MD 4.5 (UNM).
13	01 01 10.1&	41.760	S	174.320	E	32					11	COOK STRAIT, NEW ZEALAND. <WEL>. ML 3.3 (WEL).
13	01 34 41.9	35.986	N	70.687	E	109	*	4.0		0.7	16	HINDU KUSH REGION, AFGHANISTAN
13	01 36 23.9*	58.594	S	53.700	W	10	G	4.4		1.1	16	SCOTIA SEA
13	02 11 49.7	23.833	S	66.608	W	215		4.1		0.8	26	JUJUY PROVINCE, ARGENTINA
13	02 22 56.6?	50.16	S	119.96	E	10	G			1.1	9	WESTERN INDIAN-ANTARCTIC RIDGE
13	02 29 27.6*	50.130	S	120.117	E	10	G	4.3		0.9	11	WESTERN INDIAN-ANTARCTIC RIDGE
13	03 13 10.0?	5.10	S	151.27	E	67	*	4.3		0.6	8	NEW BRITAIN REGION, P.N.G.
13	03 39 40.2	8.692	N	126.873	E	33	N	4.9	4.1	1.2	45	MINDANAO, PHILIPPINES
13	04 21 43.1	35.971	N	70.537	E	88	*	4.4		1.0	37	HINDU KUSH REGION, AFGHANISTAN
13	04 30 22.4	14.372	N	123.808	E	58	D	4.9		1.2	56	LUZON, PHILIPPINES
13	04 34 28.8*	60.460	S	27.655	W	33	N	4.7		1.5	17	SOUTH SANDWICH ISLANDS REGION
13	04 42 56.0&	45.924	N	2.964	E	4	G				14	FRANCE. <LDG>. ML 2.1 (STR). MD 2.1 (LDG).
13	05 59 25.6	44.412	N	11.859	E	10	G			1.3	37	NORTHERN ITALY. ML 3.3 (LDG), 3.2 (VIE), 3.2 (STR).
13	06 01 39.3	44.343	N	11.852	E	10	G			1.2	18	NORTHERN ITALY. ML 2.9 (LDG), 2.8 (VIE).
13	06 09 43.2&	42.071	N	2.474	E	2					4	PYRENEES. <LDG>. ML 1.9 (LDG).
13	07 24 19.4&	17.518	N	99.611	W	57					9	GUERRERO, MEXICO. <UNM>. MD 3.7 (UNM).
13	07 36 23.6&	36.825	N	4.767	W	0	G				6	STRAIT OF GIBRALTAR. <MDD>. mbLg 1.7 (MDD).
13	07 57 56.5*	57.186	S	25.236	W	33	N	4.8		1.4	13	SOUTH SANDWICH ISLANDS REGION
13	08 08 10.7*	50.190	S	119.833	E	10	G	4.5	4.4	1.0	40	WESTERN INDIAN-ANTARCTIC RIDGE
13	08 42 32.0*	12.467	N	142.614	E	61	?	4.9	4.5	1.3	26	SOUTH OF MARIANA ISLANDS
13	09 05 36.9	12.519	N	142.648	E	33	N	5.2	4.7	1.2	54	SOUTH OF MARIANA ISLANDS
13	09 07 53.7&	65.977	N	148.823	W	107					17	NORTHERN ALASKA. <AEIC>.
13	09 08 38.4&	17.520	N	99.722	W	71					10	GUERRERO, MEXICO. <UNM>. MD 3.7 (UNM).
13	09 11 45.6	37.329	N	70.173	E	61	*	4.4		0.8	15	AFGHANISTAN-TAJIKISTAN BORD REG.
13	09 31 10.4	4.353	S	153.029	E	33	N	5.3	4.3	0.9	160	NEW IRELAND REGION, P.N.G.
13	09 33 33.9	42.384	N	144.460	E	33	N	4.1		1.1	18	HOKKAIDO, JAPAN REGION. Recorded (2 JMA) in the Kushiro area.
13	09 51 57.6&	39.398	N	123.067	W	6					11	NEAR COAST OF NORTHERN CALIF. <NC-P>. MD 3.0 (NC).
13	10 17 37.9&	31.407	S	71.980	W	47					9	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.3 (GUC).
13	10 22 03.9&	34.692	N	33.219	E	30					4	CYPRUS REGION. <CSS>. ML 2.4 (CSS).
13	10 25 39.1&	47.819	N	7.940	E	2					5	SWITZERLAND. <LDG>. MD 2.3 (LDG).
13	11 27 21.5	14.578	N	93.296	W	55		4.0		1.1	40	NEAR COAST OF CHIAPAS, MEXICO. MD 4.5 (UNM).
13	12 07 18.9*	37.127	N	135.097	E	372	*			1.0	6	SEA OF JAPAN
13	12 17 02.7&	31.895	S	70.285	W	126					10	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.1 (GUC).
13	12 28 43.0&	50.570	N	130.430	W	10	G				28	VANCOUVER ISLAND, CANADA REGION. <PGC-P>. ML 3.2 (PGC).
13	12 29 20.9?	2.91	S	128.14	E	33	N	4.0		1.3	8	CERAM SEA
13	12 53 14.2*	4.372	N	125.948	E	156	?	4.4		0.6	11	TALAUD ISLANDS, INDONESIA
13	13 57 52.3&	15.295	N	60.732	W	30					8	LEEWARD ISLANDS. <FDF>. MD 2.9 (TRN), 2.6 (FDF).
13	15 00 19.7*	17.373	N	147.776	E	50	D			1.2	7	MARIANA ISLANDS REGION
13	15 50 30.9*	35.921	N	25.196	E	111	?	3.9		1.3	24	CRETE, GREECE
13	17 50 16.6*	57.089	S	24.978	W	33	N	4.4		1.0	14	SOUTH SANDWICH ISLANDS REGION
13	19 03 12.3*	36.023	N	70.757	E	104	?	4.6		1.1	15	HINDU KUSH REGION, AFGHANISTAN
13	19 04 48.4?	5.52	N	83.18	W	33	N	4.0		1.3	11	OFF COAST OF CENTRAL AMERICA
13	19 56 13.2	44.329	N	11.862	E	10	G			1.0	22	NORTHERN ITALY. ML 3.3 (VIE), 3.1 (LDG).
13	21 51 57.7&	40.200	S	174.190	E	118					14	COOK STRAIT, NEW ZEALAND. <WEL>.
13	22 06 08.1*	35.996	N	70.670	E	102	?	4.4		1.1	15	HINDU KUSH REGION, AFGHANISTAN
13	22 30 01.9*	1.274	N	126.195	E	59	?	4.5		0.9	14	NORTHERN MOLUCCA SEA
13	22 54 10.6	11.408	N	62.102	W	116				1.1	29	WINDWARD ISLANDS. MD 4.3 (FDF), 3.9 (TRN).
13	22 57 18.8	12.558	N	142.538	E	22	D	5.0	4.3	1.1	53	SOUTH OF MARIANA ISLANDS. Mw 4.8 (HRV).
												Centroid, Moment Tensor (HRV): Centroid origin time

													22:57:17.7; Lat 12.32 N; Lon 142.59 E; Dep 19.3; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=1.79, Plg=2, Azm=333; (N) Val=0.49, Plg=12, Azm=242; (P) Val=-2.28, Plg=78, Azm=71; Best double couple: Mo=2.0*10**16 Nm; NP1: Strike=75, Dip=44, Slip=-73; NP2: Strike=232, Dip=48, Slip=-106.
13	23	01	25.9	44.304	N	11.949	E	10	G		1.4	54	NORTHERN ITALY. ML 3.8 (STR), 3.5 (ZAG), 3.4 (VIE), 3.2 (LDG).
13	23	36	06.8*	45.860	N	26.603	E	120	*		0.6	9	ROMANIA
13	23	36	59.9&	44.272	N	7.512	E	11				22	NORTHERN ITALY. <GEN>. ML 2.2 (GEN), 1.9 (STR), 1.9 (LDG).
13	23	49	52.3*	2.617	S	80.164	W	75	?	4.4	0.9	12	NEAR COAST OF ECUADOR
13	23	54	16.0*	31.735	S	69.516	W	130	G		0.6	10	SAN JUAN PROVINCE, ARGENTINA. MD 3.2 (GUC).
14	00	11	58.1&	15.258	N	61.355	W	4				4	LEEWARD ISLANDS. <TRN>. MD 1.9 (TRN).
14	00	55	58.1*	8.306	S	119.581	E	182	*	5.1	1.2	17	FLORES REGION, INDONESIA
14	01	15	59.2*	5.670	N	126.626	E	87	*	3.9	1.0	15	MINDANAO, PHILIPPINES
14	01	49	50.2	5.477	N	126.998	E	80	*	4.7	1.3	50	MINDANAO, PHILIPPINES
14	02	10	18.1	43.840	N	125.666	W	10	G	3.9	1.0	79	OFF COAST OF OREGON
14	02	37	15.5*	48.171	N	155.087	E	33	N	3.9	0.7	9	KURIL ISLANDS
14	03	41	50.8&	15.206	N	61.069	W	124		3.5		19	LEEWARD ISLANDS. <TRN>. MD 3.5 (FDF), 3.4 (TRN).
14	03	56	19.2*	37.447	N	32.244	W	10	G	3.9	0.9	8	AZORES ISLANDS REGION
14	04	11	16.5	27.573	N	139.717	E	477	D	5.0	0.8	227	BONIN ISLANDS, JAPAN REGION. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 04:11:21.8; Lat 27.17 N; Lon 140.12 E; Dep 478.8; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=6.92, Plg=16, Azm=71; (N) Val=2.57, Plg=2, Azm=341; (P) Val=-9.49, Plg=73, Azm=244; Best double couple: Mo=8.2*10**16 Nm; NP1: Strike=165, Dip=29, Slip=-86; NP2: Strike=340, Dip=61, Slip=-92.
14	04	54	50.2?	20.00	S	177.64	W	500	G	4.0	1.0	10	FIJI ISLANDS REGION
14	05	25	43.5&	16.407	N	94.645	W	77				9	OAXACA, MEXICO. <UNM>. MD 4.0 (UNM).
14	05	26	40.6	12.493	N	142.641	E	33	N	4.8 4.5	1.2	41	SOUTH OF MARIANA ISLANDS
14	06	19	28.4?	15.28	S	175.32	W	200	G	3.8	0.7	22	TONGA ISLANDS
14	06	43	48.5*	11.507	S	165.368	E	33	N	4.0	1.1	8	SANTA CRUZ ISLANDS
14	07	09	05.5?	47.96	N	153.47	E	33	N	3.4	0.5	7	KURIL ISLANDS
14	07	19	00.9?	67.70	N	163.86	W	10	G		0.5	6	NORTHERN ALASKA
14	07	22	53.8&	44.607	N	7.245	E	11				7	NORTHERN ITALY. <GEN>. ML 2.4 (GEN).
14	08	07	48.2	57.421	N	154.204	W	51		4.2	0.7	54	KODIAK ISLAND REGION, ALASKA. ML 3.8 (PMR), 3.7 (AEIC).
14	08	24	42.8?	21.63	S	68.75	E	10	G	4.3	1.2	7	MID-INDIAN RIDGE
14	08	56	39.0&	36.680	S	177.380	E	12				7	OFF E. COAST OF N. ISLAND, N.Z. <WEL>. ML 4.5 (WEL).
14	08	58	09.6*	12.511	N	142.696	E	79	*	4.7	0.7	23	SOUTH OF MARIANA ISLANDS
14	09	00	18.9	17.894	N	103.003	W	33	N	4.8 4.5	1.0	128	NEAR COAST OF MICHOACAN, MEXICO. MD 4.6 (UNM).
14	09	06	44.4&	17.953	N	103.099	W	8	G			14	NEAR COAST OF MICHOACAN, MEXICO. <UNM>. MD 4.5 (UNM).
14	09	20	38.2*	18.031	N	103.239	W	33	N		1.0	15	NEAR COAST OF MICHOACAN, MEXICO. MD 4.4 (UNM).
14	09	46	37.3&	57.452	N	156.602	W	104				48	ALASKA PENINSULA. <AEIC>.
14	10	37	12.9	14.097	S	167.224	E	208	D	4.4	1.0	91	VANUATU ISLANDS
14	10	47	43.2	1.420	S	123.354	E	33	N	5.6 5.2	1.1	210	SULAWESI, INDONESIA. Mw 5.6 (GS), 5.6 (HRV). Moment Tensor (GS): Dep 13; Principal axes (scale 10**17 Nm): (T) Val=2.73, Plg=63, Azm=202; (N) Val=0.01, Plg=19, Azm=336; (P) Val=-2.73, Plg=17, Azm=73; Best double couple: Mo=2.7*10**17 Nm; NP1: Strike=190, Dip=32, Slip=128; NP2: Strike=327, Dip=65, Slip=69. Centroid, Moment Tensor (HRV): Centroid origin time 10:47:47.4; Lat 1.37 S; Lon 123.60 E; Dep 41.7; Half-duration 1.6 sec; Principal axes (scale 10**17 Nm): (T) Val=2.38, Plg=55, Azm=190; (N) Val=0.45, Plg=34, Azm=1; (P) Val=-2.83, Plg=4, Azm=94; Best double couple: Mo=2.6*10**17 Nm; NP1: Strike=215, Dip=51, Slip=137; NP2: Strike=336, Dip=58, Slip=48.
14	11	16	04.4&	41.185	N	34.413	E	10		3.6		10	TURKEY. <ISK>. MD 3.6 (ISK).
14	11	32	40.0*	1.525	S	123.317	E	77	?	4.8	1.4	25	SULAWESI, INDONESIA
14	12	06	35.5&	62.910	N	150.530	W	97				55	CENTRAL ALASKA. <AEIC>.
14	12	39	40.0*	23.258	S	112.984	E	10	G	4.3	1.1	12	WESTERN AUSTRALIA. ML 4.7 (AUST).
14	12	58	35.7*	9.128	S	110.402	E	58	*	4.7	1.2	32	SOUTH OF JAWA, INDONESIA
14	13	10	21.5	6.712	S	129.300	E	227	D	5.4	0.9	185	BANDA SEA. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 13:10:31.7; Lat 6.14 S; Lon 129.70 E; Dep 243.6; Half-duration 1.3 sec; Principal axes (scale 10**17 Nm): (T) Val=1.13, Plg=34, Azm=28; (N) Val=0.07, Plg=48, Azm=250; (P) Val=-1.20, Plg=22, Azm=134; Best double couple: Mo=1.2*10**17 Nm; NP1: Strike=175, Dip=49, Slip=10; NP2: Strike=79, Dip=82, Slip=138.
14	13	16	38.7*	23.982	S	66.608	W	214	*	3.9	0.2	6	JUJUY PROVINCE, ARGENTINA
14	13	16	56.1	46.512	N	10.352	E	10	G		0.8	10	NORTHERN ITALY. ML 1.9 (VIE).
14	13	39	35.7&	37.952	N	2.418	W	3				18	SPAIN. <MDD>. mbLg 2.4 (MDD).
14	15	18	12.4&	44.552	N	6.814	E	1				6	FRANCE. <GEN>. ML 2.0 (GEN).
14	15	24	39.2	14.168	N	92.797	W	50		4.4 4.4	0.8	93	NEAR COAST OF CHIAPAS, MEXICO. MD 4.6 (UNM).
14	15	36	36.4*	2.961	S	134.536	E	33	N	4.4 4.5	1.2	18	IRIAN JAYA REGION, INDONESIA
14	15	38	18.6*	20.248	S	177.915	W	550	G	3.8	1.2	17	FIJI ISLANDS REGION
14	15	40	07.3&	43.777	N	7.647	E	2				25	NEAR SOUTH COAST OF FRANCE. <GEN>. ML 2.3 (GEN), 2.1 (LDG), 2.1 (STR).
14	15	48	29.7&	11.588	N	60.086	W	22				4	WINDWARD ISLANDS. <TRN>. MD 3.4 (TRN).
14	15	48	54.0	48.962	N	129.915	E	33	N	4.2	1.1	34	E. RUSSIA-N.E. CHINA BORDER REG. Felt (IV) at Kuldur and Obluchye, Russia.
14	15	58	55.1	15.410	S	67.237	E	10	G	4.7 4.2	0.7	42	MID-INDIAN RIDGE
14	16	06	40.1*	15.349	S	67.324	E	10	G	4.9 4.5	1.1	37	MID-INDIAN RIDGE
14	16	10	50.7	13.875	N	61.052	W	10	G		0.2	10	WINDWARD ISLANDS. MD 3.2 (TRN). Felt on St. Lucia.
14	16	15	31.2*	15.236	S	67.232	E	10	G	4.9	1.4	16	MID-INDIAN RIDGE
14	16	43	18.4	1.278	N	123.385	E	33	N	4.8	1.2	54	MINAHASSA PENINSULA, SULAWESI
14	16	52	56.0&	49.970	N	130.160	W	10	G	3.6		37	VANCOUVER ISLAND, CANADA REGION. <PGC-P>. ML 3.7 (PGC).
14	17	18	24.0	28.135	N	91.682	E	33	N	4.7 4.1	0.8	76	XIZANG
14	18	28	36.8	13.878	N	61.032	W	10	G		0.4	7	WINDWARD ISLANDS. MD 2.9 (TRN), 2.6 (FDF). Felt on St. Lucia.
14	18	31	37.0?	16.31	S	174.38	W	33	N	4.0	0.5	7	TONGA ISLANDS
14	18	55	37.2&	18.445	N	67.954	W	1				4	MONA PASSAGE. <RSPR>. ML 3.3 (RSPR).

14	19	05	58.4&	31.996	S	70.447	W	116				9	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.6 (GUC).
14	19	13	11.7	50.230	N	19.174	E	5	G		1.2	11	POLAND. ML 3.1 (VIE).
14	19	23	03.1&	39.250	S	175.370	E	11				7	NORTH ISLAND, NEW ZEALAND. <WEL>. ML 3.2 (WEL).
14	19	32	06.1*	38.090	N	89.709	E	33	N	3.8	1.1	9	SOUTHERN XINJIANG, CHINA
14	19	47	11.9*	51.524	N	16.172	E	5	G		0.6	8	POLAND. ML 3.2 (VIE).
14	19	59	14.8*	17.948	S	69.043	W	114	?	3.5	0.4	8	PERU-BOLIVIA BORDER REGION
14	20	01	16.0&	49.950	N	130.180	W	10	G	4.4		126	VANCOUVER ISLAND, CANADA REGION. <PGC-P>. ML 3.7 (PGC).
14	20	08	34.3	4.296	S	123.164	E	33	N	5.9 5.9	1.1	244	BANDA SEA. Mw 6.3 (HRV), 6.2 (GS). Me 5.9 (GS). Some buildings damaged at Kendari, Indonesia. Broadband Source Parameters (GS): Dep 14; NP1: Strike=225, Dip=25, Slip=120; NP2: Strike=13, Dip=69, Slip=77; Radiated energy 1.8*10**13 Nm. Moment Tensor (GS): Dep 19; Principal axes (scale 10**18 Nm): (T) Val=2.10, Plg=58, Azm=236; (N) Val=-0.04, Plg=24, Azm=13; (P) Val=-2.06, Plg=19, Azm=112; Best double couple: Mo=2.1*10**18 Nm; NP1: Strike=236, Dip=33, Slip=138; NP2: Strike=3, Dip=68, Slip=64. Centroid, Moment Tensor (HRV): Centroid origin time 20:08:40.8; Lat 4.31 S; Lon 123.56 E; Dep 16.0 Bdy; Half-duration 3.4 sec; Principal axes (scale 10**18 Nm): (T) Val=2.56, Plg=65, Azm=251; (N) Val=0.57, Plg=18, Azm=25; (P) Val=-3.13, Plg=17, Azm=120; Best double couple: Mo=2.8*10**18 Nm; NP1: Strike=235, Dip=32, Slip=125; NP2: Strike=16, Dip=64, Slip=70.
14	20	49	24.0	4.285	S	123.304	E	33	N	4.7	1.3	23	BANDA SEA
14	20	52	04.7*	4.472	S	123.093	E	33	N	4.7	0.9	11	BANDA SEA
14	20	56	06.5*	24.102	S	66.830	W	198	*	3.8	0.9	11	SALTA PROVINCE, ARGENTINA
14	20	56	37.9*	4.230	S	123.407	E	33	N		1.0	5	BANDA SEA
14	21	01	06.5	4.359	S	123.274	E	33	N	4.7	1.1	22	BANDA SEA
14	21	38	19.2*	16.587	S	72.162	W	81	*		0.6	7	NEAR COAST OF PERU
14	21	42	52.7*	1.331	S	123.368	E	33	N	4.4	1.4	11	SULAWESI, INDONESIA
14	21	48	45.3?	15.78	S	173.24	E	33	N	4.9	1.1	26	FIJI ISLANDS REGION
14	22	16	45.1&	38.092	N	0.302	E	16				12	SPAIN. <MDD>. mbLg 2.5 (MDD).
14	22	19	28.0	37.930	N	32.335	E	33	N	3.8	0.6	13	TURKEY. Felt at Ilgin.
14	22	39	10.0&	49.970	N	130.180	W	10	G			9	VANCOUVER ISLAND, CANADA REGION. <PGC-P>. ML 2.9 (PGC).
14	22	52	34.2?	44.26	N	9.60	E	10	G		0.2	6	NORTHERN ITALY. ML 2.0 (LDG).
15	00	33	09.0&	49.980	N	130.140	W	10	G			6	VANCOUVER ISLAND, CANADA REGION. <PGC-P>. ML 2.9 (PGC).
15	01	50	27.3&	47.420	N	6.413	E	13				5	FRANCE. <LDG>. ML 1.8 (LDG).
15	01	52	00.0*	4.183	S	123.365	E	33	N	4.4	1.3	10	BANDA SEA
15	01	54	42.6*	4.148	S	142.803	E	125	*	4.6	0.9	12	NEW GUINEA, PAPUA NEW GUINEA
15	02	01	16.3	36.016	N	70.711	E	102	?		0.6	9	HINDU KUSH REGION, AFGHANISTAN
15	02	20	57.3	3.413	S	152.095	E	355		5.1	0.8	341	NEW IRELAND REGION, P.N.G. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 02:21:01.6; Lat 3.25 S; Lon 152.44 E; Dep 359.2; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=1.31, Plg=6, Azm=297; (N) Val=0.08, Plg=14, Azm=29; (P) Val=-1.39, Plg=75, Azm=184; Best double couple: Mo=1.4*10**17 Nm; NP1: Strike=12, Dip=41, Slip=-111; NP2: Strike=219, Dip=52, Slip=-73.
15	02	22	12.0&	41.799	N	8.327	W	4				10	PORTUGAL. <MDD>. mbLg 2.8 (MDD). Felt (II) at Nieves, Spain.
15	03	28	30.3*	22.304	N	146.040	E	33	N	3.7	0.9	15	NORTH PACIFIC OCEAN
15	03	49	52.0&	49.990	N	130.230	W	10	G	4.2		36	VANCOUVER ISLAND, CANADA REGION. <PGC-P>. ML 3.3 (PGC).
15	04	20	24.1&	17.303	N	95.561	W	108				6	OAXACA, MEXICO. <UNM>. MD 4.1 (UNM).
15	04	48	46.7&	17.994	N	67.135	W	14				6	MONA PASSAGE. <RSPR>. ML 3.1 (RSPR).
15	04	51	55.1&	58.643	N	155.116	W	140				25	ALASKA PENINSULA. <AEIC>.
15	04	58	14.7	4.384	S	123.248	E	33	N	4.7	0.9	15	BANDA SEA
15	05	07	08.1&	37.130	S	176.860	E	328				12	NORTH ISLAND, NEW ZEALAND. <WEL>.
15	05	12	53.0&	50.000	N	130.210	W	10	G	4.5		94	VANCOUVER ISLAND, CANADA REGION. <PGC-P>. ML 3.6 (PGC).
15	05	20	06.1&	18.242	N	66.350	W	36				8	PUERTO RICO REGION. <RSPR>. MD 3.5 (RSPR).
15	05	24	37.0&	49.990	N	130.220	W	10	G	3.4		10	VANCOUVER ISLAND, CANADA REGION. <PGC-P>. ML 3.1 (PGC).
15	05	46	07.6?	14.64	S	176.33	W	300	G	4.3	1.2	16	FIJI ISLANDS REGION
15	05	46	23.8	37.462	N	72.055	E	135	*	4.3	1.1	41	TAJIKISTAN
15	05	58	13.0&	49.990	N	130.140	W	10	G	4.8 4.6		268	VANCOUVER ISLAND, CANADA REGION. <PGC-P>. Mw 5.2 (HRV). ML 4.3 (PGC). Centroid, Moment Tensor (HRV): Centroid origin time 05:58:18.2; Lat 49.85 N; Lon 130.26 W; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=8.45, Plg=14, Azm=268; (N) Val=-0.32, Plg=65, Azm=31; (P) Val=-8.13, Plg=20, Azm=173; Best double couple: Mo=8.3*10**16 Nm; NP1: Strike=312, Dip=65, Slip=-175; NP2: Strike=220, Dip=86, Slip=-25.
15	06	39	28.9*	4.411	S	123.183	E	33	N		1.1	8	BANDA SEA
15	06	50	35.7&	33.770	S	70.861	W	72				12	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.6 (GUC).
15	07	06	00.0&	50.050	N	130.170	W	10	G	3.9		9	VANCOUVER ISLAND, CANADA REGION. <PGC-P>. ML 3.6 (PGC).
15	07	11	42.0&	49.940	N	130.330	W	10	G	5.1 5.0		268	VANCOUVER ISLAND, CANADA REGION. <PGC-P>. Mw 5.5 (HRV). ML 4.6 (PGC). Centroid, Moment Tensor (HRV): Centroid origin time 07:11:48.3; Lat 50.11 N; Lon 130.28 W; Dep 15.0 Fix; Half-duration 1.4 sec; Principal axes (scale 10**17 Nm): (T) Val=1.92, Plg=6, Azm=292; (N) Val=-0.18, Plg=73, Azm=43; (P) Val=-1.74, Plg=15, Azm=201; Best double couple: Mo=1.8*10**17 Nm; NP1: Strike=337, Dip=75, Slip=-173; NP2: Strike=246, Dip=83, Slip=-15.
15	07	17	02.0*	20.816	S	178.545	W	600	G	4.6	0.9	20	FIJI ISLANDS REGION
15	07	23	48.0&	50.070	N	130.240	W	10	G			5	VANCOUVER ISLAND, CANADA REGION. <PGC-P>. ML 3.4 (PGC).
15	07	26	10.3	17.146	N	100.614	W	50		4.2	1.1	64	GUERRERO, MEXICO. MD 4.6 (UNM).
15	07	34	22.8*	7.301	S	143.973	E	33	N	4.0	0.9	7	NEAR S COAST OF NEW GUINEA, PNG.
15	07	49	39.0&	50.030	N	130.210	W	10	G			12	VANCOUVER ISLAND, CANADA REGION. <PGC-P>. ML 3.5 (PGC).
15	07	53	18.0&	50.050	N	130.210	W	10	G			4	VANCOUVER ISLAND, CANADA REGION. <PGC-P>. ML 3.2 (PGC).
15	08	13	17.0	12.403	N	142.495	E	33	N	4.8 4.6	1.1	58	SOUTH OF MARIANA ISLANDS
15	08	25	14.5&	17.187	N	100.785	W	6				10	GUERRERO, MEXICO. <UNM>. MD 4.1 (UNM).
15	08	33	04.7*	5.618	N	36.228	E	33	N	4.5 4.3	1.0	10	ETHIOPIA
15	09	04	02.5&	20.599	N	99.439	W	3	G			9	CENTRAL MEXICO. <UNM>. MD 3.5 (UNM).

15	09	04	48.0&	50.070	N	130.270	W	10	G			5	VANCOUVER ISLAND, CANADA REGION. <PGC-P>. ML 3.1 (PGC).
15	09	38	41.1&	34.042	S	68.520	W	17				8	MENDOZA PROVINCE, ARGENTINA. <GUC>. MD 3.4 (GUC).
15	09	40	47.0&	50.000	N	130.180	W	10	G			9	VANCOUVER ISLAND, CANADA REGION. <PGC-P>. ML 3.3 (PGC).
15	09	43	36.4	45.680	N	142.160	E	33	N	4.8 3.9	0.8	100	HOKKAIDO, JAPAN REGION. Felt (III) in the southern part of Sakhalin Island, Russia. Recorded (1 JMA) in northern Hokkaido.
15	09	56	31.0&	50.010	N	130.270	W	10	G	3.0		9	VANCOUVER ISLAND, CANADA REGION. <PGC-P>. ML 2.8 (PGC).
15	10	10	52.0&	49.980	N	130.220	W	10	G			8	VANCOUVER ISLAND, CANADA REGION. <PGC-P>. ML 2.9 (PGC).
15	10	41	04.5&	35.771	N	3.793	W	0	G			14	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.9 (MDD).
15	10	47	10.6*	13.203	N	91.091	W	33	N	4.3	1.0	50	NEAR COAST OF GUATEMALA. MD 4.2 (UNM).
15	10	48	44.7?	20.38	S	178.78	W	600	G	4.0	0.8	12	FIJI ISLANDS REGION
15	11	16	35.3&	63.273	N	151.125	W	10	G			10	CENTRAL ALASKA. <AEIC>. ML 2.3 (AEIC), 2.7 (PMR).
15	11	24	46.0	20.012	S	68.875	W	112	D	4.7	1.1	68	CHILE-BOLIVIA BORDER REGION. Felt (IV) at Huara, Iquique, Macaya, Pica, Poroma and Pozo Almonte, Chile.
15	12	38	19.4&	33.197	S	70.215	W	108				10	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 4.1 (GUC).
15	12	56	36.6&	57.752	N	154.874	W	60				33	KODIAK ISLAND REGION, ALASKA. <AEIC>. ML 2.5 (AEIC).
15	13	52	22.0&	50.030	N	130.120	W	10	G			8	VANCOUVER ISLAND, CANADA REGION. <PGC-P>. ML 3.0 (PGC).
15	13	57	06.0&	49.990	N	130.130	W	10	G			7	VANCOUVER ISLAND, CANADA REGION. <PGC-P>. ML 2.7 (PGC).
15	14	12	53.8&	59.858	N	153.305	W	136		3.5		58	*SOUTHERN* ALASKA. <AEIC>.
15	14	28	02.5	6.940	S	127.179	E	407		4.6	0.8	76	BANDA SEA
15	14	39	56.0*	20.818	S	178.665	W	600	G	4.4	1.0	23	FIJI ISLANDS REGION
15	15	05	33.8	35.233	N	84.874	W	5	G		0.5	14	TENNESSEE. mbLg 2.5 (GS). Felt at Cleveland.
15	16	00	55.1	1.124	S	123.540	E	33	N	4.4	1.1	13	SULAWESI, INDONESIA
15	16	10	09.4&	39.120	S	175.040	E	245				8	NORTH ISLAND, NEW ZEALAND. <WEL>.
15	16	18	47.4	23.987	S	66.813	W	191	*	4.5	1.1	14	JUJUY PROVINCE, ARGENTINA
15	16	29	53.3*	39.274	N	140.596	E	168	?	4.3	0.6	10	EASTERN HONSHU, JAPAN
15	17	20	52.0&	49.990	N	130.200	W	10	G			8	VANCOUVER ISLAND, CANADA REGION. <PGC-P>. ML 2.9 (PGC).
15	17	26	35.0&	15.294	N	61.329	W	7				6	LEEWARD ISLANDS. <FDF>. MD 2.3 (FDF).
15	17	47	09.7&	34.358	N	32.015	E	25				7	CYPRUS REGION. <CSS>. ML 3.1 (CSS).
15	18	58	09.3	4.021	N	128.066	E	177	*	4.7	1.0	47	NORTH OF HALMAHERA, INDONESIA
15	18	59	57.1	12.359	N	142.525	E	33	N	4.8	1.1	28	SOUTH OF MARIANA ISLANDS
15	19	09	27.8	35.128	N	135.396	E	33	N	4.5 4.1	1.1	41	WESTERN HONSHU, JAPAN. Recorded (3 JMA) in eastern Hyogo; (2 JMA) in Kyoto, Nara and Osaka Prefectures; (1 JMA) from Gifu to Okayama Prefectures.
15	19	34	23.2*	17.597	S	179.105	W	600	G	4.6	0.6	17	FIJI ISLANDS REGION
15	20	46	21.5*	46.252	N	12.569	E	5	G		1.3	7	NORTHERN ITALY. ML 2.1 (VIE).
15	21	10	45.4	13.531	N	121.579	E	10	G		1.0	13	MINDORO, PHILIPPINES
15	22	35	03.6	22.819	N	143.152	E	89	*	4.9	1.1	74	VOLCANO ISLANDS, JAPAN REGION. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 22:35:03.4; Lat 22.40 N; Lon 143.14 E; Dep 120.9; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=7.11, Plg=42, Azm=224; (N) Val=-1.26, Plg=11, Azm=124; (P) Val=-5.85, Plg=46, Azm=23; Best double couple: Mo=6.5*10**16 Nm; NP1: Strike=25, Dip=11, Slip=-9; NP2: Strike=124, Dip=88, Slip=-101.
15	22	50	08.3&	40.097	N	3.277	W	0	G			7	SPAIN. <MDD>. mbLg 1.9 (MDD).
15	22	58	04.9*	0.910	S	78.859	W	33	N	4.5	1.2	20	ECUADOR
15	23	07	32.0&	60.298	N	153.028	W	127				27	SOUTHERN ALASKA. <AEIC>.
16	00	00	09.8*	29.460	N	51.756	E	33	N	3.9	1.2	16	SOUTHERN IRAN
16	00	11	24.0&	61.545	N	149.984	W	53				59	SOUTHERN ALASKA. <AEIC>. ML 2.9 (AEIC), 3.2 (PMR).
16	00	15	13.1*	49.040	S	123.728	E	10	G	5.0 4.7	1.3	50	WESTERN INDIAN-ANTARCTIC RIDGE. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 00:15:16.2; Lat 48.94 S; Lon 123.54 E; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=6.23, Plg=3, Azm=181; (N) Val=0.65, Plg=10, Azm=90; (P) Val=-6.87, Plg=80, Azm=289; Best double couple: Mo=6.6*10**16 Nm; NP1: Strike=281, Dip=43, Slip=-76; NP2: Strike=81, Dip=49, Slip=-103.
16	01	48	44.1*	46.431	N	15.109	E	10	G		1.2	5	NORTHWESTERN BALKAN REGION. ML 1.6 (VIE), 1.0 (LJU).
16	02	00	21.1	51.347	N	15.779	E	5	G		1.0	12	POLAND. ML 3.2 (VIE), 2.7 (FUR).
16	03	28	00.7	36.524	N	70.758	E	226	D	4.4	1.2	22	HINDU KUSH REGION, AFGHANISTAN
16	04	28	56.7	48.023	N	154.980	E	61	*		1.1	11	KURIL ISLANDS
16	04	38	03.5*	51.534	N	16.347	E	5	G		0.5	8	POLAND. ML 3.3 (VIE).
16	05	08	01.0&	37.515	N	3.720	W	23				18	SPAIN. <MDD>. mbLg 2.8 (MDD).
16	05	43	20.0?	12.94	N	90.25	W	33	N	4.1	1.4	13	OFF COAST OF CENTRAL AMERICA
16	06	11	24.8&	42.110	N	7.892	W	18				5	SPAIN. <MDD>. mbLg 2.6 (MDD).
16	06	48	17.8&	43.965	N	8.491	E	3				14	CORSICA, FRANCE. <GEN>. ML 2.4 (GEN), 2.1 (STR).
16	06	59	12.2&	43.964	N	8.471	E	5				9	CORSICA, FRANCE. <GEN>. ML 2.2 (GEN).
16	07	03	26.0	40.044	S	174.670	E	111		4.4	1.2	47	COOK STRAIT, NEW ZEALAND
16	07	39	40.9&	41.490	S	173.490	E	102				14	SOUTH ISLAND, NEW ZEALAND. <WEL>.
16	08	19	02.0*	11.846	N	86.675	W	81	*	3.8	1.4	20	NEAR COAST OF NICARAGUA. MD 4.2 (CASC).
16	08	21	25.0&	39.622	N	29.469	E	19				5	TURKEY. <ISK>. MD 2.6 (ISK).
16	08	31	53.4&	39.624	N	29.473	E	1				6	TURKEY. <ISK>. MD 2.8 (ISK).
16	08	51	29.6*	8.170	S	119.959	E	192	*	4.4	1.1	26	FLORES REGION, INDONESIA
16	08	56	05.2&	36.325	N	118.061	W	2				17	CENTRAL CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
16	09	08	48.7*	44.430	N	11.447	E	10	G		1.1	11	NORTHERN ITALY. ML 2.8 (LDG), 2.8 (VIE).
16	09	18	16.9*	2.929	S	134.471	E	33	N	3.7	1.0	10	IRIAN JAYA REGION, INDONESIA
16	09	26	52.6	24.513	S	176.637	W	184	?	4.6	1.0	85	SOUTH OF FIJI ISLANDS
16	09	37	33.6*	8.587	S	118.427	E	124	*	4.4	0.7	12	SUMBAWA REGION, INDONESIA
16	10	40	25.2	36.427	N	140.605	E	63		4.8	0.9	143	NEAR EAST COAST OF HONSHU, JAPAN. Recorded (3 JMA) in Ibaraki, southeastern Gumma, northern Saitama and southern Tochigi Prefectures. Recorded (2 JMA) in much of east-central Honshu.
16	11	10	16.7*	52.223	N	171.301	W	33	N		1.3	10	FOX ISLANDS, ALEUTIAN ISLANDS
16	11	11	25.4	46.423	N	15.107	E	10	G		1.0	7	NORTHWESTERN BALKAN REGION. ML 1.9 (VIE).
16	11	15	19.6*	5.612	N	125.211	E	61	*	4.3	1.0	17	MINDANAO, PHILIPPINES
16	13	51	58.7&	36.324	N	118.058	W	1				10	CENTRAL CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
16	13	52	45.5	36.497	N	10.901	W	10	G	4.0	1.1	77	AZORES-CAPE ST. VINCENT RIDGE. mbLg 4.0 (MDD).
16	14	01	07.5*	22.191	N	143.342	E	200	G	4.5	0.6	10	VOLCANO ISLANDS, JAPAN REGION
16	14	30	56.5	27.361	N	139.969	E	385	D	4.7	0.9	123	BONIN ISLANDS, JAPAN REGION
16	16	44	11.4	44.695	N	28.280	W	10	G	4.6 4.6	1.1	103	NORTHERN MID-ATLANTIC RIDGE
16	19	10	04.1*	40.116	N	66.917	E	33	N	4.3	0.7	11	SOUTHEASTERN UZBEKISTAN
16	20	08	49.1*	21.695	N	142.968	E	327	?	4.5	0.8	39	MARIANA ISLANDS REGION

16	20	16	16.2	1.296	S	123.467	E	66 *	4.9	1.4	60	SULAWESI, INDONESIA. Mw 5.1 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 20:16:15.7; Lat 1.29 S; Lon 123.57 E; Dep 54.6; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=5.52, Plg=15, Azm=180; (N) Val=0.44, Plg=66, Azm=307; (P) Val=-5.95, Plg=18, Azm=85; Best double couple: Mo=5.7*10**16 Nm; NP1: Strike=223, Dip=67, Slip=-178; NP2: Strike=132, Dip=88, Slip=-23.
16	20	45	53.6&	34.684	N	116.306	W	4			12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS).
16	20	47	51.9*	10.091	N	41.233	E	10 G	4.4	1.4	14	ETHIOPIA
16	21	38	01.0	7.165	S	148.606	E	61 *	4.7 4.4	0.8	55	EASTERN NEW GUINEA REG., P.N.G.
16	23	56	11.1&	11.178	N	61.852	W	10			5	WINDWARD ISLANDS. <TRN>. MD 2.5 (TRN).
17	00	39	05.7*	44.098	N	10.355	E	10 G		1.0	9	NORTHERN ITALY. ML 2.4 (LDG).
17	01	41	29.7&	60.246	N	151.922	W	68			31	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.5 (AEIC), 3.1 (PMR).
17	01	43	11.4&	62.400	N	151.207	W	79			11	CENTRAL ALASKA. <AEIC>.
17	02	22	00.9	3.829	S	151.450	E	33 N	5.1 4.9	1.2	53	NEW IRELAND REGION, P.N.G. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 02:21:59.9; Lat 4.41 S; Lon 151.54 E; Dep 24.5; Half-duration 1.3 sec; Principal axes (scale 10**17 Nm): (T) Val=1.51, Plg=26, Azm=351; (N) Val=-0.06, Plg=58, Azm=207; (P) Val=-1.45, Plg=16, Azm=89; Best double couple: Mo=1.5*10**17 Nm; NP1: Strike=132, Dip=59, Slip=8; NP2: Strike=38, Dip=83, Slip=149.
17	03	04	12.1	32.083	N	131.958	E	69 *	3.9	0.8	11	KYUSHU, JAPAN. Recorded (1 JMA) in northern Miyazaki and southeastern Oita Prefectures.
17	03	25	48.7	24.223	N	121.058	E	10 G	5.4 5.3	1.0	186	TAIWAN. Mw 5.4 (HRV). At least three people killed, 13 injured and landslides in Tai-chung County. Felt as far as Taipei. Recorded (4 TAP) in eastern Tai-chung County; (3 TAP) at Chang-hua and Tai-chung; (2 TAP) at Hua-lien and Miao-li. Also recorded (1 TAP) throughout central and northern Taiwan. Centroid, Moment Tensor (HRV): Centroid origin time 03:25:52.0; Lat 24.39 N; Lon 120.68 E; Dep 15.0 Bdy; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=1.64, Plg=6, Azm=215; (N) Val=-0.08, Plg=81, Azm=82; (P) Val=-1.57, Plg=6, Azm=306; Best double couple: Mo=1.6*10**17 Nm; NP1: Strike=351, Dip=81, Slip=0; NP2: Strike=81, Dip=90, Slip=-171.
17	03	27	21.3	24.196	N	121.102	E	10 G	5.1	1.1	52	TAIWAN. Recorded (3 TAP) in eastern Tai-chung County; (2 TAP) at Chang-hua and Tai-chung. Recorded (1 TAP) throughout central and northern Taiwan.
17	04	05	17.0*	46.446	N	15.140	E	10 G		1.3	5	NORTHWESTERN BALKAN REGION. ML 1.7 (VIE).
17	04	08	34.3?	52.18	N	170.90	W	33 N		0.7	9	FOX ISLANDS, ALEUTIAN ISLANDS
17	04	13	03.3&	37.573	N	1.632	W	0 G			6	SPAIN. <MDD>. mbLg 1.8 (MDD).
17	04	15	45.5&	24.240	N	121.060	E	40			6	TAIWAN. <TAP>. Recorded (2 TAP) in eastern Tai-chung County and (1 TAP) at Chang-hua and Tai-chung.
17	05	26	27.0	7.453	S	127.578	E	100	4.9	0.9	88	BANDA SEA
17	05	40	41.1	46.666	N	10.265	E	10 G		1.3	33	NORTHERN ITALY. ML 2.9 (LDG), 2.9 (STR), 2.8 (GRF), 2.6 (VIE).
17	06	37	22.5	20.573	S	178.312	W	564 *	4.5	0.9	75	FIJI ISLANDS REGION
17	07	18	22.8	46.412	N	15.113	E	10 G		1.0	8	NORTHWESTERN BALKAN REGION. ML 1.9 (VIE).
17	07	32	39.1?	40.27	N	127.65	W	10 G		0.6	8	OFF COAST OF NORTHERN CALIFORNIA
17	07	46	23.7*	1.081	S	123.628	E	33 N	4.7	1.4	20	SULAWESI, INDONESIA
17	08	09	24.1*	1.315	S	24.065	W	10 G	4.4	0.9	11	CENTRAL MID-ATLANTIC RIDGE
17	08	23	36.7	6.856	S	149.954	E	33 N	4.8	1.1	36	NEW BRITAIN REGION, P.N.G.
17	08	32	55.0	9.678	S	78.529	W	52 D	4.6	0.8	38	NEAR COAST OF NORTHERN PERU. Felt (III) at Casma and Huarmey; (II) at Chimbote.
17	08	38	36.5?	6.98	N	124.41	E	397 *	4.0	1.1	13	MINDANAO, PHILIPPINES
17	09	10	07.1*	38.222	S	177.414	E	167	4.3	0.9	27	NORTH ISLAND, NEW ZEALAND. Felt at Wellington.
17	09	28	38.3&	36.326	N	118.046	W	0			21	CENTRAL CALIFORNIA. <PAS-P>. ML 3.4 (PAS).
17	09	46	22.5	10.918	N	123.856	E	33 N	4.9 4.1	1.2	51	CEBU, PHILIPPINES
17	10	12	34.2&	36.330	N	118.046	W	0			14	CENTRAL CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
17	10	22	47.4*	0.231	S	18.278	W	10 G	4.5	0.8	16	CENTRAL MID-ATLANTIC RIDGE
17	11	30	13.0&	61.030	N	146.473	W	15			28	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
17	12	08	32.5	49.279	N	105.229	E	10 G	4.5	1.2	37	MONGOLIA
17	12	29	40.1&	62.959	N	148.167	W	63			45	CENTRAL ALASKA. <AEIC>. ML 2.8 (AEIC), 3.1 (PMR).
17	12	37	38.8?	31.60	S	72.12	W	33 N		0.9	16	OFF COAST OF CENTRAL CHILE. MD 4.4 (GUC).
17	13	22	41.5&	36.324	N	118.041	W	6 G			10	CENTRAL CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
17	14	46	13.7&	61.879	N	150.608	W	69			41	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC), 3.0 (PMR).
17	17	37	03.9&	36.325	N	118.046	W	1			27	CENTRAL CALIFORNIA. <PAS-P>. ML 3.5 (PAS).
17	17	54	12.7*	35.405	S	69.996	W	157	3.9	0.8	24	MENDOZA PROVINCE, ARGENTINA. MD 3.6 (GUC).
17	18	12	44.9	22.762	N	121.524	E	33 N	4.2	1.0	26	TAIWAN REGION. Recorded (3 TAP) in northeastern Tai-tung County and (2 TAP) at Tai-tung.
17	18	40	28.0	49.343	N	105.217	E	33 N	4.2	1.3	20	MONGOLIA
17	20	12	44.3	5.515	N	124.493	E	414	4.1	1.0	32	MINDANAO, PHILIPPINES
17	21	22	21.0&	44.447	N	6.921	E	10			7	FRANCE. <GEN>. ML 1.8 (GEN).
17	22	21	33.1	46.071	N	14.770	E	10 G		0.3	8	NORTHWESTERN BALKAN REGION. ML 2.2 (VIE), 1.7 (LJU).
17	22	29	06.6&	40.498	N	124.285	W	20			5	NEAR COAST OF NORTHERN CALIF. <NC-P>. MD 2.9 (NC).
17	22	32	07.6&	39.392	N	123.067	W	7	4.3		52	NEAR COAST OF NORTHERN CALIF. <NC-P>. Mw 4.5 (BRK). ML 4.2 (NC), 4.2 (BRK). Felt (IV) at Potter Valley; (III) at Redwood Valley and Willits; (II) at Ukiah. Moment Tensor (BRK): Dep 11; Principal axes (scale 10**15 Nm): (T) Val=5.99, Plg=17, Azm=100; (N) Val=0.00, Plg=64, Azm=230; (P) Val=-5.99, Plg=19, Azm=4; Best double couple: Mo=6.0*10**15 Nm; NP1: Strike=52, Dip=89, Slip=-26; NP2: Strike=142, Dip=64, Slip=-179.
17	23	32	48.0*	5.964	N	126.033	E	86 *	4.2	1.2	21	MINDANAO, PHILIPPINES
18	00	50	59.9&	35.951	S	71.173	W	120			8	CENTRAL CHILE. <GUC>. MD 3.1 (GUC).
18	02	08	50.9&	39.394	N	123.058	W	0			13	NEAR COAST OF NORTHERN CALIF. <NC-P>. MD 2.8 (NC).
18	02	18	09.6&	59.031	N	151.140	W	43			27	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.5 (AEIC).
18	02	45	49.2	40.907	N	15.174	E	10 G	3.7	1.4	28	SOUTHERN ITALY. ML 3.6 (LDG).
18	02	58	34.7&	31.694	S	71.897	W	32			11	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.2 (GUC).
18	04	09	06.3&	33.518	S	70.852	W	73			10	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.6 (GUC).

18	04	17	33.8	16.278	S	174.138	W	105	D	4.4	0.7	40	TONGA ISLANDS
18	05	15	53.9*	9.320	S	75.525	W	100	G		0.6	11	CENTRAL PERU
18	05	32	21.4*	25.573	N	124.900	E	100	G	3.7	0.8	7	NORTHEAST OF TAIWAN
18	06	03	54.1*	15.518	N	90.881	W	33	N		1.3	7	GUATEMALA. MD 4.0 (UNM).
18	06	06	26.8&	31.714	S	71.926	W	34				10	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.0 (GUC).
18	06	14	38.0&	36.915	N	4.166	W	57				12	STRAIT OF GIBRALTAR. <MDD>.
18	06	52	21.3*	27.516	N	130.221	E	33	N		0.6	5	RYUKYU ISLANDS, JAPAN
18	07	31	59.1&	15.268	N	61.358	W	5				4	LEEWARD ISLANDS. <TRN>. MD 2.2 (TRN).
18	08	05	19.9&	11.303	N	61.815	W	83				4	WINDWARD ISLANDS. <TRN>. MD 2.5 (TRN).
18	09	05	37.9*	36.663	N	71.495	E	109	*	4.3	1.5	28	AFGHANISTAN-TAJIKISTAN BORD REG.
18	09	28	43.7?	29.55	N	52.21	E	33	N	3.7	1.0	7	SOUTHERN IRAN
18	09	36	58.4	11.851	N	142.712	E	33	N	4.9 4.4	1.3	48	SOUTH OF MARIANA ISLANDS
18	09	41	37.4&	35.097	N	118.306	W	7				22	CENTRAL CALIFORNIA. <PAS-P>. ML 3.9 (PAS), 4.0 (BRK). Felt (IV) at Mojave; (III) at Tehachapi; (II) at Edwards, Lake Hughes and Newhall. Also felt at Caliente and in the Lake Isabella area.
18	09	50	25.7	10.294	S	13.167	W	10	G	5.1 5.0	1.2	73	ASCENSION ISLAND REGION. Mw 5.3 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 09:50:31.3; Lat 10.67 S; Lon 13.55 W; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**17 Nm): (T) Val=0.97, Plg=26, Azm=68; (N) Val=0.05, Plg=6, Azm=335; (P) Val=-1.02, Plg=63, Azm=234; Best double couple: Mo=9.9*10**16 Nm; NP1: Strike=171, Dip=19, Slip=-73; NP2: Strike=333, Dip=71, Slip=-96.
18	09	50	45.2*	12.478	N	142.539	E	33	N	4.4 4.4	1.5	8	SOUTH OF MARIANA ISLANDS
18	09	52	54.3*	1.648	S	123.504	E	33	N	4.9	1.3	14	SULAWESI, INDONESIA
18	10	05	32.6&	31.211	S	69.296	W	218				15	SAN JUAN PROVINCE, ARGENTINA. <GUC>. MD 3.5 (GUC).
18	10	05	46.1*	18.518	N	145.527	E	300	G	3.6	0.8	14	MARIANA ISLANDS
18	11	42	18.1?	1.17	S	124.02	E	33	N	4.7	1.5	12	SOUTHERN MOLUCCA SEA
18	11	59	38.4?	34.29	N	25.80	E	33	N	3.4	0.9	7	CRETE, GREECE
18	12	22	15.3&	63.367	N	147.403	W	0	G			66	CENTRAL ALASKA. <AEIC>. ML 3.5 (AEIC), 3.6 (PMR).
18	12	28	20.8&	41.220	S	174.260	E	45				13	COOK STRAIT, NEW ZEALAND. <WEL>. ML 3.7 (WEL). Felt at Wellington on the North Island.
18	12	39	59.7*	43.152	N	126.473	W	10	G	2.5	0.5	22	OFF COAST OF OREGON
18	12	42	47.1&	57.249	N	154.656	W	40		2.6		21	KODIAK ISLAND REGION, ALASKA. <AEIC>. ML 2.6 (AEIC).
18	12	52	50.6*	35.584	N	140.788	E	33	N	3.3	0.4	6	NEAR EAST COAST OF HONSHU, JAPAN
18	13	18	45.1&	44.380	N	7.380	E	7				8	NORTHERN ITALY. <GEN>. ML 1.8 (GEN).
18	13	35	55.7*	45.746	N	15.640	E	10	G		0.9	5	NORTHWESTERN BALKAN REGION. ML 1.2 (LJU).
18	14	14	07.4&	31.836	S	71.948	W	30				7	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.9 (GUC).
18	14	52	46.4*	53.760	N	171.089	E	33	N		1.0	6	NEAR ISLANDS, ALEUTIAN ISLANDS
18	15	18	58.0	24.189	N	120.997	E	19	*	4.7 5.2	1.3	66	TAIWAN. Recorded (4 TAP) in northeastern Tai-chung County, (3 TAP) in Miao-li County and (2 TAP) at Hua-lien, Miao-li and Tai-chung. Recorded (1 TAP) throughout central and northern Taiwan.
18	15	41	46.7&	34.671	N	116.309	W	3				14	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS).
18	16	05	35.9*	36.372	N	71.350	E	105	*	4.2	1.0	10	AFGHANISTAN-TAJIKISTAN BORD REG.
18	16	12	07.7?	55.26	S	146.47	E	10	G	4.4	1.9	8	WEST OF MACQUARIE ISLAND
18	16	24	54.6&	39.381	N	123.055	W	5				12	NEAR COAST OF NORTHERN CALIF. <NC-P>. MD 3.1 (NC). ML 3.1 (BRK).
18	16	47	16.1	49.925	N	156.065	E	76		4.1	1.1	25	KURIL ISLANDS
18	16	51	27.6&	45.804	N	7.536	E	1				36	NORTHERN ITALY. <GEN>. MD 2.8 (LDG). ML 2.6 (GEN), 2.4 (VIE).
18	17	14	24.7&	32.754	S	71.695	W	19				12	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.1 (GUC).
18	17	17	14.9*	41.513	N	144.832	E	33	N	3.8	1.2	15	HOKKAIDO, JAPAN REGION
18	17	24	53.1*	49.798	N	18.534	E	10	G		1.4	7	CZECH AND SLOVAK REPUBLICS. ML 2.9 (VIE).
18	17	29	59.5*	32.066	N	132.127	E	44	*	4.3	1.4	18	SHIKOKU, JAPAN. Recorded (2 JMA) in northern Miyazaki and (1 JMA) in southern Kumamoto, southern Miyazaki and eastern Oita Prefectures.
18	18	09	56.3	46.408	N	15.121	E	10	G		1.2	7	NORTHWESTERN BALKAN REGION. ML 1.7 (VIE).
18	18	10	11.2&	32.457	S	69.957	W	131				11	MENDOZA PROVINCE, ARGENTINA. <GUC>. MD 3.3 (GUC).
18	18	44	54.0*	25.331	S	70.491	W	33	N	4.4	1.3	15	NEAR COAST OF NORTHERN CHILE. Felt (V) at Taltal and (II) at Caldera and Copiapo.
18	18	48	55.5&	31.916	S	71.139	W	66				11	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.1 (GUC).
18	19	56	41.6	33.672	N	141.165	E	54	*	4.5	0.9	38	OFF EAST COAST OF HONSHU, JAPAN. Recorded (1 JMA) on Hachijo-jima.
18	20	32	23.6?	14.04	N	145.73	E	100	?		0.9	7	MARIANA ISLANDS
18	20	55	02.2&	33.022	S	70.292	W	107				8	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.7 (GUC).
18	21	05	02.8&	15.241	N	61.282	W	2				9	LEEWARD ISLANDS. <FDF>. MD 3.6 (TRN). Felt (V) in southern Dominica.
18	21	12	53.2&	15.186	N	61.382	W	5				6	LEEWARD ISLANDS. <TRN>. MD 3.1 (TRN).
18	21	47	54.2*	13.292	N	50.773	E	10	G	4.8 4.3	1.3	33	EASTERN GULF OF ADEN
18	22	16	41.1	15.298	N	94.625	W	29		4.7	1.1	42	NEAR COAST OF OAXACA, MEXICO. MD 4.6 (UNM).
18	22	20	37.6	1.569	S	123.233	E	58	*	4.7	1.2	25	SULAWESI, INDONESIA
18	22	44	16.1&	37.161	N	3.709	W	0	G			17	SPAIN. <MDD>. mbLg 2.6 (MDD). Felt (III) at Chauchina and Santafe.
18	23	16	34.7	51.548	N	159.019	E	55	D	4.9	1.0	188	OFF EAST COAST OF KAMCHATKA. Mw 4.9 (HRV). Felt (III) at Petropavlovsk-Kamchatskiy. Centroid, Moment Tensor (HRV): Centroid origin time 23:16:40.7; Lat 51.95 N; Lon 159.61 E; Dep 55.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=2.78, Plg=75, Azm=218; (N) Val=-0.84, Plg=15, Azm=28; (P) Val=-1.94, Plg=2, Azm=119; Best double couple: Mo=2.4*10**16 Nm; NP1: Strike=224, Dip=45, Slip=111; NP2: Strike=15, Dip=49, Slip=70.
19	00	26	55.1&	45.003	N	7.185	E	12				11	NORTHERN ITALY. <GEN>. ML 2.2 (GEN), 1.8 (LDG).
19	01	16	56.0?	19.95	S	169.47	E	115	?	3.8	0.6	8	VANUATU ISLANDS
19	02	26	12.8&	33.188	S	70.441	W	95				9	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.6 (GUC).
19	04	40	41.7	31.402	S	69.136	W	114		3.8	1.1	23	SAN JUAN PROVINCE, ARGENTINA. MD 4.2 (GUC).
19	04	58	14.1	21.753	S	179.487	W	603	D	4.5	0.9	64	FIJI ISLANDS REGION
19	04	59	01.5&	15.148	N	94.764	W	19				4	NEAR COAST OF OAXACA, MEXICO. <UNM>. MD 4.2 (UNM).
19	05	04	51.3*	28.375	N	138.947	E	526	*	3.6	0.6	14	BONIN ISLANDS, JAPAN REGION
19	05	31	17.1*	37.953	N	48.047	E	33	N	3.9	0.8	8	NORTHWESTERN IRAN
19	06	22	00.1&	37.286	S	72.421	W	74				6	CENTRAL CHILE. <GUC>. MD 3.6 (GUC).
19	06	30	04.4*	21.935	S	67.006	W	199		3.9	0.9	15	CHILE-BOLIVIA BORDER REGION

19	07	19	05.0	12.474	N	142.592	E	33	N	4.8	4.1	1.0	37	SOUTH OF MARIANA ISLANDS
19	07	50	00.5&	38.450	S	175.820	E	172					16	NORTH ISLAND, NEW ZEALAND. <WEL>.
19	07	55	58.7*	40.804	N	15.313	E	10	G			1.4	14	SOUTHERN ITALY
19	08	24	02.9?	37.03	S	95.09	W	33	N	4.4		0.5	8	SOUTHEAST OF EASTER ISLAND
19	09	41	05.8*	33.406	N	78.558	E	33	N	3.6		1.5	11	KASHMIR-XIZANG BORDER REGION
19	10	40	41.5&	43.027	N	0.132	E	5	G				14	FRANCE. <LDG>. MD 2.8 (LDG). ML 2.4 (STR).
19	11	07	11.4*	38.024	N	89.975	E	33	N	3.7		1.2	7	SOUTHERN XINJIANG, CHINA
19	11	43	59.5	30.932	S	71.444	W	33	N			1.2	22	NEAR COAST OF CENTRAL CHILE. MD 4.3 (GUC).
19	11	48	41.1&	62.809	N	149.641	W	84					41	CENTRAL ALASKA. <AEIC>.
19	12	13	36.2&	39.393	N	123.068	W	7					12	NEAR COAST OF NORTHERN CALIF. <NC-P>. MD 2.9 (NC).
19	13	01	35.3&	36.828	N	121.554	W	6					16	CENTRAL CALIFORNIA. <NC-P>. MD 2.8 (NC).
19	14	01	48.8*	1.152	S	123.700	E	33	N	4.9		0.8	8	SULAWESI, INDONESIA
19	14	35	08.4&	48.600	N	8.180	E	5					10	GERMANY. <STR>. ML 1.9 (STR).
19	14	43	24.3&	31.843	S	70.416	W	115		4.7			19	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 4.0 (GUC).
19	14	46	18.7	6.740	N	73.037	W	179	*	3.8		0.8	28	NORTHERN COLOMBIA
19	15	23	30.5?	6.31	S	154.85	E	80	?			0.9	10	SOLOMON ISLANDS
19	15	55	14.3	63.465	N	151.996	W	33	N			1.4	17	CENTRAL ALASKA. ML 3.0 (PMR).
19	16	59	49.4	71.298	N	7.947	W	10	G	4.3		1.2	17	JAN MAYEN ISLAND REGION
19	17	06	42.6	44.362	N	11.826	E	10	G			1.4	23	NORTHERN ITALY. ML 3.2 (VIE), 3.0 (LDG).
19	17	41	18.0	13.814	N	120.533	E	92	D	5.1		1.1	92	MINDORO, PHILIPPINES. Mw 5.1 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 17:41:16.1; Lat 13.42 N; Lon 120.64 E; Dep 67.5; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=5.77, Plg=63, Azm=334; (N) Val=-1.44, Plg=1, Azm=66; (P) Val=-4.33, Plg=27, Azm=156; Best double couple: Mo=5.1*10**16 Nm; NP1: Strike=248, Dip=18, Slip=92; NP2: Strike=65, Dip=72, Slip=89.
19	17	47	10.6	44.518	N	148.011	E	33	N	4.5		0.9	25	KURIL ISLANDS
19	18	02	13.8	55.160	N	162.160	E	33	N	4.0	4.4	1.3	25	NEAR EAST COAST OF KAMCHATKA
19	19	22	40.7	53.407	N	10.880	E	10	G			1.0	28	GERMANY. ML 3.5 (GRF), 3.4 (BRG), 3.4 (LDG), 3.0 (CLL).
19	19	26	19.3?	53.56	N	170.08	E	33	N	3.5		0.9	9	NEAR ISLANDS, ALEUTIAN ISLANDS
19	20	07	45.8	24.865	S	179.056	W	406		4.5		1.1	58	SOUTH OF FIJI ISLANDS
19	20	22	03.7*	21.624	S	176.611	W	264	?	4.1		0.8	24	FIJI ISLANDS REGION
19	20	34	26.0	59.204	N	153.139	W	80	D	5.6		0.9	567	SOUTHERN ALASKA. Mw 5.9 (GS), 5.9 (HRV). Me 5.6 (GS). Felt (V) at Homer; (IV) at Anchor Point, Kodiak and Seward; (III) at Anchorage, Chugiak, Kenai and Soldotna; (II) at Eagle River, Kasilof, Palmer and Sterling. Also felt at English Bay, Ninilchik, Port Graham and Seldovia. Broadband Source Parameters (GS): Dep 80; NP1: Strike=345, Dip=50, Slip=180; NP2: Strike=255, Dip=90, Slip=-40; Radiated energy 5.0*10**12 Nm. Moment Tensor (GS): Dep 78; Principal axes (scale 10**17 Nm): (T) Val=9.04, Plg=21, Azm=299; (N) Val=-2.01, Plg=59, Azm=70; (P) Val=-7.03, Plg=21, Azm=200; Best double couple: Mo=8.0*10**17 Nm; NP1: Strike=340, Dip=59, Slip=180; NP2: Strike=70, Dip=90, Slip=31. Centroid, Moment Tensor (HRV): Centroid origin time 20:34:29.7; Lat 58.97 N; Lon 152.84 W; Dep 90.6; Half-duration 2.1 sec; Principal axes (scale 10**17 Nm): (T) Val=7.21, Plg=20, Azm=288; (N) Val=-0.43, Plg=55, Azm=49; (P) Val=-6.78, Plg=27, Azm=187; Best double couple: Mo=7.0*10**17 Nm; NP1: Strike=330, Dip=56, Slip=-174; NP2: Strike=236, Dip=85, Slip=-35.
19	21	22	58.2	54.001	N	165.152	W	44	*	4.5		0.9	17	FOX ISLANDS, ALEUTIAN ISLANDS
19	21	42	04.2*	32.647	N	137.089	E	416		3.7		0.8	22	SOUTHEAST OF HONSHU, JAPAN
19	21	43	01.7*	8.839	S	108.692	E	75	?	4.5		0.5	10	JAWA, INDONESIA
19	21	56	40.6&	59.078	N	152.893	W	80					19	SOUTHERN ALASKA. <AEIC>.
19	22	42	11.8*	13.875	N	92.816	W	33	N	4.3		1.2	35	OFF COAST OF CHIAPAS, MEXICO. MD 4.6 (UNM).
19	23	07	27.3&	36.325	N	118.050	W	1					30	CENTRAL CALIFORNIA. <PAS-P>. ML 3.3 (PAS).
19	23	14	19.2*	4.452	S	123.225	E	33	N	4.7		1.2	16	BANDA SEA
20	00	07	50.4	37.689	N	19.786	E	33	N	4.0		1.3	100	IONIAN SEA. ML 4.2 (ROM).
20	01	06	28.5?	53.67	N	170.11	E	33	N	4.1		1.1	7	NEAR ISLANDS, ALEUTIAN ISLANDS
20	02	05	23.1&	15.577	N	93.909	W	50					4	NEAR COAST OF CHIAPAS, MEXICO. <UNM>. MD 4.1 (UNM).
20	02	11	57.0&	40.100	S	173.910	E	194					9	COOK STRAIT, NEW ZEALAND. <WEL>.
20	02	14	21.2&	44.409	N	7.245	E	12					21	NORTHERN ITALY. <GEN>. MD 2.3 (LDG). ML 2.2 (GEN), 2.0 (STR).
20	02	22	34.4	31.044	S	71.452	W	62	D	4.5		1.2	41	NEAR COAST OF CENTRAL CHILE. MD 4.6 (GUC). Felt (IV) at Combarbala and Ovalle; (III) at Hurtado, Monte Patria and Punitaqui; (II) at Coquimbo.
20	02	33	47.1	35.111	N	26.563	E	10	G	3.9		1.2	31	CRETE, GREECE
20	02	35	41.4&	35.151	N	32.162	E	25					5	CYPRUS REGION. <CSS>. ML 2.6 (CSS).
20	03	01	43.0*	36.632	N	72.049	E	129	?	3.9		0.7	16	AFGHANISTAN-TAJIKISTAN BORD REG.
20	03	23	41.7	46.055	N	14.776	E	10	G			0.3	9	NORTHWESTERN BALKAN REGION. ML 2.1 (VIE), 1.6 (LJU).
20	03	36	00.6	46.029	N	14.794	E	10	G			0.9	15	NORTHWESTERN BALKAN REGION. ML 3.1 (VIE), 2.9 (ZAG), 2.5 (LJU). Felt (IV) at Litija, Slovenia.
20	04	39	31.8	45.325	N	151.415	E	43	D	4.7	3.9	0.8	105	KURIL ISLANDS
20	04	43	01.5*	40.582	N	25.335	E	10	G	3.4		1.2	9	AEGEAN SEA. MD 3.6 (ISK).
20	04	54	05.3&	45.634	N	6.369	E	5	G				5	FRANCE. <LDG>. ML 2.0 (LDG).
20	05	04	30.4*	40.559	N	25.341	E	10	G			0.7	7	AEGEAN SEA. MD 3.7 (ISK).
20	05	28	19.3&	40.110	S	173.770	E	213					16	COOK STRAIT, NEW ZEALAND. <WEL>.
20	06	22	53.8&	31.471	S	71.736	W	20					8	NEAR COAST OF CENTRAL CHILE. <GUC>.
20	07	42	49.7&	31.799	S	71.912	W	28					8	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.0 (GUC).
20	09	04	17.0&	61.354	N	150.799	W	61					64	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC), 3.1 (PMR).
20	09	19	20.0	44.323	N	11.863	E	10	G			1.1	28	NORTHERN ITALY. ML 3.2 (VIE), 3.2 (STR), 3.1 (LDG).
20	09	44	23.0*	3.850	N	31.504	W	10	G	4.6	4.5	0.9	35	CENTRAL MID-ATLANTIC RIDGE
20	09	49	15.5	49.795	S	125.988	E	10	G	5.0	5.1	1.3	58	WESTERN INDIAN-ANTARCTIC RIDGE. Mw 5.5 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 09:49:22.0; Lat 49.74 S; Lon 125.82 E; Dep 15.0 Fix; Half-duration 1.4 sec; Principal axes (scale 10**17 Nm): (T) Val=2.19, Plg=6, Azm=329; (N) Val=-0.10, Plg=84, Azm=161; (P) Val=-2.10, Plg=1, Azm=59; Best double couple: Mo=2.1*10**17 Nm; NP1: Strike=105, Dip=85, Slip=3; NP2: Strike=14, Dip=87, Slip=175.
20	09	55	16.7&	44.264	N	7.726	E	2					5	NORTHERN ITALY. <LDG>. ML 2.2 (LDG).

20	09	59	35.2	23.775	S	179.956	E	548	D	5.0	1.0	220	SOUTH OF FIJI ISLANDS. Mw 5.6 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 09:59:40.6; Lat 23.28 S; Lon 179.77 E; Dep 553.6; Half-duration 1.4 sec; Principal axes (scale 10**17 Nm): (T) Val=2.91, Plg=43, Azm=41; (N) Val=-0.20, Plg=45, Azm=198; (P) Val=-2.71, Plg=12, Azm=300; Best double couple: Mo=2.8*10**17 Nm; NP1: Strike=71, Dip=51, Slip=155; NP2: Strike=177, Dip=70, Slip=41.
20	10	49	20.7?	2.49	N	128.68	E	70	?	4.4	0.8	12	HALMAHERA, INDONESIA
20	11	59	00.1*	24.466	S	179.774	E	566	?	4.1	1.1	24	SOUTH OF FIJI ISLANDS
20	12	02	23.0	52.473	N	159.028	E	70		4.4	1.0	56	OFF EAST COAST OF KAMCHATKA. Felt (II) at Petropavlovsk-Kamchatskiy.
20	12	14	20.6&	33.889	S	71.174	W	55				8	NEAR COAST OF CENTRAL CHILE. <GUC>.
20	13	11	23.5	47.766	N	12.829	E	5	G		1.3	17	AUSTRIA. ML 2.9 (LDG), 2.9 (FUR), 2.9 (BRG), 2.7 (VIE).
20	14	03	06.4*	36.619	N	71.078	E	194	*		0.9	8	AFGHANISTAN-TAJIKISTAN BORD REG.
20	14	38	13.4&	14.321	N	61.121	W	21				4	WINDWARD ISLANDS. <FDF>. MD 2.2 (FDF).
20	14	44	15.9&	46.721	N	1.060	E	3	G			13	FRANCE. <LDG>. ML 2.6 (LDG).
20	17	13	23.9&	38.600	S	175.880	E	5				6	NORTH ISLAND, NEW ZEALAND. <WEL>. ML 3.0 (WEL). Felt at Taupo.
20	17	28	05.2*	24.199	N	120.852	E	59	?	4.2	1.1	15	TAIWAN. Recorded (4 TAP) at Chang-hua and in western Nan-tou County;. (2 TAP) at Tai-chung; (1 TAP) at Chia-i.
20	18	56	40.2	35.638	N	11.890	W	10	G	3.8	1.1	91	AZORES-CAPE ST. VINCENT RIDGE. mbLg 4.0 (MDD).
20	19	13	38.2?	18.47	N	145.43	E	232	?	3.3	0.8	11	MARIANA ISLANDS
20	20	51	42.0&	34.674	N	116.288	W	3				10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
20	21	11	24.6*	7.252	N	34.569	W	10	G	4.0	1.1	17	CENTRAL MID-ATLANTIC RIDGE
20	21	33	37.8*	41.962	N	7.000	E	33	N		0.7	15	WESTERN MEDITERRANEAN SEA. MD 2.4 (LDG).
20	21	54	32.6&	11.121	N	62.117	W	97				6	WINDWARD ISLANDS. <TRN>. MD 2.9 (TRN).
20	22	01	38.2?	47.10	N	147.77	E	325	?	3.9	1.0	10	NORTHWEST OF KURIL ISLANDS
20	22	23	49.5&	19.377	N	67.258	W	56				10	MONA PASSAGE. <RSPR>. MD 3.8 (RSPR).
20	22	46	20.4*	17.564	S	178.936	W	490	?	3.9	1.0	35	FIJI ISLANDS REGION
20	23	04	27.0&	60.578	N	152.840	W	125		2.5		64	SOUTHERN ALASKA. <AEIC>.
20	23	45	53.1?	34.35	N	26.08	E	82	?	3.8	1.3	10	CRETE, GREECE
21	00	05	42.1&	30.819	S	71.173	W	48				12	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.0 (GUC).
21	00	17	57.6*	28.677	S	71.023	W	80	*	4.0	1.4	26	NEAR COAST OF CENTRAL CHILE
21	00	53	17.0	16.354	N	98.063	W	38		4.5	1.1	76	NEAR COAST OF GUERRERO, MEXICO. MD 4.7 (UNM).
21	01	00	52.9	5.263	N	72.893	W	33	N	4.4	0.7	25	COLOMBIA
21	01	18	29.5&	34.596	N	31.986	E	25				5	CYPRUS REGION. <CSS>. ML 2.0 (CSS).
21	01	42	35.8	35.045	N	135.738	E	33	N	4.5	1.1	17	WESTERN HONSHU, JAPAN. Recorded (2 JMA) in southern Kyoto and northern Nara Prefectures.
21	01	57	49.6*	23.902	S	66.628	W	220	*	3.9	0.5	10	JUJUY PROVINCE, ARGENTINA
21	02	34	49.4&	61.121	N	146.296	W	25				34	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
21	02	44	08.1	3.906	N	128.126	E	66	*	4.7	1.3	57	NORTH OF HALMAHERA, INDONESIA
21	02	44	20.1*	55.314	N	161.109	E	114	*		1.4	9	NEAR EAST COAST OF KAMCHATKA
21	02	58	42.6	12.206	S	43.666	E	10	G	5.1 5.0	1.1	127	NORTHWEST OF MADAGASCAR. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 02:58:45.8; Lat 12.48 S; Lon 43.34 E; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=9.56, Plg=35, Azm=28; (N) Val=-3.39, Plg=44, Azm=161; (P) Val=-6.17, Plg=25, Azm=279; Best double couple: Mo=7.9*10**16 Nm; NP1: Strike=59, Dip=44, Slip=171; NP2: Strike=156, Dip=84, Slip=46.
21	03	02	18.2*	49.000	S	123.397	E	10	G	4.4	0.9	12	WESTERN INDIAN-ANTARCTIC RIDGE
21	03	04	29.7*	49.054	S	123.222	E	10	G	4.3	1.0	18	WESTERN INDIAN-ANTARCTIC RIDGE
21	03	14	36.7	46.055	N	14.776	E	10	G		0.2	8	NORTHWESTERN BALKAN REGION. ML 2.2 (VIE).
21	03	19	55.3*	49.008	S	123.378	E	10	G	4.2	0.4	16	WESTERN INDIAN-ANTARCTIC RIDGE
21	03	23	26.9*	49.129	S	123.709	E	10	G	4.4	0.5	7	WESTERN INDIAN-ANTARCTIC RIDGE
21	03	40	52.5&	34.692	N	116.357	W	3				23	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS).
21	03	57	07.8*	14.556	N	146.768	E	33	N	4.3	1.0	27	MARIANA ISLANDS
21	04	22	26.1	1.663	S	123.107	E	33	N	4.0	1.1	13	SULAWESI, INDONESIA
21	04	39	09.6*	37.269	N	72.168	E	187	*	4.3	1.0	19	TAJIKISTAN
21	05	21	54.7&	36.840	N	121.572	W	8				12	CENTRAL CALIFORNIA. <NC-P>. MD 2.8 (NC).
21	05	55	54.8*	15.177	S	178.960	W	400	G	4.0	0.6	15	FIJI ISLANDS REGION
21	06	27	37.3&	34.294	N	116.869	W	6				24	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.7 (PAS). Felt (IV) at San Bernardino; (III) at Big Bear City and Highland; (II) at Apple Valley and Ridgecrest.
21	06	33	34.3&	17.822	N	66.760	W	6				4	PUERTO RICO REGION. <RSPR>. ML 2.9 (RSPR).
21	06	35	07.7?	32.42	S	177.41	W	33	N		0.8	8	SOUTH OF KERMADEC ISLANDS
21	06	37	58.7	20.255	S	177.798	W	550	G	4.2	0.8	52	FIJI ISLANDS REGION
21	08	27	37.5?	27.16	N	55.40	E	33	N	3.7	1.2	6	SOUTHERN IRAN
21	08	41	45.3*	5.572	S	146.890	E	33	N	4.3	0.9	8	EASTERN NEW GUINEA REG., P.N.G.
21	08	42	02.2*	6.324	S	103.765	E	33	N	4.7	0.7	24	SOUTHWEST OF SUMATERA, INDONESIA
21	10	04	31.8&	39.385	N	123.056	W	7				27	NEAR COAST OF NORTHERN CALIF. <NC-P>. MD 3.4 (NC). ML 3.3 (BRK). Felt at Ukiah.
21	11	51	23.3&	34.227	S	70.962	W	78				8	CHILE-ARGENTINA BORDER REGION. <GUC>.
21	12	01	47.2&	64.911	N	149.030	W	29				20	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC), 3.0 (PMR).
21	12	26	15.2&	46.026	N	14.789	E	10	G		0.1	5	NORTHWESTERN BALKAN REGION. ML 1.1 (LJU).
21	12	45	34.7	1.164	S	136.516	E	33	N	5.1	0.9	57	IRIAN JAYA REGION, INDONESIA. Mw 5.1 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 12:45:36.0; Lat 1.11 S; Lon 136.30 E; Dep 33.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=4.20, Plg=36, Azm=333; (N) Val=1.00, Plg=50, Azm=122; (P) Val=-5.21, Plg=15, Azm=231; Best double couple: Mo=4.7*10**16 Nm; NP1: Strike=6, Dip=53, Slip=164; NP2: Strike=106, Dip=77, Slip=38.
21	13	06	08.1&	37.829	N	0.088	W	1				10	SPAIN. <MDD>. mbLg 2.5 (MDD).
21	14	19	45.3	42.641	N	143.417	E	60	D	4.2	0.9	55	HOKKAIDO, JAPAN REGION. Recorded (2 JMA) in parts of southeastern Hokkaido.
21	14	34	41.5	42.211	N	6.768	E	10	G		0.9	80	WESTERN MEDITERRANEAN SEA. ML 3.5 (LDG), 3.4 (STR). mbLg 2.9 (MDD).
21	14	49	15.0*	7.421	S	154.763	E	33	N	3.8	1.1	6	SOLOMON ISLANDS
21	16	12	03.7&	39.370	N	123.052	W	8				25	NEAR COAST OF NORTHERN CALIF. <NC-P>. MD 3.5 (NC). ML 3.3 (BRK). Felt at Redwood Valley and in the Willits area.
21	16	52	33.9*	5.814	N	124.265	E	43	*	4.2	1.0	12	MINDANAO, PHILIPPINES

21	17	17	52.4*	29.473	N	141.212	E	33	N	4.7	1.0	18	SOUTHEAST OF HONSHU, JAPAN
21	17	19	49.6?	49.79	N	152.99	E	267	?		0.8	8	NORTHWEST OF KURIL ISLANDS
21	17	23	56.7&	16.742	N	93.772	W	213				13	CHIAPAS, MEXICO. <UNM>. MD 4.2 (UNM).
21	18	03	19.0&	44.056	N	7.752	E	13				5	NORTHERN ITALY. <GEN>. ML 1.8 (GEN).
21	19	04	47.3&	45.039	N	9.292	E	1				16	NORTHERN ITALY. <GEN>. ML 2.4 (GEN), 2.3 (LDG).
21	19	28	26.3&	45.035	N	9.276	E	0				17	NORTHERN ITALY. <GEN>. ML 2.4 (GEN), 2.2 (LDG).
21	19	34	37.4&	39.372	N	123.054	W	7				14	NEAR COAST OF NORTHERN CALIF. <NC-P>. MD 3.0 (NC). Felt in the Willits area.
21	19	58	47.4	71.190	N	8.263	W	10	G	5.3 5.6	0.9	426	JAN MAYEN ISLAND REGION. Mw 6.0 (HRV), 5.9 (GS). Moment Tensor (GS): Dep 1; Principal axes (scale 10**17 Nm): (T) Val=7.92, Plg=5, Azm=153; (N) Val=-1.29, Plg=78, Azm=266; (P) Val=-6.63, Plg=11, Azm=62; Best double couple: Mo=7.3*10**17 Nm; NP1: Strike=198, Dip=79, Slip=-176; NP2: Strike=107, Dip=86, Slip=-11. Centroid, Moment Tensor (HRV): Centroid origin time 19:58:57.5; Lat 71.08 N; Lon 9.00 W; Dep 15.0 Bdy; Half-duration 2.4 sec; Principal axes (scale 10**18 Nm): (T) Val=0.80, Plg=8, Azm=161; (N) Val=0.46, Plg=60, Azm=264; (P) Val=-1.26, Plg=29, Azm=66; Best double couple: Mo=1.0*10**18 Nm; NP1: Strike=207, Dip=64, Slip=-164; NP2: Strike=110, Dip=75, Slip=-27.
21	20	14	24.7	3.588	N	124.610	E	325		4.2	0.9	35	CELEBES SEA
21	20	37	25.7&	36.966	N	121.596	W	8				13	CENTRAL CALIFORNIA. <NC-P>. MD 2.9 (NC). Felt at Gilroy.
21	21	35	50.0*	8.232	S	119.977	E	205	*	4.4	1.2	33	FLORES REGION, INDONESIA
21	21	53	32.7	23.393	S	175.144	W	33	N	4.7 4.9	1.2	57	TONGA ISLANDS REGION
21	21	59	42.0&	37.684	S	71.701	W	95		3.9		19	S. CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.7 (GUC).
21	22	12	43.8*	32.522	N	59.333	E	33	N	4.2	1.2	9	NORTHERN AND CENTRAL IRAN
21	22	45	29.6&	15.662	N	94.152	W	42		3.7		7	NEAR COAST OF OAXACA, MEXICO. <UNM>. MD 4.1 (UNM).
21	22	45	36.1*	31.045	N	15.530	E	10	G	3.7	1.2	24	NEAR COAST OF LIBYA
21	23	11	40.5*	25.187	S	179.768	E	500	G	4.1	0.9	20	SOUTH OF FIJI ISLANDS
21	23	17	02.3	35.924	N	70.660	E	98	*	4.4	1.0	53	HINDU KUSH REGION, AFGHANISTAN
21	23	30	14.6*	35.925	N	70.599	E	100	G	4.2	1.0	8	HINDU KUSH REGION, AFGHANISTAN
21	23	42	32.1	71.354	N	8.671	W	10	G	4.3	1.3	35	JAN MAYEN ISLAND REGION
21	23	45	56.8	44.374	N	11.735	E	10	G		0.7	16	NORTHERN ITALY. ML 3.0 (VIE), 2.8 (LDG).
22	00	06	57.0	8.581	N	126.694	E	74		5.2	1.0	117	MINDANAO, PHILIPPINES. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 00:07:01.9; Lat 8.21 N; Lon 127.27 E; Dep 54.2; Half-duration 1.0 sec; Principal axes (scale 10**17 Nm): (T) Val=1.32, Plg=49, Azm=161; (N) Val=-0.15, Plg=21, Azm=45; (P) Val=-1.17, Plg=33, Azm=300; Best double couple: Mo=1.2*10**17 Nm; NP1: Strike=339, Dip=23, Slip=22; NP2: Strike=228, Dip=82, Slip=111.
22	00	46	32.7*	71.473	N	8.233	W	10	G	3.2	1.2	6	JAN MAYEN ISLAND REGION
22	01	16	58.3*	21.131	S	179.267	W	600	G	3.8	0.9	14	FIJI ISLANDS REGION
22	01	33	37.1&	40.822	N	30.311	E	1				8	TURKEY. <ISK>. MD 3.0 (ISK).
22	01	34	26.7	36.870	N	6.856	W	10	G		0.4	15	STRAIT OF GIBRALTAR. mbLg 2.8 (MDD).
22	03	24	19.4?	11.91	N	88.57	W	33	N	3.9	1.3	10	OFF COAST OF CENTRAL AMERICA
22	03	33	28.1?	19.24	N	145.00	E	33	N	4.1	1.0	9	MARIANA ISLANDS
22	03	37	11.9	8.644	N	126.723	E	33	N	4.6	1.1	37	MINDANAO, PHILIPPINES
22	04	10	14.4&	17.160	N	95.398	W	147				5	OAXACA, MEXICO. <UNM>. MD 4.1 (UNM).
22	04	24	38.3	0.738	N	25.862	W	10	G	4.9 5.0	1.0	86	CENTRAL MID-ATLANTIC RIDGE. Mw 5.9 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 04:24:48.2; Lat 0.85 N; Lon 25.75 W; Dep 15.0 Fix; Half-duration 2.1 sec; Principal axes (scale 10**17 Nm): (T) Val=7.10, Plg=4, Azm=41; (N) Val=0.21, Plg=85, Azm=232; (P) Val=-7.31, Plg=1, Azm=131; Best double couple: Mo=7.2*10**17 Nm; NP1: Strike=176, Dip=86, Slip=3; NP2: Strike=86, Dip=87, Slip=176.
22	04	39	46.3&	50.136	N	105.625	E	10	G		1.5	6	RUSSIA-MONGOLIA BORDER REGION
22	05	32	57.0&	54.562	N	109.139	E	10	G		0.8	6	LAKE BAYKAL REGION, RUSSIA
22	05	36	05.6&	58.962	N	153.260	W	54				51	KODIAK ISLAND REGION, ALASKA. <AEIC>. ML 2.7 (AEIC).
22	05	37	31.6&	38.610	S	175.940	E	170				10	NORTH ISLAND, NEW ZEALAND. <WEL>.
22	05	47	02.4&	60.424	N	150.041	W	39				68	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.9 (AEIC).
22	05	53	57.1	38.947	N	119.952	W	5	G		0.9	10	CALIFORNIA-NEVADA BORDER REGION. ML 2.8 (GS). Felt at Lake Tahoe, Nevada.
22	06	58	22.9?	35.72	S	179.44	E	73	*	4.5	1.4	9	OFF E. COAST OF N. ISLAND, N.Z. ML 4.4 (WEL).
22	07	10	22.4&	17.320	N	96.173	W	117				6	OAXACA, MEXICO. <UNM>. MD 4.0 (UNM).
22	07	36	09.7&	34.603	N	116.299	W	3				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
22	07	51	00.8&	32.592	N	116.137	W	13				9	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.0 (PAS). MD 3.3 (ECX).
22	09	48	53.3?	7.24	N	73.04	W	126	?	3.6	1.0	7	NORTHERN COLOMBIA
22	10	05	59.1?	16.59	S	173.72	W	33	N	3.9	0.6	8	TONGA ISLANDS
22	10	14	27.5?	50.29	N	176.56	W	33	N	3.4	0.8	6	ANDREANOF ISLANDS, ALEUTIAN IS.
22	10	19	33.1?	20.13	S	179.15	W	600	G	3.5	0.6	10	FIJI ISLANDS REGION
22	10	44	56.4?	29.93	S	177.81	W	33	N	4.5	0.8	7	KERMADEC ISLANDS, NEW ZEALAND
22	11	02	46.9&	34.360	S	70.207	W	7				14	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.9 (GUC).
22	11	11	23.3*	20.015	S	178.545	W	600	G	3.7	1.0	15	FIJI ISLANDS REGION
22	11	36	19.4	44.280	N	11.804	E	10	G		1.1	14	NORTHERN ITALY. ML 3.1 (VIE), 2.9 (LDG), 2.5 (LJU).
22	11	57	03.1	71.328	N	8.635	W	10	G	4.4	1.2	45	JAN MAYEN ISLAND REGION
22	12	36	52.9*	58.040	S	9.166	W	10	G	4.5	0.5	9	EAST OF SOUTH SANDWICH ISLANDS
22	12	46	30.3&	40.636	N	123.838	W	22				10	NORTHERN CALIFORNIA. <NC-P>. MD 3.2 (NC). ML 3.2 (BRK). Felt (II-III) in the McKinleyville-Eureka-Fortuna area.
22	12	59	11.0	40.506	N	25.515	E	10	G		1.1	11	AEGEAN SEA. MD 3.6 (ISK).
22	13	15	08.9	4.096	S	81.096	W	33	N	5.3 5.4	0.9	300	NEAR COAST OF NORTHERN PERU. Mw 5.8 (GS), 5.8 (HRV). Felt strongly at El Alto, Lobitos, Mancora and Talara. Also felt (III) at Tumbes. Moment Tensor (GS): Dep 35; Principal axes (scale 10**17 Nm): (T) Val=5.52, Plg=66, Azm=166; (N) Val=-0.74, Plg=16, Azm=36; (P) Val=-4.77, Plg=17, Azm=301; Best double couple: Mo=5.1*10**17 Nm; NP1: Strike=8, Dip=31, Slip=58; NP2: Strike=224, Dip=64, Slip=108. Centroid, Moment Tensor (HRV): Centroid origin time 13:15:13.8; Lat 4.11 S; Lon 81.07 W; Dep 41.3; Half-

													duration 2.0 sec; Principal axes (scale 10**17 Nm): (T) Val=7.27, Plg=63, Azm=162; (N) Val=-1.69, Plg=15, Azm=38; (P) Val=-5.58, Plg=21, Azm=302; Best double couple: Mo=6.4*10**17 Nm; NP1: Strike=7, Dip=28, Slip=55; NP2: Strike=225, Dip=68, Slip=107.
22	13	48	04.6&	38.576	N	6.236	W	4				7	SPAIN. <MDD>. mbLg 2.2 (MDD). Felt (II) at Puebla del Prior.
22	14	01	55.0&	33.964	S	72.263	W	23				10	OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.8 (GUC).
22	14	27	05.6*	15.597	S	173.897	W	33	N	3.9	0.5	9	TONGA ISLANDS
22	14	28	57.0*	5.323	N	125.379	E	197	*		0.8	8	MINDANAO, PHILIPPINES
22	15	00	32.4?	6.97	S	129.65	E	164	?	3.9	0.6	6	BANDA SEA
22	16	22	36.7?	6.77	N	73.15	W	178	?	3.5	0.9	9	NORTHERN COLOMBIA
22	17	03	44.5*	19.125	N	121.275	E	70	*	4.1	1.2	17	PHILIPPINE ISLANDS REGION
22	17	33	18.0	46.352	N	144.438	E	359		4.0	0.9	31	SEA OF OKHOTSK
22	17	39	31.8	79.040	N	4.015	E	10	G	4.5 4.5	0.9	15	GREENLAND SEA
22	17	42	35.5	8.449	N	126.830	E	55		4.7	1.0	54	MINDANAO, PHILIPPINES
22	17	52	12.2*	56.617	N	156.301	W	33	N		1.3	7	ALASKA PENINSULA
22	18	03	05.6&	49.468	N	6.342	E	1	G			10	GERMANY. <LDG>. ML 2.8 (LDG), 2.3 (GRF). Mining induced event in the Lorraine region, France.
22	18	51	55.6?	5.08	S	103.50	E	33	N	4.1	0.6	7	SOUTHERN SUMATERA, INDONESIA
22	18	54	00.0	32.581	S	69.910	W	111	D	4.5	1.0	62	MENDOZA PROVINCE, ARGENTINA. MD 4.6 (GUC). Felt (III) at La Ligua, Papudo and Petorca; (II) at Canela, Illapel, Los Vilos, Santiago and Valparaiso, Chile.
22	19	03	40.2&	32.020	S	70.594	W	118				11	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.3 (GUC).
22	19	15	58.1	52.175	N	172.427	W	33	N	4.2	1.4	47	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.2 (PMR).
22	19	19	28.8&	11.248	N	62.169	W	3				4	WINDWARD ISLANDS. <TRN>. MD 3.1 (TRN).
22	19	24	59.0*	5.856	S	110.803	E	536	*	4.4	1.1	18	JAVA SEA
22	19	46	29.9	1.562	S	123.433	E	33	N	4.6	0.7	11	SULAWESI, INDONESIA
22	19	48	51.1	38.245	N	39.425	E	10	G	4.4	1.1	84	TURKEY
22	20	51	33.4&	34.614	N	116.247	W	0				10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
22	21	16	15.6&	41.190	S	173.650	E	78				15	SOUTH ISLAND, NEW ZEALAND. <WEL>. ML 4.1 (WEL). Felt along the Kapiti Coast of the North Island.
22	21	47	00.5&	17.042	N	95.500	W	121				5	OAXACA, MEXICO. <UNM>. MD 4.2 (UNM).
22	22	05	52.3*	24.568	S	175.964	W	33	N	4.8	0.7	22	SOUTH OF TONGA ISLANDS
22	22	11	46.0?	24.57	S	176.00	W	33	N		1.3	12	SOUTH OF FIJI ISLANDS
22	22	57	28.4	3.636	N	122.338	E	612		4.5	0.7	36	CELEBES SEA
22	23	45	04.1&	34.650	S	71.087	W	89				13	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.3 (GUC).
22	23	56	24.9*	32.182	N	132.085	E	53	*	3.8	1.3	11	SHIKOKU, JAPAN. Recorded (1 JMA) in Miyazaki Prefecture.
23	00	29	24.1&	36.632	N	3.330	W	0	G			7	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.2 (MDD).
23	01	10	16.2&	46.337	N	111.412	W	6				23	MONTANA. <BUT-P>. MD 3.0 (BUT). Felt in the Townsend area.
23	01	35	17.5	21.720	S	179.517	W	600	G	4.5	1.0	53	FIJI ISLANDS REGION
23	02	14	47.4*	6.816	N	126.273	E	33	N	4.3	1.1	15	MINDANAO, PHILIPPINES
23	04	42	43.8&	36.318	N	118.065	W	1				45	CENTRAL CALIFORNIA. <PAS-P>. ML 4.0 (PAS).
23	05	51	03.9&	36.830	N	3.081	W	0	G			5	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.1 (MDD).
23	06	05	28.0&	43.791	N	8.317	E	5				8	CORSICA, FRANCE. <GEN>. ML 2.0 (GEN).
23	06	34	57.9*	44.613	N	148.458	E	73	*	4.7	0.8	17	KURIL ISLANDS
23	08	06	53.8?	42.56	N	148.72	E	33	N	3.4	0.7	7	OFF COAST OF HOKKAIDO, JAPAN
23	08	12	01.9?	34.28	N	26.22	E	33	N	3.7	1.2	7	CRETE, GREECE
23	08	17	49.3*	52.060	N	30.861	W	10	G	4.1	0.9	9	NORTHERN MID-ATLANTIC RIDGE
23	08	58	16.0&	32.042	S	71.178	W	72				9	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.4 (GUC).
23	09	23	20.2	56.401	N	114.366	E	10	G		0.9	8	EAST OF LAKE BAYKAL, RUSSIA. Felt (III) at Bodaybo.
23	09	53	38.1	21.273	S	66.521	W	226		4.7	0.9	83	SOUTHERN BOLIVIA. Felt (III) at Ascotan, Conchi, El Abra and Ollague; (II) at Calama and Chiuchiu, Chile.
23	10	50	58.6	15.706	S	175.084	W	290	D	4.9	0.8	164	TONGA ISLANDS. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 10:51:02.9; Lat 15.53 S; Lon 174.92 W; Dep 293.4; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=9.02, Plg=23, Azm=84; (N) Val=-2.65, Plg=23, Azm=184; (P) Val=-6.37, Plg=57, Azm=314; Best double couple: Mo=7.7*10**16 Nm; NP1: Strike=138, Dip=30, Slip=-140; NP2: Strike=12, Dip=71, Slip=-66.
23	11	00	54.0	51.630	N	16.170	E	5	G		1.3	16	POLAND. ML 3.6 (VIE), 3.4 (GRF), 3.4 (CLL).
23	11	11	48.3&	36.323	N	118.046	W	1				16	CENTRAL CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
23	11	47	39.9	58.743	S	25.364	W	33	N	4.4	0.6	20	SOUTH SANDWICH ISLANDS REGION
23	12	50	46.9&	44.344	N	7.359	E	17				6	NORTHERN ITALY. <GEN>. ML 1.8 (GEN).
23	13	52	21.8&	44.640	S	166.980	E	22				14	OFF W. COAST OF S. ISLAND, N.Z. <WEL>. ML 4.5 (WEL).
23	13	55	42.7*	32.450	N	59.949	E	33	N	3.9	0.6	6	NORTHERN AND CENTRAL IRAN
23	14	44	58.1	27.240	N	125.649	E	242	D	4.9	0.9	200	NORTHEAST OF TAIWAN
23	15	02	49.4*	52.247	N	152.743	E	470	?	3.7	0.4	13	NORTHWEST OF KURIL ISLANDS
23	15	16	02.2*	18.252	N	145.753	E	167	D	4.3	1.0	20	MARIANA ISLANDS
23	15	46	05.1	51.123	N	157.468	E	78	D	5.0	0.9	220	NEAR EAST COAST OF KAMCHATKA. Felt (II) at Severo-Kurilsk, Paramushir.
23	15	47	46.1?	9.25	N	72.58	W	33	N	4.3	0.5	10	VENEZUELA
23	16	05	57.3	24.457	S	66.936	W	186	D	5.0	1.0	131	SALTA PROVINCE, ARGENTINA. Mw 5.2 (HRV). Felt (IV) at Taltal, Chile. Centroid, Moment Tensor (HRV): Centroid origin time 16:06:04.9; Lat 23.96 S; Lon 67.20 W; Dep 190.5; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=6.54, Plg=14, Azm=288; (N) Val=-0.05, Plg=36, Azm=28; (P) Val=-6.49, Plg=51, Azm=181; Best double couple: Mo=6.5*10**16 Nm; NP1: Strike=340, Dip=44, Slip=-147; NP2: Strike=226, Dip=68, Slip=-50.
23	16	33	26.4	4.259	S	143.898	E	139	D	4.9	0.9	68	NEW GUINEA, PAPUA NEW GUINEA
23	16	36	46.0	2.122	N	78.388	W	33	N	5.0 4.5	0.9	183	NEAR WEST COAST OF COLOMBIA. Mw 5.2 (HRV). Felt lightly at Tumaco. Also felt lightly by people in high-rise buildings at Quito, Ecuador. Centroid, Moment Tensor (HRV): Centroid origin time 16:36:50.0; Lat 1.65 N; Lon 78.68 W; Dep 33.6; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=7.73, Plg=51, Azm=151; (N) Val=-0.29, Plg=24, Azm=27; (P) Val=-7.44, Plg=29, Azm=283; Best double couple: Mo=7.6*10**16 Nm; NP1: Strike=327, Dip=27, Slip=27; NP2: Strike=213, Dip=78, Slip=115.
23	17	34	39.5*	6.129	S	130.414	E	33	N	4.7	0.9	28	BANDA SEA

23	18	22	15.7*	45.392	S	98.485	E	10	G	4.4	0.9	12	SOUTHEAST INDIAN RIDGE
23	18	29	17.5*	30.846	N	87.331	E	33	N	3.9	0.9	12	XIZANG
23	18	34	39.4&	41.750	S	178.030	E	33	N			14	OFF E. COAST OF N. ISLAND, N.Z. <WEL>. ML 3.9 (WEL).
23	18	41	51.6&	37.527	N	3.066	W	0	G			17	SPAIN. <MDD>. mbLg 2.5 (MDD).
23	19	29	56.4	8.063	S	118.665	E	63		4.5	1.0	29	SUMBAWA REGION, INDONESIA
23	20	06	11.6?	20.04	S	178.27	W	490	?	4.3	1.4	33	FIJI ISLANDS REGION
23	20	16	36.0?	8.51	N	126.31	E	88	*	4.3	0.8	10	MINDANAO, PHILIPPINES
23	20	28	05.6	7.507	S	128.033	E	175		4.8	1.0	100	BANDA SEA
23	21	53	16.3*	15.873	N	145.365	E	33	N	4.4	1.1	12	MARIANA ISLANDS
23	22	30	22.2	5.077	N	126.900	E	125		4.5	0.8	34	MINDANAO, PHILIPPINES
23	22	32	17.5&	60.578	N	152.283	W	86				18	SOUTHERN ALASKA. <AEIC>.
23	23	44	36.0	40.525	N	122.900	E	33	N	4.3	1.2	26	NORTHEASTERN CHINA. ML 4.4 (BJI).
24	00	36	37.2	41.344	N	142.654	E	62	*	4.4	1.0	35	HOKKAIDO, JAPAN REGION. Recorded (1 JMA) in the Tomakomai area. Also recorded (1 JMA) in Aomori and northern Iwate Prefectures, Honshu.
24	00	42	36.2&	35.060	S	69.930	W	24				9	MENDOZA PROVINCE, ARGENTINA. <GUC>. MD 3.8 (GUC).
24	01	10	50.7	71.224	N	8.783	W	10	G	5.2 4.7	1.0	382	JAN MAYEN ISLAND REGION. Mw 5.3 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 01:10:56.8; Lat 71.12 N; Lon 8.51 W; Dep 15.0 Fix; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=1.00, Plg=1, Azm=339; (N) Val=0.11, Plg=80, Azm=244; (P) Val=-1.12, Plg=10, Azm=69; Best double couple: Mo=1.1*10**17 Nm; NP1: Strike=114, Dip=82, Slip=-7; NP2: Strike=205, Dip=83, Slip=-172.
24	01	12	34.5&	18.723	N	66.539	W	70				4	PUERTO RICO REGION. <RSPR>. MD 3.2 (RSPR).
24	02	01	23.1*	13.535	N	88.554	W	45	?	4.2	0.9	18	EL SALVADOR. Felt (V) at San Vicente.
24	02	50	55.0?	1.14	S	79.25	W	93	D	3.8	1.1	6	ECUADOR
24	04	22	06.2&	46.343	N	111.400	W	3		3.7		54	MONTANA. <BUT-P>. MD 4.2 (BUT). Felt at Great Falls, Helena and Townsend.
24	04	38	46.5&	9.572	N	62.383	W	25				6	NEAR COAST OF VENEZUELA. <TRN>. MD 3.4 (TRN).
24	05	40	37.7	36.042	N	22.012	E	33	N	5.3 5.6	1.2	399	SOUTHERN GREECE. Mw 5.9 (CSEM), 5.7 (GS), 5.7 (HRV). Felt strongly at Kalamata. Felt in many parts of southern Greece and on Crete and Kythira. Moment Tensor (GS): Dep 14; Principal axes (scale 10**17 Nm): (T) Val=4.52, Plg=3, Azm=317; (N) Val=0.10, Plg=56, Azm=52; (P) Val=-4.62, Plg=34, Azm=225; Best double couple: Mo=4.6*10**17 Nm; NP1: Strike=6, Dip=64, Slip=-157; NP2: Strike=266, Dip=69, Slip=-28. Centroid, Moment Tensor (HRV): Centroid origin time 05:40:42.8; Lat 35.80 N; Lon 21.95 E; Dep 38.3; Half-duration 1.9 sec; Principal axes (scale 10**17 Nm): (T) Val=4.57, Plg=19, Azm=315; (N) Val=-0.36, Plg=63, Azm=87; (P) Val=-4.21, Plg=19, Azm=219; Best double couple: Mo=4.4*10**17 Nm; NP1: Strike=357, Dip=63, Slip=-180; NP2: Strike=267, Dip=90, Slip=-27. Moment Tensor (CSEM): Dep 15; Principal axes: (T) Plg=67, Azm=98; (N) Plg=20, Azm=304; (P) Plg=9, Azm=211; Best double couple: Mo=6.9*10**17 Nm; NP1: Strike=278, Dip=40, Slip=57; NP2: Strike=138, Dip=57, Slip=115.
24	06	00	01.0?	54.61	N	161.66	E	33	N		0.9	7	NEAR EAST COAST OF KAMCHATKA
24	06	11	17.1	47.016	N	151.210	E	134	*	4.4	1.0	34	KURIL ISLANDS
24	06	22	05.0	17.877	S	178.593	W	600	G	4.4	0.9	60	FIJI ISLANDS REGION
24	06	34	24.9	1.237	S	123.488	E	62	*	4.6 4.5	1.4	47	SULAWESI, INDONESIA
24	06	41	18.3&	32.070	N	116.740	W	6	G			6	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 2.9 (PAS). MD 3.0 (ECX).
24	06	42	38.4*	36.012	N	21.849	E	33	N	4.2	1.3	19	SOUTHERN GREECE
24	06	44	13.8	36.042	N	21.973	E	33	N	4.3	1.2	65	SOUTHERN GREECE
24	07	24	07.2&	64.147	N	148.651	W	131		3.0		51	CENTRAL ALASKA. <AEIC>.
24	09	20	48.3*	24.022	S	66.679	W	215		4.1	1.1	19	SALTA PROVINCE, ARGENTINA
24	09	38	41.3&	44.635	N	6.783	E	14				5	FRANCE. <GEN>. ML 1.9 (GEN).
24	10	01	44.8	35.916	N	22.100	E	33	N	4.9	1.4	197	CENTRAL MEDITERRANEAN SEA. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 10:01:44.5; Lat 35.92 N Fix; Lon 22.10 E Fix; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=7.26, Plg=57, Azm=349; (N) Val=-0.14, Plg=1, Azm=80; (P) Val=-7.12, Plg=33, Azm=170; Best double couple: Mo=7.2*10**16 Nm; NP1: Strike=263, Dip=12, Slip=93; NP2: Strike=80, Dip=78, Slip=89.
24	10	22	46.2&	43.806	N	79.099	W	18	G			7	SOUTHERN ONTARIO, CANADA. <OTT-P>. mbLg 3.1 (OTT). Felt at Ajax, Markham, North York, Oshawa, Pickering, Port Perry, Rouge Hill, Scarborough, Toronto and Whitby.
24	10	23	58.4	41.519	N	142.429	E	33	N	4.7 4.5	0.9	115	HOKKAIDO, JAPAN REGION. Felt at Misawa, Honshu. Recorded (2 JMA) in parts of Aomori and (1 JMA) in northern Iwate Prefectures, Honshu. Also recorded (1 JMA) in parts of southern Hokkaido.
24	10	36	02.0*	1.925	N	80.000	W	33	N	4.4	1.1	24	OFF COAST OF ECUADOR
24	11	00	51.7	11.028	S	166.233	E	101	D	4.6	1.0	63	SANTA CRUZ ISLANDS
24	11	06	54.9&	45.235	N	6.963	E	0				13	FRANCE. <GEN>. ML 2.5 (GEN).
24	11	23	46.5	51.231	N	15.918	E	5	G		0.9	10	POLAND. ML 3.4 (VIE).
24	11	26	18.0*	36.082	N	22.037	E	33	N	4.1	1.3	27	SOUTHERN GREECE
24	11	31	17.7*	52.163	N	170.437	W	33	N	3.8	0.8	9	FOX ISLANDS, ALEUTIAN ISLANDS
24	11	31	51.1?	13.70	N	57.06	E	10	G	4.5	0.7	11	OWEN FRACTURE ZONE REGION
24	12	03	53.6	9.349	S	114.123	E	78	D	4.7	0.9	47	SOUTH OF BALI, INDONESIA
24	12	34	51.1*	36.163	N	21.785	E	70	?		1.3	14	SOUTHERN GREECE
24	12	49	51.8*	27.820	N	128.456	E	113	*	3.9	1.5	8	RYUKYU ISLANDS, JAPAN
24	13	02	48.8?	13.75	N	57.10	E	10	G	4.3	1.3	14	OWEN FRACTURE ZONE REGION
24	13	03	05.1*	13.827	N	57.140	E	10	G	4.7	1.3	13	OWEN FRACTURE ZONE REGION
24	13	22	01.0*	51.238	N	169.221	W	33	N	3.9	1.4	8	FOX ISLANDS, ALEUTIAN ISLANDS
24	13	27	57.0&	40.000	S	175.040	E	12				12	NORTH ISLAND, NEW ZEALAND. <WEL>. ML 3.0 (WEL).
24	14	18	11.9&	44.437	N	7.245	E	13				7	NORTHERN ITALY. <GEN>. ML 2.0 (GEN).
24	14	33	32.1*	10.067	N	126.413	E	33	N		1.3	11	PHILIPPINE ISLANDS REGION
24	15	39	48.4*	13.288	N	44.866	W	10	G	4.8	0.8	50	NORTHERN MID-ATLANTIC RIDGE
24	15	42	56.9	54.553	N	153.396	E	591		4.6	0.7	174	SEA OF OKHOTSK

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24  16 12 16.0  35.918 N   22.053 E   33 N  4.5 4.3  1.2  141  CENTRAL MEDITERRANEAN SEA. ML 4.3 (THE).
24  16 16 26.5& 46.340 N  111.398 W    1                 12  MONTANA. <BUT-P>. MD 2.8 (BUT). Felt in the Townsend area.
24  16 28 19.9* 46.329 N   13.284 E   10 G        1.0    6  AUSTRIA. ML 2.2 (VIE), 1.8 (LJU).
24  16 37 26.2& 34.694 N   33.163 E   15                 4  CYPRUS REGION. <CSS>. ML 2.3 (CSS).
24  16 44 48.1* 36.318 S  100.381 W   10 G  4.5   1.3  10  SOUTHEAST OF EASTER ISLAND
24  16 55 02.7* 12.796 N   57.703 E   10 G  4.6   1.1  18  OWEN FRACTURE ZONE REGION
24  17 16 35.5? 13.61  N   92.70  W   33 N  4.1   1.1   7  OFF COAST OF CHIAPAS, MEXICO
24  17 47 38.6  31.080 S  178.212 W   91 D  4.9   1.3  51  KERMADEC ISLANDS REGION
24  18 00 21.6* 22.295 N  143.805 E  152 D  4.1   0.8  12  VOLCANO ISLANDS, JAPAN REGION
24  18 04 50.3  30.718 S   71.625 W   33 N  4.3   1.1  16  NEAR COAST OF CENTRAL CHILE
24  18 16 57.0* 51.811 N  178.607 E  116 *  3.9   0.9  16  RAT ISLANDS, ALEUTIAN ISLANDS
24  18 38 08.3? 56.22  S   27.49  W  155 ?  3.4   0.8   9  SOUTH SANDWICH ISLANDS REGION
24  20 28 33.9* 13.502 N   91.349 W   33 N  4.4   0.9  45  NEAR COAST OF GUATEMALA. MD 4.7 (UNM).
24  21 12 17.6* 56.723 N  151.949 W   43 *        0.9  30  KODIAK ISLAND REGION, ALASKA. ML 3.8 (AEIC), 3.7 (PMR).
24  21 28 16.7  36.025 N   22.132 E   33 N        0.9  14  SOUTHERN GREECE
24  22 07 36.7* 32.765 S  179.336 W   33 N  4.3   0.9  15  SOUTH OF KERMADEC ISLANDS
24  23 12 40.0* 14.002 N   93.159 W   33 N  4.4   1.4  14  NEAR COAST OF CHIAPAS, MEXICO
24  23 14 15.8  14.399 N   92.806 W   68    4.7   0.9  69  NEAR COAST OF CHIAPAS, MEXICO. MD 4.9 (UNM).
24  23 16 33.9   4.613 S  153.025 E   65 D  5.0   1.0  79  NEW IRELAND REGION, P.N.G. Mw 5.1 (HRV).
                                                           Centroid, Moment Tensor (HRV): Centroid origin time
                                                            23:16:34.4; Lat 4.58 S; Lon 153.22 E; Dep 85.7; Half-
                                                            duration 1.0 sec; Principal axes (scale 10**16 Nm): (T)
                                                            Val=4.57, Plg=64, Azm=5; (N) Val=0.73, Plg=16, Azm=238; (P)
                                                            Val=-5.30, Plg=19, Azm=142; Best double couple:
                                                            Mo=4.9*10**16 Nm; NP1: Strike=206, Dip=29, Slip=55; NP2:
                                                            Strike=65, Dip=66, Slip=108.
24  23 51 19.8& 39.375 N  123.046 W    6                 26  NEAR COAST OF NORTHERN CALIF. <NC-P>. ML 3.5 (NC), 3.5 (BRK).
25  00 24 47.3? 36.25  N   22.32  E   33 N  3.6   0.2   8  SOUTHERN GREECE
25  00 26 46.6  35.968 N   22.183 E   33 N  4.8 4.6  1.1  153  CENTRAL MEDITERRANEAN SEA
25  00 37 34.9  36.146 N   22.092 E   33 N  4.5   1.5  50  SOUTHERN GREECE
25  00 47 25.3& 46.590 N    7.920 E   10 G              6  SWITZERLAND. <STR>. ML 2.5 (VIE), 2.1 (STR).
25  01 38 43.6& 61.568 N  146.433 W   29                25  SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
25  02 03 52.7& 44.517 N    6.868 E    5                11  FRANCE. <GEN>. ML 2.1 (GEN).
25  03 59 48.9  16.944 N  146.299 E   76 *  4.8   1.0  83  MARIANA ISLANDS
25  04 09 00.8  71.201 N    7.332 W   10 G  4.7 4.4  1.3  103  JAN MAYEN ISLAND REGION
25  05 10 55.9  52.633 N  167.066 W   33 N  5.3 4.8  1.3  296  FOX ISLANDS, ALEUTIAN ISLANDS. Mw 5.4 (HRV). ML 5.0 (PMR).
                                                            Felt (III) at Nikolski.
                                                           Centroid, Moment Tensor (HRV): Centroid origin time
                                                            05:10:54.7; Lat 52.41 N; Lon 166.91 W; Dep 18.6; Half-
                                                            duration 1.5 sec; Principal axes (scale 10**17 Nm): (T)
                                                            Val=1.52, Plg=66, Azm=330; (N) Val=0.19, Plg=4, Azm=69; (P)
                                                            Val=-1.72, Plg=24, Azm=161; Best double couple:
                                                            Mo=1.6*10**17 Nm; NP1: Strike=259, Dip=21, Slip=101; NP2:
                                                            Strike=67, Dip=69, Slip=86.
25  05 27 55.6? 23.12  S  176.51  W   33 N  4.8  . .  1.2   11  SOUTH OF FIJI ISLANDS
25  05 52 52.2* 9.738  S  113.891 E   70 *  4.3   0.7  27  SOUTH OF JAWA, INDONESIA
25  05 55 26.7  8.030  S  156.255 E   33 N  5.2 5.0  0.9  89  SOLOMON ISLANDS. Mw 5.3 (HRV).
                                                           Centroid, Moment Tensor (HRV): Centroid origin time
                                                            05:55:27.2; Lat 8.33 S; Lon 156.54 E; Dep 16.1; Half-
                                                            duration 1.2 sec; Principal axes (scale 10**17 Nm): (T)
                                                            Val=1.06, Plg=73, Azm=121; (N) Val=0.01, Plg=13, Azm=343;
                                                            (P) Val=-1.07, Plg=11, Azm=250; Best double couple:
                                                            Mo=1.1*10**17 Nm; NP1: Strike=324, Dip=36, Slip=67; NP2:
                                                            Strike=171, Dip=57, Slip=105.
25  06 33 35.7& 16.497 N   98.197 W   20                 4  NEAR COAST OF GUERRERO, MEXICO. <UNM>. MD 3.8 (UNM).
25  09 32 56.5& 17.203 N   99.710 W    0                 4  GUERRERO, MEXICO. <UNM>. MD 3.8 (UNM).
25  10 16 34.3% 9.950  N  126.163 E   33 N        1.5   6  MINDANAO, PHILIPPINES
25  12 34 55.1* 3.103  N  128.152 E  152 ?  4.8   1.1  14  NORTH OF HALMAHERA, INDONESIA
25  12 41 02.4* 36.082 N   21.946 E   33 N  4.1   0.7  15  SOUTHERN GREECE
25  13 14 40.0& 50.490 N  130.260 W   10 G              19  VANCOUVER ISLAND, CANADA REGION. <PGC-P>. ML 2.9 (PGC).
25  13 57 07.4  49.851 N   18.550 E   10 G        1.2   9  CZECH AND SLOVAK REPUBLICS. MG 2.8 (WAR).
25  15 53 46.1  36.281 N  100.085 E   10 G  4.1   0.7  15  QINGHAI, CHINA
25  16 35 01.0* 28.967 S   70.951 W  100 G  3.9   1.8  12  CENTRAL CHILE
25  17 09 23.3* 19.191 N  145.435 E  200 G        1.0   8  MARIANA ISLANDS
25  17 15 21.7& 34.601 N  116.285 W    2                11  SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
25  17 32 43.1? 13.56  N   93.02  W   33 N  4.3   0.8   7  OFF COAST OF CHIAPAS, MEXICO. MD 4.5 (UNM).
25  18 05 57.5* 15.501 N   60.813 W   33 N        0.7   5  LEEWARD ISLANDS. MD 2.2 (FDF).
25  18 34 29.5* 3.632  S  138.137 E   33 N  4.4   1.0   8  IRIAN JAYA, INDONESIA
25  20 16 41.4  12.493 N  142.469 E   47 *  4.9 4.6  1.2  61  SOUTH OF MARIANA ISLANDS. Mw 5.1 (HRV).
                                                           Centroid, Moment Tensor (HRV): Centroid origin time
                                                            20:16:36.8; Lat 12.20 N; Lon 142.76 E; Dep 15.0 Fix; Half-
                                                            duration 1.0 sec; Principal axes (scale 10**16 Nm): (T)
                                                            Val=6.43, Plg=17, Azm=324; (N) Val=-1.84, Plg=12, Azm=58;
                                                            (P) Val=-4.59, Plg=69, Azm=181; Best double couple:
                                                            Mo=5.5*10**16 Nm; NP1: Strike=36, Dip=30, Slip=-115; NP2:
                                                            Strike=244, Dip=63, Slip=-77.
25  20 52 52.6* 12.328 N  142.591 E   33 N  4.4   1.3  10  SOUTH OF MARIANA ISLANDS
25  21 23 25.5* 41.834 N  141.870 E   33 N  3.9   1.5  14  HOKKAIDO, JAPAN REGION
25  22 26 03.8& 63.532 N  151.009 W   55                22  CENTRAL ALASKA. <AEIC>. ML 3.0 (AEIC), 3.1 (PMR).
25  22 42 03.6  37.337 N   72.311 E  171 *  4.0   1.0  22  TAJIKISTAN
25  23 11 20.6& 43.040 N    0.370 W    2                 7  PYRENEES. <STR>. ML 2.4 (STR).
25  23 12 02.7* 36.163 N   21.808 E   33 N  4.0   1.3  26  SOUTHERN GREECE
26  00 30 04.8  11.359 N  139.245 E   33 N  5.4 5.6  1.4  180  W. CAROLINE ISLANDS, MICRONESIA. Mw 6.0 (HRV), 5.9 (GS). Me
                                                            5.4 (GS).
                                                           Broadband Source Parameters (GS): Dep 14; Radiated energy
                                                            2.9*10**12 Nm.
                                                           Moment Tensor (GS): Dep 17; Principal axes (scale 10**17
                                                            Nm): (T) Val=6.66, Plg=45, Azm=278; (N) Val=0.71, Plg=37,
                                                            Azm=55; (P) Val=-7.37, Plg=22, Azm=163; Best double couple:
                                                            Mo=7.0*10**17 Nm; NP1: Strike=299, Dip=40, Slip=159; NP2:
                                                            Strike=45, Dip=77, Slip=52.
                                                           Centroid, Moment Tensor (HRV): Centroid origin time
                                                            00:30:07.4; Lat 11.35 N; Lon 139.24 E; Dep 15.0 Bdy; Half-
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duration 2.5 sec; Principal axes (scale 10**18 Nm): (T) Val=1.16, Plg=42, Azm=267; (N) Val=0.04, Plg=46, Azm=66; (P) Val=-1.20, Plg=11, Azm=167; Best double couple: Mo=1.2*10**18 Nm; NP1: Strike=298, Dip=53, Slip=154; NP2: Strike=44, Dip=70, Slip=40.

26	00	39	15.2*	11.400	N	139.455	E	33	N	4.6	1.0	20	W. CAROLINE ISLANDS, MICRONESIA
26	00	47	54.4*	11.333	N	139.525	E	33	N	4.4	0.8	12	W. CAROLINE ISLANDS, MICRONESIA
26	01	01	22.3	36.137	N	21.828	E	33	N	4.9	1.4	30	SOUTHERN GREECE
26	01	21	12.3*	36.614	N	71.378	E	238	*	4.3	1.0	9	AFGHANISTAN-TAJIKISTAN BORD REG.
26	01	28	22.5&	38.922	N	20.640	E	0		5.1 5.4		472	GREECE. <THE>. Mw 5.6 (HRV). ML 4.8 (THE). At least 20 buildings damaged in the Preveza area. Felt strongly throughout Ipeiros. Felt on the Ionian Islands. Also felt (IV) at Bitola, Ohrid and Resen, former Yugoslav Republic of Macedonia. Centroid, Moment Tensor (HRV): Centroid origin time 01:28:28.6; Lat 38.96 N; Lon 20.54 E; Dep 15.0 Fix; Half-duration 1.4 sec; Principal axes (scale 10**17 Nm): (T) Val=2.68, Plg=13, Azm=309; (N) Val=-0.25, Plg=69, Azm=179; (P) Val=-2.43, Plg=16, Azm=42; Best double couple: Mo=2.6*10**17 Nm; NP1: Strike=85, Dip=69, Slip=-1; NP2: Strike=176, Dip=89, Slip=-159.
26	01	34	49.9	0.167	S	122.713	E	184		4.5	0.9	27	MINAHASSA PENINSULA, SULAWESI
26	01	56	29.1&	63.182	N	147.701	W	1				36	CENTRAL ALASKA. <AEIC>. ML 3.1 (AEIC), 3.3 (PMR).
26	02	39	13.1*	36.064	N	21.874	E	10	G	3.7	1.1	11	SOUTHERN GREECE
26	02	53	21.5	46.414	N	15.053	E	10	G		0.9	8	NORTHWESTERN BALKAN REGION. ML 1.8 (VIE).
26	03	24	04.5&	38.074	N	112.192	W	1		3.0		38	UTAH. <SLC-P>. ML 3.6 (SLC).
26	04	01	35.7	7.513	S	154.730	E	33	N	5.0 4.4	1.1	69	SOLOMON ISLANDS. Mw 5.0 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 04:01:42.4; Lat 6.92 S; Lon 154.70 E; Dep 40.2; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=3.45, Plg=14, Azm=333; (N) Val=0.61, Plg=6, Azm=241; (P) Val=-4.06, Plg=75, Azm=127; Best double couple: Mo=3.8*10**16 Nm; NP1: Strike=72, Dip=32, Slip=-78; NP2: Strike=238, Dip=59, Slip=-97.
26	06	16	54.4	48.033	N	147.018	E	433		4.3	1.1	44	SEA OF OKHOTSK
26	07	04	01.6&	59.792	N	148.675	W	6				39	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.2 (AEIC).
26	07	24	50.4*	17.607	N	147.555	E	53	D	3.4	1.1	7	MARIANA ISLANDS REGION
26	07	40	31.9*	12.914	S	166.823	E	117	?	4.8	1.1	37	SANTA CRUZ ISLANDS
26	07	59	24.3&	31.087	S	71.749	W	36				14	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.2 (GUC).
26	09	07	02.9	19.041	N	63.883	W	10	G	3.6	0.4	12	LEEWARD ISLANDS. MD 3.8 (FDF). ML 3.7 (RSPR).
26	09	46	57.2	24.411	S	179.788	E	550	G	4.6	0.7	76	SOUTH OF FIJI ISLANDS
26	09	49	04.4	44.537	N	129.476	W	10	G	3.1	0.6	42	OFF COAST OF OREGON
26	11	48	52.6*	36.051	N	21.793	E	10	G	3.5	1.3	10	SOUTHERN GREECE
26	12	02	03.7	39.070	N	20.586	E	10	G	4.4 4.1	1.5	78	GREECE-ALBANIA BORDER REGION. ML 4.2 (THE).
26	12	56	39.8&	44.676	N	6.719	E	15				6	FRANCE. <GEN>. ML 2.0 (GEN).
26	14	37	13.0*	7.879	S	156.175	E	33	N	4.5	0.8	15	SOLOMON ISLANDS
26	16	29	22.3&	63.533	N	150.867	W	11				21	CENTRAL ALASKA. <AEIC>. ML 2.8 (AEIC), 3.0 (PMR).
26	16	37	23.0&	51.510	N	130.780	W	10	G			7	QUEEN CHARLOTTE ISLANDS REGION. <PGC-P>. ML 3.5 (PGC).
26	18	36	35.5*	23.343	S	175.531	W	33	N	4.5	1.2	15	TONGA ISLANDS REGION
26	19	37	57.1	30.341	S	71.432	W	46	D	4.1	1.4	28	NEAR COAST OF CENTRAL CHILE. MD 4.5 (GUC). Felt (V) at Punitaqui; (IV) at Monte Patria and Ovalle; (III) at Hurtado; (II) at Combarbala.
26	19	40	34.4*	56.355	S	27.371	W	112	?	4.4	0.7	15	SOUTH SANDWICH ISLANDS REGION
26	20	45	29.4*	43.452	N	82.885	E	33	N		1.2	6	NORTHERN XINJIANG, CHINA
26	20	57	07.8&	21.018	N	99.355	W	85				8	CENTRAL MEXICO. <UNM>. MD 3.6 (UNM).
26	21	10	35.1*	43.380	N	82.906	E	33	N	3.4	0.8	8	NORTHERN XINJIANG, CHINA
26	21	45	09.9?	23.55	S	175.71	W	138	?	4.9	1.0	13	TONGA ISLANDS REGION
26	21	53	05.4	29.127	N	130.482	E	42	*	4.6	1.0	20	RYUKYU ISLANDS, JAPAN
26	21	56	04.7*	36.598	N	71.233	E	238	*	3.6	0.9	12	AFGHANISTAN-TAJIKISTAN BORD REG.
26	21	58	46.6	42.196	N	107.570	W	5	G		1.0	45	WYOMING. ML 4.0 (GS). Felt at Bairoil.
26	22	04	01.3*	5.859	S	151.759	E	33	N	4.9	1.1	29	NEW BRITAIN REGION, P.N.G.
26	23	20	48.0&	40.450	N	125.350	W	5				7	OFF COAST OF NORTHERN CALIFORNIA. <NC-P>. MD 2.8 (NC).
26	23	47	56.3*	5.854	S	151.718	E	49	*	4.6	1.0	22	NEW BRITAIN REGION, P.N.G.
26	23	49	40.6?	35.99	N	22.04	E	10	G	3.6	1.2	8	CENTRAL MEDITERRANEAN SEA
26	23	56	07.0&	44.905	N	6.617	E	3				18	FRANCE. <GEN>. ML 2.5 (GEN), 2.1 (STR).
27	00	35	43.4&	63.908	N	149.023	W	6				10	CENTRAL ALASKA. <AEIC>. ML 2.4 (AEIC), 3.0 (PMR).
27	00	44	16.6	14.934	S	167.381	E	114	D	5.0	1.1	160	VANUATU ISLANDS. Mw 5.3 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 00:44:19.1; Lat 15.11 S; Lon 167.22 E; Dep 119.2; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=1.03, Plg=50, Azm=177; (N) Val=-0.08, Plg=37, Azm=329; (P) Val=-0.95, Plg=14, Azm=69; Best double couple: Mo=9.9*10**16 Nm; NP1: Strike=198, Dip=45, Slip=148; NP2: Strike=312, Dip=68, Slip=50.
27	01	01	25.6&	32.676	S	70.099	W	116				12	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.8 (GUC).
27	01	02	33.3&	16.572	N	96.271	W	70				38	OAXACA, MEXICO. <UNM>. MD 4.4 (UNM).
27	01	17	43.4	38.037	N	74.167	E	156	*		0.4	15	TAJIKISTAN-XINJIANG BORDER REG.
27	01	42	29.0*	22.766	S	178.948	W	542	?	4.3	0.6	16	SOUTH OF FIJI ISLANDS
27	02	34	43.2&	32.597	S	71.874	W	21				18	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.0 (GUC).
27	03	08	21.5	35.946	N	21.944	E	33	N	4.5 4.3	1.2	49	CENTRAL MEDITERRANEAN SEA
27	03	35	34.3&	35.780	N	117.651	W	1				33	CENTRAL CALIFORNIA. <PAS-P>. ML 4.0 (PAS), 4.1 (BRK). Felt (III) at Inyokern and Ridgecrest. Also felt at Trona.
27	03	47	02.9*	34.268	N	26.203	E	33	N	3.3	0.9	14	CRETE, GREECE
27	04	06	54.3*	5.894	S	151.779	E	33	N	4.6	1.0	19	NEW BRITAIN REGION, P.N.G.
27	04	18	09.9*	11.278	N	139.293	E	33	N	4.2	1.3	15	W. CAROLINE ISLANDS, MICRONESIA
27	04	46	00.2	9.791	N	124.931	E	38		4.6	1.0	25	MINDANAO, PHILIPPINES
27	05	42	46.9*	37.535	N	135.543	E	348	*		0.9	13	SEA OF JAPAN
27	06	43	40.8	25.438	N	122.286	E	246		3.9	0.9	27	TAIWAN REGION
27	07	35	00.2	11.727	N	86.976	W	65		5.0	1.0	171	NEAR COAST OF NICARAGUA. Mw 5.2 (HRV). MD 4.6 (CASC). Centroid, Moment Tensor (HRV): Centroid origin time 07:35:01.9; Lat 11.51 N; Lon 87.48 W; Dep 40.2; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=6.97, Plg=65, Azm=74; (N) Val=0.24, Plg=13, Azm=314;

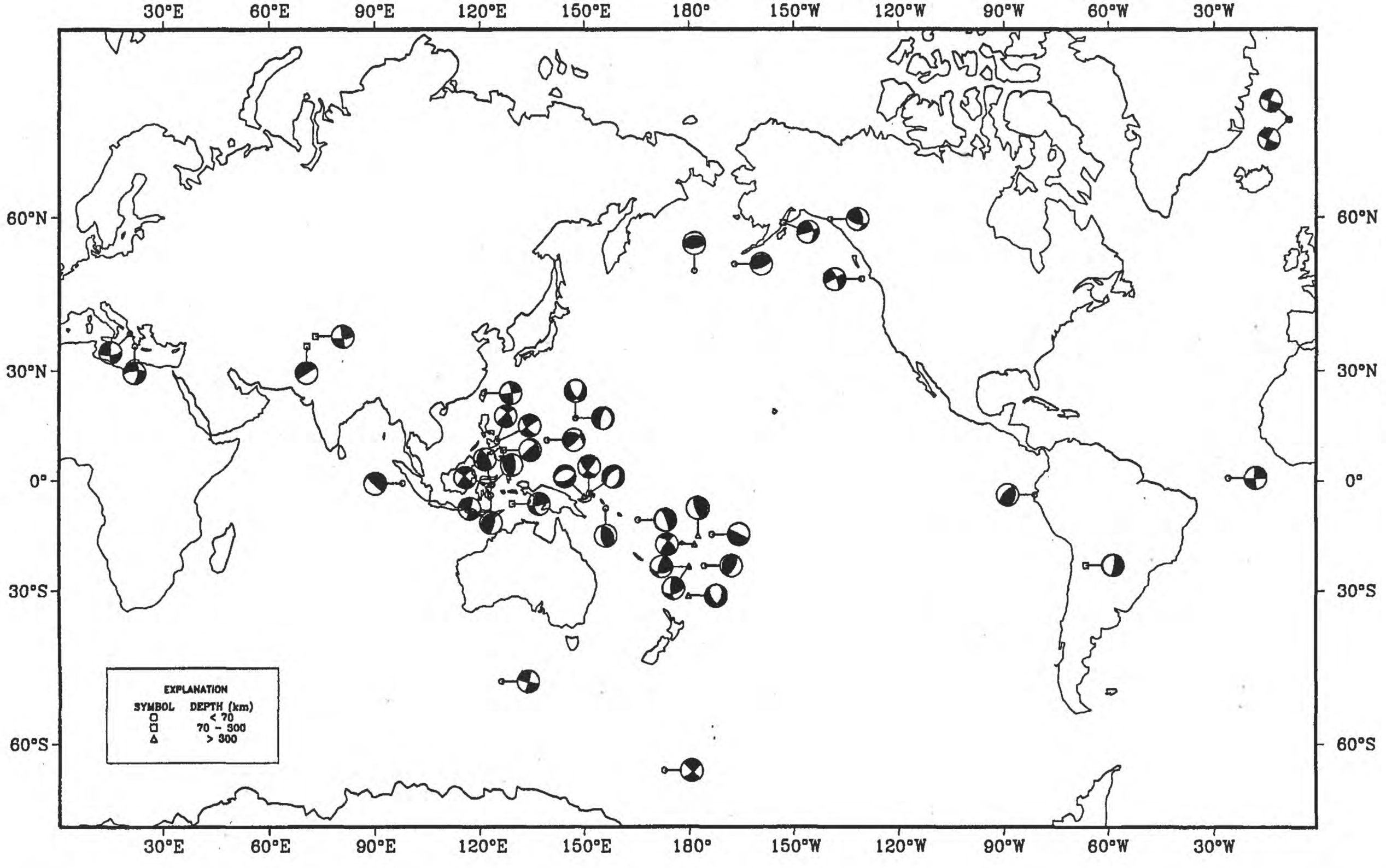
													(P) Val=-7.21, Plg=21, Azm=219; Best double couple: Mo=7.1*10**16 Nm; NP1: Strike=286, Dip=27, Slip=60; NP2: Strike=139, Dip=67, Slip=104.
27	07	41	35.8&	61.290	N	150.137	W	10				7	SOUTHERN ALASKA. <AEIC>.
27	07	49	31.1	36.144	N	35.107	E	33	N	4.4	1.0	33	TURKEY. ML 4.3 (CSS).
27	07	49	55.0&	36.492	N	3.026	W	0	G			23	STRAIT OF GIBRALTAR. <MDD>. mbLg 3.1 (MDD).
27	07	55	26.0&	41.120	S	174.580	E	35				13	COOK STRAIT, NEW ZEALAND. <WEL>. ML 3.4 (WEL).
27	08	12	15.5?	13.23	N	90.73	W	33	N		1.1	7	NEAR COAST OF GUATEMALA
27	08	25	23.0	6.609	S	154.900	E	99	*	4.7	0.8	44	SOLOMON ISLANDS
27	09	01	09.1*	6.878	S	148.495	E	74	?	4.2	0.6	9	NEW BRITAIN REGION, P.N.G.
27	12	47	25.1&	37.690	S	178.920	E	33	N			9	OFF E. COAST OF N. ISLAND, N.Z. <WEL>. ML 4.0 (WEL).
27	13	14	47.8&	36.067	N	117.643	W	0				20	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 3.1 (PAS).
27	13	49	34.6*	21.794	N	144.477	E	33	N	4.2	1.0	14	MARIANA ISLANDS REGION
27	14	55	56.7&	35.372	S	71.178	W	116				9	CENTRAL CHILE. <GUC>. MD 3.0 (GUC).
27	15	15	26.5&	37.464	N	3.892	W	16				11	SPAIN. <MDD>. mbLg 1.4 (MDD).
27	15	16	43.6&	36.544	N	2.979	W	0	G			10	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.1 (MDD).
27	15	59	39.3&	37.451	N	3.355	W	0	G			12	SPAIN. <MDD>. mbLg 1.9 (MDD).
27	16	54	07.4?	13.20	N	144.01	E	140	*	4.9	1.2	8	MARIANA ISLANDS
27	18	00	56.5?	5.31	S	151.20	E	64	?	4.1	1.0	7	NEW BRITAIN REGION, P.N.G.
27	18	23	40.0&	19.004	N	104.706	W	17				8	NEAR COAST OF JALISCO, MEXICO. <UNM>. MD 4.4 (UNM).
27	18	50	36.8&	61.094	N	150.962	W	5				31	SOUTHERN ALASKA. <AEIC>. ML 3.0 (AEIC), 3.2 (PMR).
27	19	03	45.2?	17.33	N	147.83	E	43	D		1.3	7	MARIANA ISLANDS REGION
27	19	21	26.5	23.866	S	177.104	W	178	?	4.4	1.1	50	SOUTH OF FIJI ISLANDS
27	21	06	10.9*	53.630	N	161.815	E	46	*		0.9	13	OFF EAST COAST OF KAMCHATKA
27	21	08	13.6&	38.270	S	176.130	E	172				19	NORTH ISLAND, NEW ZEALAND. <WEL>.
27	21	58	18.8	38.341	N	108.859	W	5	G		0.8	40	COLORADO. ML 4.3 (GS). Felt in the Paradox area.
27	22	35	03.6&	36.583	N	2.518	W	0	G			6	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.0 (MDD).
27	23	57	52.9%	52.071	N	30.968	W	10	G		1.0	9	NORTHERN MID-ATLANTIC RIDGE
28	00	03	36.2?	45.25	N	14.52	E	5	G		0.6	7	NORTHWESTERN BALKAN REGION. ML 2.7 (VIE).
28	00	59	39.4*	7.600	S	120.284	E	324	*	4.4	1.2	25	FLORES SEA
28	01	09	35.5	37.935	N	73.239	E	156	*	3.8	1.2	25	TAJIKISTAN
28	01	12	09.9?	35.87	N	71.35	E	33	N	3.7	1.1	10	PAKISTAN
28	01	33	21.3&	34.637	N	33.688	E	35				6	CYPRUS REGION. <CSS>.
28	01	49	01.9*	12.562	N	142.720	E	62	?	4.5	0.9	19	SOUTH OF MARIANA ISLANDS
28	01	59	45.9&	37.383	N	2.213	W	0	G			7	SPAIN. <MDD>. mbLg 2.2 (MDD).
28	04	25	12.2&	58.279	N	151.887	W	45				10	KODIAK ISLAND REGION, ALASKA. <AEIC>. ML 2.8 (AEIC).
28	04	57	20.2&	17.583	N	61.737	W	11				7	LEEWARD ISLANDS. <TRN>. MD 3.5 (TRN).
28	05	01	52.3	11.489	N	86.932	W	60	*	4.6	1.1	66	NEAR COAST OF NICARAGUA. MD 4.5 (CASC).
28	05	02	11.5	20.089	S	175.830	W	226	?	4.5	0.9	50	TONGA ISLANDS
28	05	28	12.5&	34.071	S	70.098	W	7				13	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.7 (GUC).
28	06	26	20.3*	1.262	S	123.263	E	55	*	4.7	1.6	42	SULAWESI, INDONESIA
28	07	14	26.3	48.538	N	17.436	E	5	G		0.6	9	CZECH AND SLOVAK REPUBLICS. ML 2.8 (VIE).
28	08	36	21.7	17.868	S	178.568	W	577	*	4.3	0.9	78	FIJI ISLANDS REGION
28	08	46	56.0*	24.026	S	66.679	W	185	?	4.4	0.8	11	SALTA PROVINCE, ARGENTINA
28	09	10	15.5&	47.730	N	7.550	E	2	G			7	SWITZERLAND. <STR>. ML 2.3 (STR).
28	10	03	50.2&	33.392	S	70.416	W	96				12	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.8 (GUC).
28	10	09	32.5&	34.865	S	71.042	W	97				7	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 2.3 (GUC).
28	11	17	26.1&	44.082	N	8.536	E	5				17	NORTHERN ITALY. <GEN>. ML 2.6 (GEN), 2.4 (STR).
28	11	21	33.4	34.732	N	85.604	E	33	N	4.0	1.2	19	XIZANG
28	11	22	24.7	46.880	N	10.466	E	10	G		1.0	12	NORTHERN ITALY. ML 3.2 (FUR), 2.9 (VIE), 2.6 (STR).
28	11	32	07.0	33.809	N	87.820	W	5	G		0.6	6	ALABAMA. mbLg 3.0 (GS). Felt at Fayette.
28	12	26	33.4&	35.680	N	1.526	W	10				21	NORTHERN ALGERIA. <MDD>. mbLg 3.1 (MDD).
28	13	54	58.3*	6.878	S	130.240	E	54	?	4.7	0.9	26	BANDA SEA
28	14	52	01.1*	33.743	N	74.711	E	59	?	4.0	0.7	7	SOUTHWESTERN KASHMIR
28	18	15	44.1*	53.658	N	160.541	E	67	*		1.3	15	NEAR EAST COAST OF KAMCHATKA
28	18	17	44.9&	36.686	N	7.289	W	15				15	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.7 (MDD).
28	18	57	39.1	2.877	S	141.890	E	10	G	4.5	0.7	18	NEAR N COAST OF NEW GUINEA, PNG.
28	18	59	05.4*	36.023	N	21.970	E	33	N	3.7	0.8	10	SOUTHERN GREECE
28	19	04	55.5&	43.130	N	1.100	W	2	G			4	PYRENEES. <STR>. ML 2.1 (STR).
28	19	08	04.1%	45.824	N	26.770	E	100	G		0.3	6	ROMANIA
28	19	58	14.9&	38.770	S	175.340	E	213				15	NORTH ISLAND, NEW ZEALAND. <WEL>.
28	20	56	26.6	15.271	S	173.510	W	79	D	5.0	0.6	92	TONGA ISLANDS
28	21	00	54.5	15.238	S	167.380	E	140	D	4.6	1.0	76	VANUATU ISLANDS
28	23	40	09.4	12.518	N	142.560	E	53	*	4.6 4.1	1.0	27	SOUTH OF MARIANA ISLANDS
29	01	36	34.8&	44.518	N	7.236	E	6				6	NORTHERN ITALY. <GEN>. ML 1.9 (GEN).
29	02	14	01.8*	30.944	N	87.111	E	33	N	4.1	1.5	10	XIZANG
29	02	30	55.0	33.417	S	68.504	W	10	G		0.8	14	MENDOZA PROVINCE, ARGENTINA. MD 4.3 (GUC).
29	02	53	00.4&	40.140	S	173.670	E	166				14	COOK STRAIT, NEW ZEALAND. <WEL>.
29	02	58	18.1*	1.224	S	97.497	E	33	N	4.6	0.6	22	SOUTHWEST OF SUMATERA, INDONESIA
29	03	00	27.1?	22.74	N	143.04	E	33	N	3.6	1.3	8	VOLCANO ISLANDS, JAPAN REGION
29	03	06	10.5*	30.759	N	86.984	E	33	N	4.4	1.3	21	XIZANG
29	03	26	24.2&	34.662	S	71.914	W	12				6	NEAR COAST OF CENTRAL CHILE. <GUC>.
29	03	36	31.6*	54.484	N	161.896	W	59	*	3.6	1.4	9	ALASKA PENINSULA
29	04	00	13.6&	36.458	N	3.014	W	0				18	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.9 (MDD).
29	04	30	16.7?	20.82	S	173.48	W	33	N		1.4	9	TONGA ISLANDS
29	05	01	06.3&	17.271	N	98.450	W	81				22	GUERRERO, MEXICO. <UNM>. MD 4.0 (UNM).
29	05	42	11.5&	16.137	N	98.006	W	5	G			8	NEAR COAST OF GUERRERO, MEXICO. <UNM>. MD 3.8 (UNM).
29	06	01	59.2	0.019	N	119.936	E	33	N	4.7 3.9	0.8	45	MINAHASSA PENINSULA, SULAWESI
29	06	32	44.2&	42.580	N	1.040	E	10				26	PYRENEES. <STR>. ML 3.6 (STR). mbLg 3.4 (MDD). Felt (III) at Espot and (II) at Esterri de Aneu and Llavorsi, Spain.
29	06	48	03.8	33.401	N	142.468	E	33	N	4.7	1.2	19	OFF EAST COAST OF HONSHU, JAPAN
29	08	11	34.6&	31.734	S	71.842	W	24				11	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.3 (GUC).
29	10	54	42.7*	51.100	N	15.757	E	5	G		0.1	5	POLAND. ML 2.1 (CLL), 2.1 (BRG).
29	11	02	48.3*	2.579	N	126.664	E	44	?	4.1	1.2	9	NORTHERN MOLUCCA SEA
29	11	48	11.0*	2.687	N	128.755	E	214	*	4.7	0.9	23	HALMAHERA, INDONESIA
29	11	57	26.7&	44.517	N	7.216	E	7				4	NORTHERN ITALY. <GEN>. ML 1.6 (GEN).
29	13	11	26.7?	5.98	S	151.96	E	33	N	4.0	1.1	7	NEW BRITAIN REGION, P.N.G.
29	13	23	54.8	36.317	N	138.269	E	182		4.3	0.9	37	EASTERN HONSHU, JAPAN
29	14	56	37.4*	55.890	S	27.312	W	100	G	3.9	0.6	10	SOUTH SANDWICH ISLANDS REGION
29	15	06	14.9&	32.174	S	69.927	W	138		3.5		16	MENDOZA PROVINCE, ARGENTINA. <GUC>. MD 3.8 (GUC).
29	15	46	19.2&	19.772	N	104.669	W	33				8	NEAR COAST OF JALISCO, MEXICO. <UNM>. MD 4.2 (UNM).
29	15	55	27.7*	55.987	S	24.262	W	33	N	4.2	0.4	7	SOUTH SANDWICH ISLANDS REGION
29	16	38	07.2?	17.05	S	66.86	E	33	N	4.4	1.2	6	MAURITIUS - REUNION REGION

29	17	03	23.3*	29.135	S	13.764	W	10	G	4.4	4.3	1.3	9 SOUTHERN MID-ATLANTIC RIDGE
29	17	03	37.8&	14.763	N	60.720	W	65					8 WINDWARD ISLANDS. <TRN>. MD 2.9 (TRN), 2.3 (FDF).
29	17	21	30.0*	29.195	N	139.330	E	428	*	4.6		0.9	18 SOUTHEAST OF HONSHU, JAPAN
29	17	26	12.1*	50.277	N	176.403	W	33	N	3.9		0.9	13 ANDREANOF ISLANDS, ALEUTIAN IS.
29	17	29	56.7&	44.462	N	6.740	E	5					20 FRANCE. <GEN>. ML 2.5 (GEN), 2.3 (STR).
29	17	44	43.7&	40.172	N	1.883	W	6					14 SPAIN. <MDD>. mbLg 2.7 (MDD).
29	18	14	55.1&	14.899	N	92.340	W	97					6 NEAR COAST OF CHIAPAS, MEXICO. <UNM>. MD 4.2 (UNM).
29	18	45	34.8&	10.698	N	62.383	W	96					5 NEAR COAST OF VENEZUELA. <TRN>. MD 3.4 (TRN).
29	19	00	27.2&	16.210	N	98.523	W	5	G				7 NEAR COAST OF GUERRERO, MEXICO. <UNM>. MD 3.8 (UNM).
29	19	38	14.9*	39.231	N	135.930	E	366	*			0.7	10 SEA OF JAPAN
29	19	40	25.1*	53.097	N	160.068	E	60				1.0	10 NEAR EAST COAST OF KAMCHATKA
29	20	12	15.8&	44.443	N	6.774	E	0					7 FRANCE. <GEN>. ML 1.9 (GEN).
29	20	13	43.7*	57.840	S	25.286	W	33	N	4.0		1.0	11 SOUTH SANDWICH ISLANDS REGION
29	20	42	59.4&	34.616	S	70.759	W	99					9 CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.9 (GUC).
29	21	03	23.3	27.723	N	130.854	E	33	N	4.4		0.9	27 RYUKYU ISLANDS, JAPAN
29	21	30	40.4&	47.510	N	6.880	E	2	G				6 FRANCE. <STR>. ML 2.0 (STR).
29	21	37	50.9&	61.944	N	150.766	W	57					36 SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC), 2.9 (PMR).
29	21	59	30.9&	15.224	N	93.139	W	31					4 NEAR COAST OF CHIAPAS, MEXICO. <UNM>. MD 4.3 (UNM).
29	22	04	46.4?	15.35	N	92.90	W	104	*			0.5	6 MEXICO-GUATEMALA BORDER REGION. MD 4.0 (UNM).
29	23	20	00.3	0.284	N	119.753	E	59	D	4.5		0.7	21 MINAHASSA PENINSULA, SULAWESI
29	23	21	33.9&	39.350	N	123.042	W	7					18 NEAR COAST OF NORTHERN CALIF. <NC-P>. MD 3.3 (NC). ML 3.1 (BRK). Felt at Redwood Valley.
29	23	37	56.5	46.396	N	15.083	E	10	G			0.3	7 NORTHWESTERN BALKAN REGION. ML 2.0 (VIE).
30	00	21	50.7&	44.120	N	7.935	E	6					8 NORTHERN ITALY. <GEN>. ML 2.1 (GEN).
30	00	42	10.2*	41.981	N	20.502	E	10	G			1.1	5 ALBANIA. ML 2.8 (SKO).
30	00	47	10.2*	3.772	S	101.887	E	33	N	4.6		0.9	24 SOUTHERN SUMATERA, INDONESIA
30	02	08	06.2?	51.35	N	16.24	E	5	G			0.7	6 POLAND. ML 2.0 (BRG).
30	02	11	02.7&	19.324	N	155.224	W	5					29 HAWAII. <HVO-P>. ML 4.0 (HVO). Felt at Glenwood, Hilo, Volcano and Waimea.
30	02	31	49.2&	44.122	N	7.928	E	6					7 NORTHERN ITALY. <GEN>. ML 2.0 (GEN).
30	03	13	42.3*	36.495	N	70.444	E	212	*	4.5		1.0	27 HINDU KUSH REGION, AFGHANISTAN
30	03	50	07.1&	40.190	S	174.970	E	11					9 COOK STRAIT, NEW ZEALAND. <WEL>. ML 3.5 (WEL).
30	04	44	46.5	36.934	N	35.721	E	10	G			0.5	14 TURKEY
30	05	18	45.6*	36.158	S	52.576	E	10	G	4.4		1.2	12 SOUTHWEST INDIAN RIDGE
30	06	39	00.2	63.622	S	172.741	E	10	G	5.4	5.6	1.0	77 BALLENY ISLANDS REGION. Mw 5.9 (GS), 5.8 (HRV). Moment Tensor (GS): Dep 16; Principal axes (scale 10**17 Nm): (T) Val=6.21, Plg=10, Azm=4; (N) Val=1.33, Plg=76, Azm=139; (P) Val=-7.54, Plg=9, Azm=272; Best double couple: Mo=6.9*10**17 Nm; NP1: Strike=48, Dip=76, Slip=180; NP2: Strike=138, Dip=90, Slip=14. Centroid, Moment Tensor (HRV): Centroid origin time 06:39:05.2; Lat 63.72 S; Lon 172.71 E; Dep 15.0 Fix; Half-duration 1.9 sec; Principal axes (scale 10**17 Nm): (T) Val=6.66, Plg=18, Azm=8; (N) Val=-0.87, Plg=70, Azm=217; (P) Val=-5.79, Plg=9, Azm=101; Best double couple: Mo=6.2*10**17 Nm; NP1: Strike=146, Dip=71, Slip=6; NP2: Strike=54, Dip=84, Slip=161.
30	06	42	37.9&	34.845	S	71.041	W	97					5 NEAR COAST OF CENTRAL CHILE. <GUC>.
30	07	47	01.0*	1.153	S	123.519	E	86	*			0.7	9 SULAWESI, INDONESIA
30	08	15	19.0&	33.028	S	72.018	W	8					9 OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.4 (GUC).
30	08	17	43.4*	40.642	N	34.644	E	10	G	4.0		1.5	12 TURKEY
30	08	28	00.7&	34.275	S	70.017	W	4					10 CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.3 (GUC).
30	09	32	55.2	46.427	N	15.123	E	10	G			0.9	7 NORTHWESTERN BALKAN REGION. ML 2.0 (VIE).
30	10	12	10.0	6.923	N	91.524	E	33	N	4.5		1.2	35 NICOBAR ISLANDS, INDIA REGION
30	10	36	33.7?	22.28	S	179.50	W	500	G	4.4		1.1	11 SOUTH OF FIJI ISLANDS
30	10	57	20.6&	44.131	N	7.952	E	9					5 NORTHERN ITALY. <GEN>. ML 1.8 (GEN).
30	11	06	45.6	42.218	N	107.596	W	5	G	3.1		0.8	15 WYOMING. ML 3.2 (GS). Felt at Bairoil.
30	11	13	40.3	17.786	S	178.779	W	610		4.8		0.7	145 FIJI ISLANDS REGION
30	11	34	00.3?	6.52	S	129.94	E	33	N	4.3		1.3	6 BANDA SEA
30	12	30	55.0&	42.980	S	176.340	E	33	N				14 OFF E. COAST OF S. ISLAND, N.Z. <WEL>. ML 4.2 (WEL).
30	13	29	17.9*	5.673	N	77.404	W	33	N	4.0		1.3	14 NEAR WEST COAST OF COLOMBIA
30	13	43	48.0*	36.001	N	21.981	E	33	N	3.8		0.9	11 SOUTHERN GREECE
30	14	27	47.5	37.083	N	141.198	E	49	D	4.5		1.0	35 NEAR EAST COAST OF HONSHU, JAPAN. Recorded (2 JMA) in eastern Fukushima and (1 JMA) in parts of Ibaraki, Miyagi and Tochigi Prefectures.
30	14	47	21.5&	39.358	N	123.047	W	8					13 NEAR COAST OF NORTHERN CALIF. <NC-P>. MD 2.8 (NC).
30	15	32	40.1&	44.125	N	7.946	E	13					6 NORTHERN ITALY. <GEN>. ML 1.9 (GEN).
30	15	43	24.5&	16.031	N	98.382	W	5	G				10 NEAR COAST OF GUERRERO, MEXICO. <UNM>. MD 3.9 (UNM).
30	16	12	50.3	52.763	N	160.460	E	50		4.5		1.3	73 OFF EAST COAST OF KAMCHATKA
30	16	16	27.2	35.044	N	26.897	E	33	N	4.0		1.5	34 CRETE, GREECE
30	16	41	10.4&	44.795	N	6.877	E	10					7 FRANCE. <GEN>. ML 2.2 (GEN).
30	17	06	19.0&	44.134	N	7.944	E	13					6 NORTHERN ITALY. <GEN>. ML 1.9 (GEN).
30	18	04	00.4	17.150	S	167.326	E	33	N	4.5		1.0	14 VANUATU ISLANDS
30	18	24	09.1*	7.554	S	108.666	E	231	?	4.5		1.3	18 JAWA, INDONESIA
30	19	33	34.6&	36.411	N	3.049	W	8					10 STRAIT OF GIBRALTAR. <MDD>. mbLg 2.4 (MDD).
30	19	42	33.0	36.524	N	71.536	E	107	D	4.9		0.9	94 AFGHANISTAN-TAJIKISTAN BORD REG. Mw 4.9 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 19:42:35.8; Lat 36.52 N Fix; Lon 71.54 E Fix; Dep 90.2; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=2.75, Plg=48, Azm=219; (N) Val=-0.01, Plg=39, Azm=12; (P) Val=-2.73, Plg=14, Azm=113; Best double couple: Mo=2.7*10**16 Nm; NP1: Strike=243, Dip=46, Slip=151; NP2: Strike=354, Dip=69, Slip=48.
30	19	58	50.4*	52.925	N	160.445	E	48	*	3.9		1.0	18 OFF EAST COAST OF KAMCHATKA
30	20	59	07.0*	46.253	N	15.386	E	10	G			0.9	5 NORTHWESTERN BALKAN REGION. ML 1.4 (VIE), 1.2 (LJU).
30	21	09	26.8	7.788	N	126.981	E	33	N			0.8	13 MINDANAO, PHILIPPINES
30	21	40	52.5&	44.114	N	7.937	E	11					6 NORTHERN ITALY. <GEN>. ML 1.9 (GEN).
30	22	45	09.6	46.384	N	15.084	E	10	G			0.6	9 NORTHWESTERN BALKAN REGION. ML 1.9 (VIE).
30	22	49	56.3	22.068	N	125.743	E	30	D	4.7		0.9	34 SOUTHEAST OF TAIWAN
30	22	56	41.0	4.816	N	126.078	E	135		4.5		0.9	16 TALAUD ISLANDS, INDONESIA
30	23	17	01.6	0.584	S	123.742	E	33	N	4.4		0.8	24 MINAHASSA PENINSULA, SULAWESI
30	23	17	28.3*	3.355	N	126.751	E	33	N	4.3		1.0	7 TALAUD ISLANDS, INDONESIA
30	23	38	35.5&	16.476	N	60.954	W	36					11 LEEWARD ISLANDS. <FDF>. MD 3.1 (TRN).

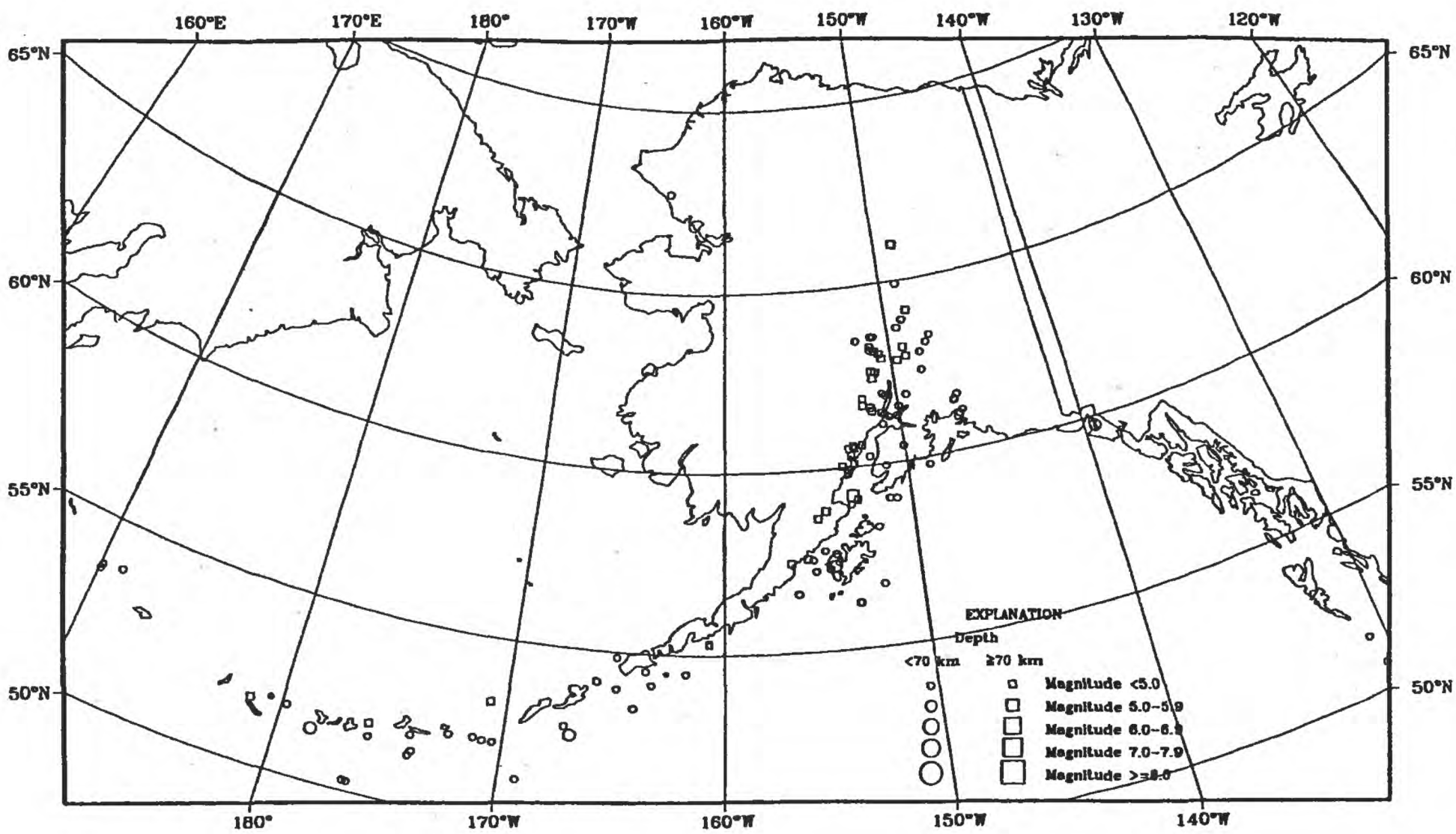
30	23	51	30.9&	44.115	N	7.936	E	8				11	NORTHERN ITALY. <GEN>. ML 2.5 (GEN).
31	00	50	38.1&	44.118	N	7.934	E	8				13	NORTHERN ITALY. <GEN>. ML 2.3 (GEN), 2.1 (LDG).
31	00	51	01.9&	44.123	N	7.936	E	15				6	NORTHERN ITALY. <GEN>. ML 1.9 (GEN).
31	02	05	52.8	47.205	N	13.295	E	10	G		0.9	6	AUSTRIA. ML 2.0 (VIE).
31	02	16	35.0&	41.310	S	174.490	E	18				9	COOK STRAIT, NEW ZEALAND. <WEL>. ML 3.5 (WEL).
31	02	35	48.0?	45.65	N	15.76	E	10	G		0.5	6	NORTHWESTERN BALKAN REGION. ML 2.0 (VIE), 1.5 (LJU).
31	03	09	34.6&	62.891	N	149.101	W	72				30	CENTRAL ALASKA. <AEIC>.
31	03	15	08.3&	32.003	N	116.336	W	6	G			9	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.3 (PAS). MD 3.2 (ECX).
31	03	23	39.4	6.735	S	128.605	E	268		4.6	1.0	64	BANDA SEA
31	04	36	05.1	0.205	S	124.437	E	54	*	4.7	1.2	44	SOUTHERN MOLUCCA SEA
31	05	10	03.5*	63.704	N	149.393	W	33	N		1.0	6	CENTRAL ALASKA. ML 2.8 (PMR).
31	05	12	04.0&	63.175	N	151.162	W	0	G			19	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC), 2.8 (PMR).
31	05	19	07.1	46.400	N	15.105	E	10	G		1.0	8	NORTHWESTERN BALKAN REGION. ML 1.9 (VIE).
31	06	13	24.8&	32.353	S	71.543	W	30				14	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.9 (GUC).
31	07	18	49.2	36.473	N	71.001	E	210	*	4.0	1.0	29	AFGHANISTAN-TAJIKISTAN BORD REG.
31	07	46	06.7&	44.804	N	7.160	E	10				82	NORTHERN ITALY. <GEN>. ML 3.6 (GEN), 3.5 (LDG), 3.2 (STR).
31	07	51	52.1	7.365	N	34.618	W	10	G	4.6 4.2	0.8	52	CENTRAL MID-ATLANTIC RIDGE
31	08	20	42.8&	47.942	N	0.144	W	2				16	FRANCE. <LDG>. ML 2.7 (LDG).
31	10	13	21.6&	48.280	N	8.170	E	2	G			6	GERMANY. <STR>. ML 1.8 (STR).
31	11	12	27.6&	34.657	N	116.336	W	3				11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
31	12	05	03.4?	27.35	N	139.75	E	490	?		1.1	7	BONIN ISLANDS, JAPAN REGION
31	12	43	08.7	42.116	N	65.169	E	33	N	4.3	0.9	28	CENTRAL KAZAKHSTAN
31	13	23	57.4	46.423	N	15.089	E	10	G		1.1	6	NORTHWESTERN BALKAN REGION. ML 2.0 (VIE).
31	16	14	40.4&	37.248	N	2.344	W	1				8	SPAIN. <MDD>. mbLg 2.3 (MDD).
31	16	25	57.4*	19.848	N	120.819	E	33	N	4.4	1.2	9	PHILIPPINE ISLANDS REGION
31	16	26	27.2	7.682	N	126.691	E	67		5.0	1.0	63	MINDANAO, PHILIPPINES
31	16	28	07.8	51.691	N	104.937	E	10	G	5.2 4.6	0.8	209	LAKE BAYKAL REGION, RUSSIA. Mw 5.0 (HRV). Felt (V) at Bolshaya Rechka, Listvyanka, Nikola and Vydrino; (IV) at Burdanovka and Irkutsk; (III) at Slyudyanka, Taloye, Tyrgan, Yelantsy and Zakamensk. Centroid, Moment Tensor (HRV): Centroid origin time 16:28:07.8; Lat 51.47 N; Lon 104.92 E; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=3.10, Plg=6, Azm=147; (N) Val=1.41, Plg=10, Azm=56; (P) Val=-4.51, Plg=78, Azm=270; Best double couple: Mo=3.8*10**16 Nm; NP1: Strike=247, Dip=40, Slip=-75; NP2: Strike=48, Dip=52, Slip=-102.
31	16	38	48.2&	10.480	N	60.933	W	30				7	TRINIDAD. <TRN>. MD 3.3 (TRN).
31	16	52	02.0&	38.968	N	26.787	E	5				9	AEGEAN SEA. <ISK>. MD 3.5 (ISK). Felt at Aliaga, Dikili and Izmir, Turkey.
31	17	37	09.0	22.269	N	94.622	E	109	*	4.3	0.6	20	MYANMAR
31	17	49	35.0&	10.681	N	60.773	W	50				4	TRINIDAD. <TRN>. MD 2.5 (TRN).
31	17	54	13.3	4.720	S	103.176	E	33	N	4.6	0.8	46	SOUTHERN SUMATERA, INDONESIA
31	18	16	42.8	45.933	N	15.301	E	10	G		0.2	6	NORTHWESTERN BALKAN REGION. ML 1.4 (LJU).
31	18	18	06.3	17.423	N	145.872	E	163	D	4.4	1.0	43	MARIANA ISLANDS
31	19	31	40.4*	36.112	N	22.159	E	33	N	3.8	1.3	25	SOUTHERN GREECE
31	21	57	46.6*	29.622	N	138.682	E	487	*	3.8	0.9	30	SOUTHEAST OF HONSHU, JAPAN
31	22	05	47.3&	44.813	N	7.289	E	8	G			18	NORTHERN ITALY. <LDG>. ML 2.6 (GEN), 2.2 (LDG).
31	22	21	05.1&	44.139	N	7.951	E	15				14	NORTHERN ITALY. <LDG>. ML 2.5 (GEN), 2.2 (LDG).
31	23	00	15.3&	44.119	N	7.945	E	16				5	NORTHERN ITALY. <GEN>. ML 1.9 (GEN).
31	23	15	54.7&	44.116	N	7.938	E	15				4	NORTHERN ITALY. <GEN>. ML 1.5 (GEN).
31	23	19	59.0&	34.816	N	33.013	E	10				7	CYPRUS REGION. <CSS>. ML 2.1 (CSS).
31	23	21	04.9&	34.140	S	70.677	W	93				10	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.1 (GUC).
31	23	40	51.6&	44.118	N	7.945	E	12				8	NORTHERN ITALY. <GEN>. ML 1.9 (GEN).
31	23	42	16.4	46.406	N	15.088	E	10	G		0.8	9	NORTHWESTERN BALKAN REGION. ML 2.0 (VIE).
31	23	58	13.6	31.278	S	68.633	W	117		3.7	1.0	25	SAN JUAN PROVINCE, ARGENTINA. MD 3.7 (GUC).

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.

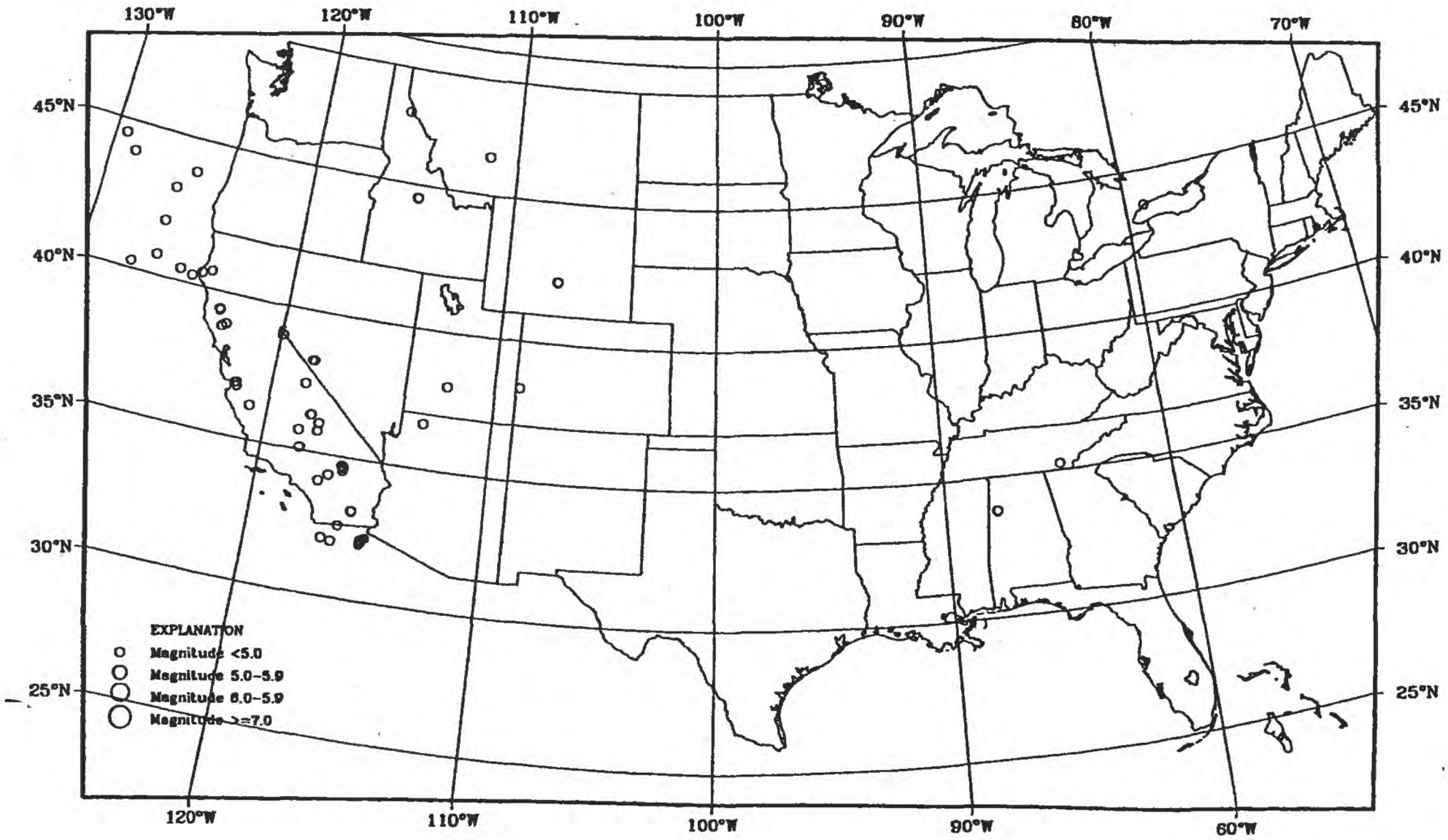
Earthquake Focal Mechanisms for May 2000



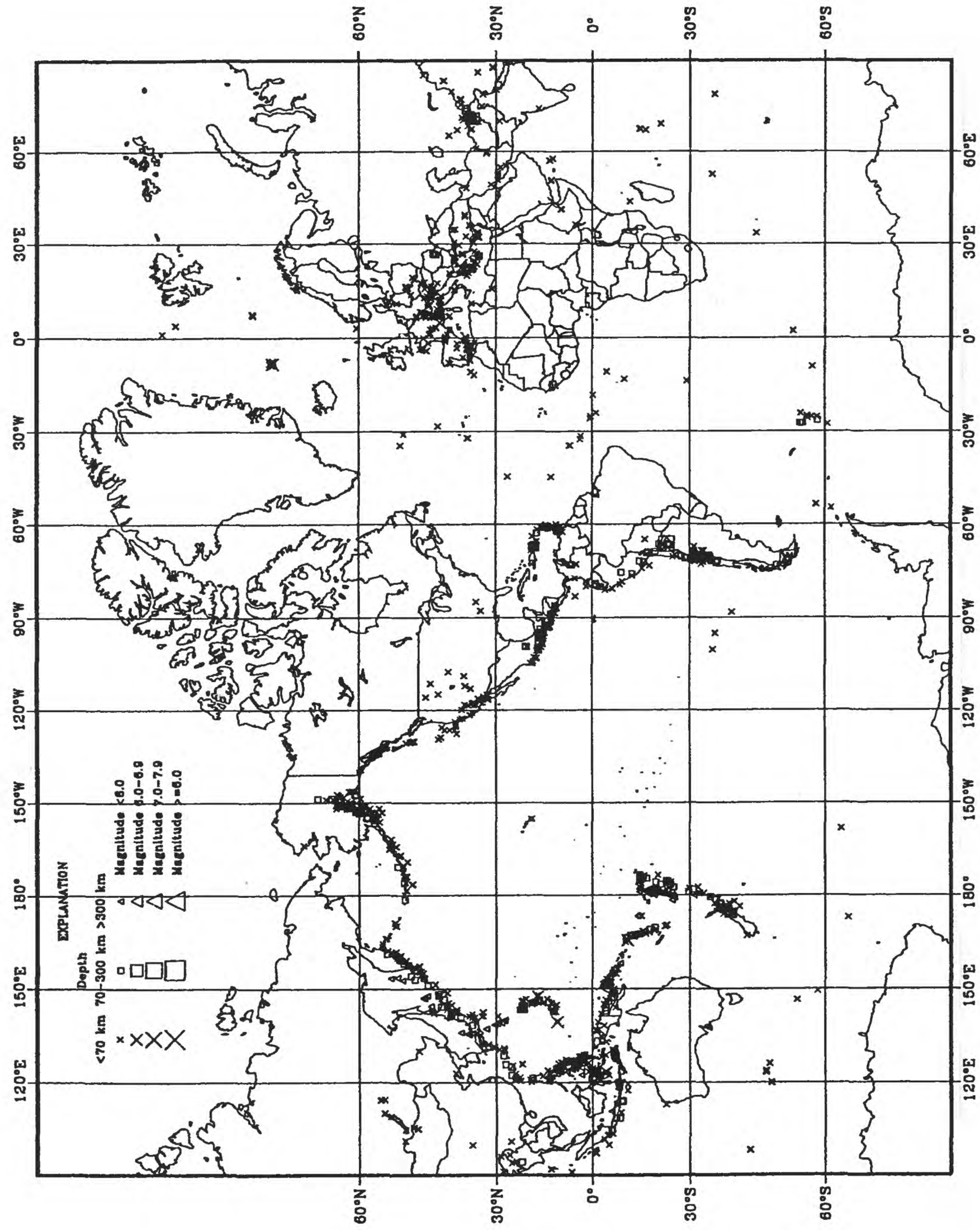
Earthquake epicenters in Alaska and adjacent regions for May 2000



Earthquake epicenters in the conterminous United States and adjacent regions for May 2000



Earthquakes located worldwide in May 2000



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 2000

ORIGIN TIME UTC DAY	HR	MN	SEC	GEOGRAPHIC COORDINATES LAT		LONG		DEPTH		MAGNITUDE GS MB		Msz	SD	GAP	NO. STA USED	F-E REGION, CONTRIBUTED MAGNITUDES AND COMMENTS
01	00	09	47.7*	46.433	N	15.101	E	10	G				1.5	133	5	NORTHWESTERN BALKAN REGION. ML 1.5 (VIE).
01	00	44	58.5&	34.657	S	72.387	W	26							11	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.9 (GUC).
01	00	53	16.4	40.303	N	6.377	E	10	G				1.0	212	37	WESTERN MEDITERRANEAN SEA. ML 3.1 (LDG). mbLg 2.5 (MDD).
01	02	15	15.3&	44.119	N	7.951	E	12							7	NORTHERN ITALY. <GEN>. ML 1.7 (GEN).
01	02	31	08.5&	45.543	N	6.629	E	5							34	FRANCE. <GEN>. ML 2.6 (GEN), 2.5 (LDG), 2.5 (STR).
01	02	37	25.3	39.480	N	74.376	E	33	N	4.4			1.4	104	47	SOUTHERN XINJIANG, CHINA
01	02	41	34.5	45.505	N	6.685	E	10	G				0.8	63	42	FRANCE. MD 3.2 (LDG). ML 2.8 (STR), 2.7 (GEN).
01	02	44	33.6&	44.116	N	7.947	E	8							4	NORTHERN ITALY. <GEN>. ML 1.8 (GEN).
01	03	00	25.9&	44.121	N	7.947	E	13							7	NORTHERN ITALY. <GEN>. ML 1.9 (GEN).
01	03	25	31.3*	23.988	S	66.884	W	200	*	4.3			1.3	150	8	JUJUY PROVINCE, ARGENTINA
01	03	35	22.4	44.743	N	149.541	E	42	*	4.7	4.1		0.8	116	98	KURIL ISLANDS
01	03	39	53.6&	44.109	N	7.935	E	5							13	NORTHERN ITALY. <GEN>. ML 2.4 (GEN), 2.1 (LDG).
01	04	09	51.4	41.074	N	75.754	E	42	*	4.0			0.6	119	24	KYRGYZSTAN
01	04	19	43.7&	44.114	N	7.938	E	11							6	NORTHERN ITALY. <GEN>. ML 1.8 (GEN).
01	04	20	06.9&	44.121	N	7.935	E	10							6	NORTHERN ITALY. <GEN>. ML 1.7 (GEN).
01	05	41	27.9	36.277	N	26.125	E	33	N	3.7			1.1	92	16	DODECANESE ISLANDS, GREECE
01	05	51	52.5*	28.097	N	129.595	E	57	*	4.5			0.9	144	14	RYUKYU ISLANDS, JAPAN
01	06	05	20.6&	15.912	N	96.719	W	17							5	NEAR COAST OF OAXACA, MEXICO. <UNM>. MD 3.9 (UNM).
01	06	22	38.4	40.785	S	174.025	E	80					0.6	67	14	COOK STRAIT, NEW ZEALAND. ML 4.3 (WEL). Felt at Paraparaumu on the North Island.
01	07	06	38.3&	60.276	N	153.587	W	177							36	SOUTHERN ALASKA. <AEIC>.
01	08	04	33.5	46.414	N	15.109	E	10	G				1.1	117	6	NORTHWESTERN BALKAN REGION. ML 1.7 (VIE).
01	08	54	28.6	46.062	N	14.758	E	10	G				0.3	74	8	NORTHWESTERN BALKAN REGION. ML 1.7 (LJU), 1.7 (VIE).
01	08	54	37.4&	34.034	S	70.327	W	2							4	CHILE-ARGENTINA BORDER REGION. <GUC>.
01	10	11	14.9&	33.903	S	70.705	W	82							11	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.3 (GUC).
01	10	41	49.5	46.414	N	15.083	E	10	G				0.8	110	9	NORTHWESTERN BALKAN REGION. ML 2.1 (VIE).
01	10	44	12.9&	44.115	N	7.943	E	12							9	NORTHERN ITALY. <GEN>. ML 2.0 (GEN).
01	10	48	21.1&	44.113	N	7.932	E	8							7	NORTHERN ITALY. <GEN>. ML 1.9 (GEN).
01	11	09	04.7&	44.119	N	7.937	E	11							5	NORTHERN ITALY. <GEN>. ML 1.7 (GEN).
01	11	09	19.0&	34.244	S	72.259	W	39							19	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.0 (GUC).
01	11	31	45.2	58.077	N	142.712	W	10	G				0.8	169	29	GULF OF ALASKA. ML 3.3 (PGC), 3.2 (AEIC).
01	11	40	01.2	44.491	N	114.978	W	5	G				0.6	105	15	WESTERN IDAHO. ML 2.9 (GS).
01	12	02	20.6?	46.11	N	14.13	E	10	G				0.1	244	4	NORTHWESTERN BALKAN REGION. ML 1.4 (LJU).
01	12	48	39.7*	1.188	S	123.575	E	79	*	4.6			1.6	117	23	SULAWESI, INDONESIA
01	13	02	05.7*	4.244	N	96.419	E	100	G	4.3			1.3	141	10	NORTHERN SUMATERA, INDONESIA
01	13	21	09.2&	59.422	N	152.610	W	81							6	SOUTHERN ALASKA. <AEIC>.
01	13	46	53.2*	8.619	S	74.631	W	33	N	3.8			1.0	156	6	PERU-BRAZIL BORDER REGION
01	13	49	26.2%	9.029	N	126.362	E	33	N				1.0	229	5	MINDANAO, PHILIPPINES
01	14	34	04.5*	45.690	N	15.673	E	10	G				0.6	194	5	NORTHWESTERN BALKAN REGION. ML 1.6 (LJU).
01	14	39	34.6&	44.113	N	7.933	E	6							8	NORTHERN ITALY. <GEN>. ML 2.0 (GEN).
01	15	07	25.4	6.517	S	130.183	E	163	*	4.7			0.9	147	34	BANDA SEA
01	15	23	10.7*	18.959	S	169.017	E	100	G				0.6	168	10	VANUATU ISLANDS
01	15	34	25.9&	40.000	S	174.970	E	12							6	COOK STRAIT, NEW ZEALAND. <WEL>. ML 3.7 (WEL).
01	16	02	02.8*	7.995	S	103.121	E	33	N	4.2			0.7	143	11	SOUTHWEST OF SUMATERA, INDONESIA
01	16	09	10.6*	1.531	S	123.902	E	33	N	4.2			1.5	135	11	SULAWESI, INDONESIA
01	16	15	13.4&	44.122	N	7.927	E	2							9	NORTHERN ITALY. <GEN>. ML 2.1 (GEN).
01	16	15	39.9&	44.113	N	7.936	E	9							9	NORTHERN ITALY. <GEN>. ML 2.0 (GEN).
01	16	29	25.6&	44.123	N	7.943	E	6							8	NORTHERN ITALY. <GEN>. ML 1.7 (GEN).
01	16	45	06.0&	34.609	S	70.681	W	113							7	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.9 (GUC).
01	17	02	39.9	5.644	S	145.089	E	112		4.9			0.8	51	151	EASTERN NEW GUINEA REG., P.N.G. Mw 5.1 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 17:02:36.6; Lat 6.10 S; Lon 145.14 E; Dep 105.6; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=5.78, Plg=84, Azm=280; (N) Val=0.32, Plg=3, Azm=47; (P) Val=-6.11, Plg=4, Azm=137; Best double couple: Mo=5.9*10**16 Nm; NP1: Strike=231, Dip=41, Slip=95; NP2: Strike=44, Dip=50, Slip=86.
01	17	08	11.1*	62.130	N	6.213	E	10	G				1.2	178	14	SOUTHERN NORWAY
01	17	56	26.3	37.453	N	20.500	E	47		4.3			1.1	87	57	IONIAN SEA
01	18	40	14.2&	44.121	N	7.944	E	5							8	NORTHERN ITALY. <GEN>. ML 1.7 (GEN).
01	19	11	02.1&	45.520	N	6.541	E	3	G						9	FRANCE. <LDG>. ML 2.1 (LDG).

01	20	05	17.2*	9.955	N	92.822	E	100	G	3.8	0.6	138	10	NICOBAR ISLANDS, INDIA REGION
01	20	32	22.2*	23.973	S	66.786	W	190	*	4.0	1.0	115	17	JUJUY PROVINCE, ARGENTINA
01	20	40	59.5	34.013	N	98.246	E	33	N	4.9	1.3	69	29	QINGHAI, CHINA. ML 4.4 (BJI).
01	20	55	04.5&	37.420	S	177.570	E	264					8	OFF E. COAST OF N. ISLAND, N.Z. <WEL>.
01	21	02	21.0&	44.117	N	7.939	E	6					10	NORTHERN ITALY. <GEN>. ML 1.9 (GEN).
01	21	02	58.4	19.417	N	65.424	W	50	*	4.4 3.8	1.2	50	37	PUERTO RICO REGION. MD 4.6 (RSPR).
01	21	03	50.6?	25.30	N	143.04	E	33	N		0.8	162	7	VOLCANO ISLANDS, JAPAN REGION
01	21	59	19.8&	32.990	S	70.439	W	96					11	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.1 (GUC).
01	22	39	03.7	46.410	N	15.091	E	10	G		1.0	110	9	NORTHWESTERN BALKAN REGION. ML 1.9 (VIE), 1.2 (LJU).
01	23	10	51.3&	19.471	N	65.033	W	26					5	PUERTO RICO REGION. <RSPR>. MD 3.7 (RSPR).
01	23	46	35.6*	22.336	N	120.915	E	41	*	4.1 3.7	0.9	116	17	TAIWAN. Felt in southern Taiwan. Recorded (3 TAP) at Tawu and (1 TAP) at Heng-chun, Kao-hsiung and Tai-tung.
01	23	48	38.6*	24.734	N	95.139	E	130	*		0.7	119	26	MYANMAR
02	00	27	47.0&	44.170	N	7.930	E	2	G				26	NORTHERN ITALY. <STR>. MD 2.5 (LDG). ML 2.4 (GEN), 2.1 (STR).
02	00	41	12.1&	44.114	N	7.934	E	8					24	NORTHERN ITALY. <GEN>. ML 2.5 (GEN), 2.2 (LDG), 2.1 (STR).
02	00	42	14.8*	15.324	S	173.322	W	33	N	4.7	1.1	123	33	TONGA ISLANDS
02	00	43	35.1&	44.121	N	7.946	E	7					5	NORTHERN ITALY. <GEN>. ML 1.7 (GEN).
02	00	46	35.0?	6.87	S	130.15	E	108	?		0.7	208	6	BANDA SEA
02	00	53	21.2*	24.195	S	67.013	W	192	*		1.0	162	8	CHILE-ARGENTINA BORDER REGION
02	00	56	21.7&	45.348	N	6.630	E	17	G				4	FRANCE. <LDG>. ML 1.5 (LDG).
02	01	28	53.8	46.416	N	15.115	E	10	G		0.8	112	9	NORTHWESTERN BALKAN REGION. ML 1.8 (VIE).
02	01	41	14.2	12.803	S	166.732	E	78	D	4.9	0.8	66	68	SANTA CRUZ ISLANDS. Mw 5.0 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 01:41:09.9; Lat 13.43 S; Lon 166.42 E; Dep 86.4; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=4.31, Plg=76, Azm=171; (N) Val=-1.04, Plg=7, Azm=53; (P) Val=-3.26, Plg=12, Azm=322; Best double couple: Mo=3.8*10**16 Nm; NP1: Strike=43, Dip=33, Slip=78; NP2: Strike=237, Dip=58, Slip=98.
02	02	53	50.6&	44.395	N	7.266	E	16					9	NORTHERN ITALY. <GEN>. ML 1.7 (GEN).
02	03	14	05.1	51.716	N	159.769	E	33	N	4.7 4.4	1.1	135	72	OFF EAST COAST OF KAMCHATKA
02	03	41	42.8	44.604	N	129.854	W	10	G	4.2	1.0	189	55	OFF COAST OF OREGON
02	04	01	23.0	44.689	N	129.725	W	10	G		0.8	218	33	OFF COAST OF OREGON
02	04	18	00.6*	37.375	N	21.681	E	10	G		1.3	138	21	SOUTHERN GREECE. ML 3.8 (THE).
02	04	22	36.3	49.577	N	155.748	E	65	*	4.4	0.8	108	51	KURIL ISLANDS
02	04	49	37.3*	36.195	N	71.638	E	168	?	4.4	0.6	98	16	AFGHANISTAN-TAJIKISTAN BORD REG.
02	05	21	57.4&	34.539	S	70.964	W	91		3.9			26	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 4.1 (GUC). Felt (III) at Curico and Talca, Chile.
02	05	26	50.8&	44.123	N	7.940	E	11					7	NORTHERN ITALY. <GEN>. ML 1.8 (GEN).
02	05	31	11.6?	4.99	N	125.07	E	33	N		1.3	190	6	TALAUD ISLANDS, INDONESIA
02	06	05	53.7	33.985	N	135.460	E	58	D	4.7	0.7	133	18	NEAR S. COAST OF WESTERN HONSHU
02	06	17	30.0	43.949	N	128.431	W	10	G	4.4	1.1	178	88	OFF COAST OF OREGON
02	07	17	03.7?	23.89	S	66.68	W	202	?	4.2	0.5	216	6	JUJUY PROVINCE, ARGENTINA
02	07	22	40.7&	44.124	N	7.922	E	2					12	NORTHERN ITALY. <GEN>. ML 2.3 (GEN), 2.1 (LDG).
02	07	23	30.0&	44.132	N	7.936	E	13					5	NORTHERN ITALY. <GEN>. ML 1.3 (GEN).
02	07	29	33.8&	44.114	N	7.932	E	15					7	NORTHERN ITALY. <GEN>. ML 1.8 (GEN).
02	07	45	57.2*	13.346	N	88.974	W	72	D	3.7	1.1	106	13	EL SALVADOR. Felt (II) at San Salvador.
02	07	51	02.7*	36.561	N	21.502	E	89	*	4.1	1.4	227	65	SOUTHERN GREECE
02	08	06	07.2&	44.113	N	7.942	E	9					7	NORTHERN ITALY. <GEN>. ML 2.0 (GEN).
02	08	06	29.5&	44.116	N	7.939	E	9					8	NORTHERN ITALY. <GEN>. ML 2.1 (GEN).
02	09	10	32.4	29.136	S	71.222	W	47	D	4.3	1.1	144	32	NEAR COAST OF CENTRAL CHILE. MD 4.6 (GUC). Felt (IV) at Alto del Carmen and Andacollo; (III) at Copiapo, Coquimbo and La Serena.
02	09	22	39.1&	32.367	S	71.560	W	39					7	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.6 (GUC).
02	10	17	24.3&	37.751	N	122.151	W	6					12	CENTRAL CALIFORNIA. <NC-P>. MD 2.7 (NC). Felt at Oakland.
02	11	13	20.8	44.656	N	129.883	W	10	G	4.1	1.0	175	33	OFF COAST OF OREGON
02	11	13	49.3	44.513	N	130.081	W	10	G	5.8 6.0	1.1	61	304	OFF COAST OF OREGON. Mw 6.2 (GS), 6.2 (HRV). Me 6.5 (GS). Broadband Source Parameters (GS): Dep 6; NP1: Strike=208, Dip=90, Slip=10; NP2: Strike=118, Dip=80, Slip=180; Radiated energy 1.3*10**14 Nm. Moment Tensor (GS): Dep 12; Principal axes (scale 10**18 Nm): (T) Val=2.06, Plg=12, Azm=84; (N) Val=0.44, Plg=73, Azm=219; (P) Val=-2.50, Plg=12, Azm=352; Best double couple: Mo=2.3*10**18 Nm; NP1: Strike=128, Dip=73, Slip=180; NP2: Strike=218, Dip=90, Slip=17. Centroid, Moment Tensor (HRV): Centroid origin time 11:13:53.2; Lat 44.46 N; Lon 130.22 W; Dep 15.0 Bdy; Half-duration 3.1 sec; Principal axes (scale 10**18 Nm): (T) Val=2.67, Plg=9, Azm=71; (N) Val=-0.42, Plg=69, Azm=317; (P) Val=-2.25, Plg=19, Azm=164; Best double couple: Mo=2.5*10**18 Nm; NP1: Strike=207, Dip=70, Slip=-7; NP2: Strike=299, Dip=83, Slip=-160.
02	11	56	54.2&	48.079	N	3.660	W	11					6	FRANCE. <LDG>. MD 2.9 (LDG).
02	12	26	21.4*	32.543	N	132.079	E	45	D	3.5	1.2	121	10	SHIKOKU, JAPAN
02	12	38	31.7*	44.875	N	130.025	W	10	G	3.1	0.8	218	25	OFF COAST OF OREGON
02	12	40	43.5*	5.696	S	152.807	E	32	D	4.6	0.8	148	13	NEW BRITAIN REGION, P.N.G.
02	12	44	31.2&	33.561	S	71.609	W	39					15	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.8 (GUC).
02	13	01	47.7*	44.522	N	129.675	W	10	G		0.6	291	31	OFF COAST OF OREGON
02	14	01	05.1&	34.647	N	116.335	W	2					7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
02	14	04	03.4	44.344	N	11.850	E	10	G		1.2	189	20	NORTHERN ITALY. ML 3.4 (VIE), 3.2 (LDG).
02	14	16	23.1?	44.61	N	129.90	W	10	G	2.7	0.3	296	13	OFF COAST OF OREGON
02	14	19	35.9	44.693	N	129.934	W	10	G	3.5	0.9	208	44	OFF COAST OF OREGON
02	14	24	14.3&	33.177	N	115.597	W	2					7	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS).
02	14	25	54.8&	33.181	N	115.598	W	2					6	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
02	15	17	18.0&	44.106	N	7.942	E	6					10	NORTHERN ITALY. <GEN>. ML 1.9 (GEN).
02	15	18	06.2*	18.099	S	178.561	W	607	?	4.5	0.9	127	34	FIJI ISLANDS REGION
02	15	22	50.5&	63.407	N	150.543	W	15					32	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC), 2.7 (PMR).
02	15	28	19.4	46.408	N	15.082	E	10	G		1.1	126	6	NORTHWESTERN BALKAN REGION. ML 1.9 (VIE).

02	16	25	51.2?	12.33	N	143.80	E	64	?		1.2	144	13	SOUTH OF MARIANA ISLANDS
02	16	53	33.3*	31.003	N	114.097	W	10	G		1.1	211	17	GULF OF CALIFORNIA. ML 4.0 (GS).
02	17	14	59.2*	5.723	N	126.710	E	33	N	4.3	1.4	134	18	MINDANAO, PHILIPPINES
02	17	45	06.7*	36.022	N	22.050	E	33	N	3.9	1.4	100	23	SOUTHERN GREECE
02	18	09	16.3*	28.131	N	82.964	E	33	N		1.2	82	11	NEPAL
02	19	01	10.1*	13.709	N	145.100	E	117		4.6	1.1	132	29	MARIANA ISLANDS
02	19	15	57.1?	14.47	N	96.12	E	47	?	3.8	1.0	136	11	ANDAMAN ISLANDS, INDIA REGION
02	20	51	52.2*	3.456	S	134.048	E	33	N	4.6	1.1	108	23	IRIAN JAYA REGION, INDONESIA
02	21	34	15.2*	5.986	S	147.485	E	84	?	4.6	1.6	132	10	EASTERN NEW GUINEA REG., P.N.G.
02	22	44	01.4&	18.131	N	94.475	W	46					5	BAY OF CAMPECHE. <UNM>. MD 4.1 (UNM).
02	23	44	49.1*	35.632	N	21.935	E	33	N	3.9	1.3	174	25	CENTRAL MEDITERRANEAN SEA
03	00	11	27.2&	31.455	S	71.374	W	49					16	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.0 (GUC).
03	00	28	42.1	46.411	N	15.065	E	10	G		0.8	108	9	NORTHWESTERN BALKAN REGION. ML 1.8 (VIE).
03	00	45	21.9&	44.122	N	7.943	E	1					7	NORTHERN ITALY. <GEN>. ML 1.5 (GEN).
03	00	46	24.5&	44.116	N	7.939	E	6					9	NORTHERN ITALY. <GEN>. ML 1.9 (GEN).
03	00	59	58.4?	50.25	S	127.17	E	10	G		0.8	154	7	WESTERN INDIAN-ANTARCTIC RIDGE
03	01	01	25.4	35.388	N	28.868	E	33	N	3.6	1.1	128	25	EASTERN MEDITERRANEAN SEA. ML 3.2 (CSS).
03	02	01	59.4	45.671	N	15.678	E	10	G		0.3	200	6	NORTHWESTERN BALKAN REGION. ML 1.2 (LJU).
03	02	14	28.6*	56.892	S	25.118	W	33	N	4.3	1.3	121	9	SOUTH SANDWICH ISLANDS REGION
03	02	39	08.8	31.185	N	87.188	E	33	N	4.5	1.0	66	43	XIZANG
03	02	53	58.3&	35.458	S	71.449	W	44					11	CENTRAL CHILE. <GUC>. MD 3.8 (GUC).
03	03	04	27.9	53.506	N	169.452	W	126	D	4.2	0.9	137	74	FOX ISLANDS, ALEUTIAN ISLANDS. Felt (III) at Nikolski.
03	03	33	38.0&	47.170	N	9.480	E	5					11	GERMANY. <FBB>. MD 2.5 (LDG). ML 2.4 (VIE), 2.0 (FBB).
03	03	54	45.6	51.923	N	158.932	E	76	D	5.7	0.9	58	415	NEAR EAST COAST OF KAMCHATKA. Mw 5.5 (GS), 5.5 (HRV). Felt (IV) at Petropavlovsk-Kamchatskiy and (II) at Severo-Kurilsk, Paramushir. Moment Tensor (GS): Dep 49; Principal axes (scale 10**17 Nm): (T) Val=1.96, Plg=81, Azm=173; (N) Val=0.05, Plg=3, Azm=64; (P) Val=-2.02, Plg=8, Azm=334; Best double couple: Mo=2.0*10**17 Nm; NP1: Strike=61, Dip=37, Slip=85; NP2: Strike=246, Dip=53, Slip=93. Centroid, Moment Tensor (HRV): Centroid origin time 03:54:49.6; Lat 51.91 N; Lon 159.21 E; Dep 67.6; Half-duration 1.5 sec; Principal axes (scale 10**17 Nm): (T) Val=1.91, Plg=81, Azm=202; (N) Val=0.33, Plg=9, Azm=40; (P) Val=-2.24, Plg=3, Azm=309; Best double couple: Mo=2.1*10**17 Nm; NP1: Strike=30, Dip=43, Slip=77; NP2: Strike=227, Dip=48, Slip=102.
03	03	56	54.9?	47.23	N	27.83	W	10	G	4.2	1.2	188	21	NORTHERN MID-ATLANTIC RIDGE
03	04	14	34.4	52.122	N	30.048	W	10	G	4.6 3.9	0.8	147	103	NORTHERN MID-ATLANTIC RIDGE
03	04	38	11.6	38.803	N	141.303	E	106	D	4.3	0.8	130	51	NEAR EAST COAST OF HONSHU, JAPAN. Recorded (2 JMA) in southern Iwate and northern Miyagi Prefectures.
03	06	00	27.3*	19.929	S	68.774	W	139	*	4.2	1.3	131	15	CHILE-BOLIVIA BORDER REGION
03	06	17	47.1	54.885	N	109.385	E	10	G	4.2	1.3	71	14	LAKE BAYKAL REGION, RUSSIA
03	06	26	11.5*	1.453	S	123.270	E	33	N	4.4	1.3	131	9	SULAWESI, INDONESIA
03	06	32	14.4&	38.794	N	7.846	W	29					16	PORTUGAL. <MDD>. mbLg 2.3 (MDD).
03	07	18	14.0*	14.108	N	91.106	W	58	D		1.5	164	15	GUATEMALA. MD 4.4 (UNM).
03	07	18	19.1&	44.337	N	7.316	E	14					5	NORTHERN ITALY. <GEN>. ML 1.7 (GEN).
03	07	45	00.2&	44.116	N	7.940	E	7					6	NORTHERN ITALY. <GEN>. ML 1.8 (GEN).
03	07	46	08.6&	44.104	N	7.942	E	10					9	NORTHERN ITALY. <GEN>. ML 2.1 (GEN).
03	07	57	36.1	16.077	N	94.186	W	33	N	5.0	1.1	101	169	OAXACA, MEXICO. MD 4.7 (UNM).
03	08	28	39.3&	44.473	N	6.742	E	11					11	FRANCE. <GEN>. ML 2.2 (GEN), 1.7 (STR).
03	08	53	17.7*	34.009	N	136.759	E	362			1.0	132	18	WESTERN HONSHU, JAPAN
03	08	54	49.2	35.552	N	140.464	E	62		5.6 5.6	0.9	41	412	NEAR EAST COAST OF HONSHU, JAPAN. Mw 6.2 (HRV), 6.1 (GS). One person injured and minor damage in northeastern Chiba Prefecture. Felt in the Tokyo area. Recorded (5L JMA) at Tako and in other parts of northern Chiba; (4 JMA) in southern Chiba and Ibaraki Prefectures. Moment Tensor (GS): Dep 43; Principal axes (scale 10**18 Nm): (T) Val=1.44, Plg=65, Azm=259; (N) Val=0.13, Plg=6, Azm=3; (P) Val=-1.56, Plg=24, Azm=95; Best double couple: Mo=1.5*10**18 Nm; NP1: Strike=199, Dip=22, Slip=108; NP2: Strike=0, Dip=69, Slip=83. Centroid, Moment Tensor (HRV): Centroid origin time 08:54:51.7; Lat 35.52 N; Lon 140.87 E; Dep 48.0 Bdy; Half-duration 3.0 sec; Principal axes (scale 10**18 Nm): (T) Val=1.78, Plg=67, Azm=245; (N) Val=0.12, Plg=10, Azm=1; (P) Val=-1.91, Plg=20, Azm=95; Best double couple: Mo=1.9*10**18 Nm; NP1: Strike=203, Dip=27, Slip=114; NP2: Strike=356, Dip=66, Slip=79.
03	09	02	23.6&	33.023	S	72.043	W	11					11	OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.5 (GUC).
03	09	25	54.7&	44.115	N	7.935	E	8					11	NORTHERN ITALY. <GEN>. ML 2.4 (GEN).
03	09	35	04.0&	33.023	S	72.005	W	15					6	OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.5 (GUC).
03	09	57	43.6?	25.02	N	109.28	W	10	G	4.0	1.4	272	11	GULF OF CALIFORNIA
03	10	12	34.1&	34.401	S	71.174	W	150					6	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 2.5 (GUC).
03	10	15	16.0	0.537	N	24.895	W	10	G	4.6	1.0	68	37	CENTRAL MID-ATLANTIC RIDGE
03	11	32	23.0&	33.295	N	116.761	W	11					4	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
03	11	55	01.3	8.398	S	75.656	W	33	N	4.6	0.8	89	49	CENTRAL PERU
03	12	06	33.8&	59.608	N	152.832	W	87					20	SOUTHERN ALASKA. <AEIC>.
03	12	39	44.1*	15.331	N	104.854	W	10	G	4.2	0.9	199	25	OFF COAST OF MICHOACAN, MEXICO
03	12	50	24.5*	4.596	S	151.415	E	277	*	4.3	0.7	135	11	NEW BRITAIN REGION, P.N.G.
03	13	23	55.5&	43.680	N	7.900	E	10					10	NEAR SOUTH COAST OF FRANCE. <GEN>. ML 2.2 (GEN).
03	13	26	53.4&	44.338	N	7.298	E	14					9	NORTHERN ITALY. <GEN>. ML 2.0 (GEN).
03	13	27	50.3	39.071	N	19.973	E	33	N	4.3	1.3	61	92	GREECE-ALBANIA BORDER REGION. ML 4.0 (THE).
03	13	32	11.3*	36.728	N	25.642	E	109	?	3.8	1.4	109	20	DODECANESE ISLANDS, GREECE
03	13	43	21.8	36.765	N	6.986	E	10	G		1.1	144	50	NORTHERN ALGERIA
03	15	07	10.8?	37.06	N	6.72	E	10	G		1.5	261	15	WESTERN MEDITERRANEAN SEA
03	15	14	10.5	47.278	N	10.181	E	5	G	3.8	1.2	42	113	AUSTRIA. ML 4.0 (GRF), 3.9 (FBB), 3.9 (LDG), 3.8 (CLL), 3.8 (STR), 3.5 (VIE). Felt (V) at Warth.
03	15	26	56.1&	37.622	N	6.048	W	2					9	SPAIN. <MDD>. mbLg 2.0 (MDD).
03	16	15	42.7	36.867	N	141.108	E	33	N	4.2	0.6	203	29	NEAR EAST COAST OF HONSHU, JAPAN. Recorded (1 JMA) in

														Ibaraki and southern Fukushima Prefectures.
03	16	20	36.1*	8.938	S	78.655	W	69	D	4.1	0.8	100	17	NEAR COAST OF NORTHERN PERU. Felt (III) at Chimbote and (II) at Casma.
03	16	37	47.1*	37.337	N	72.388	E	216	?	4.4	1.0	152	16	TAJIKISTAN
03	17	06	02.8&	47.493	N	7.424	E	3	G				5	SWITZERLAND. <LDG>. ML 1.9 (LDG).
03	17	12	32.8&	45.500	N	5.910	E	5	G				40	FRANCE. <STR>. MD 2.9 (LDG). ML 2.6 (STR).
03	17	17	42.9	7.410	S	127.047	E	33	N	4.8	0.7	122	26	BANDA SEA
03	18	09	10.0&	61.941	N	149.929	W	42					36	SOUTHERN ALASKA. <AEIC>. ML 2.9 (AEIC), 3.0 (PMR).
03	18	12	32.8&	44.465	N	6.733	E	2					18	FRANCE. <GEN>. ML 2.2 (GEN), 1.8 (STR).
03	18	45	26.4*	28.272	S	176.492	W	33	N	4.9 5.3	1.1	76	57	KERMADEC ISLANDS REGION. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 18:45:28.7; Lat 28.04 S; Lon 175.77 W; Dep 32.6; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=7.05, Plg=68, Azm=313; (N) Val=0.03, Plg=8, Azm=202; (P) Val=-7.09, Plg=20, Azm=110; Best double couple: Mo=7.1*10**16 Nm; NP1: Strike=186, Dip=26, Slip=71; NP2: Strike=26, Dip=66, Slip=99.
03	19	41	36.0&	47.260	N	10.210	E	5					52	AUSTRIA. <FBB>. MD 3.1 (LDG). ML 2.9 (STR), 2.7 (VIE), 2.6 (FBB). Felt (III) at Warth.
03	20	02	00.0	4.319	S	102.137	E	83	D	5.0	0.9	68	48	SOUTHERN SUMATERA, INDONESIA
03	20	34	37.0	28.175	S	176.455	W	106	?	4.6	0.8	76	32	KERMADEC ISLANDS REGION
03	20	50	14.9*	12.313	S	75.076	W	103	*	4.1	1.0	69	18	CENTRAL PERU
03	20	51	35.1?	44.53	N	129.62	W	10	G		0.4	315	25	OFF COAST OF OREGON
03	21	04	14.9&	61.929	N	151.029	W	80					27	SOUTHERN ALASKA. <AEIC>.
03	21	16	29.5*	11.839	S	166.290	E	39	D	4.7	1.1	129	37	SANTA CRUZ ISLANDS
03	21	27	37.6	8.389	S	118.521	E	125	*	4.6	1.1	52	38	SUMBAWA REGION, INDONESIA
03	22	04	48.9&	49.073	N	6.760	E	1	G				11	GERMANY. <LDG>. MD 2.5 (LDG). Mining induced event in the Lorraine region, France.
03	22	08	55.9&	59.903	N	153.257	W	124					24	SOUTHERN ALASKA. <AEIC>.
03	22	51	11.0&	10.910	N	62.319	W	34					6	NEAR COAST OF VENEZUELA. <TRN>. MD 3.6 (TRN).
03	22	59	31.7&	34.672	N	33.408	E	10					6	CYPRUS REGION. <CSS>. ML 2.3 (CSS).
03	23	07	36.0&	47.230	N	3.643	E	2					17	FRANCE. <LDG>. ML 2.4 (STR). MD 2.3 (LDG).
03	23	19	34.4&	61.134	N	152.037	W	100					24	SOUTHERN ALASKA. <AEIC>.
04	02	06	58.3	10.122	S	160.560	E	33	N	5.3 4.6	0.9	62	98	SOLOMON ISLANDS. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 02:07:01.0; Lat 10.13 S; Lon 160.42 E; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=7.12, Plg=50, Azm=345; (N) Val=-1.98, Plg=29, Azm=117; (P) Val=-5.14, Plg=25, Azm=221; Best double couple: Mo=6.1*10**16 Nm; NP1: Strike=355, Dip=33, Slip=153; NP2: Strike=109, Dip=76, Slip=60.
04	02	20	35.8*	11.056	S	162.722	E	150	G	4.2	1.1	131	14	SOLOMON ISLANDS
04	02	45	47.4&	19.905	N	100.125	W	3	G				10	MICHOACAN, MEXICO. <UNM>. MD 3.7 (UNM).
04	02	47	31.7*	31.969	S	68.358	W	150	G		0.9	191	7	SAN JUAN PROVINCE, ARGENTINA. MD 3.6 (GUC).
04	03	01	57.7*	5.180	S	152.815	E	33	N	4.6	1.2	81	25	NEW BRITAIN REGION, P.N.G.
04	04	04	01.2?	11.84	N	86.50	W	33	N	3.9	1.2	172	10	NEAR COAST OF NICARAGUA
04	04	59	11.1*	35.809	N	1.648	W	10	G		1.0	235	28	NORTHERN ALGERIA. mbLg 3.0 (MDD).
04	05	11	31.3*	5.264	S	151.893	E	63	*	4.8	0.9	169	18	NEW BRITAIN REGION, P.N.G.
04	05	26	12.1	52.704	N	174.633	W	173		4.9	0.9	116	227	ANDREANOF ISLANDS, ALEUTIAN IS.
04	05	32	27.1&	48.487	N	2.704	W	2					6	FRANCE. <LDG>. ML 2.1 (LDG).
04	06	39	13.4*	28.516	N	138.493	E	535	*	4.1	0.8	147	17	BONIN ISLANDS, JAPAN REGION
04	06	44	03.6&	44.599	N	6.762	E	1					31	FRANCE. <GEN>. ML 2.7 (GEN), 2.4 (LDG), 2.3 (STR).
04	06	48	16.7&	39.356	N	123.041	W	7					17	NEAR COAST OF NORTHERN CALIF. <NC-P>. MD 2.8 (NC).
04	07	18	08.4	29.503	S	71.198	W	50	*	4.2	1.0	150	16	NEAR COAST OF CENTRAL CHILE. MD 4.3 (GUC).
04	07	32	27.1?	36.38	N	56.50	E	33	N	4.4	1.2	250	10	NORTHERN AND CENTRAL IRAN
04	09	35	03.2*	59.631	S	26.801	W	120	?	4.2	0.8	102	13	SOUTH SANDWICH ISLANDS REGION
04	10	16	04.4*	1.819	S	123.265	E	53	*		1.1	125	12	SULAWESI, INDONESIA
04	10	52	54.7*	36.071	N	22.092	E	33	N	3.9	1.0	136	13	SOUTHERN GREECE
04	11	33	10.1*	62.361	S	161.818	W	10	G	4.7 5.1	1.3	74	25	PACIFIC-ANTARCTIC RIDGE. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 11:33:14.9; Lat 62.51 S; Lon 161.62 W; Dep 15.0 Fix; Half-duration 1.4 sec; Principal axes (scale 10**17 Nm): (T) Val=1.50, Plg=6, Azm=355; (N) Val=-0.13, Plg=84, Azm=165; (P) Val=-1.36, Plg=1, Azm=265; Best double couple: Mo=1.4*10**17 Nm; NP1: Strike=40, Dip=85, Slip=177; NP2: Strike=130, Dip=87, Slip=5.
04	11	39	59.9	37.992	N	141.696	E	65	D	4.8	0.9	90	126	NEAR EAST COAST OF HONSHU, JAPAN. Recorded (3 JMA) in Fukushima and (2 JMA) in Miyagi Prefecture.
04	11	47	16.3*	36.366	N	70.138	E	250	G	3.6	0.8	101	8	HINDU KUSH REGION, AFGHANISTAN
04	11	53	19.0?	62.28	S	161.81	W	10	G	4.8	1.4	92	8	PACIFIC-ANTARCTIC RIDGE
04	12	07	22.3*	35.941	N	22.245	E	33	N	4.1	1.4	136	14	CENTRAL MEDITERRANEAN SEA
04	12	21	57.8?	2.33	N	126.72	E	82	?	4.4	0.9	162	11	NORTHERN MOLUCCA SEA
04	12	37	29.2*	14.222	N	145.523	E	95	*		1.0	145	12	MARIANA ISLANDS
04	12	43	55.2	51.071	N	15.881	E	5	G		0.4	205	8	POLAND. ML 3.1 (VIE).
04	12	45	55.8	51.634	N	16.224	E	5	G		0.7	95	12	POLAND. ML 3.5 (VIE).
04	13	00	32.9*	23.489	N	143.052	E	33	N	3.7	1.3	139	11	VOLCANO ISLANDS, JAPAN REGION
04	13	11	51.1	36.074	N	22.153	E	33	N	4.5 4.5	1.2	73	128	SOUTHERN GREECE
04	14	41	27.7&	59.326	N	153.560	W	118					78	SOUTHERN ALASKA. <AEIC>.
04	14	56	40.7&	44.838	N	7.198	E	10					4	NORTHERN ITALY. <GEN>. ML 1.7 (GEN).
04	15	26	12.8&	47.345	N	2.641	E	3	G				5	FRANCE. <LDG>. ML 1.8 (LDG).
04	16	10	52.1&	62.267	N	148.611	W	38					58	CENTRAL ALASKA. <AEIC>. ML 3.1 (AEIC), 3.2 (PMR).
04	16	28	26.1	4.721	S	102.087	E	33	N	6.8 8.0	1.1	26	379	SOUTHERN SUMATERA, INDONESIA. Mw 7.9 (HRV), 7.7 (GS). Me 8.3 (GS). At least 103 people killed, 2,174 injured, extensive damage (VI) and landslides in the Bengkulu area; minor injuries and damage on Enggano. Felt (IV) in Lampung Province and at Palembang. Felt (III) at Jakarta, Jawa. Felt in much of southern Sumatera. Felt throughout Singapore. Also felt at Johor Bahru, Kuala Lumpur and Petaling Jaya, Malaysia. Broadband Source Parameters (GS): NP1: Strike=203, Dip=73, Slip=18; NP2: Strike=108, Dip=73, Slip=162; Radiated energy 5.9*10**16 Nm. Two events about 15 seconds apart. Focal mechanism from first motions of P

waves based on first event.
Moment Tensor (GS): Dep 7; Principal axes (scale 10**20 Nm): (T) Val=3.77, Plg=62, Azm=28; (N) Val=-0.03, Plg=27, Azm=222; (P) Val=-3.74, Plg=5, Azm=129; Best double couple: Mo=3.8*10**20 Nm; NP1: Strike=192, Dip=46, Slip=50; NP2: Strike=62, Dip=56, Slip=124.
Centroid, Moment Tensor (HRV): Centroid origin time 16:28:46.5; Lat 4.73 S; Lon 101.94 E; Dep 43.9; Half-duration 28.6 sec; Principal axes (scale 10**20 Nm): (T) Val=6.45, Plg=42, Azm=60; (N) Val=2.01, Plg=47, Azm=225; (P) Val=-8.46, Plg=7, Azm=323; Best double couple: Mo=7.5*10**20 Nm; NP1: Strike=92, Dip=55, Slip=152; NP2: Strike=199, Dip=67, Slip=38.

04	16	38	43.0&	13.913	N	91.963	W	18				6	NEAR COAST OF GUATEMALA. <UNM>. MD 4.1 (UNM).
04	16	39	45.6	4.646	S	102.102	E	33 N	6.7	1.3	32	147	SOUTHERN SUMATERA, INDONESIA
04	16	56	34.4?	4.61	S	102.19	E	33 N		0.1	227	5	SOUTHERN SUMATERA, INDONESIA
04	16	58	27.0?	4.57	S	102.46	E	33 N		1.5	226	7	SOUTHERN SUMATERA, INDONESIA
04	17	01	22.4?	5.22	S	102.68	E	33 N		1.0	117	11	SOUTHERN SUMATERA, INDONESIA
04	17	14	41.0?	4.35	S	102.63	E	33 N		0.9	203	11	SOUTHERN SUMATERA, INDONESIA
04	17	23	22.7?	4.47	S	101.93	E	33 N		0.8	227	5	SOUTHERN SUMATERA, INDONESIA
04	17	30	59.4	5.634	S	102.960	E	33 N	5.1	0.9	42	86	SOUTHERN SUMATERA, INDONESIA
04	17	38	03.0	5.291	S	102.693	E	33 N	5.1	0.7	80	35	SOUTHERN SUMATERA, INDONESIA
04	17	45	05.4?	5.21	S	102.54	E	33 N		0.9	202	6	SOUTHERN SUMATERA, INDONESIA
04	17	47	54.9?	5.36	S	103.26	E	33 N	4.5	0.9	216	11	SOUTHERN SUMATERA, INDONESIA
04	17	49	38.0?	4.47	S	102.12	E	33 N		0.9	116	9	SOUTHERN SUMATERA, INDONESIA
04	17	51	32.0?	5.57	S	102.48	E	33 N		0.8	111	6	SOUTHERN SUMATERA, INDONESIA
04	17	52	15.9	28.723	N	65.383	E	33 N	6.0	1.2	36	331	PAKISTAN. Felt at Duki, Harnai, Karachi, Quetta, Sibi and Ziarat.
04	18	01	37.1*	5.613	S	103.004	E	33 N	4.9	0.8	80	19	SOUTHERN SUMATERA, INDONESIA
04	18	03	10.3	4.963	S	102.099	E	33 N	5.0	0.8	70	59	SOUTHERN SUMATERA, INDONESIA
04	18	08	55.9	4.862	S	101.918	E	33 N	4.8	0.8	64	49	SOUTHERN SUMATERA, INDONESIA
04	18	13	15.7*	5.489	S	103.123	E	33 N		0.6	112	8	SOUTHERN SUMATERA, INDONESIA
04	18	18	31.1*	0.465	S	16.669	W	10 G	4.6	1.3	114	16	NORTH OF ASCENSION ISLAND
04	18	20	42.3*	5.308	S	102.637	E	33 N	4.7	0.8	149	13	SOUTHERN SUMATERA, INDONESIA
04	18	21	04.3	5.508	S	102.678	E	33 N	4.9	1.0	62	49	SOUTHERN SUMATERA, INDONESIA
04	18	22	12.8	15.577	S	173.062	W	33 N	5.5	1.0	53	113	TONGA ISLANDS
04	18	30	55.7*	5.016	S	102.061	E	33 N	4.9	0.9	79	22	SOUTHERN SUMATERA, INDONESIA
04	18	32	49.4?	5.68	S	103.03	E	33 N	4.3	0.6	219	7	SOUTHERN SUMATERA, INDONESIA
04	18	39	42.7?	5.01	S	102.30	E	33 N		0.3	200	6	SOUTHERN SUMATERA, INDONESIA
04	19	04	21.5*	4.894	S	101.996	E	33 N		0.3	205	8	SOUTHERN SUMATERA, INDONESIA
04	19	05	48.9*	5.128	S	102.707	E	33 N	4.7	0.8	202	15	SOUTHERN SUMATERA, INDONESIA
04	19	07	34.7?	5.82	S	102.62	E	33 N		1.3	221	9	SOUTHERN SUMATERA, INDONESIA
04	19	11	57.9*	5.495	S	103.141	E	33 N	4.3	0.9	198	11	SOUTHERN SUMATERA, INDONESIA
04	19	18	12.6*	5.123	S	102.040	E	33 N	4.4	0.7	111	13	SOUTHERN SUMATERA, INDONESIA
04	19	22	34.2?	5.21	S	102.36	E	33 N	4.3	0.1	198	8	SOUTHERN SUMATERA, INDONESIA
04	19	25	45.3	4.438	S	102.087	E	33 N	4.9	0.6	144	23	SOUTHERN SUMATERA, INDONESIA
04	19	28	54.6&	63.422	N	150.422	W	134				43	CENTRAL ALASKA. <AEIC>.
04	19	31	18.9	5.157	S	102.580	E	33 N	5.1	0.8	47	64	SOUTHERN SUMATERA, INDONESIA
04	19	33	55.0	5.562	S	102.588	E	33 N		0.2	94	12	SOUTHERN SUMATERA, INDONESIA
04	19	54	20.5*	4.648	S	101.990	E	33 N		0.8	80	22	SOUTHERN SUMATERA, INDONESIA
04	20	12	26.1	4.526	S	102.033	E	33 N	5.1	0.8	80	93	SOUTHERN SUMATERA, INDONESIA
04	20	14	01.0*	4.588	S	101.873	E	33 N	5.0	1.1	104	21	SOUTHERN SUMATERA, INDONESIA
04	20	35	58.1?	5.07	S	102.66	E	33 N		0.5	198	9	SOUTHERN SUMATERA, INDONESIA
04	20	38	17.7&	43.039	N	0.121	E	2				32	FRANCE. <LDG>. ML 3.1 (LDG), 2.7 (STR). mbLg 2.7 (MDD).
04	20	46	57.8	4.768	S	102.096	E	33 N	4.9	0.8	82	44	SOUTHERN SUMATERA, INDONESIA
04	20	51	38.6&	44.405	N	8.605	E	6				9	NORTHERN ITALY. <GEN>. ML 2.1 (GEN).
04	20	51	57.0&	35.172	N	32.916	E	20				5	CYPRUS REGION. <CSS>. ML 2.5 (CSS).
04	21	06	06.9	5.623	S	102.750	E	33 N	4.7	0.8	62	41	SOUTHERN SUMATERA, INDONESIA
04	21	12	53.4	4.791	S	102.251	E	33 N	4.9	1.0	64	54	SOUTHERN SUMATERA, INDONESIA
04	21	20	11.0?	4.73	S	102.01	E	33 N		0.7	117	5	SOUTHERN SUMATERA, INDONESIA
04	21	24	34.9?	4.41	S	102.07	E	33 N	4.7	1.0	198	7	SOUTHERN SUMATERA, INDONESIA
04	21	36	00.4&	32.222	S	69.953	W	143				11	MENDOZA PROVINCE, ARGENTINA. <GUC>. MD 2.7 (GUC).
04	21	38	35.5*	4.782	S	102.055	E	33 N	4.9	0.5	104	17	SOUTHERN SUMATERA, INDONESIA
04	21	39	42.1?	4.99	S	102.12	E	33 N	4.5	0.7	221	7	SOUTHERN SUMATERA, INDONESIA
04	21	53	37.5	4.821	S	102.184	E	33 N	5.0	1.0	80	56	SOUTHERN SUMATERA, INDONESIA
04	22	02	42.0*	4.947	S	103.242	E	33 N	4.5	1.4	107	13	SOUTHERN SUMATERA, INDONESIA
04	22	05	15.2	4.542	S	102.117	E	33 N	4.9	0.9	50	70	SOUTHERN SUMATERA, INDONESIA
04	22	08	02.5*	4.619	S	102.070	E	33 N	4.6	0.8	106	16	SOUTHERN SUMATERA, INDONESIA
04	22	14	31.6*	5.688	S	102.862	E	33 N	4.6	0.8	199	18	SOUTHERN SUMATERA, INDONESIA
04	22	15	17.6&	38.822	N	122.810	W	2				13	NORTHERN CALIFORNIA. <NC-P>. ML 2.7 (NC).
04	22	28	41.6?	4.72	S	102.30	E	33 N	4.1	0.8	220	7	SOUTHERN SUMATERA, INDONESIA
04	22	30	50.7	4.801	S	102.090	E	33 N	5.4 5.0	1.1	33	180	SOUTHERN SUMATERA, INDONESIA
04	22	41	37.1&	38.693	N	0.745	W	7				14	SPAIN. <MDD>. mbLg 2.1 (MDD).
04	22	49	22.4?	4.81	S	101.69	E	33 N	4.6	1.0	208	9	SOUTHERN SUMATERA, INDONESIA
04	22	59	37.1	4.993	S	102.130	E	33 N	4.9 4.4	0.7	48	48	SOUTHERN SUMATERA, INDONESIA
04	23	03	29.5	5.627	S	102.658	E	33 N	4.9	0.8	77	30	SOUTHERN SUMATERA, INDONESIA
04	23	10	35.6&	36.491	N	3.152	W	0 G				5	STRAIT OF GIBRALTAR. <MDD>. mbLg 1.9 (MDD).
04	23	10	47.1	5.347	S	102.711	E	33 N	4.8	0.8	64	30	SOUTHERN SUMATERA, INDONESIA
04	23	13	02.3*	5.436	S	102.666	E	33 N	4.6	0.6	80	18	SOUTHERN SUMATERA, INDONESIA
04	23	14	35.4	4.968	S	102.208	E	33 N	5.3 4.8	0.9	48	86	SOUTHERN SUMATERA, INDONESIA
04	23	25	25.1?	6.80	N	73.02	W	200 G	4.0	0.5	104	7	NORTHERN COLOMBIA
04	23	27	58.7	4.426	S	102.150	E	33 N	4.6	0.8	80	36	SOUTHERN SUMATERA, INDONESIA
04	23	36	55.3?	17.44	N	147.66	E	33 N	3.7	1.3	170	7	MARIANA ISLANDS REGION
04	23	44	36.5?	4.59	S	102.16	E	33 N		1.2	104	12	SOUTHERN SUMATERA, INDONESIA
05	00	10	29.6	5.723	S	102.878	E	33 N	4.3	0.8	77	22	SOUTHERN SUMATERA, INDONESIA
05	00	26	06.6&	16.203	N	98.058	W	12				6	NEAR COAST OF GUERRERO, MEXICO. <UNM>. MD 4.0 (UNM).
05	00	47	42.5	4.875	S	102.700	E	33 N	5.1	0.9	106	56	SOUTHERN SUMATERA, INDONESIA
05	00	49	43.3&	54.853	N	111.346	E	10 G		0.3	164	5	LAKE BAYKAL REGION, RUSSIA. Felt (III) at Ulyunkhan.
05	00	53	03.0*	5.439	S	102.039	E	33 N	4.6	0.9	135	12	SOUTHERN SUMATERA, INDONESIA
05	00	54	43.9	35.658	N	136.001	E	33 N	4.4	1.3	111	32	WESTERN HONSHU, JAPAN. Recorded (3 JMA) at Takefu and Tsuruga; (2 JMA) in Shiga and many parts of Fukui Prefectures.
05	00	57	02.8	37.366	N	23.304	W	10 G	4.5	1.0	60	115	AZORES ISLANDS REGION

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05  00 58 14.2   4.894 S  102.384 E   33 N  4.9       0.6   80   32  SOUTHERN SUMATERA, INDONESIA
05  01 03 32.1* 18.193 N  147.457 E   47 D              0.9  116    7  MARIANA ISLANDS REGION
05  01 19 12.0*  4.711 S  102.154 E   33 N  4.6        0.7  198   16  SOUTHERN SUMATERA, INDONESIA
05  01 27 37.1?  5.14  S  101.93  E   33 N  4.5        0.7  145    7  SOUTHWEST OF SUMATERA, INDONESIA
05  01 30 59.3*  4.813 S  102.568 E   33 N  4.6        1.1  198   14  SOUTHERN SUMATERA, INDONESIA
05  01 37 51.3*  5.651 S  102.757 E   33 N  4.2        0.6  106   14  SOUTHERN SUMATERA, INDONESIA
05  01 38 59.5?  5.03  S  101.85  E   33 N  4.5        1.1  224    7  SOUTHWEST OF SUMATERA, INDONESIA
05  01 48 41.4*  5.828 S  151.593 E   33 N  4.6        0.8   78   20  NEW BRITAIN REGION, P.N.G.
05  02 01 53.4* 31.771 S  179.638 E  400 G              0.9  133   14  KERMADEC ISLANDS REGION
05  02 22 58.0   4.983 S  102.308 E   33 N  5.1        0.9  107   46  SOUTHERN SUMATERA, INDONESIA
05  02 29 25.0& 15.894 N   98.361 W    5                            19  OFF COAST OF GUERRERO, MEXICO. <UNM>. MD 4.3 (UNM).
05  02 31 19.5*  4.559 S  102.145 E   33 N  4.4        0.7  134   19  SOUTHERN SUMATERA, INDONESIA
05  02 36 52.2*  5.594 S  151.327 E   33 N              1.1  146    8  NEW BRITAIN REGION, P.N.G.
05  02 42 14.2* 48.627 N  147.463 E  460 *  3.7        0.6  179   15  SEA OF OKHOTSK
05  02 46 19.7   4.544 S  102.338 E   33 N  5.1        1.1   50   84  SOUTHERN SUMATERA, INDONESIA
05  02 54 22.4?  4.25  S  101.80  E   33 N  4.5        1.1  198   10  SOUTHERN SUMATERA, INDONESIA
05  03 00 26.9   5.605 S  102.886 E   33 N  5.5 5.5    1.0   32  262  SOUTHERN SUMATERA, INDONESIA. Mw 5.8 (HRV).
                                                                      Centroid, Moment Tensor (HRV): Centroid origin time
                                                                       03:00:28.7; Lat 5.91 S; Lon 102.99 E; Dep 15.0 Fix;
                                                                       Half-duration 1.9 sec; Principal axes (scale 10**17
                                                                       Nm): (T) Val=4.64, Plg=10, Azm=265; (N) Val=2.19,
                                                                       Plg=35, Azm=2; (P) Val=-6.83, Plg=53, Azm=161; Best
                                                                       double couple: Mo=5.7*10**17 Nm; NP1: Strike=320,
                                                                       Dip=46, Slip=-143; NP2: Strike=202, Dip=64, Slip=-50.
05  03 23 29.9*  4.532 S  102.421 E   33 N  5.0        0.9  103   28  SOUTHERN SUMATERA, INDONESIA
05  03 24 08.2* 26.888 N  126.387 E   33 N  4.8        1.4  120   23  RYUKYU ISLANDS, JAPAN. Recorded (1 JMA) on Kume-jima.
05  03 27 21.8?  5.63  S  102.97  E   33 N  4.4        0.9  198   16  SOUTHERN SUMATERA, INDONESIA
05  03 49 44.7% 30.560 S  118.634 E   10 G              1.3  120    7  WESTERN AUSTRALIA. ML 2.9 (AUST). Felt.
05  03 59 08.9*  4.463 S  102.136 E   33 N  5.0        1.0  104   19  SOUTHERN SUMATERA, INDONESIA
05  04 26 59.5   5.570 S  102.692 E   33 N  4.6        0.6  111   27  SOUTHERN SUMATERA, INDONESIA
05  04 33 12.4?  5.49  S  102.10  E   33 N  4.6        1.4  157    7  SOUTHERN SUMATERA, INDONESIA
05  04 39 03.2?  4.81  S  102.08  E   33 N  4.6        0.6  199    8  SOUTHERN SUMATERA, INDONESIA
05  04 43 31.5*  5.510 S  102.651 E   33 N  4.6        0.9  145   14  SOUTHERN SUMATERA, INDONESIA
05  04 53 04.8   4.407 S  102.248 E   33 N  5.3        0.9   50  111  SOUTHERN SUMATERA, INDONESIA
05  05 27 35.3   5.128 S  101.989 E   33 N  4.7        0.6   80   24  SOUTHWEST OF SUMATERA, INDONESIA
05  05 43 05.7& 32.338 S   70.533 W  101                            9  CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.6 (GUC).
05  05 52 08.0*  4.903 S  102.485 E   33 N  4.1        0.5  201   14  SOUTHERN SUMATERA, INDONESIA
05  06 16 51.9* 14.334 S  167.651 E   33 N  4.3        0.9  152   25  VANUATU ISLANDS
05  06 34 11.8   4.909 S  102.656 E   33 N  5.4 5.5    1.1   37  186  SOUTHERN SUMATERA, INDONESIA. Mw 5.8 (HRV).
                                                                      Centroid, Moment Tensor (HRV): Centroid origin time
                                                                       06:34:16.9; Lat 5.55 S; Lon 102.51 E; Dep 37.0 Bdy;
                                                                       Half-duration 2.0 sec; Principal axes (scale 10**17
                                                                       Nm): (T) Val=4.53, Plg=68, Azm=37; (N) Val=0.66,
                                                                       Plg=1, Azm=303; (P) Val=-5.19, Plg=22, Azm=213; Best
                                                                       double couple: Mo=4.9*10**17 Nm; NP1: Strike=300,
                                                                       Dip=23, Slip=86; NP2: Strike=124, Dip=67, Slip=92.
05  07 15 19.4   4.463 S  102.135 E   33 N  5.1        0.9   63   48  SOUTHERN SUMATERA, INDONESIA
05  07 21 49.3*  5.798 S  102.753 E   33 N  4.6        0.6  146   17  SOUTHERN SUMATERA, INDONESIA
05  07 25 37.5& 44.344 N    7.306 E   13                            4  NORTHERN ITALY. <GEN>. ML 1.6 (GEN).
05  07 38 16.2& 16.127 N   98.339 W    5 G                          8  NEAR COAST OF GUERRERO, MEXICO. <UNM>. MD 3.9 (UNM).
05  07 39 07.9*  5.019 S  102.529 E   33 N  4.7        0.9  195   14  SOUTHERN SUMATERA, INDONESIA
05  07 42 57.7* 51.955 N  175.948 W   53 D  4.3        1.4  116   18  ANDREANOF ISLANDS, ALEUTIAN IS.
05  07 50 09.0& 33.575 N  118.564 W    0                            7  SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
05  08 06 53.2% 30.488 S  118.326 E   10 G              1.6  106    6  WESTERN AUSTRALIA
05  08 08 20.4* 46.361 N   15.109 E   10 G              1.3  110    5  NORTHWESTERN BALKAN REGION. ML 2.1 (VIE).
05  08 14 55.3?  4.54  S  102.08  E   33 N              1.4  104   10  SOUTHERN SUMATERA, INDONESIA
05  08 15 27.7& 37.844 N   29.155 E    1                            6  TURKEY. <ISK>. MD 3.9 (ISK). Felt at Denizli.
05  08 24 23.5% 30.450 S  118.427 E   10 G              1.2  108    6  WESTERN AUSTRALIA
05  08 26 07.5& 33.570 N  118.566 W    1                            7  SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
05  08 34 31.3* 30.571 N   97.216 E   33 N  4.6        1.3   77   22  XIZANG
05  08 55 34.4*  5.443 S  102.633 E   33 N  4.7        0.4   81   10  SOUTHERN SUMATERA, INDONESIA
05  09 17 36.9   4.343 S  102.232 E   33 N  5.2 5.0    1.1   34  135  SOUTHERN SUMATERA, INDONESIA
05  09 35 04.9* 17.602 S  178.524 W  600 G              0.6  127   12  FIJI ISLANDS REGION
05  09 43 23.3* 22.167 N  143.670 E  135 ?  4.2        1.1  129   15  VOLCANO ISLANDS, JAPAN REGION
05  09 46 11.2*  4.423 S  102.318 E   33 N  5.0        0.9  103   31  SOUTHERN SUMATERA, INDONESIA
05  09 53 03.3& 44.118 N    7.935 E    9                            8  NORTHERN ITALY. <GEN>. ML 2.0 (GEN).
05  10 12 11.1*  4.720 S  102.331 E   33 N  4.6        0.7  198   15  SOUTHERN SUMATERA, INDONESIA
05  10 36 36.8*  4.430 S  102.073 E   33 N  4.4        0.7  198   12  SOUTHERN SUMATERA, INDONESIA
05  10 53 51.8*  4.392 S  102.329 E   33 N  5.1        1.1  106   26  SOUTHERN SUMATERA, INDONESIA
05  11 06 10.9& 44.118 N    7.936 E    7                            7  NORTHERN ITALY. <GEN>. ML 1.8 (GEN).
05  11 12 03.4& 28.044 N   16.205 W   19                            5  CANARY ISLANDS, SPAIN REGION. <MDD>. mbLg 3.3 (MDD).
05  11 24 50.1?  4.43  S  102.33  E   33 N  4.6        0.9  198   10  SOUTHERN SUMATERA, INDONESIA
05  11 43 18.8? 27.45  N   56.90  E   33 N  3.9        1.1  129    5  SOUTHERN IRAN
05  11 59 31.5  19.012 N   95.682 W   20    3.6        1.2  105   32  VERACRUZ, MEXICO. MD 4.4 (UNM).
05  12 56 57.6   0.287 N   96.720 E   33 N  4.7        0.8   83   37  OFF W COAST OF NORTHERN SUMATERA
05  13 06 01.7& 33.039 S   70.149 W  106                            12  CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.6 (GUC).
05  13 21 24.5& 44.115 N    7.936 E    6                           17  NORTHERN ITALY. <GEN>. ML 2.4 (GEN), 2.0 (STR).
05  13 23 07.2& 44.113 N    7.940 E    7                           10  NORTHERN ITALY. <GEN>. ML 2.1 (GEN).
05  13 30 07.2& 44.114 N    7.939 E   11                           10  NORTHERN ITALY. <GEN>. ML 2.1 (GEN).
05  13 31 10.6& 44.120 N    7.938 E    4                           8  NORTHERN ITALY. <GEN>. ML 1.9 (GEN).
05  13 39 04.1& 44.118 N    7.938 E    7                           9  NORTHERN ITALY. <GEN>. ML 2.0 (GEN).
05  13 51 56.3   9.568 N   92.221 E   55 D  4.5        0.8  139   36  NICOBAR ISLANDS, INDIA REGION
05  14 05 43.4? 28.29  N   56.10  E   33 N  4.3        1.1  163    6  SOUTHERN IRAN
05  14 10 47.4& 44.597 N    7.074 E    8                           22  NORTHERN ITALY. <GEN>. ML 2.8 (GEN), 2.3 (STR).
05  14 32 54.6& 44.113 N    7.941 E    9                           11  NORTHERN ITALY. <GEN>. ML 2.2 (GEN).
05  15 05 53.6   4.829 S  102.241 E   33 N  4.8        0.9  195   40  SOUTHERN SUMATERA, INDONESIA
05  15 26 08.8& 44.118 N    7.937 E    7                           10  NORTHERN ITALY. <GEN>. ML 2.1 (GEN).
05  16 06 31.0& 44.492 N    6.108 E    2                           11  FRANCE. <LDG>. ML 2.2 (LDG), 2.2 (STR).
05  16 51 25.7& 32.625 S   71.641 W    7                           11  NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.7 (GUC).
05  17 15 27.7*  5.162 S  102.754 E   33 N  4.4        0.6  198   16  SOUTHERN SUMATERA, INDONESIA
05  17 36 53.4* 36.059 N   71.757 E  189 *  4.7        1.0   98   25  AFGHANISTAN-TAJIKISTAN BORD REG.
05  17 43 24.0   7.359 S  106.664 E   33 N  4.9 4.2    1.1   33  106  JAWA, INDONESIA. Mw 5.1 (HRV).
                                                                      Centroid, Moment Tensor (HRV): Centroid origin time
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													17:43:40.3; Lat 7.22 S; Lon 106.77 E; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=5.73, Plg=64, Azm=32; (N) Val=-0.88, Plg=9, Azm=282; (P) Val=-4.85, Plg=24, Azm=188; Best double couple: Mo=5.3*10**16 Nm; NP1: Strike=259, Dip=23, Slip=65; NP2: Strike=105, Dip=70, Slip=100.
05	18	15	24.5*	51.569	N	6.719	E	10	G		0.9	214	9	GERMANY. ML 3.1 (LDG), 2.7 (STR).
05	19	07	21.5*	5.756	S	102.759	E	33	N	4.0	0.8	80	13	SOUTHERN SUMATERA, INDONESIA
05	19	32	16.8&	16.069	N	97.794	W	17					6	OAXACA, MEXICO. <UNM>. MD 3.9 (UNM).
05	19	44	15.6&	44.120	N	7.936	E	5					5	NORTHERN ITALY. <GEN>. ML 1.7 (GEN).
05	19	47	59.0*	23.107	N	141.821	E	200	G	3.6	1.4	129	17	VOLCANO ISLANDS, JAPAN REGION
05	20	04	49.2&	64.734	N	149.043	W	9					18	CENTRAL ALASKA. <AEIC>. ML 3.2 (AEIC), 3.1 (PMR).
05	20	17	56.3*	22.894	S	171.498	E	33	N	4.0	0.6	132	10	SOUTHEAST OF LOYALTY ISLANDS
05	20	22	35.9	16.044	N	98.434	W	15		4.2	1.1	203	32	NEAR COAST OF GUERRERO, MEXICO. MD 4.4 (UNM).
05	21	02	06.4*	21.519	N	143.274	E	300	G		0.9	146	10	MARIANA ISLANDS REGION
05	21	02	07.9	46.380	N	15.045	E	10	G		0.4	106	7	NORTHWESTERN BALKAN REGION. ML 1.9 (VIE), 1.2 (LJU).
05	21	21	50.9	1.295	S	123.777	E	43	D	4.7	1.2	111	24	SULAWESI, INDONESIA
05	21	37	13.2?	4.46	S	102.46	E	33	N	4.2	1.2	160	12	SOUTHERN SUMATERA, INDONESIA
05	21	37	56.0*	5.355	S	151.544	E	76	*	4.3	0.9	146	14	NEW BRITAIN REGION, P.N.G.
05	21	47	30.9&	44.127	N	7.932	E	2					5	NORTHERN ITALY. <GEN>. ML 1.6 (GEN).
05	21	55	31.5&	32.775	S	71.729	W	16					12	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.4 (GUC).
05	22	20	15.3&	43.438	N	0.612	W	2					8	PYRENEES. <LDG>. ML 1.9 (LDG).
05	22	28	47.4*	4.594	S	102.179	E	33	N	4.4	0.8	198	11	SOUTHERN SUMATERA, INDONESIA
05	22	31	27.2&	33.481	S	70.824	W	71					15	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.6 (GUC).
05	22	46	30.2*	37.928	N	29.050	E	10	G		1.4	143	6	TURKEY
05	23	23	57.4*	4.428	S	102.219	E	33	N	4.4	1.0	194	15	SOUTHERN SUMATERA, INDONESIA
05	23	24	31.3*	4.497	S	102.117	E	33	N	4.6	1.1	83	22	SOUTHERN SUMATERA, INDONESIA
05	23	55	42.9	4.141	S	102.011	E	33	N	5.5 5.1	0.8	47	229	SOUTHERN SUMATERA, INDONESIA. Mw 5.5 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 23:55:48.4; Lat 4.49 S; Lon 101.75 E; Dep 34.0 Bdy; Half-duration 1.4 sec; Principal axes (scale 10**17 Nm): (T) Val=1.82, Plg=64, Azm=45; (N) Val=0.62, Plg=7, Azm=299; (P) Val=-2.43, Plg=25, Azm=206; Best double couple: Mo=2.1*10**17 Nm; NP1: Strike=280, Dip=21, Slip=69; NP2: Strike=122, Dip=70, Slip=98.
06	00	15	46.6&	33.676	S	72.478	W	5		4.0			27	OFF COAST OF CENTRAL CHILE. <GUC>. MD 4.5 (GUC).
06	00	38	17.2&	45.204	N	7.032	E	5					68	NORTHERN ITALY. <GEN>. ML 3.1 (GEN), 2.8 (LDG), 2.8 (STR).
06	01	12	45.1?	5.00	S	101.58	E	33	N		0.6	206	11	SOUTHERN SUMATERA, INDONESIA
06	01	49	36.0*	24.440	N	122.083	E	10	G	4.4	1.2	124	14	TAIWAN REGION. ML 4.8 (TAP). Recorded (4 TAP) in the epicentral area, (2 TAP) at I-lan and (1 TAP) at Hua-lien and Taipei.
06	02	37	01.0	4.405	S	102.129	E	33	N	5.3 4.9	1.0	39	118	SOUTHERN SUMATERA, INDONESIA. Mw 5.4 (GS). Moment Tensor (GS): Dep 37; Principal axes (scale 10**17 Nm): (T) Val=1.18, Plg=79, Azm=95; (N) Val=0.32, Plg=5, Azm=214; (P) Val=-1.50, Plg=10, Azm=305; Best double couple: Mo=1.3*10**17 Nm; NP1: Strike=42, Dip=36, Slip=99; NP2: Strike=211, Dip=55, Slip=83.
06	02	41	49.8	40.693	N	32.992	E	10	G	5.5 6.1	1.0	52	418	TURKEY. Mw 6.0 (GS), 6.0 (HRV), 5.9 (CSEM). Me 6.0 (GS). MD 5.9 (ISK). At least two people killed, more than 80 injured and at least 4,600 homes damaged in the Cerkes-Cubuk-Orta area. Felt strongly in the Ankara area. Also felt in much of north-central Turkey and along the Black Sea coast. Broadband Source Parameters (GS): Dep 7; NP1: Strike=110, Dip=75, Slip=-150; NP2: Strike=12, Dip=61, Slip=-17; Radiated energy 2.1*10**13 Nm. Moment Tensor (GS): Dep 3; Principal axes (scale 10**18 Nm): (T) Val=1.31, Plg=28, Azm=218; (N) Val=0.05, Plg=19, Azm=118; (P) Val=-1.36, Plg=55, Azm=359; Best double couple: Mo=1.3*10**18 Nm; NP1: Strike=349, Dip=24, Slip=-37; NP2: Strike=113, Dip=76, Slip=-110. Centroid, Moment Tensor (HRV): Centroid origin time 02:41:52.0; Lat 40.75 N; Lon 32.70 E; Dep 15.0 Bdy; Half-duration 2.7 sec; Principal axes (scale 10**18 Nm): (T) Val=1.37, Plg=13, Azm=236; (N) Val=-0.51, Plg=26, Azm=140; (P) Val=-0.86, Plg=61, Azm=350; Best double couple: Mo=1.1*10**18 Nm; NP1: Strike=356, Dip=39, Slip=-47; NP2: Strike=126, Dip=62, Slip=-119. Moment Tensor (CSEM): Dep 10; Principal axes: (T) Plg=33, Azm=207; (N) Plg=52, Azm=61; (P) Plg=17, Azm=308; Best double couple: Mo=7.9*10**17 Nm; NP1: Strike=352, Dip=54, Slip=13; NP2: Strike=254, Dip=80, Slip=143.
06	03	09	50.0*	5.654	S	102.780	E	33	N	4.5	0.4	145	11	SOUTHERN SUMATERA, INDONESIA
06	03	26	46.2&	36.437	N	2.968	W	0	G				10	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.5 (MDD).
06	03	30	57.7*	4.675	S	102.193	E	33	N	4.8	0.8	144	26	SOUTHERN SUMATERA, INDONESIA
06	03	35	04.7*	4.700	S	101.780	E	33	N	4.7	0.7	131	22	SOUTHERN SUMATERA, INDONESIA
06	04	07	23.4	5.675	S	102.920	E	33	N	4.7	0.9	76	40	SOUTHERN SUMATERA, INDONESIA
06	04	48	27.3&	60.010	N	153.198	W	108					69	SOUTHERN ALASKA. <AEIC>.
06	04	54	59.2	11.709	S	130.983	W	10	G	5.4 4.6	0.9	47	144	SOUTH PACIFIC OCEAN
06	04	58	36.8*	17.230	S	178.786	W	500	G	3.8	0.5	142	14	FIJI ISLANDS REGION
06	05	16	55.4	31.954	S	70.027	W	137	?		0.6	125	14	CHILE-ARGENTINA BORDER REGION. MD 3.8 (GUC).
06	05	31	23.5	5.001	S	102.695	E	33	N	5.4 5.0	1.0	33	180	SOUTHERN SUMATERA, INDONESIA. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 05:31:28.5; Lat 5.22 S; Lon 102.31 E; Dep 23.3 Fix; Half-duration 1.3 sec; Principal axes (scale 10**17 Nm): (T) Val=1.18, Plg=65, Azm=21; (N) Val=0.15, Plg=0, Azm=112; (P) Val=-1.33, Plg=25, Azm=202; Best double couple: Mo=1.3*10**17 Nm; NP1: Strike=294, Dip=20, Slip=91; NP2: Strike=112, Dip=70, Slip=89.
06	05	32	19.0&	37.360	N	117.190	W	4					26	CALIFORNIA-NEVADA BORDER REGION. <REN-P>. ML 3.4 (REN).

06	05	59	39.2	40.574	N	32.912	E	10	G	4.3	1.4	93	56	TURKEY
06	06	39	00.7&	36.327	N	118.061	W	1					17	CENTRAL CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
06	07	13	55.7	5.596	S	102.606	E	33	N	4.6	0.9	60	41	SOUTHERN SUMATERA, INDONESIA
06	08	19	52.5*	4.583	S	102.198	E	33	N		0.9	198	14	SOUTHERN SUMATERA, INDONESIA
06	08	21	14.1*	4.476	S	102.080	E	33	N		0.9	104	22	SOUTHERN SUMATERA, INDONESIA
06	08	45	57.2*	5.596	S	103.043	E	33	N	4.6	0.6	198	20	SOUTHERN SUMATERA, INDONESIA
06	09	13	55.8*	5.496	S	103.071	E	33	N	4.4	1.0	198	15	SOUTHERN SUMATERA, INDONESIA
06	09	23	51.9*	1.318	S	91.992	W	10	G	4.3	1.0	174	10	GALAPAGOS ISLANDS, ECUADOR
06	09	30	14.5*	25.167	S	179.775	E	500	G	4.0	1.1	67	13	SOUTH OF FIJI ISLANDS
06	09	31	17.8*	4.377	S	102.038	E	33	N	4.9	0.8	144	26	SOUTHERN SUMATERA, INDONESIA
06	09	58	06.7	5.093	S	102.699	E	33	N	5.8 6.1	0.9	31	383	SOUTHERN SUMATERA, INDONESIA. Mw 6.2 (HRV), 6.1 (GS). Me 6.3 (GS). Felt (IV) in Lampung Province. Felt (III) at Jakarta, Jawa. Broadband Source Parameters (GS): Dep 32; NP1: Strike=30, Dip=50, Slip=165; NP2: Strike=130, Dip=79, Slip=41; Radiated energy 6.6*10**13 Nm. Moment Tensor (GS): Dep 31; Principal axes (scale 10**18 Nm): (T) Val=1.51, Plg=64, Azm=15; (N) Val=-0.30, Plg=2, Azm=109; (P) Val=-1.21, Plg=26, Azm=200; Best double couple: Mo=1.4*10**18 Nm; NP1: Strike=294, Dip=19, Slip=95; NP2: Strike=108, Dip=71, Slip=88. Centroid, Moment Tensor (HRV): Centroid origin time 09:58:13.2; Lat 5.39 S; Lon 102.51 E; Dep 36.0 Bdy; Half-duration 3.2 sec; Principal axes (scale 10**18 Nm): (T) Val=2.05, Plg=65, Azm=32; (N) Val=0.28, Plg=1, Azm=123; (P) Val=-2.33, Plg=25, Azm=213; Best double couple: Mo=2.2*10**18 Nm; NP1: Strike=304, Dip=20, Slip=92; NP2: Strike=123, Dip=70, Slip=89.
06	10	35	34.8?	4.93	S	102.83	E	33	N		0.5	197	16	SOUTHERN SUMATERA, INDONESIA
06	10	44	17.5*	5.059	S	101.829	E	33	N	4.7	0.4	199	13	SOUTHWEST OF SUMATERA, INDONESIA
06	10	58	02.9*	4.815	S	102.108	E	33	N	4.5	0.5	80	13	SOUTHERN SUMATERA, INDONESIA
06	10	59	09.7	37.012	N	103.791	E	10	G	5.2 5.6	1.2	31	209	GANSU, CHINA. Mw 5.6 (HRV). ML 5.8 (BJI). At least 20 people injured and damage in the Baiyin area. Felt at Lanzhou and in much of central Gansu Province. Centroid, Moment Tensor (HRV): Centroid origin time 10:59:12.5; Lat 37.02 N; Lon 103.91 E; Dep 15.0 Fix; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=2.26, Plg=11, Azm=320; (N) Val=0.59, Plg=68, Azm=202; (P) Val=-2.85, Plg=19, Azm=54; Best double couple: Mo=2.5*10**17 Nm; NP1: Strike=96, Dip=68, Slip=-6; NP2: Strike=188, Dip=85, Slip=-158.
06	11	45	09.6&	42.054	N	0.279	W	0	G				26	PYRENEES. <MDD>. ML 3.0 (LDG), 2.9 (STR). mbLg 2.7 (MDD).
06	11	45	52.7&	47.137	N	14.995	E	10	G		0.7	106	6	AUSTRIA. ML 2.4 (VIE).
06	12	16	19.1?	40.52	N	33.21	E	10	G	3.7	0.9	214	5	TURKEY
06	12	41	51.3	52.934	N	171.442	E	59	D	4.4	0.9	166	59	NEAR ISLANDS, ALEUTIAN ISLANDS
06	12	53	21.6?	51.81	N	178.41	E	33	N		0.6	204	6	RAT ISLANDS, ALEUTIAN ISLANDS
06	13	01	05.6*	4.133	S	130.199	E	33	N	3.9	0.9	212	11	BANDA SEA
06	13	56	58.7&	44.490	N	3.010	E	10	G				5	FRANCE. <STR>. ML 2.5 (STR).
06	14	13	34.4&	63.602	N	150.495	W	7					46	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC), 3.0 (PMR). Felt at Kantishna.
06	14	50	52.4&	43.944	N	8.512	E	23					7	CORSICA, FRANCE. <GEN>. ML 2.0 (GEN).
06	14	57	02.2	29.424	N	131.421	E	33	N	5.8 6.0	1.0	46	389	SOUTHEAST OF RYUKYU ISLANDS. Mw 6.4 (HRV), 6.3 (GS). Me 6.3 (GS). Recorded (3 JMA) on Kuchino-shima, Amami-O-shima and parts of eastern Kyushu; (2 JMA) on Kikai-jima, in much of southern Kyushu and parts of western Honshu. Broadband Source Parameters (GS): Dep 18; NP1: Strike=250, Dip=63, Slip=155; NP2: Strike=352, Dip=68, Slip=29; Radiated energy 7.1*10**13 Nm. Complex earthquake. A small event is followed by a larger one about 3 seconds later. Depth based on larger event. Moment Tensor (GS): Dep 30; Principal axes (scale 10**18 Nm): (T) Val=3.19, Plg=53, Azm=234; (N) Val=-0.17, Plg=36, Azm=67; (P) Val=-3.03, Plg=6, Azm=332; Best double couple: Mo=3.1*10**18 Nm; NP1: Strike=29, Dip=50, Slip=39; NP2: Strike=271, Dip=61, Slip=133. Centroid, Moment Tensor (HRV): Centroid origin time 14:57:08.6; Lat 29.31 N; Lon 131.53 E; Dep 36.0; Half-duration 3.7 sec; Principal axes (scale 10**18 Nm): (T) Val=4.05, Plg=57, Azm=231; (N) Val=0.24, Plg=33, Azm=52; (P) Val=-4.29, Plg=0, Azm=322; Best double couple: Mo=4.2*10**18 Nm; NP1: Strike=23, Dip=53, Slip=47; NP2: Strike=260, Dip=54, Slip=133.
06	16	17	29.0	5.054	S	102.046	E	33	N	4.6	1.0	80	33	SOUTHERN SUMATERA, INDONESIA
06	16	34	07.7*	5.737	S	154.875	E	88	D		0.9	203	8	SOLOMON ISLANDS
06	17	03	16.8	16.220	N	97.394	W	33	N	4.3	1.3	95	56	OAXACA, MEXICO. MD 4.5 (UNM).
06	17	28	22.9*	6.870	S	153.489	E	33	N	3.9	0.6	204	9	NEW BRITAIN REGION, P.N.G.
06	17	30	11.9&	46.327	N	111.428	W	2					27	MONTANA. <BUT-P>. ML 3.3 (BUT). Felt in the Townsend area.
06	17	31	04.1	4.907	S	101.853	E	33	N	4.7 4.9	1.1	64	42	SOUTHERN SUMATERA, INDONESIA
06	18	22	02.7*	5.501	S	102.826	E	33	N	4.1	1.0	73	11	SOUTHERN SUMATERA, INDONESIA
06	18	25	30.5	18.641	N	104.174	W	33	N	4.7	1.2	90	120	NEAR COAST OF JALISCO, MEXICO. MD 4.7 (UNM).
06	18	32	07.2*	5.073	S	102.755	E	33	N	4.7	0.9	198	23	SOUTHERN SUMATERA, INDONESIA
06	18	34	01.3&	42.736	N	1.724	W	0	G				11	PYRENEES. <MDD>. ML 2.5 (LDG). mbLg 2.3 (MDD).
06	18	49	39.8&	61.734	N	150.694	W	36					9	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
06	19	46	36.3	4.502	S	102.371	E	33	N	4.8	0.9	103	39	SOUTHERN SUMATERA, INDONESIA
06	19	56	03.5&	62.817	N	148.969	W	20					36	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC).
06	20	22	39.1*	36.666	N	70.497	E	33	N		0.9	121	9	HINDU KUSH REGION, AFGHANISTAN
06	20	57	21.6&	38.827	N	122.804	W	5					17	NORTHERN CALIFORNIA. <NC-P>. ML 2.8 (NC).
06	20	58	14.3	51.599	N	16.386	E	5	G		0.8	152	13	POLAND. ML 3.6 (VIE).

06	21	16	42.4	36.829	N	135.464	E	10	G	5.7	5.3	0.9	48	394	SEA OF JAPAN. Mw 5.9 (GS), 5.9 (HRV). Me 5.8 (GS). Three people injured in central Japan. Recorded (5L JMA) at Komatsu; (4 JMA) in Fukui and Ishikawa; (3 JMA) in Kyoto and Toyama Prefectures, Honshu. Broadband Source Parameters (GS): Dep 7; NP1: Strike=209, Dip=63, Slip=105; NP2: Strike=358, Dip=31, Slip=63; Radiated energy 1.2*10**13 Nm. Moment Tensor (GS): Dep 7; Principal axes (scale 10**17 Nm): (T) Val=7.06, Plg=85, Azm=96; (N) Val=-0.13, Plg=1, Azm=193; (P) Val=-6.93, Plg=5, Azm=283; Best double couple: Mo=7.0*10**17 Nm; NP1: Strike=13, Dip=40, Slip=91; NP2: Strike=192, Dip=50, Slip=89. Centroid, Moment Tensor (HRV): Centroid origin time 21:16:47.2; Lat 36.86 N; Lon 135.44 E; Dep 28.5 Fix; Half-duration 2.2 sec; Principal axes (scale 10**17 Nm): (T) Val=6.83, Plg=71, Azm=156; (N) Val=2.35, Plg=13, Azm=21; (P) Val=-9.18, Plg=13, Azm=288; Best double couple: Mo=8.0*10**17 Nm; NP1: Strike=1, Dip=34, Slip=66; NP2: Strike=210, Dip=59, Slip=106.
06	21	27	08.5*	36.835	N	135.360	E	10	G			0.9	85	8	SEA OF JAPAN
06	21	53	08.2*	33.058	S	68.575	W	10	G			1.2	154	11	MENDOZA PROVINCE, ARGENTINA. MD 3.9 (GUC).
06	21	57	55.6&	37.346	N	2.203	W	0	G					4	SPAIN. <MDD>. mbLg 2.0 (MDD).
06	22	12	07.2&	16.286	N	98.073	W	13						10	NEAR COAST OF GUERRERO, MEXICO. <UNM>. MD 3.9 (UNM).
06	22	24	48.4?	37.97	N	73.54	E	52	?	3.5		0.4	160	7	TAJIKISTAN
06	22	42	06.4?	5.40	S	102.05	E	33	N	4.7		0.9	199	14	SOUTHERN SUMATERA, INDONESIA
06	23	11	33.7*	5.208	S	152.591	E	65	*	4.8		1.1	126	28	NEW BRITAIN REGION, P.N.G.
07	00	42	12.8	51.882	S	139.441	E	10	G	4.9	4.8	1.1	68	42	WESTERN INDIAN-ANTARCTIC RIDGE. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 00:42:19.5; Lat 51.81 S; Lon 139.69 E; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=8.76, Plg=0, Azm=226; (N) Val=-1.43, Plg=90, Azm=180; (P) Val=-7.33, Plg=0, Azm=136; Best double couple: Mo=8.1*10**16 Nm; NP1: Strike=271, Dip=90, Slip=-180; NP2: Strike=1, Dip=90, Slip=0.
07	01	05	37.0&	63.477	N	151.144	W	5	G					26	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC), 2.9 (PMR).
07	01	18	09.1&	67.602	N	144.908	W	30	G					8	NORTHERN ALASKA. <AEIC>. ML 2.8 (AEIC).
07	01	20	48.5	48.956	S	121.391	E	10	G	4.6	4.1	1.1	72	35	WESTERN INDIAN-ANTARCTIC RIDGE
07	02	08	56.4&	34.336	N	116.469	W	6						9	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
07	02	47	12.3?	22.87	S	179.66	W	589	?			1.1	135	15	SOUTH OF FIJI ISLANDS
07	02	49	52.5&	19.178	N	104.564	W	93						10	NEAR COAST OF JALISCO, MEXICO. <UNM>. MD 4.2 (UNM).
07	03	10	55.7*	5.012	S	102.127	E	33	N	4.7		0.6	144	18	SOUTHERN SUMATERA, INDONESIA
07	03	58	49.1	35.475	N	75.094	E	33	N	4.1		1.1	106	24	EASTERN KASHMIR
07	04	07	05.4	4.851	S	102.025	E	33	N	4.7		1.0	81	44	SOUTHERN SUMATERA, INDONESIA
07	04	12	10.5?	5.45	S	102.61	E	33	N	4.3		1.5	120	7	SOUTHERN SUMATERA, INDONESIA
07	04	13	53.9	46.421	N	15.104	E	10	G			0.8	112	7	NORTHWESTERN BALKAN REGION. ML 1.9 (VIE).
07	04	45	41.5&	33.180	N	115.605	W	2						17	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS).
07	05	20	18.8*	10.589	N	86.343	W	33	N	4.3		1.2	170	37	OFF COAST OF COSTA RICA
07	07	37	39.4*	48.631	N	8.829	E	10	G			0.4	195	5	GERMANY. ML 2.2 (STR).
07	08	22	23.4&	59.146	N	152.553	W	68						14	SOUTHERN ALASKA. <AEIC>. ML 3.0 (AEIC).
07	08	51	20.9*	37.898	S	177.691	E	33	N	4.8		1.5	87	30	OFF E. COAST OF N. ISLAND, N.Z. Felt at East Cape and Whakatane.
07	09	12	57.0&	47.410	N	6.100	E	3	G					4	FRANCE. <STR>. ML 2.1 (STR).
07	09	40	39.6*	5.610	S	103.137	E	33	N	4.5		0.9	160	16	SOUTHERN SUMATERA, INDONESIA
07	09	42	36.8*	4.041	S	102.772	E	33	N	4.7		1.1	106	23	SOUTHERN SUMATERA, INDONESIA
07	09	53	03.1&	35.055	S	70.559	W	15						14	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.9 (GUC).
07	09	54	27.7?	3.48	S	125.98	E	33	N	4.2		1.5	165	9	CERAM SEA
07	12	09	05.9&	62.961	N	151.246	W	10	G					10	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC).
07	12	51	11.6	29.456	N	113.428	W	10	G	4.4		0.9	174	36	GULF OF CALIFORNIA
07	13	26	15.4&	44.940	N	6.497	E	3						5	FRANCE. <GEN>. ML 1.9 (GEN).
07	13	37	00.2*	51.499	N	167.440	W	33	N			0.9	130	11	FOX ISLANDS, ALEUTIAN ISLANDS
07	14	31	36.7?	4.71	S	102.20	E	33	N	4.6		1.2	198	8	SOUTHERN SUMATERA, INDONESIA
07	15	51	19.4*	40.124	N	139.085	E	211	*	4.2		1.0	151	14	NEAR WEST COAST OF HONSHU, JAPAN
07	16	15	49.6*	51.156	N	16.010	E	5	G			0.8	194	6	POLAND. MG 2.7 (WAR).
07	16	24	51.8	4.894	S	102.095	E	33	N	4.8		1.0	44	70	SOUTHERN SUMATERA, INDONESIA
07	16	45	37.2	4.943	N	126.820	E	86		5.2	5.0	1.0	95	119	TALAUD ISLANDS, INDONESIA. Mw 5.5 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 16:45:42.8; Lat 5.29 N; Lon 126.96 E; Dep 55.5; Half-duration 1.4 sec; Principal axes (scale 10**17 Nm): (T) Val=1.90, Plg=10, Azm=35; (N) Val=0.62, Plg=79, Azm=246; (P) Val=-2.52, Plg=6, Azm=126; Best double couple: Mo=2.2*10**17 Nm; NP1: Strike=170, Dip=79, Slip=3; NP2: Strike=80, Dip=87, Slip=169.
07	16	45	47.8&	36.938	N	121.683	W	12						13	CENTRAL CALIFORNIA. <NC-P>. MD 2.8 (NC).
07	17	18	34.1	0.062	S	124.460	E	101		4.7		1.0	88	48	SOUTHERN MOLUCCA SEA
07	18	34	54.8*	15.550	S	177.633	W	349	?	4.3		0.8	126	36	FIJI ISLANDS REGION
07	18	54	36.8*	1.609	S	123.461	E	33	N	3.9		1.3	127	12	SULAWESI, INDONESIA
07	19	47	12.5?	13.96	S	167.69	E	33	N	4.3		1.2	163	32	VANUATU ISLANDS
07	20	04	29.6*	4.987	S	102.430	E	33	N	4.8		1.0	198	18	SOUTHERN SUMATERA, INDONESIA
07	20	13	15.4&	61.857	N	148.412	W	10	G					16	SOUTHERN ALASKA. <AEIC>. ML 2.7 (AEIC).
07	20	32	56.7*	4.632	S	101.899	E	33	N	4.4		1.0	161	11	SOUTHERN SUMATERA, INDONESIA
07	20	49	31.4?	52.20	S	13.90	E	10	G	4.2		0.6	165	7	SOUTHWEST OF AFRICA
07	21	15	39.0	38.512	N	66.366	E	33	N	4.4	4.1	1.4	111	34	SOUTHEASTERN UZBEKISTAN
07	21	41	27.2*	4.676	S	101.875	E	33	N	4.4		1.2	80	26	SOUTHERN SUMATERA, INDONESIA
07	21	42	39.4*	5.562	S	103.118	E	33	N	4.4		1.0	106	23	SOUTHERN SUMATERA, INDONESIA
07	21	46	55.9	26.856	N	97.238	E	33	N	6.3	6.5	0.9	22	402	MYANMAR. Mw 6.3 (HRV), 6.2 (GS). Me 6.5 (GS). Many buildings damaged at Liuku, China. Felt in northern Myanmar and in the state of Arunachal Pradesh, India. Broadband Source Parameters (GS): Dep 11; NP1: Strike=170, Dip=70, Slip=105; NP2: Strike=312, Dip=25, Slip=55; Radiated energy 1.4*10**14 Nm. Moment Tensor (GS): Dep 12; Principal axes (scale 10**18 Nm): (T) Val=2.58, Plg=72, Azm=122; (N) Val=-0.03, Plg=14, Azm=342; (P) Val=-2.55, Plg=11,

													Azm=250; Best double couple: Mo=2.6*10**18 Nm; NP1: Strike=322, Dip=36, Slip=66; NP2: Strike=171, Dip=58, Slip=107. Centroid, Moment Tensor (HRV): Centroid origin time 21:47:00.2; Lat 26.70 N; Lon 97.15 E; Dep 37.0 Bdy; Half-duration 3.7 sec; Principal axes (scale 10**18 Nm): (T) Val=3.32, Plg=57, Azm=118; (N) Val=0.84, Plg=28, Azm=333; (P) Val=-4.16, Plg=16, Azm=234; Best double couple: Mo=3.7*10**18 Nm; NP1: Strike=290, Dip=38, Slip=41; NP2: Strike=166, Dip=66, Slip=120.
07	22	40	45.6?	23.53	S	66.61	W	179 ?	3.6		0.9	134	5	JUJUY PROVINCE, ARGENTINA
07	23	07	48.1&	34.416	N	32.125	E	25					7	CYPRUS REGION. <CSS>. ML 3.0 (CSS).
07	23	35	10.9*	5.621	S	102.531	E	33 N	4.6		0.8	145	13	SOUTHERN SUMATERA, INDONESIA
07	23	38	32.4&	34.446	N	32.218	E	25					6	CYPRUS REGION. <CSS>. ML 2.7 (CSS).
07	23	38	44.5?	5.62	S	102.94	E	33 N	4.2		0.9	144	7	SOUTHERN SUMATERA, INDONESIA
07	23	45	26.6	4.612	S	101.905	E	33 N	6.1	6.7	1.2	35	352	SOUTHERN SUMATERA, INDONESIA. Mw 6.7 (HRV), 6.5 (GS). Me 6.6 (GS). One person killed and at least 600 buildings damaged at Lahat. Felt (V) at Bengkulu. Felt at Pelembang. Also felt (II) at Jakarta, Jawa. Broadband Source Parameters (GS): Dep 32; NP1: Strike=245, Dip=60, Slip=75; NP2: Strike=93, Dip=33, Slip=114; Radiated energy 1.7*10**14 Nm. Moment Tensor (GS): Dep 29; Principal axes (scale 10**18 Nm): (T) Val=6.52, Plg=73, Azm=173; (N) Val=-0.38, Plg=9, Azm=52; (P) Val=-6.14, Plg=14, Azm=319; Best double couple: Mo=6.3*10**18 Nm; NP1: Strike=37, Dip=32, Slip=72; NP2: Strike=237, Dip=60, Slip=101. Centroid, Moment Tensor (HRV): Centroid origin time 23:45:34.9; Lat 4.63 S; Lon 101.82 E; Dep 16.6; Half-duration 5.4 sec; Principal axes (scale 10**19 Nm): (T) Val=1.33, Plg=76, Azm=128; (N) Val=-0.10, Plg=7, Azm=9; (P) Val=-1.22, Plg=12, Azm=277; Best double couple: Mo=1.3*10**19 Nm; NP1: Strike=358, Dip=34, Slip=78; NP2: Strike=193, Dip=57, Slip=98.
07	23	59	23.6*	4.829	S	101.751	E	33 N	4.8		1.0	106	13	SOUTHERN SUMATERA, INDONESIA
08	00	08	29.4	4.391	S	102.037	E	33 N	4.7		0.8	106	24	SOUTHERN SUMATERA, INDONESIA
08	00	08	55.8	4.505	S	101.902	E	33 N	5.0		0.7	80	31	SOUTHERN SUMATERA, INDONESIA
08	00	11	09.2	4.649	S	101.985	E	33 N	5.1		1.0	65	66	SOUTHERN SUMATERA, INDONESIA
08	00	14	21.0*	4.849	S	101.875	E	33 N	4.7		1.1	199	13	SOUTHERN SUMATERA, INDONESIA
08	00	15	49.5&	34.424	N	32.106	E	25					5	CYPRUS REGION. <CSS>. ML 2.3 (CSS).
08	00	18	11.0*	4.470	S	101.977	E	33 N	4.8		0.8	106	15	SOUTHERN SUMATERA, INDONESIA
08	00	20	15.9?	4.62	S	101.81	E	33 N			0.9	144	8	SOUTHERN SUMATERA, INDONESIA
08	00	27	23.5?	4.49	S	102.07	E	33 N			1.0	144	8	SOUTHERN SUMATERA, INDONESIA
08	00	28	50.4*	4.810	S	101.813	E	33 N			1.0	79	13	SOUTHERN SUMATERA, INDONESIA
08	00	30	05.1*	4.634	S	101.849	E	33 N	4.8		1.2	106	10	SOUTHERN SUMATERA, INDONESIA
08	00	32	46.5	32.679	N	130.682	E	22	5.0		0.8	113	75	KYUSHU, JAPAN. Recorded (5L JMA) at Tomiai and Kashima; (4 JMA) in Kumamoto and (3 JMA) in Miyazaki Prefectures. Recorded (1 JMA) from Kagoshima Prefecture to Shikoku and western Honshu.
08	00	37	08.8*	4.607	S	101.882	E	33 N	4.6		0.7	106	15	SOUTHERN SUMATERA, INDONESIA
08	00	41	28.2	5.121	N	125.841	E	126 *	5.1		0.6	133	15	MINDANAO, PHILIPPINES
08	00	43	23.9*	4.461	S	101.909	E	33 N	4.6		0.9	106	15	SOUTHERN SUMATERA, INDONESIA
08	01	09	21.5*	4.685	S	101.884	E	33 N			1.0	106	11	SOUTHERN SUMATERA, INDONESIA
08	01	14	03.4*	4.477	S	101.951	E	33 N	4.7		0.8	106	17	SOUTHERN SUMATERA, INDONESIA
08	01	28	49.3?	4.57	S	101.89	E	33 N			0.8	106	7	SOUTHERN SUMATERA, INDONESIA
08	01	30	26.5&	34.483	S	70.777	W	101					13	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.4 (GUC).
08	01	34	42.3*	4.673	S	101.824	E	33 N			0.8	144	8	SOUTHERN SUMATERA, INDONESIA
08	01	40	36.7	4.570	S	101.838	E	33 N	4.9		0.9	66	47	SOUTHERN SUMATERA, INDONESIA
08	01	54	06.7*	0.107	N	16.758	W	10 G			0.3	141	6	NORTH OF ASCENSION ISLAND
08	01	58	28.6&	34.401	N	32.114	E	25					10	CYPRUS REGION. <CSS>. ML 3.8 (CSS).
08	02	10	54.8?	4.52	S	101.82	E	33 N	4.2		1.1	104	12	SOUTHERN SUMATERA, INDONESIA
08	02	11	53.4	4.476	S	102.032	E	33 N	4.9		0.8	106	31	SOUTHERN SUMATERA, INDONESIA
08	02	24	31.9	36.586	N	71.285	E	224 D			0.8	99	21	AFGHANISTAN-TAJIKISTAN BORD REG.
08	02	35	12.1*	53.457	N	160.861	E	63 *			0.8	182	12	NEAR EAST COAST OF KAMCHATKA
08	02	58	53.5&	34.333	N	32.121	E	25					5	CYPRUS REGION. <CSS>. ML 2.3 (CSS).
08	02	59	38.0&	60.144	N	152.912	W	127					74	SOUTHERN ALASKA. <AEIC>.
08	03	09	14.6&	34.347	N	32.134	E	25					7	CYPRUS REGION. <CSS>. ML 3.0 (CSS).
08	03	10	22.0*	4.813	S	101.892	E	33 N			1.0	106	9	SOUTHERN SUMATERA, INDONESIA
08	03	52	56.6	5.563	N	125.265	E	210	4.7		1.0	95	97	MINDANAO, PHILIPPINES
08	04	34	50.6	4.473	S	101.884	E	33 N	5.0	4.9	0.9	61	87	SOUTHERN SUMATERA, INDONESIA. Felt (III) at Bengkulu.
08	04	43	26.5*	5.612	S	102.775	E	33 N	4.8		0.8	145	10	SOUTHERN SUMATERA, INDONESIA
08	04	51	28.4&	40.112	N	2.741	W	12					6	SPAIN. <MDD>. mbLg 2.2 (MDD).
08	04	51	49.1*	20.457	S	68.918	W	93 *	4.3		1.1	106	36	CHILE-BOLIVIA BORDER REGION
08	04	56	19.3*	4.443	S	101.943	E	33 N	4.7		0.8	161	11	SOUTHERN SUMATERA, INDONESIA
08	05	47	14.6?	4.48	S	102.02	E	33 N			1.4	144	6	SOUTHERN SUMATERA, INDONESIA
08	07	32	41.9	18.059	S	174.670	W	33 N	4.8		0.8	118	58	TONGA ISLANDS
08	08	08	11.6	14.207	N	92.056	W	59	5.2	4.9	1.1	63	233	NEAR COAST OF CHIAPAS, MEXICO. Mw 5.5 (HRV). MD 5.2 (UNM). Centroid, Moment Tensor (HRV): Centroid origin time 08:08:13.1; Lat 14.13 N; Lon 92.44 W; Dep 41.6; Half-duration 1.4 sec; Principal axes (scale 10**17 Nm): (T) Val=2.08, Plg=72, Azm=64; (N) Val=0.17, Plg=12, Azm=295; (P) Val=-2.25, Plg=14, Azm=202; Best double couple: Mo=2.2*10**17 Nm; NP1: Strike=276, Dip=33, Slip=68; NP2: Strike=122, Dip=60, Slip=104.
08	08	19	17.1&	35.781	N	117.646	W	3					23	CENTRAL CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
08	09	42	39.7	1.720	S	149.875	E	33 N	4.9	3.9	0.8	90	59	NEW IRELAND REGION, P.N.G.
08	09	44	35.9?	26.51	N	96.90	E	33 N	4.0		1.3	128	8	MYANMAR
08	10	01	09.0&	44.330	N	7.640	E	10 G					8	NORTHERN ITALY. <STR>. ML 2.4 (STR).
08	10	19	25.8*	5.123	S	132.387	E	33 N	4.7		1.3	121	14	ARU ISLANDS REGION, INDONESIA
08	10	20	41.4&	43.930	N	7.170	E	2 G					6	NEAR SOUTH COAST OF FRANCE. <STR>. ML 2.1 (STR).
08	11	44	49.0?	5.14	S	101.63	E	33 N	4.3		0.6	145	7	SOUTHWEST OF SUMATERA, INDONESIA

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08  12 18 19.6?  5.04  S  102.92  E   33 N  4.5      1.1  144   8  SOUTHERN SUMATERA, INDONESIA
08  12 21 09.9  26.587 N   97.018 E   33 N  5.1 4.6  1.2   34  156  MYANMAR. Mw 5.1 (HRV).
                                                                   Centroid, Moment Tensor (HRV): Centroid origin time
                                                                    12:21:12.4; Lat 26.43 N; Lon 97.41 E; Dep 18.8; Half-
                                                                    duration 1.0 sec; Principal axes (scale 10**16 Nm):
                                                                    (T) Val=4.70, Plg=71, Azm=276; (N) Val=2.15, Plg=12,
                                                                    Azm=146; (P) Val=-6.85, Plg=14, Azm=53; Best double
                                                                    couple: Mo=5.8*10**16 Nm; NP1: Strike=126, Dip=33,
                                                                    Slip=67; NP2: Strike=333, Dip=60, Slip=104.
08  12 31 58.9?  4.40  S  101.99  E   33 N  3.8      0.9  106   7  SOUTHERN SUMATERA, INDONESIA
08  12 34 31.2*  5.597 S  102.587 E   33 N  4.7 4.6  0.9  161  26  SOUTHERN SUMATERA, INDONESIA
08  12 55 38.2& 59.620 N  152.221 W   69                        44  SOUTHERN ALASKA. <AEIC>. ML 2.7 (AEIC).
08  12 58 39.1? 17.32  S  174.38  W   33 N  4.6      0.9  162  12  TONGA ISLANDS
08  12 59 57.1   4.354 S  102.187 E   33 N  5.1      1.1   83  56  SOUTHERN SUMATERA, INDONESIA. Felt (III) at Bengkulu.
08  13 01 30.8  14.147 N   91.868 W   37 *  4.5      0.9  127  65  GUATEMALA. MD 4.8 (UNM).
08  13 26 51.8?  1.23  S   99.33  E   33 N  3.6      0.4  143   6  SOUTHERN SUMATERA, INDONESIA
08  13 53 53.0  52.120 N  159.611 E   45    4.9 4.6  1.2   87  183  OFF EAST COAST OF KAMCHATKA. Mw 5.1 (HRV).
                                                                   Centroid, Moment Tensor (HRV): Centroid origin time
                                                                    13:53:59.0; Lat 52.11 N; Lon 159.85 E; Dep 40.3; Half-
                                                                    duration 1.0 sec; Principal axes (scale 10**16 Nm):
                                                                    (T) Val=5.41, Plg=77, Azm=240; (N) Val=0.47, Plg=12,
                                                                    Azm=41; (P) Val=-5.88, Plg=4, Azm=132; Best double
                                                                    couple: Mo=5.6*10**16 Nm; NP1: Strike=235, Dip=42,
                                                                    Slip=108; NP2: Strike=30, Dip=50, Slip=74.
08  14 07 41.1   4.617 S  101.946 E   33 N  4.8 4.7  1.0   50   64  SOUTHERN SUMATERA, INDONESIA
08  14 55 04.6   4.432 S  102.071 E   33 N  4.8      0.9  106  47  SOUTHERN SUMATERA, INDONESIA
08  15 30 54.4? 30.23  N  132.90  E   33 N  4.6      0.9  285   8  SOUTHEAST OF SHIKOKU, JAPAN
08  15 31 04.4  46.640 N   15.178 E   10 G          1.2  122  10  NORTHWESTERN BALKAN REGION. ML 2.5 (VIE), 2.3 (LJU).
08  15 33 42.3  14.244 N   91.950 W   70    4.9      1.0   89  152  GUATEMALA. Mw 5.3 (HRV). MD 4.9 (UNM).
                                                                   Centroid, Moment Tensor (HRV): Centroid origin time
                                                                    15:33:41.1; Lat 14.05 N; Lon 92.44 W; Dep 40.5; Half-
                                                                    duration 1.1 sec; Principal axes (scale 10**17 Nm):
                                                                    (T) Val=0.97, Plg=70, Azm=49; (N) Val=0.08, Plg=7,
                                                                    Azm=298; (P) Val=-1.05, Plg=19, Azm=206; Best double
                                                                    couple: Mo=1.0*10**17 Nm; NP1: Strike=284, Dip=27,
                                                                    Slip=74; NP2: Strike=122, Dip=64, Slip=98.
08  16 09 56.6& 46.503 N    4.372 E   19                        6  FRANCE. <LDG>. MD 2.1 (LDG).
08  16 46 18.9& 36.361 N    5.540 W    0 G                      8  STRAIT OF GIBRALTAR. <MDD>. mbLg 2.6 (MDD).
08  18 32 16.5* 46.439 N   15.120 E   10 G          0.9  113   5  NORTHWESTERN BALKAN REGION. ML 1.9 (VIE).
08  19 13 41.7   5.156 S  101.984 E   33 N  4.7      0.8   80  25  SOUTHWEST OF SUMATERA, INDONESIA
08  19 54 55.7*  4.242 S  102.455 E   33 N  4.9      1.1  194  25  SOUTHERN SUMATERA, INDONESIA
08  20 40 41.6* 55.733 N  110.055 E   10 G          1.2  190   8  LAKE BAYKAL REGION, RUSSIA
08  20 42 23.6  46.721 N   14.309 E   10 G          1.4   69  30  NORTHWESTERN BALKAN REGION. ML 3.5 (VIE), 3.3 (GRF),
                                                                    3.1 (LDG), 3.0 (FBB). Felt (V) at St. Veit an der
                                                                    Glan, Austria.
08  20 56 17.1& 30.422 S   72.018 W   25                       12  OFF COAST OF CENTRAL CHILE. <GUC>. MD 4.6 (GUC).
08  21 17 50.9& 33.019 S   70.399 W    5                        8  CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.1 (GUC).
08  21 27 58.6  40.724 N   32.936 E   36    4.5 4.1  1.2   67  100  TURKEY. Felt at Cankiri.
08  21 34 25.1& 46.362 N  111.385 W    2                       20  MONTANA. <BUT-P>. ML 3.1 (BUT). Felt in the Townsend
                                                                    area.
08  21 42 43.6  34.509 N   24.195 E   34    3.9      1.1  115  71  CRETE, GREECE
08  23 24 32.0   4.523 S  102.107 E   33 N  4.9      0.8   80  36  SOUTHERN SUMATERA, INDONESIA. Felt (II) at Bengkulu.
08  23 35 17.2?  5.30  S  103.15  E   33 N          0.8  110   6  SOUTHERN SUMATERA, INDONESIA
08  23 37 44.1  44.334 N   11.802 E   10 G          1.3  177  20  NORTHERN ITALY. ML 2.9 (VIE), 2.8 (LDG).
08  23 43 38.8& 38.180 S  175.950 E  197                       12  NORTH ISLAND, NEW ZEALAND. <WEL>.
08  23 44 19.3& 41.334 N  122.116 W   10                        8  NORTHERN CALIFORNIA. <NC-P>. MD 2.7 (NC).
08  23 49 43.5   5.647 S  102.541 E   33 N  4.7      0.7   62  32  SOUTHERN SUMATERA, INDONESIA. Felt (III) at Bengkulu.
08  23 49 48.8* 49.035 S    9.595 W   10 G  4.4      1.1  123   9  SOUTHERN MID-ATLANTIC RIDGE
09  00 12 46.5& 57.231 N  155.345 W   59                        9  ALASKA PENINSULA. <AEIC>. ML 2.6 (AEIC).
09  01 27 15.1   5.071 S  152.495 E   33 N  5.4 6.3  1.1   56  238  NEW BRITAIN REGION, P.N.G. Mw 6.3 (GS), 6.3 (HRV). Me
                                                                    5.6 (GS).
                                                                   Broadband Source Parameters (GS): Dep 18; NP1:
                                                                    Strike=85, Dip=75, Slip=75; NP2: Strike=311, Dip=21,
                                                                    Slip=134; Radiated energy 6.1*10**12 Nm.
                                                                   Moment Tensor (GS): Dep 14; Principal axes (scale
                                                                    10**18 Nm): (T) Val=2.72, Plg=56, Azm=8; (N)
                                                                    Val=-0.02, Plg=12, Azm=260; (P) Val=-2.70, Plg=31,
                                                                    Azm=162; Best double couple: Mo=2.7*10**18 Nm; NP1:
                                                                    Strike=217, Dip=17, Slip=46; NP2: Strike=82, Dip=77,
                                                                    Slip=102.
                                                                   Centroid, Moment Tensor (HRV): Centroid origin time
                                                                    01:27:22.4; Lat 5.31 S; Lon 152.69 E; Dep 28.0 Bdy;
                                                                    Half-duration 3.5 sec; Principal axes (scale 10**18
                                                                    Nm): (T) Val=3.23, Plg=64, Azm=343; (N) Val=0.14,
                                                                    Plg=1, Azm=74; (P) Val=-3.37, Plg=26, Azm=165; Best
                                                                    double couple: Mo=3.3*10**18 Nm; NP1: Strike=257,
                                                                    Dip=19, Slip=93; NP2: Strike=74, Dip=71, Slip=89.
09  01 28 05.7* 55.830 S  144.322 W   10 G  5.1      0.9  120  11  PACIFIC-ANTARCTIC RIDGE
09  01 46 45.1*  5.249 S  152.470 E   63 *  4.7      1.0  171  16  NEW BRITAIN REGION, P.N.G.
09  02 03 00.7*  5.083 S  152.364 E   67 *  4.8      0.8  126  20  NEW BRITAIN REGION, P.N.G.
09  02 08 23.6* 55.790 S  144.455 W   10 G  5.2 5.0  1.2   92  24  PACIFIC-ANTARCTIC RIDGE
09  02 10 27.7   5.189 S  152.431 E   70 *  5.1      0.8   57  85  NEW BRITAIN REGION, P.N.G.
09  02 28 32.3  46.397 N   15.121 E   10 G          1.4  117   8  NORTHWESTERN BALKAN REGION. ML 1.8 (VIE).
09  02 42 18.7   5.237 S  152.468 E   64 *  5.1      1.0   57  50  NEW BRITAIN REGION, P.N.G.
09  03 11 45.8?  1.13  N   84.86  W   33 N  4.3      1.1  136  13  OFF COAST OF ECUADOR
09  03 14 19.5  40.689 N   32.925 E   10 G  4.6      1.0   62  139  TURKEY. Felt in the Cankiri area.
09  03 26 01.8  37.401 N   72.407 E  207 *  4.6      0.9  111  27  TAJIKISTAN
09  04 09 12.4& 35.767 N    8.798 W   30 G                       8  WEST OF GIBRALTAR. <MDD>. mbLg 2.2 (MDD).
09  04 21 02.6   5.519 S  102.827 E   33 N  5.2 5.0  1.1   37  138  SOUTHERN SUMATERA, INDONESIA. Mw 5.3 (HRV).
                                                                   Centroid, Moment Tensor (HRV): Centroid origin time
                                                                    04:21:05.6; Lat 5.51 S; Lon 103.07 E; Dep 46.3; Half-
                                                                    duration 1.1 sec; Principal axes (scale 10**16 Nm):
                                                                    (T) Val=9.12, Plg=28, Azm=293; (N) Val=-0.90, Plg=50,
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												Azm=164; (P) Val=-8.22, Plg=27, Azm=38; Best double couple: Mo=8.7*10**16 Nm; NP1: Strike=76, Dip=50, Slip=1; NP2: Strike=345, Dip=89, Slip=140.
09	04	36	54.3	38.491	N	66.481	E	33	N	4.4	1.2	110	28	SOUTHEASTERN UZBEKISTAN. Felt (V) at Ghuzor and Kamashi; (IV) at Pachkamar; (III) at Qarshi.
09	04	58	57.9*	4.639	S	102.126	E	33	N	4.6	0.7	185	24	SOUTHERN SUMATERA, INDONESIA
09	05	06	08.2	46.585	N	10.329	E	10	G		1.1	92	73	NORTHERN ITALY. ML 3.4 (STR), 3.3 (FBB), 3.3 (LDG), 3.2 (VIE).
09	05	35	50.5	5.330	S	102.754	E	33	N	5.4 5.1	1.1	35	166	SOUTHERN SUMATERA, INDONESIA. Mw 5.5 (HRV), 5.4 (GS). Moment Tensor (GS): Dep 31; Principal axes (scale 10**17 Nm): (T) Val=1.35, Plg=66, Azm=127; (N) Val=0.02, Plg=11, Azm=12; (P) Val=-1.37, Plg=21, Azm=277; Best double couple: Mo=1.4*10**17 Nm; NP1: Strike=348, Dip=26, Slip=64; NP2: Strike=196, Dip=67, Slip=102. Centroid, Moment Tensor (HRV): Centroid origin time 05:35:53.6; Lat 5.73 S; Lon 102.62 E; Dep 27.3; Half-duration 1.6 sec; Principal axes (scale 10**17 Nm): (T) Val=1.77, Plg=57, Azm=79; (N) Val=0.06, Plg=6, Azm=340; (P) Val=-1.83, Plg=32, Azm=246; Best double couple: Mo=1.8*10**17 Nm; NP1: Strike=316, Dip=14, Slip=66; NP2: Strike=161, Dip=78, Slip=96.
09	05	53	10.7*	51.549	N	16.191	E	5	G		0.6	233	5	POLAND. ML 3.1 (VIE).
09	05	55	02.3&	37.545	N	1.593	W	0	G				18	SPAIN. <MDD>. mbLg 2.8 (MDD).
09	06	24	31.0&	60.178	N	152.660	W	108		3.0			37	SOUTHERN ALASKA. <AEIC>.
09	06	27	26.3	5.365	S	102.762	E	33	N	5.2 5.2	1.1	40	129	SOUTHERN SUMATERA, INDONESIA. Mw 5.5 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 06:27:31.1; Lat 5.66 S; Lon 102.38 E; Dep 37.0 Bdy; Half-duration 1.4 sec; Principal axes (scale 10**17 Nm): (T) Val=2.04, Plg=58, Azm=60; (N) Val=0.32, Plg=6, Azm=319; (P) Val=-2.36, Plg=31, Azm=226; Best double couple: Mo=2.2*10**17 Nm; NP1: Strike=295, Dip=15, Slip=64; NP2: Strike=141, Dip=77, Slip=97.
09	06	36	47.7*	4.625	S	101.900	E	33	N	4.5	0.5	80	16	SOUTHERN SUMATERA, INDONESIA
09	06	42	46.4&	34.362	N	118.861	W	21					5	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
09	06	47	32.1	5.013	S	102.723	E	33	N	5.1 4.7	1.0	47	85	SOUTHERN SUMATERA, INDONESIA
09	07	09	34.8&	39.600	S	174.490	E	210					8	NORTH ISLAND, NEW ZEALAND. <WEL>.
09	07	44	05.3?	5.49	S	102.54	E	33	N	4.6	0.6	132	6	SOUTHERN SUMATERA, INDONESIA
09	07	54	17.7*	41.318	N	140.073	E	33	N	4.0	1.1	125	13	HOKKAIDO, JAPAN REGION. Recorded (3 JMA) in the Matsumae area.
09	08	00	24.1	5.549	S	102.679	E	33	N	5.8 5.8	1.4	39	237	SOUTHERN SUMATERA, INDONESIA. Mw 6.0 (GS), 5.9 (HRV). Me 5.9 (GS). Broadband Source Parameters (GS): Dep 27; Radiated energy 1.6*10**13 Nm. Complex earthquake. A tiny event is followed by a large event about 2.0 seconds later. Depth based on large event. Moment Tensor (GS): Dep 31; Principal axes (scale 10**17 Nm): (T) Val=9.78, Plg=33, Azm=39; (N) Val=-0.58, Plg=29, Azm=288; (P) Val=-9.20, Plg=43, Azm=167; Best double couple: Mo=9.5*10**17 Nm; NP1: Strike=184, Dip=30, Slip=-12; NP2: Strike=285, Dip=84, Slip=-119. Centroid, Moment Tensor (HRV): Centroid origin time 08:00:27.9; Lat 5.41 S; Lon 102.33 E; Dep 32.0 Bdy; Half-duration 2.5 sec; Principal axes (scale 10**17 Nm): (T) Val=9.21, Plg=34, Azm=28; (N) Val=-0.20, Plg=5, Azm=294; (P) Val=-9.01, Plg=55, Azm=197; Best double couple: Mo=9.1*10**17 Nm; NP1: Strike=141, Dip=12, Slip=-63; NP2: Strike=293, Dip=79, Slip=-95.
09	08	23	01.0&	43.080	N	1.000	W	10	G				4	PYRENEES. <STR>. ML 2.1 (STR).
09	08	24	45.0	5.597	S	102.667	E	33	N	5.0	1.1	131	39	SOUTHERN SUMATERA, INDONESIA
09	08	41	59.7	11.301	S	162.062	E	33	N	5.1 6.0	1.3	69	80	SOLOMON ISLANDS. Mw 6.1 (HRV), 6.0 (GS). Moment Tensor (GS): Dep 15; Principal axes (scale 10**18 Nm): (T) Val=1.20, Plg=20, Azm=103; (N) Val=0.21, Plg=63, Azm=328; (P) Val=-1.41, Plg=18, Azm=200; Best double couple: Mo=1.3*10**18 Nm; NP1: Strike=242, Dip=63, Slip=2; NP2: Strike=151, Dip=88, Slip=153. Centroid, Moment Tensor (HRV): Centroid origin time 08:42:02.4; Lat 11.19 S; Lon 162.45 E; Dep 15.0 Fix; Half-duration 2.7 sec; Principal axes (scale 10**18 Nm): (T) Val=1.57, Plg=27, Azm=117; (N) Val=-0.01, Plg=61, Azm=321; (P) Val=-1.56, Plg=10, Azm=212; Best double couple: Mo=1.6*10**18 Nm; NP1: Strike=257, Dip=63, Slip=12; NP2: Strike=162, Dip=79, Slip=153.
09	09	04	01.8*	51.693	N	16.267	E	5	G		0.9	221	13	POLAND. ML 3.5 (VIE), 3.1 (BRG), 3.1 (FUR), 3.0 (CLL).
09	09	14	51.8&	44.490	N	6.660	E	2	G				5	FRANCE. <STR>. ML 1.9 (STR).
09	09	55	00.7*	5.733	S	102.703	E	33	N	4.5	0.7	114	10	SOUTHERN SUMATERA, INDONESIA
09	09	58	19.3	5.162	S	152.464	E	70		4.8	0.8	126	35	NEW BRITAIN REGION, P.N.G.
09	10	02	40.0&	14.980	N	60.585	W	2					4	WINDWARD ISLANDS. <FDF>. MD 2.4 (FDF).
09	10	27	16.0	4.317	S	101.823	E	33	N	4.8	0.8	104	32	SOUTHERN SUMATERA, INDONESIA
09	10	52	38.0	51.684	N	16.147	E	5	G		1.3	119	20	POLAND. ML 3.9 (VIE), 3.6 (BRG), 3.6 (CLL).
09	10	57	54.4*	36.262	N	69.803	E	164	?	3.8	0.8	117	10	HINDU KUSH REGION, AFGHANISTAN
09	11	26	21.0	14.383	N	90.380	W	33	N	5.0	0.8	154	27	GUATEMALA. MD 4.9 (UNM).
09	11	42	29.1&	33.446	S	69.960	W	7					12	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.8 (GUC).
09	11	48	26.7*	40.433	N	33.532	E	10	G	3.8	1.3	210	9	TURKEY
09	12	05	31.7&	60.849	N	145.960	W	8		4.1			74	SOUTHERN ALASKA. <AEIC>. ML 4.0 (AEIC), 4.2 (PMR). Felt (III) at Valdez.
09	12	16	12.4*	51.038	N	15.935	E	5	G		0.4	203	6	POLAND. MG 2.6 (WAR).
09	13	29	16.1*	38.000	N	73.288	E	164	?	4.6	1.0	106	21	TAJIKISTAN-XINJIANG BORDER REG.
09	13	47	13.6&	44.395	N	7.243	E	10					4	NORTHERN ITALY. <GEN>. ML 1.7 (GEN).
09	15	09	10.1*	2.457	N	79.443	W	33	N	4.7	1.3	69	46	SOUTH OF PANAMA
09	15	27	34.0	5.422	S	102.592	E	33	N	4.6	0.6	80	33	SOUTHERN SUMATERA, INDONESIA

09	16	10	58.8	41.883	N	49.631	E	71 *	4.2	1.4	84	26	CASPIAN SEA
09	16	18	06.7	5.665	S	102.629	E	33 N	4.5	0.7	77	25	SOUTHERN SUMATERA, INDONESIA
09	17	27	52.0	4.398	S	101.981	E	33 N	4.9	0.8	76	51	SOUTHERN SUMATERA, INDONESIA
09	17	38	55.0*	4.696	S	102.160	E	33 N	4.6	0.7	198	12	SOUTHERN SUMATERA, INDONESIA
09	18	28	48.4	42.654	N	20.286	E	10 G		1.1	90	20	NORTHWESTERN BALKAN REGION. MG 3.1 (SKO).
09	18	30	23.6&	46.775	N	6.119	E	2				12	SWITZERLAND. <LDG>. MD 2.5 (LDG).
09	18	31	21.6&	37.076	N	4.366	W	0 G				9	SPAIN. <MDD>. mbLg 2.0 (MDD).
09	18	34	26.4	5.258	S	152.477	E	33 N	4.8	1.0	125	46	NEW BRITAIN REGION, P.N.G.
09	18	36	34.2	43.421	N	126.752	W	10 G	3.6	0.9	213	27	OFF COAST OF OREGON
09	19	31	26.5&	45.319	N	6.984	E	7				19	FRANCE. <GEN>. MD 2.4 (LDG). ML 2.2 (GEN).
09	20	05	03.3&	15.916	N	98.230	W	5 G				18	OFF COAST OF GUERRERO, MEXICO. <UNM>. MD 4.3 (UNM).
09	20	29	44.9&	15.717	N	60.593	W	30				4	LEEWARD ISLANDS. <FDF>. MD 2.4 (FDF).
09	20	39	21.8*	32.786	N	131.086	E	33 N	4.5	1.3	134	16	KYUSHU, JAPAN. Recorded (2 JMA) in Kumamoto Prefecture.
09	21	25	20.2*	50.415	N	129.734	W	10 G	4.0	1.3	187	18	VANCOUVER ISLAND, CANADA REGION
09	22	07	05.9	4.478	S	102.052	E	33 N	5.1 4.8	1.0	37	137	SOUTHERN SUMATERA, INDONESIA. Mw 5.5 (HRV), 5.4 (GS). Felt (III) at Bengkulu. Moment Tensor (GS): Dep 23; Principal axes (scale 10**17 Nm): (T) Val=1.39, Plg=46, Azm=100; (N) Val=-0.35, Plg=21, Azm=213; (P) Val=-1.04, Plg=37, Azm=320; Best double couple: Mo=1.2*10**17 Nm; NP1: Strike=110, Dip=21, Slip=168; NP2: Strike=211, Dip=85, Slip=69. Centroid, Moment Tensor (HRV): Centroid origin time 22:07:06.1; Lat 4.56 S; Lon 101.86 E; Dep 15.0 Fix; Half-duration 1.3 sec; Principal axes (scale 10**17 Nm): (T) Val=1.83, Plg=50, Azm=61; (N) Val=-0.10, Plg=10, Azm=163; (P) Val=-1.73, Plg=38, Azm=261; Best double couple: Mo=1.8*10**17 Nm; NP1: Strike=40, Dip=12, Slip=147; NP2: Strike=162, Dip=84, Slip=80.
09	22	35	13.7	30.472	N	137.682	E	473 D	5.4	0.9	38	400	SOUTHEAST OF HONSHU, JAPAN. Mw 5.8 (GS), 5.8 (HRV). Moment Tensor (GS): Dep 487; Principal axes (scale 10**17 Nm): (T) Val=5.02, Plg=0, Azm=359; (N) Val=-0.40, Plg=36, Azm=89; (P) Val=-4.62, Plg=54, Azm=269; Best double couple: Mo=4.8*10**17 Nm; NP1: Strike=58, Dip=55, Slip=-136; NP2: Strike=299, Dip=55, Slip=-44. Centroid, Moment Tensor (HRV): Centroid origin time 22:35:17.0; Lat 30.41 N; Lon 137.96 E; Dep 484.7; Half-duration 1.8 sec; Principal axes (scale 10**17 Nm): (T) Val=5.26, Plg=5, Azm=161; (N) Val=-0.04, Plg=39, Azm=67; (P) Val=-5.23, Plg=50, Azm=258; Best double couple: Mo=5.2*10**17 Nm; NP1: Strike=286, Dip=53, Slip=-37; NP2: Strike=41, Dip=61, Slip=-136.
09	22	43	59.1&	16.718	N	99.228	W	24				17	NEAR COAST OF GUERRERO, MEXICO. <UNM>. MD 3.9 (UNM).
09	23	01	09.0&	59.831	N	154.428	W	192	3.5			42	SOUTHERN ALASKA. <AEIC>.
09	23	17	27.5*	36.339	N	22.311	E	33 N	3.9	1.3	99	25	SOUTHERN GREECE
09	23	31	45.2	30.491	N	137.730	E	485 D	5.9	0.9	38	473	SOUTHEAST OF HONSHU, JAPAN. Mw 6.3 (GS), 6.2 (HRV). Me 5.7 (GS). Broadband Source Parameters (GS): Dep 485; NP1: Strike=240, Dip=40, Slip=-70; NP2: Strike=35, Dip=53, Slip=-106; Radiated energy 8.4*10**12 Nm. Moment Tensor (GS): Dep 484; Principal axes (scale 10**18 Nm): (T) Val=2.92, Plg=12, Azm=144; (N) Val=-0.38, Plg=5, Azm=235; (P) Val=-2.54, Plg=77, Azm=347; Best double couple: Mo=2.7*10**18 Nm; NP1: Strike=227, Dip=33, Slip=-100; NP2: Strike=58, Dip=58, Slip=-84. Centroid, Moment Tensor (HRV): Centroid origin time 23:31:50.4; Lat 30.47 N; Lon 137.79 E; Dep 492.1; Half-duration 3.2 sec; Principal axes (scale 10**18 Nm): (T) Val=3.00, Plg=9, Azm=146; (N) Val=-0.81, Plg=8, Azm=54; (P) Val=-2.19, Plg=78, Azm=286; Best double couple: Mo=2.6*10**18 Nm; NP1: Strike=245, Dip=36, Slip=-77; NP2: Strike=49, Dip=55, Slip=-100.
10	00	04	53.2?	5.46	S	102.93	E	33 N	4.7	1.0	198	11	SOUTHERN SUMATERA, INDONESIA
10	00	17	58.6?	5.55	S	102.64	E	33 N	4.7	0.5	199	11	SOUTHERN SUMATERA, INDONESIA
10	00	20	37.2*	5.659	S	102.495	E	33 N	4.4	0.3	80	9	SOUTHERN SUMATERA, INDONESIA
10	01	14	58.7	56.939	N	29.093	E	10 G		1.1	116	12	BALTICS-BELARUS-NW RUSSIA REG.
10	01	52	08.2	4.579	S	102.718	E	33 N	4.6	0.4	144	27	SOUTHERN SUMATERA, INDONESIA
10	01	56	24.8*	45.380	N	151.049	E	45 *	5.0	1.0	137	24	KURIL ISLANDS
10	02	01	50.5*	5.354	S	101.923	E	33 N	4.8	0.9	145	16	SOUTHWEST OF SUMATERA, INDONESIA
10	02	04	37.2	21.614	S	177.392	W	261 D	4.9	0.9	65	186	FIJI ISLANDS REGION. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 02:04:39.6; Lat 21.79 S; Lon 176.97 W; Dep 266.8; Half-duration 1.1 sec; Principal axes (scale 10**17 Nm): (T) Val=1.14, Plg=13, Azm=214; (N) Val=0.52, Plg=32, Azm=115; (P) Val=-1.66, Plg=55, Azm=323; Best double couple: Mo=1.4*10**17 Nm; NP1: Strike=338, Dip=42, Slip=-38; NP2: Strike=99, Dip=65, Slip=-125.
10	02	43	15.2*	4.621	S	102.736	E	33 N	4.2	0.8	144	13	SOUTHERN SUMATERA, INDONESIA
10	02	43	43.2&	44.416	N	7.407	E	22				9	NORTHERN ITALY. <GEN>. ML 2.1 (GEN).
10	02	44	29.9&	44.519	N	7.282	E	13				80	NORTHERN ITALY. <GEN>. ML 3.8 (GEN), 3.5 (LDG).
10	03	00	49.7*	5.487	S	102.581	E	33 N	4.5	0.6	134	17	SOUTHERN SUMATERA, INDONESIA
10	03	56	34.0&	50.180	N	130.290	W	10 G	3.9			22	VANCOUVER ISLAND, CANADA REGION. <PGC-P>. ML 3.4 (PGC).
10	03	58	46.1*	11.349	S	116.572	E	33 N	4.7	0.8	131	18	SOUTH OF SUMBAWA, INDONESIA
10	04	03	45.6	46.410	N	15.108	E	10 G		1.0	132	6	NORTHWESTERN BALKAN REGION. ML 1.7 (VIE).
10	04	11	26.0&	41.895	N	7.882	E	20				7	WESTERN MEDITERRANEAN SEA. <LDG>. MD 2.9 (LDG).
10	04	11	57.3*	9.615	S	151.006	E	33 N	4.5	1.2	90	14	D'ENTRECASTEAUX ISLANDS REGION
10	04	12	15.2&	43.820	N	7.788	E	18				9	NEAR SOUTH COAST OF FRANCE. <GEN>. ML 1.9 (GEN).
10	04	13	59.2*	7.909	S	108.163	E	33 N	4.5	1.0	66	15	JAWA, INDONESIA
10	05	11	32.8	5.187	S	102.829	E	33 N	4.8 4.5	0.8	64	51	SOUTHERN SUMATERA, INDONESIA. Felt (II) at Bengkulu.
10	05	15	08.2*	4.940	S	101.975	E	33 N	4.5	0.5	199	11	SOUTHERN SUMATERA, INDONESIA
10	05	39	10.9*	26.901	S	63.421	W	571 *	3.8	0.5	121	12	SANTIAGO DEL ESTERO PROV., ARG.

10	05	49	52.7&	44.506	N	7.311	E	6			5	NORTHERN ITALY. <GEN>. ML 1.6 (GEN).
10	05	51	01.8	47.262	N	10.173	E	10 G	1.2	58	98	AUSTRIA. ML 4.0 (BRG), 3.8 (GRF), 3.7 (FBB), 3.7 (STR), 3.7 (LDG), 3.7 (FUR), 3.6 (VIE). Felt (V) in the Arlberg Hohe area.
10	06	14	46.7*	33.369	N	142.034	E	33 N	0.9	136	7	OFF EAST COAST OF HONSHU, JAPAN
10	06	58	26.8*	6.190	S	129.513	E	189 ? 4.2	0.8	146	8	BANDA SEA
10	07	41	29.7	4.969	S	102.220	E	33 N 5.0 4.4	1.1	62	73	SOUTHERN SUMATERA, INDONESIA. Felt (III) at Bengkulu.
10	08	13	59.2	4.373	S	102.031	E	33 N 4.9 4.2	0.9	51	92	SOUTHERN SUMATERA, INDONESIA. Felt (III) at Bengkulu.
10	08	32	30.2*	4.653	S	101.988	E	33 N 4.6	0.8	198	15	SOUTHERN SUMATERA, INDONESIA
10	08	40	39.1*	8.930	N	90.431	E	33 N 4.4	1.2	104	24	NICOBAR ISLANDS, INDIA REGION
10	08	49	47.6	17.565	S	172.615	W	33 N 5.0 5.4	1.0	76	149	TONGA ISLANDS REGION. Mw 5.5 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 08:49:50.3; Lat 17.77 S; Lon 171.97 W; Dep 15.0 Bdy; Half-duration 1.3 sec; Principal axes (scale 10**17 Nm): (T) Val=2.06, Plg=67, Azm=316; (N) Val=0.00, Plg=12, Azm=197; (P) Val=-2.06, Plg=19, Azm=102; Best double couple: Mo=2.1*10**17 Nm; NP1: Strike=173, Dip=28, Slip=64; NP2: Strike=22, Dip=65, Slip=103.
10	09	17	53.1	11.448	S	166.239	E	33 N 5.4 5.6	1.1	66	169	SANTA CRUZ ISLANDS. Mw 5.9 (GS), 5.9 (HRV). Moment Tensor (GS): Dep 28; Principal axes (scale 10**17 Nm): (T) Val=6.91, Plg=69, Azm=307; (N) Val=0.14, Plg=15, Azm=173; (P) Val=-7.05, Plg=14, Azm=79; Best double couple: Mo=7.0*10**17 Nm; NP1: Strike=150, Dip=33, Slip=63; NP2: Strike=2, Dip=61, Slip=107. Centroid, Moment Tensor (HRV): Centroid origin time 09:17:59.3; Lat 11.56 S; Lon 166.05 E; Dep 48.0 Bdy; Half-duration 2.4 sec; Principal axes (scale 10**17 Nm): (T) Val=8.81, Plg=85, Azm=320; (N) Val=0.19, Plg=4, Azm=175; (P) Val=-9.00, Plg=3, Azm=85; Best double couple: Mo=8.9*10**17 Nm; NP1: Strike=170, Dip=42, Slip=84; NP2: Strike=359, Dip=48, Slip=96.
10	11	56	43.8	4.874	S	102.355	E	33 N 4.7	0.9	157	28	SOUTHERN SUMATERA, INDONESIA
10	12	30	47.6	2.864	S	139.076	E	33 N 4.9	1.2	102	27	NEAR NORTH COAST OF IRIAN JAYA. Mw 5.0 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 12:30:54.9; Lat 2.86 S Fix; Lon 139.08 E Fix; Dep 40.0; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=3.96, Plg=70, Azm=175; (N) Val=0.56, Plg=12, Azm=300; (P) Val=-4.52, Plg=16, Azm=34; Best double couple: Mo=4.2*10**16 Nm; NP1: Strike=141, Dip=31, Slip=114; NP2: Strike=294, Dip=62, Slip=76.
10	12	46	43.1&	61.043	N	150.847	W	59			6	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
10	13	13	46.5*	17.488	S	172.621	W	33 N 4.7 3.9	1.1	52	71	TONGA ISLANDS REGION
10	13	26	05.3&	12.318	N	86.722	W	8			5	NICARAGUA. <CASC>. MD 4.3 (CASC).
10	13	52	04.3*	40.640	N	33.046	E	33 N 3.9	1.4	113	12	TURKEY
10	13	59	22.0	4.928	S	102.229	E	33 N 5.1	0.8	63	70	SOUTHERN SUMATERA, INDONESIA
10	14	09	17.5	6.688	S	79.640	W	33 N 4.6	0.9	91	41	NEAR COAST OF NORTHERN PERU. Felt (III) at Lambayeque and (II) at Chiclayo and Trujillo.
10	14	11	59.3	4.695	S	153.134	E	77 5.2	0.8	109	116	NEW IRELAND REGION, P.N.G. Mw 5.5 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 14:12:00.5; Lat 4.94 S; Lon 152.99 E; Dep 44.6; Half-duration 1.4 sec; Principal axes (scale 10**17 Nm): (T) Val=1.95, Plg=61, Azm=324; (N) Val=-0.30, Plg=14, Azm=82; (P) Val=-1.65, Plg=24, Azm=179; Best double couple: Mo=1.8*10**17 Nm; NP1: Strike=297, Dip=24, Slip=127; NP2: Strike=77, Dip=71, Slip=75.
10	15	04	43.0&	50.530	N	130.420	W	10 G 4.5			99	VANCOUVER ISLAND, CANADA REGION. <PGC-P>. ML 4.5 (PGC).
10	15	49	06.2*	8.072	N	127.124	E	33 N 4.3	0.4	135	8	PHILIPPINE ISLANDS REGION
10	16	29	50.9?	4.93	S	102.19	E	33 N	0.6	217	7	SOUTHERN SUMATERA, INDONESIA
10	16	33	38.9	4.738	S	102.371	E	33 N 4.8	0.8	195	30	SOUTHERN SUMATERA, INDONESIA
10	18	22	05.2&	34.715	N	32.118	E	25			6	CYPRUS REGION. <CSS>. ML 2.2 (CSS).
10	18	23	29.3	23.843	N	121.225	E	33 N 6.2 6.2	1.0	37	377	TAIWAN. Mw 6.4 (HRV), 6.3 (GS). Me 6.4 (GS). Two people died from heart attacks and 36 injured in the Nan-tou area. Landslides and rockslides blocked a number of highways in central Taiwan. Felt throughout Taiwan. Also felt (IV) in Hong Kong. Recorded (6 TAP) in western Nan-tou County, (5 TAP) from northern Hua-lien to Tai-nan County and (4 TAP) throughout central Taiwan and on Peng-hu Tao. Recorded (1 JMA) on Iriomote-jima and Yonaguni-jima, Ryukyu Islands. Broadband Source Parameters (GS): Dep 19; NP1: Strike=215, Dip=65, Slip=90; NP2: Strike=35, Dip=25, Slip=90; Radiated energy 8.3*10**13 Nm. Moment Tensor (GS): Dep 28; Principal axes (scale 10**18 Nm): (T) Val=3.56, Plg=59, Azm=124; (N) Val=-0.02, Plg=8, Azm=21; (P) Val=-3.54, Plg=30, Azm=287; Best double couple: Mo=3.5*10**18 Nm; NP1: Strike=355, Dip=17, Slip=63; NP2: Strike=203, Dip=75, Slip=98. Centroid, Moment Tensor (HRV): Centroid origin time 18:23:33.9; Lat 24.02 N; Lon 120.90 E; Dep 28.0 Bdy; Half-duration 4.3 sec; Principal axes (scale 10**18 Nm): (T) Val=5.18, Plg=53, Azm=118; (N) Val=0.33, Plg=6, Azm=20; (P) Val=-5.52, Plg=37, Azm=285; Best double couple: Mo=5.3*10**18 Nm; NP1: Strike=342, Dip=10, Slip=51; NP2: Strike=201, Dip=82, Slip=96.
10	18	43	27.1	46.626	N	152.676	E	33 N 4.9	0.9	114	113	KURIL ISLANDS
10	18	48	07.2*	23.735	N	121.119	E	33 N	1.2	165	10	TAIWAN. Recorded (3 TAP) in Yun-lin and western Nan-tou Counties. Also recorded (3 TAP) at Chang-hua and Chia-i; (2 TAP) at Hua-lien; (1 TAP) at Miao-li, Tai-chung and Tai-tung.
10	20	02	53.3	29.170	S	112.434	W	10 G 4.9 5.2	0.9	77	45	EASTER ISLAND REGION

10	20	45	05.7*	31.415	N	138.297	E	410	*	4.3	0.4	185	11 SOUTHEAST OF HONSHU, JAPAN
10	22	36	29.1	50.179	N	18.538	E	5	G		1.3	119	19 POLAND. ML 4.0 (BRG), 3.8 (GRF), 3.4 (CLL).
10	22	45	17.6&	47.750	N	7.560	E	2	G				16 SWITZERLAND. <STR>. ML 2.1 (LDG), 2.0 (STR), 1.8 (FBB).
10	23	10	18.7&	16.849	N	100.106	W	44					4 NEAR COAST OF GUERRERO, MEXICO. <UNM>. MD 3.9 (UNM).
10	23	24	06.8*	5.075	S	102.216	E	33	N	4.7	1.1	131	30 SOUTHERN SUMATERA, INDONESIA. Felt (III) at Bengkulu and (II) at Kepahiang.
11	00	08	21.1	58.313	N	142.543	W	10	G	4.0	0.6	163	25 GULF OF ALASKA. ML 4.2 (PMR), 3.9 (PGC), 3.7 (AEIC).
11	00	31	09.3*	1.740	S	12.700	W	10	G	4.7	1.3	123	20 NORTH OF ASCENSION ISLAND
11	00	41	22.3	23.520	S	179.919	E	550	G	4.4	0.7	76	41 *SOUTH OF FIJI ISLANDS*
11	00	45	14.3*	10.245	N	62.373	W	10	G		0.7	235	15 NEAR COAST OF VENEZUELA. MD 4.5 (FDF), 3.9 (TRN).
11	01	29	26.6&	19.165	N	98.955	W	15					10 CENTRAL MEXICO. <UNM>. MD 3.0 (UNM).
11	01	54	11.5&	35.760	N	1.503	W	0	G				10 NORTHERN ALGERIA. <MDD>. mbLg 2.2 (MDD).
11	02	08	08.0&	16.422	N	95.637	W	116					7 OAXACA, MEXICO. <UNM>. MD 4.4 (UNM).
11	02	21	32.3&	63.029	N	150.360	W	5					29 CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC).
11	03	29	49.5	30.757	S	178.347	W	144	D	5.2	1.0	77	82 KERMADEC ISLANDS, NEW ZEALAND. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 03:29:50.6; Lat 30.76 S Fix; Lon 178.35 W Fix; Dep 137.7; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=1.43, Plg=29, Azm=236; (N) Val=0.05, Plg=17, Azm=335; (P) Val=-1.49, Plg=56, Azm=91; Best double couple: Mo=1.5*10**17 Nm; NP1: Strike=287, Dip=22, Slip=-140; NP2: Strike=160, Dip=76, Slip=-73.
11	03	54	51.9&	34.443	S	70.468	W	125					13 CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.9 (GUC).
11	03	55	50.3?	4.48	S	102.09	E	33	N	4.1	0.5	221	8 SOUTHERN SUMATERA, INDONESIA
11	03	59	30.4&	36.581	N	4.455	W	86					43 STRAIT OF GIBRALTAR. <MDD>.
11	04	03	37.2*	19.264	S	169.338	E	33	N	4.0	0.7	162	9 VANUATU ISLANDS
11	04	19	24.8*	23.876	N	141.638	E	76	?	3.9	0.8	126	21 VOLCANO ISLANDS, JAPAN REGION
11	04	38	56.3	34.829	S	71.833	W	40	D	4.1	1.0	145	28 NEAR COAST OF CENTRAL CHILE. MD 4.4 (GUC). Felt (IV) at Curico.
11	05	29	44.4	5.405	S	102.448	E	33	N	4.7 4.3	1.0	66	27 SOUTHERN SUMATERA, INDONESIA
11	05	30	56.7&	17.273	N	97.282	W	76					20 OAXACA, MEXICO. <UNM>. MD 4.4 (UNM).
11	05	58	57.7*	5.460	S	102.525	E	33	N	4.3	0.6	156	11 SOUTHERN SUMATERA, INDONESIA
11	06	00	05.9&	36.358	N	4.553	W	88					19 STRAIT OF GIBRALTAR. <MDD>.
11	06	11	07.1*	1.206	S	123.564	E	74	*	3.2	1.2	126	11 SULAWESI, INDONESIA
11	06	20	22.2	31.205	S	68.927	W	150	G		0.8	151	11 SAN JUAN PROVINCE, ARGENTINA. MD 3.9 (GUC).
11	06	30	37.7&	39.380	S	175.310	E	117					9 NORTH ISLAND, NEW ZEALAND. <WEL>.
11	06	45	06.3	19.572	N	120.129	E	22	*	4.8	1.1	89	44 PHILIPPINE ISLANDS REGION
11	07	22	57.4*	5.341	S	152.693	E	33	N	4.5	1.1	150	17 NEW BRITAIN REGION, P.N.G.
11	07	32	03.2?	5.01	S	102.47	E	33	N	4.1	0.7	217	7 SOUTHERN SUMATERA, INDONESIA
11	07	38	29.6&	36.670	N	3.391	W	0	G				8 *STRAIT OF GIBRALTAR. <MDD>. mbLg 2.2 (MDD).*
11	08	06	20.8*	12.092	S	166.956	E	33	N	4.4	0.8	161	9 SANTA CRUZ ISLANDS
11	09	06	33.1&	35.365	N	33.300	E	20					7 CYPRUS REGION. <CSS>. ML 3.0 (CSS).
11	09	25	55.8	5.543	S	101.491	E	33	N	5.1 5.2	0.9	39	79 SOUTHWEST OF SUMATERA, INDONESIA. Mw 5.5 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 09:25:58.4; Lat 5.54 S Fix; Lon 101.49 E Fix; Dep 15.0 Fix; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=2.07, Plg=48, Azm=52; (N) Val=0.50, Plg=10, Azm=310; (P) Val=-2.57, Plg=40, Azm=212; Best double couple: Mo=2.3*10**17 Nm; NP1: Strike=242, Dip=11, Slip=21; NP2: Strike=131, Dip=86, Slip=100.
11	09	38	11.8*	40.572	N	127.473	W	10	G		0.9	271	22 OFF COAST OF NORTHERN CALIFORNIA. ML 3.7 (GS).
11	10	24	11.5*	5.329	S	102.622	E	33	N	4.6	0.9	152	19 SOUTHERN SUMATERA, INDONESIA
11	11	00	34.2?	45.40	S	98.54	E	10	G	3.9	0.6	100	5 SOUTHEAST INDIAN RIDGE
11	11	15	01.9?	5.41	S	103.04	E	33	N	4.2	0.5	219	6 SOUTHERN SUMATERA, INDONESIA
11	11	48	52.8?	44.88	S	14.93	W	10	G	4.7	1.0	143	10 SOUTHERN MID-ATLANTIC RIDGE
11	11	55	12.3	50.579	S	139.550	E	10	G	5.9 6.4	1.2	41	160 WESTERN INDIAN-ANTARCTIC RIDGE. Mw 6.6 (HRV), 6.4 (GS). Moment Tensor (GS): Dep 16; Principal axes (scale 10**18 Nm): (T) Val=4.17, Plg=4, Azm=54; (N) Val=0.52, Plg=86, Azm=243; (P) Val=-4.69, Plg=1, Azm=144; Best double couple: Mo=4.4*10**18 Nm; NP1: Strike=189, Dip=86, Slip=3; NP2: Strike=99, Dip=87, Slip=176. Centroid, Moment Tensor (HRV): Centroid origin time 11:55:22.2; Lat 50.80 S; Lon 139.38 E; Dep 15.0 Bdy; Half-duration 4.6 sec; Principal axes (scale 10**18 Nm): (T) Val=7.90, Plg=9, Azm=45; (N) Val=0.05, Plg=75, Azm=275; (P) Val=-7.95, Plg=11, Azm=137; Best double couple: Mo=7.9*10**18 Nm; NP1: Strike=181, Dip=76, Slip=-1; NP2: Strike=271, Dip=89, Slip=-166.
11	12	52	01.7	31.325	S	68.419	W	10	G		0.8	152	13 SAN JUAN PROVINCE, ARGENTINA. MD 3.6 (GUC).
11	13	04	15.5*	6.352	S	130.375	E	33	N	4.9	1.1	99	38 BANDA SEA
11	13	15	34.4&	61.304	N	146.029	W	32					5 *SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).*
11	13	56	31.0	5.612	S	102.453	E	33	N	4.6	1.1	38	26 SOUTHERN SUMATERA, INDONESIA
11	14	17	18.0&	36.893	N	8.141	W	17					15 WEST OF GIBRALTAR. <MDD>. mbLg 2.4 (MDD).
11	16	29	38.0&	38.507	N	26.667	E	10	G				5 AEGEAN SEA. <ISK>. MD 3.4 (ISK).
11	17	26	56.3&	33.165	N	115.605	W	1					10 SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
11	18	12	23.9*	4.070	S	134.243	E	33	N	4.4	1.3	141	16 IRIAN JAYA REGION, INDONESIA
11	19	15	53.1*	7.185	S	129.306	E	130	*	4.0	0.8	108	19 BANDA SEA
11	20	11	18.6	23.742	N	121.224	E	33	N	4.3	1.1	96	19 TAIWAN. Recorded (4 TAP) in western Nan-tou County; (3 TAP) at Chang-hua; (2 TAP) at Hua-lien and Tai-chung; (1 TAP) at Chia-i.
11	20	18	22.5*	19.909	N	70.854	W	33	N	4.4	1.5	114	27 DOMINICAN REPUBLIC REGION
11	20	29	15.7&	36.946	N	5.402	W	10					9 STRAIT OF GIBRALTAR. <MDD>. mbLg 2.0 (MDD).
11	20	32	21.3&	34.792	N	32.999	E	5					6 CYPRUS REGION. <CSS>. ML 2.2 (CSS).
11	21	00	39.9?	5.40	S	101.43	E	33	N	4.4	0.9	218	8 SOUTHWEST OF SUMATERA, INDONESIA
11	21	29	42.4	10.230	N	126.476	E	33	N	5.0 4.6	1.1	106	70 PHILIPPINE ISLANDS REGION
11	21	55	07.1	43.896	N	18.582	E	10	G		1.0	125	19 NORTHWESTERN BALKAN REGION. ML 3.7 (ZAG).
11	22	10	03.8&	63.547	N	150.601	W	56					30 CENTRAL ALASKA. <AEIC>. ML 3.3 (AEIC), 3.7 (PMR).
11	22	17	28.3*	5.394	S	101.719	E	33	N	4.7	1.4	139	19 SOUTHWEST OF SUMATERA, INDONESIA. Felt (III) at Bengkulu.
11	22	20	01.6?	53.15	N	158.24	E	132	*	4.5	0.5	194	10 NEAR EAST COAST OF KAMCHATKA
11	22	29	04.6	5.029	S	102.152	E	33	N	5.3 4.9	1.1	39	114 SOUTHERN SUMATERA, INDONESIA. Mw 5.3 (HRV). Felt (III)

														at Bengkulu. Also felt at Manna. Centroid, Moment Tensor (HRV): Centroid origin time 22:29:08.0; Lat 5.19 S; Lon 102.00 E; Dep 50.6; Half-duration 1.1 sec; Principal axes (scale 10**17 Nm): (T) Val=1.07, Plg=27, Azm=59; (N) Val=0.07, Plg=61, Azm=216; (P) Val=-1.14, Plg=10, Azm=324; Best double couple: Mo=1.1*10**17 Nm; NP1: Strike=98, Dip=64, Slip=167; NP2: Strike=194, Dip=78, Slip=27.
11	22	44	02.1	36.337	N	31.989	E	33	N			0.9	130	11	TURKEY. MD 3.5 (ISK). ML 3.1 (CSS). Felt at Alanya.
11	22	55	30.8	43.055	N	12.521	E	10	G			0.9	160	63	CENTRAL ITALY. ML 4.4 (VIE), 4.1 (ZAG), 4.0 (STR), 3.8 (LDG).
11	22	56	13.8	36.446	N	70.102	E	218	*	4.4		1.1	63	23	HINDU KUSH REGION, AFGHANISTAN
11	23	18	30.4&	34.322	N	116.762	W	2						8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
11	23	31	56.6&	36.705	N	2.913	W	6						8	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.1 (MDD).
11	23	40	38.8&	44.212	N	7.304	E	14						4	NORTHERN ITALY. <GEN>. ML 1.8 (GEN).
12	00	01	11.6&	37.680	N	27.547	E	5						4	TURKEY. <ISK>. MD 3.2 (ISK).
12	00	17	46.8*	10.249	N	126.550	E	33	N			1.4	181	9	PHILIPPINE ISLANDS REGION
12	00	26	40.4	36.564	N	70.956	E	220	D	4.4		0.9	46	51	HINDU KUSH REGION, AFGHANISTAN
12	00	35	54.9&	62.393	N	148.229	W	58						54	CENTRAL ALASKA. <AEIC>. ML 3.0 (AEIC), 3.2 (PMR).
12	00	44	30.4?	44.21	N	128.98	W	10	G	3.7		0.9	218	6	OFF COAST OF OREGON
12	00	54	24.1*	5.039	S	102.025	E	33	N	4.4		0.5	203	12	SOUTHERN SUMATERA, INDONESIA
12	01	35	02.0*	5.729	S	102.553	E	33	N	4.5		0.9	77	19	SOUTHERN SUMATERA, INDONESIA
12	01	51	58.7*	5.622	S	102.585	E	33	N	4.7		1.0	77	33	SOUTHERN SUMATERA, INDONESIA
12	02	04	31.3&	6.102	N	82.468	W	37						24	SOUTH OF PANAMA. <CASC>. MD 4.1 (CASC).
12	02	16	22.4&	33.986	N	116.564	W	11						7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
12	02	54	38.5&	38.985	N	26.355	E	4						4	AEGEAN SEA. <ISK>. MD 3.2 (ISK).
12	03	15	02.6&	34.682	N	116.357	W	7						33	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.0 (PAS).
12	03	24	04.0*	13.863	N	120.609	E	114		4.3		1.2	124	19	MINDORO, PHILIPPINES
12	03	30	04.0	44.218	N	12.368	E	10	G			1.4	180	54	NORTHERN ITALY. ML 3.9 (STR), 3.9 (ZAG), 3.6 (VIE), 3.4 (LDG).
12	03	48	48.8*	50.493	S	139.419	E	10	G	4.2	3.8	1.3	105	14	WESTERN INDIAN-ANTARCTIC RIDGE
12	04	19	10.9	42.647	N	111.066	W	5	G			0.5	155	17	EASTERN IDAHO. ML 3.0 (GS).
12	04	37	33.2&	63.912	N	149.077	W	115						32	CENTRAL ALASKA. <AEIC>.
12	05	42	32.4*	34.819	N	24.474	E	100	G	3.8		1.1	141	23	CRETE, GREECE
12	06	31	33.4*	50.302	N	7.193	E	10	G			1.0	219	11	GERMANY. ML 2.8 (LDG), 2.5 (STR).
12	06	40	12.6&	33.733	S	71.227	W	58						12	NEAR COAST OF CENTRAL CHILE. <GUC>.
12	06	45	21.7&	60.456	N	147.147	W	9		2.7				45	SOUTHERN ALASKA. <AEIC>. ML 2.8 (AEIC).
12	07	40	53.9*	35.977	S	103.444	W	10	G	4.5	4.4	1.2	168	13	SOUTHEAST OF EASTER ISLAND
12	07	47	12.9&	43.460	N	0.610	W	10	G					14	PYRENEES. <STR>. ML 2.6 (LDG), 2.4 (STR).
12	08	02	00.1*	2.624	N	128.657	E	257	?	4.2		0.8	147	8	HALMAHERA, INDONESIA
12	08	38	00.7*	5.455	S	110.139	E	545	*	4.2		1.0	84	18	JAVA SEA
12	09	09	54.2&	43.490	N	0.600	W	10	G					4	PYRENEES. <STR>. ML 2.3 (STR).
12	09	32	11.9*	4.734	S	101.926	E	33	N	4.2		0.7	65	14	SOUTHERN SUMATERA, INDONESIA
12	09	49	14.6*	56.001	S	26.852	W	33	N	5.0	4.2	1.1	83	31	SOUTH SANDWICH ISLANDS REGION
12	10	22	40.8%	45.995	N	14.753	E	10	G			0.2	94	6	NORTHWESTERN BALKAN REGION. ML 1.3 (LJU).
12	11	05	35.2	12.385	N	125.701	E	33	N	4.0		1.0	157	15	SAMAR, PHILIPPINES
12	12	26	23.4*	32.425	N	140.665	E	61	D	4.3		1.0	145	10	SOUTHEAST OF HONSHU, JAPAN. Recorded (1 JMA) on Hachijo-jima.
12	12	35	08.1&	35.704	N	3.634	W	0	G					10	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.2 (MDD).
12	12	41	24.7	24.704	S	179.809	E	500	G	4.4		0.8	76	32	SOUTH OF FIJI ISLANDS
12	12	43	47.2*	13.792	N	144.786	E	150		3.7		0.8	132	9	MARIANA ISLANDS
12	12	47	46.1&	60.379	N	147.141	W	0	G					58	SOUTHERN ALASKA. <AEIC>. ML 3.3 (AEIC), 3.4 (PMR).
12	13	25	27.4*	52.367	N	172.440	W	33	N			0.6	139	9	ANDREANOF ISLANDS, ALEUTIAN IS.
12	14	47	59.1	22.964	S	66.440	W	242	D	4.7		1.3	111	63	JUJUY PROVINCE, ARGENTINA
12	14	48	01.1*	51.642	N	176.587	E	33	N	4.3		1.4	134	12	RAT ISLANDS, ALEUTIAN ISLANDS
12	16	09	18.0	1.584	N	127.015	E	98	*	4.6		0.8	133	22	HALMAHERA, INDONESIA
12	16	54	13.0	42.947	N	144.616	E	51	D	4.9		0.8	122	126	HOKKAIDO, JAPAN REGION. Recorded (4 JMA) in the Kushiro area.
12	17	15	17.3	18.257	S	177.889	W	600	G	4.4		0.9	116	48	FIJI ISLANDS REGION
12	18	12	44.1&	37.096	N	4.405	W	0	G					8	SPAIN. <MDD>. mbLg 1.7 (MDD).
12	20	28	34.3&	34.400	N	32.321	E	45						6	CYPRUS REGION. <CSS>.
12	20	51	43.8&	37.125	N	4.369	W	0	G					9	SPAIN. <MDD>. mbLg 1.7 (MDD).
12	21	44	22.0*	36.914	N	135.601	E	33	N	4.3		1.4	95	18	SEA OF JAPAN
12	22	08	47.6	44.399	N	12.065	E	10	G			0.9	192	14	NORTHERN ITALY. ML 2.7 (LDG).
12	22	25	59.9	9.589	S	115.983	E	61	*	4.6		1.3	61	34	SOUTH OF BALI, INDONESIA
12	22	44	27.2*	5.028	S	12.347	W	10	G	4.8		1.0	127	13	ASCENSION ISLAND REGION
12	23	10	12.8*	5.216	S	101.981	E	33	N	4.6		1.1	145	13	SOUTHWEST OF SUMATERA, INDONESIA
13	00	12	26.0*	18.424	S	169.516	E	33	N	4.8		0.8	152	24	VANUATU ISLANDS
13	00	25	48.5	19.160	S	177.738	W	600	G	4.0		0.6	74	36	FIJI ISLANDS REGION
13	00	59	01.9%	36.837	S	147.287	E	33	N			0.9	193	5	VICTORIA, AUSTRALIA. ML 3.0 (AUST).
13	01	43	14.4	35.146	N	27.125	E	10	G	5.2	5.0	1.3	52	261	DODECANESE ISLANDS, GREECE. Mw 5.4 (HRV). ML 4.9 (THE). Centroid, Moment Tensor (HRV): Centroid origin time 01:43:21.3; Lat 35.16 N; Lon 26.74 E; Dep 15.0 Fix; Half-duration 1.1 sec; Principal axes (scale 10**17 Nm): (T) Val=1.52, Plg=22, Azm=105; (N) Val=0.27, Plg=43, Azm=217; (P) Val=-1.78, Plg=39, Azm=355; Best double couple: Mo=1.6*10**17 Nm; NP1: Strike=147, Dip=45, Slip=-166; NP2: Strike=47, Dip=80, Slip=-46.
13	03	07	30.0	31.816	S	69.869	W	100	G			1.2	103	17	SAN JUAN PROVINCE, ARGENTINA. MD 3.9 (GUC).
13	03	26	52.9*	37.445	N	72.467	E	200	G			0.8	154	6	TAJIKISTAN
13	03	41	40.6?	51.96	N	177.16	W	84	*	4.1		1.5	294	10	ANDREANOF ISLANDS, ALEUTIAN IS.
13	03	48	58.2*	40.490	N	33.698	E	10	G	3.7		1.1	179	7	TURKEY
13	05	32	19.7*	71.394	N	12.732	W	10	G	3.5		1.3	181	5	JAN MAYEN ISLAND REGION
13	05	34	38.7	35.439	N	26.523	E	33	N	4.0		1.2	109	18	CRETE, GREECE
13	05	52	31.8*	4.564	S	102.047	E	33	N	4.2		1.0	80	16	SOUTHERN SUMATERA, INDONESIA. Felt (III) at Bengkulu.
13	06	07	44.5%	5.619	S	102.715	E	33	N			0.6	80	7	SOUTHERN SUMATERA, INDONESIA
13	06	16	13.7&	41.600	S	173.510	E	74						8	SOUTH ISLAND, NEW ZEALAND. <WEL>. ML 3.7 (WEL).
13	07	06	53.0*	9.475	S	107.450	E	33	N	4.6		0.6	118	11	SOUTH OF JAWA, INDONESIA
13	08	13	57.8	46.484	N	150.084	E	181	*	4.7		0.9	128	67	KURIL ISLANDS
13	08	54	15.3*	58.729	S	25.847	W	33	N	4.4		1.3	100	13	SOUTH SANDWICH ISLANDS REGION
13	10	02	41.5&	38.350	S	176.190	E	188						9	NORTH ISLAND, NEW ZEALAND. <WEL>.
13	10	30	08.5&	32.697	S	71.842	W	7						13	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.9 (GUC).
13	11	08	32.9*	8.894	S	129.464	E	33	N	4.6		1.4	117	12	TIMOR SEA

13	11	36	27.0&	38.390	S	176.910	E	73				6	NORTH ISLAND, NEW ZEALAND. <WEL>. ML 3.4 (WEL).
13	11	41	54.8?	20.91	S	170.08	E	33 N	4.7	1.2	131	9	VANUATU ISLANDS
13	11	48	11.5&	37.310	N	121.681	W	8				22	CENTRAL CALIFORNIA. <NC-P>. MD 3.3 (NC). ML 3.6 (BRK). Felt at San Jose.
13	13	47	31.7	13.439	N	124.671	E	73 *	4.6	1.1	146	18	LUZON, PHILIPPINES
13	13	53	18.5	46.410	N	15.066	E	10 G		1.5	119	8	NORTHWESTERN BALKAN REGION. ML 2.0 (VIE).
13	15	08	28.8&	34.555	N	31.887	E	25				8	CYPRUS REGION. <CSS>. ML 3.5 (CSS). MD 3.5 (ISK).
13	16	01	44.8	70.919	N	13.381	W	10 G	4.5	1.0	60	77	JAN MAYEN ISLAND REGION
13	16	09	42.6?	13.47	N	91.91	W	33 N	4.1	1.5	276	14	NEAR COAST OF GUATEMALA
13	16	19	47.4	33.640	S	70.284	W	100 G		0.4	128	15	CHILE-ARGENTINA BORDER REGION. MD 3.5 (GUC). Felt (III) at Santiago, Chile.
13	16	36	22.4&	36.708	N	121.340	W	3				11	CENTRAL CALIFORNIA. <NC-P>. MD 2.8 (NC).
13	17	11	22.8	14.344	N	92.433	W	33 N	4.4	0.9	80	56	NEAR COAST OF CHIAPAS, MEXICO. MD 4.8 (UNM).
13	17	42	57.0*	38.775	N	15.779	E	33 N		0.8	264	20	SICILY, ITALY
13	17	59	21.8?	52.20	N	172.37	E	33 N		1.0	193	9	NEAR ISLANDS, ALEUTIAN ISLANDS
13	18	03	51.0*	46.443	N	15.097	E	10 G		1.0	211	6	NORTHWESTERN BALKAN REGION. ML 1.8 (VIE), 1.1 (LJU).
13	19	12	10.8&	38.810	S	175.900	E	5				13	NORTH ISLAND, NEW ZEALAND. <WEL>. ML 3.8 (WEL). Felt at Taupo.
13	19	39	06.8&	38.820	S	175.970	E	5				4	NORTH ISLAND, NEW ZEALAND. <WEL>. ML 2.4 (WEL).
13	19	43	57.2&	44.208	N	8.262	E	10				7	NORTHERN ITALY. <GEN>. ML 1.9 (GEN).
13	19	43	59.0&	44.209	N	8.246	E	9				5	NORTHERN ITALY. <GEN>. ML 1.8 (GEN).
13	19	46	41.7&	44.220	N	8.256	E	11				7	NORTHERN ITALY. <GEN>. ML 1.9 (GEN).
13	20	09	23.6*	5.756	S	102.495	E	33 N	4.6	0.9	80	13	SOUTHERN SUMATERA, INDONESIA
13	20	09	57.8*	5.758	S	102.470	E	33 N	4.7	1.0	80	18	SOUTHERN SUMATERA, INDONESIA
13	20	28	21.3&	44.225	N	8.271	E	9				6	NORTHERN ITALY. <GEN>. ML 1.7 (GEN).
13	20	28	23.5&	44.778	N	7.180	E	10				9	NORTHERN ITALY. <GEN>. ML 2.1 (GEN).
13	21	28	24.8&	43.300	N	0.634	W	6 G				15	PYRENEES. <LDG>. ML 2.7 (LDG), 2.1 (STR).
13	21	37	25.9&	32.292	S	71.603	W	7				9	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.6 (GUC).
13	21	52	07.1&	38.544	N	122.305	W	0				9	NORTHERN CALIFORNIA. <NC-P>. MD 2.9 (NC).
13	22	29	51.9*	1.238	N	127.837	E	127 *	4.6	1.3	130	18	HALMAHERA, INDONESIA
13	22	49	28.2	46.411	N	15.069	E	10 G		0.9	119	7	NORTHWESTERN BALKAN REGION. ML 1.8 (VIE).
14	00	20	13.2*	4.922	S	102.034	E	33 N	4.9	1.0	79	19	SOUTHERN SUMATERA, INDONESIA. Felt (III) at Bengkulu.
14	01	28	55.2?	12.05	S	166.12	E	33 N	4.5	1.3	161	12	SANTA CRUZ ISLANDS
14	01	30	19.5*	15.736	N	46.654	W	10 G	4.0	1.1	108	9	NORTHERN MID-ATLANTIC RIDGE
14	01	40	24.1&	36.449	N	2.991	W	0 G				6	STRAIT OF GIBRALTAR. <MDD>. mbLg 1.6 (MDD).
14	01	44	28.7	17.315	N	120.200	E	63 D	5.5 5.0	1.0	79	202	LUZON, PHILIPPINES. Mw 5.7 (HRV). Felt (IV RF) at Dagupan, Laoag, Santa, Santo Domingo, Sarrat and Vigan; (III RF) at Baguio, Callao and Penablanca; (II RF) at Angeles, Clark Air Base, Manila, Pasig and Quezon. Centroid, Moment Tensor (HRV): Centroid origin time 01:44:29.4; Lat 17.43 N; Lon 120.29 E; Dep 52.0 Bdy; Half-duration 1.7 sec; Principal axes (scale 10**17 Nm): (T) Val=4.73, Plg=60, Azm=248; (N) Val=-0.74, Plg=12, Azm=0; (P) Val=-3.98, Plg=27, Azm=96; Best double couple: Mo=4.4*10**17 Nm; NP1: Strike=213, Dip=21, Slip=125; NP2: Strike=356, Dip=73, Slip=78.
14	02	05	42.8&	36.072	N	10.509	W	30 G				20	AZORES-CAPE ST. VINCENT RIDGE. <MDD>. mbLg 3.0 (MDD).
14	02	15	25.8	25.516	S	178.046	E	605 D	5.9	0.9	42	386	SOUTH OF FIJI ISLANDS. Mw 6.4 (GS), 6.4 (HRV). Me 6.0 (GS). Broadband Source Parameters (GS): Dep 605; NP1: Strike=355, Dip=75, Slip=-60; NP2: Strike=109, Dip=33, Slip=-152; Radiated energy 2.1*10**13 Nm. Moment Tensor (GS): Dep 606; Principal axes (scale 10**18 Nm): (T) Val=4.56, Plg=23, Azm=74; (N) Val=-0.35, Plg=26, Azm=176; (P) Val=-4.22, Plg=54, Azm=308; Best double couple: Mo=4.4*10**18 Nm; NP1: Strike=124, Dip=32, Slip=-146; NP2: Strike=4, Dip=73, Slip=-62. Centroid, Moment Tensor (HRV): Centroid origin time 02:15:32.0; Lat 25.45 S; Lon 178.38 E; Dep 615.4; Half-duration 4.1 sec; Principal axes (scale 10**18 Nm): (T) Val=5.49, Plg=23, Azm=70; (N) Val=-0.35, Plg=30, Azm=174; (P) Val=-5.14, Plg=51, Azm=309; Best double couple: Mo=5.3*10**18 Nm; NP1: Strike=117, Dip=35, Slip=-152; NP2: Strike=3, Dip=74, Slip=-59.
14	02	21	22.5	45.673	N	15.674	E	10 G		0.5	199	6	NORTHWESTERN BALKAN REGION. ML 2.2 (VIE).
14	02	25	18.4	49.293	N	6.396	E	10 G		0.8	187	49	GERMANY. ML 4.0 (FUR), 3.6 (STR), 3.4 (FBB).
14	02	53	21.5?	4.49	S	151.63	E	33 N	4.5	1.4	175	9	NEW BRITAIN REGION, P.N.G.
14	03	19	18.1	24.032	S	66.747	W	197	5.3	1.0	49	255	SALTA PROVINCE, ARGENTINA. Mw 5.9 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 03:19:25.8; Lat 23.84 S; Lon 67.11 W; Dep 239.6; Half-duration 1.5 sec; Principal axes (scale 10**17 Nm): (T) Val=7.60, Plg=20, Azm=82; (N) Val=-0.71, Plg=21, Azm=344; (P) Val=-6.89, Plg=60, Azm=211; Best double couple: Mo=7.2*10**17 Nm; NP1: Strike=204, Dip=31, Slip=-46; NP2: Strike=335, Dip=68, Slip=-113.
14	04	17	48.9*	0.297	S	79.076	W	33 N	4.3	1.1	134	12	ECUADOR
14	04	45	14.9&	61.318	N	150.125	W	24				34	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
14	05	11	03.3	46.113	N	143.029	E	343	4.2	0.9	130	32	SAKHALIN ISLAND, RUSSIA
14	05	25	43.1&	40.830	S	176.700	E	33 N				11	NORTH ISLAND, NEW ZEALAND. <WEL>. ML 3.1 (WEL).
14	07	04	33.3	50.137	N	159.609	E	33 N	5.0	0.7	109	95	EAST OF KURIL ISLANDS
14	07	12	13.8?	5.67	S	102.36	E	33 N	4.4	0.8	172	10	SOUTHERN SUMATERA, INDONESIA
14	07	47	09.5&	45.230	N	4.040	E	2 G				4	FRANCE. <STR>. ML 2.0 (STR).
14	07	50	06.3*	25.583	S	178.100	E	647 ?	4.2	0.8	121	27	SOUTH OF FIJI ISLANDS
14	10	03	06.6	24.099	S	68.702	W	105 D	4.9	1.2	110	105	CHILE-ARGENTINA BORDER REGION. Felt (II) at Antofagasta, Chile.
14	10	14	07.6	46.033	N	14.781	E	10 G		0.7	72	10	NORTHWESTERN BALKAN REGION. ML 2.7 (VIE), 2.3 (LJU). Felt (IV) at Litija, Slovenia.
14	10	46	39.4	70.896	N	13.389	W	10 G	4.5	0.9	96	57	JAN MAYEN ISLAND REGION
14	10	50	21.3*	4.465	S	101.957	E	33 N	4.3	0.5	106	14	SOUTHERN SUMATERA, INDONESIA
14	11	03	18.7*	36.489	N	59.770	E	10 G	4.1	1.4	122	9	TURKMENISTAN-IRAN BORDER REGION. ML 3.9 (TEH). Felt at Mashhad, Iran.

14	11	25	24.5	19.479	S	66.774	W	275	D	4.1	1.1	100	38	SOUTHERN BOLIVIA
14	12	06	34.0	48.786	N	155.018	E	48	D	4.5	0.9	113	53	KURIL ISLANDS
14	12	20	00.6&	36.963	N	5.497	W	11					39	STRAIT OF GIBRALTAR. <MDD>. mbLg 3.4 (MDD). Felt (IV) at Coripe; (III) at Montellano; (II) at La Muela and Puerto Serrano; (I) at Algodonales, El Coronil and Moron de la Frontera, Spain.
14	14	11	07.3	46.640	N	152.587	E	33	N	5.3 4.7	0.7	82	305	KURIL ISLANDS. Mw 5.5 (HRV). Felt (II) at Yuzhno-Kurilsk. Centroid, Moment Tensor (HRV): Centroid origin time 14:11:14.3; Lat 46.77 N; Lon 153.01 E; Dep 64.0 Bdy; Half-duration 1.4 sec; Principal axes (scale 10**17 Nm): (T) Val=1.50, Plg=73, Azm=241; (N) Val=0.52, Plg=15, Azm=36; (P) Val=-2.02, Plg=7, Azm=128; Best double couple: Mo=1.8*10**17 Nm; NP1: Strike=235, Dip=41, Slip=114; NP2: Strike=25, Dip=53, Slip=71.
14	14	30	40.3	49.792	N	12.934	E	10	G		0.6	87	14	GERMANY. ML 3.1 (VIE), 3.0 (BRG), 2.9 (FUR), 2.5 (CLL).
14	14	37	38.2&	36.146	N	2.668	W	10					5	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.4 (MDD).
14	14	51	17.3?	15.32	S	75.36	W	33	N	4.2	1.5	156	6	NEAR COAST OF PERU
14	14	52	54.6&	40.880	S	174.730	E	11					12	COOK STRAIT, NEW ZEALAND. <WEL>. ML 3.1 (WEL).
14	15	19	36.6*	41.365	S	85.587	W	10	G	4.6	1.4	180	17	WEST CHILE RISE
14	15	30	44.3	4.368	S	102.187	E	33	N	4.8	1.1	65	54	SOUTHERN SUMATERA, INDONESIA. Felt (III) at Bengkulu.
14	16	02	43.7&	35.968	N	10.441	W	0	G				12	AZORES-CAPE ST. VINCENT RIDGE. <MDD>. mbLg 2.4 (MDD).
14	16	03	40.5	40.267	N	51.620	E	52	D	4.9 4.1	0.8	43	132	CASPIAN SEA
14	17	00	48.4	4.542	N	127.722	E	90	D	6.1 5.6	1.0	35	298	TALAUD ISLANDS, INDONESIA. Mw 6.3 (GS), 6.3 (HRV). Me 6.0 (GS). Broadband Source Parameters (GS): Dep 94; NP1: Strike=320, Dip=35, Slip=70; NP2: Strike=164, Dip=57, Slip=103; Radiated energy 1.9*10**13 Nm. Moment Tensor (GS): Dep 89; Principal axes (scale 10**18 Nm): (T) Val=3.70, Plg=78, Azm=108; (N) Val=-0.04, Plg=5, Azm=354; (P) Val=-3.65, Plg=11, Azm=263; Best double couple: Mo=3.7*10**18 Nm; NP1: Strike=346, Dip=34, Slip=81; NP2: Strike=177, Dip=56, Slip=96. Centroid, Moment Tensor (HRV): Centroid origin time 17:00:54.2; Lat 4.75 N; Lon 127.61 E; Dep 111.4; Half-duration 3.6 sec; Principal axes (scale 10**18 Nm): (T) Val=3.54, Plg=72, Azm=132; (N) Val=0.11, Plg=13, Azm=358; (P) Val=-3.65, Plg=13, Azm=265; Best double couple: Mo=3.6*10**18 Nm; NP1: Strike=338, Dip=34, Slip=66; NP2: Strike=186, Dip=59, Slip=105.
14	18	48	34.0&	36.904	N	5.535	W	6					5	STRAIT OF GIBRALTAR. <MDD>. mbLg 1.8 (MDD).
14	18	58	14.6	46.213	N	13.670	E	10	G		1.0	162	11	AUSTRIA. ML 2.2 (VIE), 1.7 (LJU). Felt (IV) at Bovec, Slovenia.
14	19	00	20.4&	32.896	N	115.502	W	5					30	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 4.2 (PAS). Felt (V) at Imperial; (IV) at Brawley, Calexico and El Centro; (III) at Boulevard, Heber and Holtville, California. Also felt at Yuma, Arizona; Mexicali, Baja California; and San Luis Rio Colorado, Sonora.
14	19	10	24.1&	32.889	N	115.501	W	4					12	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 2.8 (PAS).
14	19	17	57.6&	32.531	S	71.684	W	15					11	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.7 (GUC).
14	19	20	42.2&	32.900	N	115.504	W	5					12	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.0 (PAS).
14	19	23	14.7&	32.902	N	115.504	W	4					13	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.0 (PAS).
14	19	32	06.3&	32.894	N	115.502	W	5					8	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 2.8 (PAS).
14	19	32	37.4&	32.886	N	115.508	W	5					8	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 2.8 (PAS).
14	19	41	48.5&	32.894	N	115.503	W	6					6	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.3 (PAS).
14	19	57	02.9&	32.897	N	115.509	W	5					9	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.0 (PAS).
14	19	57	35.9&	32.894	N	115.506	W	4					11	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 2.9 (PAS).
14	20	18	25.2&	32.891	N	115.510	W	4					12	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 2.9 (PAS).
14	20	36	02.4&	32.885	N	115.507	W	5					11	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.1 (PAS).
14	21	12	02.9	26.844	N	97.114	E	33	N	4.2	0.8	125	22	MYANMAR
14	21	12	15.1&	32.882	N	115.509	W	5					14	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 2.9 (PAS).
14	21	16	38.0	4.917	S	12.373	W	10	G	5.2 4.8	1.2	48	44	NORTH OF ASCENSION ISLAND. Mw 5.3 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 21:16:45.4; Lat 4.68 S; Lon 12.40 W; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=8.48, Plg=3, Azm=293; (N) Val=0.86, Plg=6, Azm=23; (P) Val=-9.34, Plg=83, Azm=181; Best double couple: Mo=8.9*10**16 Nm; NP1: Strike=16, Dip=43, Slip=-100; NP2: Strike=209, Dip=48, Slip=-81.
14	21	20	24.4&	32.876	N	115.506	W	11					14	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.2 (PAS).
14	21	29	02.6&	32.872	N	115.512	W	5					17	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.4 (PAS).
14	21	31	24.1&	32.905	N	115.504	W	5					8	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 2.8 (PAS).
14	21	32	31.4&	32.900	N	115.507	W	5					7	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.0 (PAS).
14	21	33	15.4?	17.60	S	176.05	E	33	N	4.8	1.4	120	17	FIJI ISLANDS REGION
14	21	38	47.7?	50.31	N	177.37	W	33	N	3.8	0.8	252	7	ANDREANOF ISLANDS, ALEUTIAN IS. ML 3.7 (PMR).
14	21	48	18.9*	22.109	N	143.850	E	93	?	4.1	1.1	130	14	VOLCANO ISLANDS, JAPAN REGION
14	21	49	18.6&	32.885	N	115.505	W	5					54	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 4.5 (PAS). Felt (VI) at Brawley and Imperial; (V) at Calexico; (IV) at El Centro and Holtville; (III) at Westmorland; (II) at Calipatria and Palm Desert, California. Also felt at Mexicali, Baja California and San Luis Rio Colorado, Sonora.
14	22	11	35.5&	32.895	N	115.517	W	4					9	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.5 (PAS).
14	22	25	07.8&	32.865	N	115.509	W	5					9	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 2.8 (PAS).
14	22	36	45.2*	25.606	S	178.139	E	616	*	4.5	0.9	129	41	SOUTH OF FIJI ISLANDS
14	22	39	27.8&	32.869	N	115.506	W	9					18	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.6 (PAS).
14	22	41	14.1	45.972	N	14.903	E	10	G		0.2	145	6	NORTHWESTERN BALKAN REGION. ML 1.6 (VIE), 1.3 (LJU).
14	22	53	16.8&	32.865	N	115.509	W	5					11	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 2.8 (PAS).
14	23	01	14.5	17.902	S	176.212	E	33	N	5.5 5.7	1.0	82	113	FIJI ISLANDS REGION. Mw 6.0 (HRV), 5.9 (GS). Moment Tensor (GS): Dep 26; Principal axes (scale 10**17 Nm): (T) Val=8.70, Plg=3, Azm=263; (N)

													Val=0.44, Plg=84, Azm=146; (P) Val=-9.14, Plg=5, Azm=353; Best double couple: Mo=8.9*10**17 Nm; NP1: Strike=38, Dip=84, Slip=-2; NP2: Strike=128, Dip=88, Slip=-174. Centroid, Moment Tensor (HRV): Centroid origin time 23:01:18.9; Lat 17.55 S; Lon 176.24 E; Dep 19.4 Fix; Half-duration 2.5 sec; Principal axes (scale 10**18 Nm): (T) Val=1.20, Plg=10, Azm=260; (N) Val=0.07, Plg=80, Azm=87; (P) Val=-1.27, Plg=1, Azm=350; Best double couple: Mo=1.2*10**18 Nm; NP1: Strike=36, Dip=82, Slip=6; NP2: Strike=305, Dip=84, Slip=172.
14	23 08 23.0&	32.869	N	115.510	W	5					7	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 2.8 (PAS).
14	23 11 54.2&	38.092	N	1.345	W	0	G				6	SPAIN. <MDD>. mbLg 2.4 (MDD).
14	23 16 14.4*	52.882	N	169.742	W	33	N	4.3	1.1	138	24	FOX ISLANDS, ALEUTIAN ISLANDS
14	23 47 07.4&	34.553	N	31.968	E	25					5	CYPRUS REGION. <CSS>. ML 2.4 (CSS).
14	23 51 16.9&	61.667	N	150.566	W	49					16	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
15	01 27 15.3*	36.604	N	71.109	E	225	*		0.8	102	11	AFGHANISTAN-TAJIKISTAN BORD REG.
15	02 51 12.5&	14.998	N	60.397	W	30					4	WINDWARD ISLANDS. <FDF>. MD 2.4 (FDF).
15	03 03 23.4&	59.209	N	151.788	W	46		4.8			179	KENAI PENINSULA, ALASKA. <AEIC>. ML 4.7 (AEIC), 4.7 (PMR). Felt strongly at Homer. Also felt at Ninilchik.
15	03 34 05.4	15.074	N	93.996	W	54	D	4.4	1.3	81	59	NEAR COAST OF CHIAPAS, MEXICO. MD 4.6 (UNM).
15	03 34 26.8&	32.230	S	69.909	W	139					11	MENDOZA PROVINCE, ARGENTINA. <GUC>. MD 2.7 (GUC).
15	03 48 03.9	12.783	N	87.952	W	109		4.6	1.0	74	82	NEAR COAST OF NICARAGUA
15	04 00 18.2*	4.404	S	102.052	E	33	N	4.8	0.9	195	14	SOUTHERN SUMATERA, INDONESIA
15	04 08 15.2&	32.911	N	115.508	W	5					21	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.3 (PAS).
15	04 14 31.0&	32.911	N	115.503	W	10					17	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.5 (PAS).
15	04 23 10.4&	47.950	N	7.870	E	2	G				18	SWITZERLAND. <STR>. ML 2.1 (STR), 2.1 (FBB).
15	04 23 57.2&	32.909	N	115.510	W	5					15	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.1 (PAS).
15	04 24 34.8&	32.905	N	115.512	W	4					9	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.3 (PAS).
15	04 30 37.7*	4.534	N	127.891	E	107	*	4.3	1.0	108	20	TALAUD ISLANDS, INDONESIA
15	04 32 06.4&	32.905	N	115.512	W	5					13	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.2 (PAS).
15	04 32 36.2&	32.882	N	115.500	W	4					7	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.2 (PAS).
15	04 35 17.8&	32.883	N	115.507	W	5					10	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 2.8 (PAS).
15	04 35 39.7*	17.990	S	71.112	W	33	N	4.3	1.1	137	7	NEAR COAST OF PERU
15	04 45 39.6	52.616	N	170.664	W	65	*	4.3	0.9	170	42	FOX ISLANDS, ALEUTIAN ISLANDS
15	04 46 22.5	3.698	S	152.891	E	181	D	5.0	0.7	66	127	NEW IRELAND REGION, P.N.G. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 04:46:26.6; Lat 3.77 S; Lon 152.62 E; Dep 178.7; Half-duration 1.1 sec; Principal axes (scale 10**17 Nm): (T) Val=1.11, Plg=20, Azm=215; (N) Val=0.20, Plg=20, Azm=118; (P) Val=-1.30, Plg=61, Azm=346; Best double couple: Mo=1.2*10**17 Nm; NP1: Strike=335, Dip=31, Slip=-48; NP2: Strike=109, Dip=68, Slip=-112.
15	05 21 59.7&	32.916	N	115.510	W	5					11	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 2.8 (PAS).
15	05 32 16.8*	5.615	S	102.707	E	33	N	4.4	0.9	80	16	SOUTHERN SUMATERA, INDONESIA
15	05 52 32.9	4.825	S	102.726	E	33	N	4.9 4.2	1.1	73	47	SOUTHERN SUMATERA, INDONESIA. Mw 5.1 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 05:52:45.6; Lat 4.82 S Fix; Lon 102.73 E Fix; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=4.78, Plg=54, Azm=76; (N) Val=-0.29, Plg=20, Azm=316; (P) Val=-4.49, Plg=29, Azm=214; Best double couple: Mo=4.6*10**16 Nm; NP1: Strike=262, Dip=25, Slip=34; NP2: Strike=141, Dip=77, Slip=111.
15	05 56 57.0&	47.940	N	7.910	E	15					25	SWITZERLAND. <FBB>. ML 2.6 (FBB), 2.6 (STR).
15	06 06 43.0&	34.032	S	70.773	W	99					7	CHILE-ARGENTINA BORDER REGION. <GUC>.
15	06 39 46.6*	45.512	S	166.234	E	33	N	4.1	1.3	121	7	OFF W. COAST OF S. ISLAND, N.Z.
15	07 07 35.2&	44.390	N	7.140	E	2	G				15	NORTHERN ITALY. <STR>. ML 2.4 (STR).
15	07 13 14.1&	45.210	N	6.500	E	2	G				13	FRANCE. <STR>. ML 2.4 (STR).
15	07 36 03.9*	23.747	S	66.629	W	200	G	4.0	1.4	134	6	JUJUY PROVINCE, ARGENTINA
15	07 39 17.4*	23.606	S	67.719	W	150	G	4.3	1.2	113	33	CHILE-ARGENTINA BORDER REGION
15	07 51 35.8*	70.896	N	13.062	W	10	G	4.4	1.3	112	14	JAN MAYEN ISLAND REGION
15	08 05 34.3&	5.467	S	103.271	E	33	N		0.3	144	7	SOUTHERN SUMATERA, INDONESIA
15	08 09 22.5&	63.101	N	148.126	W	65		3.9			82	CENTRAL ALASKA. <AEIC>. ML 4.3 (AEIC), 4.6 (PMR). Felt at Cantwell. Also felt (III) at Palmer.
15	08 16 24.7*	5.560	S	102.366	E	33	N	4.7	0.7	72	16	SOUTHERN SUMATERA, INDONESIA
15	08 22 48.5*	47.615	N	147.852	E	366	*	4.0	0.9	133	24	NORTHWEST OF KURIL ISLANDS
15	09 24 04.5&	22.191	N	144.566	E	33	N		1.0	131	10	VOLCANO ISLANDS, JAPAN REGION
15	09 25 54.0&	47.670	N	69.810	W	11					5	GASPE PENINSULA, CANADA. <OTT-P>. mbLg 3.7 (OTT). Felt at Kamouraska, La Malbaie, Saint-Andre, Saint-Fidele, Saint-Hilarion, Saint-Irenee and Saint-Pascal.
15	10 14 12.3	6.870	S	126.508	E	400	G	4.4	0.8	112	19	BANDA SEA
15	10 21 03.7&	16.162	N	98.093	W	0					7	NEAR COAST OF GUERRERO, MEXICO. <UNM>. MD 4.0 (UNM).
15	10 23 18.2?	17.67	N	106.11	W	10	G	3.9	1.1	283	13	OFF COAST OF JALISCO, MEXICO
15	11 10 46.2	29.368	N	132.082	E	10	G	6.0 5.6	0.8	44	382	SOUTHEAST OF SHIKOKU, JAPAN. Mw 6.1 (GS), 6.1 (HRV). Me 5.9 (GS). Recorded (2 JMA) on Amami-O-shima and in much of southern Kyushu; (1 JMA) as far as Hiroshima Prefecture, Honshu. Broadband Source Parameters (GS): Dep 11; Radiated energy 1.5*10**13 Nm. Moment Tensor (GS): Dep 5; Principal axes (scale 10**18 Nm): (T) Val=1.62, Plg=16, Azm=109; (N) Val=-0.05, Plg=3, Azm=200; (P) Val=-1.58, Plg=74, Azm=300; Best double couple: Mo=1.6*10**18 Nm; NP1: Strike=195, Dip=29, Slip=-96; NP2: Strike=21, Dip=61, Slip=-87. Centroid, Moment Tensor (HRV): Centroid origin time 11:10:52.0; Lat 29.31 N; Lon 132.16 E; Dep 15.0 Bdy; Half-duration 2.8 sec; Principal axes (scale 10**18 Nm): (T) Val=1.71, Plg=1, Azm=276; (N) Val=-0.07, Plg=0, Azm=186; (P) Val=-1.64, Plg=89, Azm=69; Best double couple: Mo=1.7*10**18 Nm; NP1: Strike=6, Dip=44, Slip=-89; NP2: Strike=185, Dip=46, Slip=-91.
15	11 53 22.0*	28.574	N	130.373	E	42	*	4.7	1.0	128	16	RYUKYU ISLANDS, JAPAN. Recorded (2 JMA) on Amami-O-

shima and (1 JMA) on Kikai-jima.

15	12	02	10.7*	4.352	S	102.142	E	33	N	4.4	0.8	80	12	SOUTHERN SUMATERA, INDONESIA. Felt (III) at Bengkulu and (II) at Kepahiang.
15	12	16	40.9&	39.418	N	123.540	W	3					7	NEAR COAST OF NORTHERN CALIF. <NC-P>. MD 2.8 (NC).
15	12	36	04.8&	47.950	N	7.940	E	14					5	SWITZERLAND. <STR>. ML 1.8 (STR).
15	12	52	32.1*	24.205	N	121.851	E	33	N	4.0	0.4	95	8	TAIWAN. ML 4.6 (TAP). Recorded (3 TAP) in southeastern I-lan County and (2 TAP) at Hua-lien.
15	13	36	59.1*	3.523	N	122.282	E	33	N	4.3	0.5	173	10	CELEBES SEA
15	14	25	03.3	51.122	N	15.856	E	5	G		0.5	191	8	POLAND. ML 2.5 (CLL), 2.4 (BRG).
15	14	29	38.3&	45.162	N	6.480	E	0					17	FRANCE. <GEN>. ML 2.5 (GEN), 2.4 (STR).
15	15	16	41.9&	20.252	S	67.277	E	10	G		1.4	78	9	MID-INDIAN RIDGE
15	15	22	29.5	5.019	S	102.604	E	33	N	5.2 4.7	1.1	40	67	SOUTHERN SUMATERA, INDONESIA. Mw 5.3 (HRV). Felt (II) at Argamakmur, Bengkulu, Kepahiang and Pagaralam. Centroid, Moment Tensor (HRV): Centroid origin time 15:22:33.6; Lat 5.02 S Fix; Lon 102.60 E Fix; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**17 Nm): (T) Val=0.96, Plg=45, Azm=35; (N) Val=0.06, Plg=1, Azm=126; (P) Val=-1.01, Plg=45, Azm=217; Best double couple: Mo=9.9*10**16 Nm; NP1: Strike=29, Dip=1, Slip=174; NP2: Strike=126, Dip=90, Slip=89.
15	15	41	09.5&	47.940	N	7.920	E	12					5	SWITZERLAND. <STR>. ML 1.7 (STR).
15	16	09	57.4	46.010	N	15.045	E	10	G		0.2	141	8	NORTHWESTERN BALKAN REGION. ML 2.2 (VIE), 1.9 (LJU).
15	16	10	18.2	35.157	N	27.166	E	10	G	4.7 4.4	1.0	76	134	DODECANESE ISLANDS, GREECE. MD 4.8 (ISK). ML 4.5 (THE).
15	16	23	08.3*	4.605	S	138.973	E	33	N	4.0	0.5	212	7	IRIAN JAYA, INDONESIA
15	16	34	09.2&	34.395	N	32.008	E	25					4	CYPRUS REGION. <CSS>. ML 2.5 (CSS).
15	16	44	27.4&	34.478	S	70.476	W	126					6	CHILE-ARGENTINA BORDER REGION. <GUC>.
15	17	03	52.9&	39.990	S	174.860	E	69					14	NORTH ISLAND, NEW ZEALAND. <WEL>. ML 3.3 (WEL).
15	17	34	37.8*	21.380	S	66.709	W	224	*	3.7	0.8	115	11	SOUTHERN BOLIVIA
15	17	52	38.2*	13.551	S	76.948	W	33	N	3.9	0.8	105	14	NEAR COAST OF PERU
15	18	10	29.1&	32.542	S	71.479	W	15					9	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.5 (GUC).
15	18	43	20.3*	51.326	N	15.810	E	5	G		1.0	223	9	POLAND. ML 2.9 (VIE), 2.4 (BRG).
15	18	45	46.7	54.548	N	168.546	E	33	N	4.5 4.6	1.3	95	30	KOMANDORSKY ISLANDS REGION
15	19	08	40.1	4.226	S	102.333	E	33	N	4.7	0.6	81	16	SOUTHERN SUMATERA, INDONESIA
15	20	40	42.7&	43.130	N	1.030	W	2	G				9	PYRENEES. <STR>. ML 2.4 (STR). mbLg 2.4 (MDD).
15	21	13	59.8&	38.780	S	175.640	E	133					9	NORTH ISLAND, NEW ZEALAND. <WEL>.
15	21	30	29.0	34.441	N	20.182	E	10	G	5.0	1.1	67	229	CENTRAL MEDITERRANEAN SEA. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 21:30:36.2; Lat 34.45 N; Lon 20.49 E; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=6.23, Plg=70, Azm=130; (N) Val=-0.28, Plg=0, Azm=221; (P) Val=-5.95, Plg=20, Azm=311; Best double couple: Mo=6.1*10**16 Nm; NP1: Strike=42, Dip=25, Slip=91; NP2: Strike=221, Dip=65, Slip=90.
15	21	56	09.8	49.647	N	14.033	E	5	G		1.2	74	9	CZECH AND SLOVAK REPUBLICS. ML 3.2 (VIE), 2.7 (CLL).
15	22	30	03.4*	29.812	N	138.960	E	425	*	4.4	0.9	116	21	SOUTHEAST OF HONSHU, JAPAN
15	23	17	14.6*	25.450	N	100.999	W	33	N	4.6	1.2	189	7	NORTHERN MEXICO
16	00	02	15.8	4.582	S	101.915	E	33	N	4.8	0.8	50	40	SOUTHERN SUMATERA, INDONESIA
16	00	46	06.0*	24.888	N	120.767	E	33	N	4.2	1.1	102	10	TAIWAN. Recorded (3 TAP) in southeastern I-lan County and (1 TAP) at Taipei.
16	01	08	31.3	1.115	N	118.360	E	33	N	4.9 4.7	1.4	85	47	BORNEO. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 01:08:34.9; Lat 1.05 N; Lon 118.62 E; Dep 17.8; Half-duration 1.0 sec; Principal axes (scale 10**17 Nm): (T) Val=1.83, Plg=59, Azm=195; (N) Val=-0.35, Plg=7, Azm=93; (P) Val=-1.48, Plg=30, Azm=359; Best double couple: Mo=1.6*10**17 Nm; NP1: Strike=68, Dip=16, Slip=64; NP2: Strike=275, Dip=75, Slip=97.
16	01	09	55.4&	14.944	N	60.505	W	30					4	WINDWARD ISLANDS. <FDF>. MD 2.2 (FDF).
16	01	33	35.7*	1.176	N	118.439	E	33	N	4.8	0.7	113	15	BORNEO
16	01	51	35.0&	38.730	N	119.650	W	0					7	CALIFORNIA-NEVADA BORDER REGION. <NC-P>. ML 2.8 (NC), 3.1 (BRK).
16	01	54	28.7&	42.830	N	0.580	W	2	G				23	PYRENEES. <STR>. ML 2.7 (STR). mbLg 2.5 (MDD).
16	02	04	36.0&	47.950	N	7.930	E	15					11	SWITZERLAND. <FBB>. ML 1.8 (STR), 1.6 (FBB).
16	02	32	22.7	29.818	N	138.739	E	454	*	4.6	0.8	124	76	SOUTHEAST OF HONSHU, JAPAN
16	02	34	58.3	45.921	N	15.941	E	10	G		1.0	102	37	NORTHWESTERN BALKAN REGION. ML 4.2 (STR), 3.8 (VIE), 3.8 (FUR).
16	03	33	22.0	42.568	N	16.831	E	10	G		1.2	167	46	ADRIATIC SEA. ML 4.4 (ZAG).
16	04	02	53.0&	42.100	N	72.820	W	10					11	SOUTHERN NEW ENGLAND. <WES-P>. MD 3.1 (WES). mbLg 3.3 (GS), 3.3 (OTT). Felt (IV) at Westfield, Massachusetts. Felt at Becket, Blandford, Chester, Chicopee, Cummington, Holden, Holyoke, Huntington, Middlefield, Northampton, Otis, Orange, Plainfield, Russell, Southampton and Springfield, Massachusetts. Also felt at Bristol, Granby, Hartford, Harwinton, Southbury, West Hartland, Watertown, Windsor and Winsted, Connecticut.
16	04	22	52.4?	7.89	S	107.88	E	67	?	4.4	1.5	114	15	JAWA, INDONESIA
16	05	25	47.9&	40.825	N	32.967	E	4					5	TURKEY. <ISK>. MD 3.4 (ISK).
16	06	16	39.3?	11.27	N	86.80	W	33	N	3.9	0.9	195	8	NEAR COAST OF NICARAGUA
16	06	49	36.4?	4.90	S	102.19	E	33	N	4.5	0.7	195	6	SOUTHERN SUMATERA, INDONESIA
16	07	35	44.1	41.482	N	140.853	E	144		4.5	0.7	125	60	HOKKAIDO, JAPAN REGION. Recorded (1 JMA) in parts of southern Hokkaido. Also recorded (1 JMA) in eastern Aomori and northern Iwate Prefectures, Honshu.
16	07	46	32.8?	17.54	S	178.74	W	619	?	4.5	0.7	156	18	FIJI ISLANDS REGION
16	07	55	35.3	33.877	S	70.088	W	120	D	6.2	1.0	19	364	CHILE-ARGENTINA BORDER REGION. Mw 6.4 (GS), 6.4 (HRV). Me 6.2 (GS). MD 6.1 (GUC). Felt (VI) at Rancagua, San Fernando and Valparaiso; (V) at Curico, Parral, Quillota, Quilpue, San Antonio, Santiago, Santo Domingo, Talca and Villa Alemana; (IV) at Concepcion, Los Andes, Petorca and San Felipe; (III) at Illapel, La Serena and Ovalle; (II) at Los Angeles, Chile. Power outages occurred at Curico, Rancagua, Santiago

													and Valparaiso, Chile. Landslides occurred in the San Jose de Maipo area, Chile. Also felt (IV) at Mendoza and San Juan, Argentina.
													Broadband Source Parameters (GS): Dep 114; NP1: Strike=10, Dip=65, Slip=-105; NP2: Strike=222, Dip=29, Slip=-61; Radiated energy 4.0*10**13 Nm. Two events about 2 seconds apart. Depth based on first event.
													Moment Tensor (GS): Dep 114; Principal axes (scale 10**18 Nm): (T) Val=4.71, Plg=22, Azm=116; (N) Val=-0.42, Plg=6, Azm=24; (P) Val=-4.29, Plg=67, Azm=278; Best double couple: Mo=4.5*10**18 Nm; NP1: Strike=218, Dip=24, Slip=-74; NP2: Strike=21, Dip=67, Slip=-97.
													Centroid, Moment Tensor (HRV): Centroid origin time 07:55:39.3; Lat 33.95 S; Lon 69.92 W; Dep 109.1; Half-duration 3.8 sec; Principal axes (scale 10**18 Nm): (T) Val=4.90, Plg=14, Azm=112; (N) Val=-0.36, Plg=13, Azm=19; (P) Val=-4.54, Plg=71, Azm=248; Best double couple: Mo=4.7*10**18 Nm; NP1: Strike=219, Dip=33, Slip=-67; NP2: Strike=11, Dip=60, Slip=-105.
16	08	06	14.7&	33.941	S	70.397	W	108				6	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.6 (GUC).
16	08	17	53.8&	33.494	S	72.063	W	48				6	OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.9 (GUC).
16	09	14	09.1&	33.912	S	70.361	W	109				6	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.6 (GUC).
16	09	27	48.7&	33.884	S	70.330	W	111				5	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.2 (GUC).
16	09	37	27.3*	4.594	S	101.961	E	33	N	4.3	0.5	104	10 SOUTHERN SUMATERA, INDONESIA
16	10	46	26.0&	33.939	S	70.425	W	109				6	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.3 (GUC).
16	10	58	31.4?	14.39	S	75.78	W	33	N	4.4	0.9	197	7 NEAR COAST OF PERU
16	11	10	11.2	0.695	N	120.605	E	553		4.6	0.9	121	31 MINAHASSA PENINSULA, SULAWESI
16	11	31	38.3&	14.988	N	93.260	W	57		3.6			15 NEAR COAST OF CHIAPAS, MEXICO. <UNM>. MD 4.4 (UNM).
16	11	57	22.2	45.955	N	10.938	E	10	G		1.2	102	72 NORTHERN ITALY. ML 4.1 (VIE), 4.1 (FUR), 4.0 (GRF), 3.6 (FBB).
16	12	01	24.5	30.673	N	141.505	E	33	N	4.2	0.8	127	26 SOUTHEAST OF HONSHU, JAPAN
16	14	46	11.7&	38.600	S	176.020	E	157				11	NORTH ISLAND, NEW ZEALAND. <WEL>.
16	15	00	13.3%	9.420	N	126.009	E	33	N		1.5	194	6 MINDANAO, PHILIPPINES
16	15	13	33.6?	22.22	S	179.70	W	628	?	4.4	0.9	126	20 SOUTH OF FIJI ISLANDS
16	15	54	04.2*	52.087	N	170.880	W	33	N		0.8	141	11 FOX ISLANDS, ALEUTIAN ISLANDS
16	17	25	13.0*	13.492	N	91.401	W	33	N	4.4	1.2	243	54 NEAR COAST OF GUATEMALA. MD 4.2 (UNM).
16	17	35	23.3&	33.887	S	70.434	W	111				8	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.5 (GUC).
16	17	59	03.3	7.983	S	13.395	W	10	G	5.1 5.0	0.9	47	73 ASCENSION ISLAND REGION. Mw 5.4 (HRV).
													Centroid, Moment Tensor (HRV): Centroid origin time 17:59:09.7; Lat 7.83 S; Lon 13.74 W; Dep 15.0 Fix; Half-duration 1.3 sec; Principal axes (scale 10**17 Nm): (T) Val=1.43, Plg=0, Azm=268; (N) Val=-0.14, Plg=0, Azm=178; (P) Val=-1.29, Plg=90, Azm=180; Best double couple: Mo=1.4*10**17 Nm; NP1: Strike=358, Dip=45, Slip=-90; NP2: Strike=178, Dip=45, Slip=-90.
16	18	17	58.8*	7.775	S	13.486	W	10	G	4.7 4.9	1.0	50	25 ASCENSION ISLAND REGION. Mw 5.4 (HRV).
													Centroid, Moment Tensor (HRV): Centroid origin time 18:18:03.7; Lat 7.78 S Fix; Lon 13.49 W Fix; Dep 15.0 Fix; Half-duration 1.1 sec; Principal axes (scale 10**17 Nm): (T) Val=1.21, Plg=0, Azm=216; (N) Val=0.47, Plg=0, Azm=126; (P) Val=-1.68, Plg=90, Azm=180; Best double couple: Mo=1.5*10**17 Nm; NP1: Strike=306, Dip=45, Slip=-90; NP2: Strike=126, Dip=45, Slip=-90.
16	18	29	58.5&	16.153	N	99.245	W	16				13	NEAR COAST OF GUERRERO, MEXICO. <UNM>. MD 4.1 (UNM).
16	18	36	39.0	17.186	N	60.009	W	49	D	4.5	0.8	70	41 LEEWARD ISLANDS. MD 4.0 (FDF), 3.8 (TRN).
16	18	41	12.5*	46.075	N	14.758	E	10	G		0.5	99	5 NORTHWESTERN BALKAN REGION. ML 1.5 (VIE), 1.1 (LJU).
16	19	13	36.1*	26.472	S	27.423	E	10	G		1.2	171	8 SOUTH AFRICA
16	20	14	17.9&	33.900	S	70.405	W	110				7	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.5 (GUC).
16	20	14	41.4*	41.049	N	72.494	E	57	?	4.1	1.1	86	13 KYRGYZSTAN
16	20	18	02.8*	52.512	N	170.380	W	33	N	4.0	0.8	139	6 FOX ISLANDS, ALEUTIAN ISLANDS
16	20	23	33.3	28.876	S	178.464	W	223	D	5.2	1.0	48	131 KERMADEC ISLANDS REGION. Mw 5.6 (HRV).
													Centroid, Moment Tensor (HRV): Centroid origin time 20:23:37.5; Lat 28.74 S; Lon 178.09 W; Dep 230.3; Half-duration 1.4 sec; Principal axes (scale 10**17 Nm): (T) Val=2.40, Plg=60, Azm=163; (N) Val=0.01, Plg=21, Azm=31; (P) Val=-2.41, Plg=21, Azm=293; Best double couple: Mo=2.4*10**17 Nm; NP1: Strike=351, Dip=31, Slip=45; NP2: Strike=220, Dip=69, Slip=113.
16	21	23	13.2	9.598	N	57.993	E	10	G	5.1 4.5	1.1	55	103 CARLSBERG RIDGE. Mw 5.3 (HRV).
													Centroid, Moment Tensor (HRV): Centroid origin time 21:23:06.4; Lat 9.36 N; Lon 58.59 E; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=9.24, Plg=0, Azm=218; (N) Val=-0.72, Plg=0, Azm=128; (P) Val=-8.52, Plg=90, Azm=180; Best double couple: Mo=8.9*10**16 Nm; NP1: Strike=308, Dip=45, Slip=-90; NP2: Strike=128, Dip=45, Slip=-90.
16	23	30	26.1*	36.176	N	21.721	E	33	N	3.9	0.9	122	12 SOUTHERN GREECE
16	23	33	49.9	51.433	N	178.346	W	33	N	5.0 4.3	1.0	98	166 ANDREANOF ISLANDS, ALEUTIAN IS. Mw 5.0 (HRV). ML 5.3 (PMR). Felt strongly on Adak.
													Centroid, Moment Tensor (HRV): Centroid origin time 23:33:53.3; Lat 51.42 N; Lon 178.00 W; Dep 46.8; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=3.89, Plg=74, Azm=305; (N) Val=-0.16, Plg=9, Azm=68; (P) Val=-3.72, Plg=13, Azm=161; Best double couple: Mo=3.8*10**16 Nm; NP1: Strike=263, Dip=33, Slip=108; NP2: Strike=63, Dip=59, Slip=79.
16	23	37	21.1*	17.596	S	174.797	W	134	?	4.5	0.9	127	30 TONGA ISLANDS
17	00	01	29.3	37.492	N	78.587	E	46	?	4.0	1.2	175	9 SOUTHERN XINJIANG, CHINA
17	00	15	18.6?	4.85	S	103.31	E	33	N	4.4	1.3	187	12 SOUTHERN SUMATERA, INDONESIA
17	00	35	23.5?	25.31	N	140.71	E	153	?	4.5	0.9	145	11 VOLCANO ISLANDS, JAPAN REGION
17	00	42	22.3&	37.371	N	2.033	W	3					9 SPAIN. <MDD>. mbLg 2.1 (MDD).

17	00	45	21.4&	33.896	S	70.351	W	110					11	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.1 (GUC).
17	01	53	18.1&	33.897	S	70.441	W	109					8	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.8 (GUC).
17	01	58	13.0&	39.136	N	25.806	E	2					5	AEGEAN SEA. <ISK>. MD 3.4 (ISK).
17	02	03	54.4&	33.451	S	70.851	W	71					8	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.1 (GUC).
17	02	35	39.3?	23.18	S	67.90	W	117	?	4.0	1.1	119	6	CHILE-ARGENTINA BORDER REGION
17	02	47	09.3*	32.860	N	79.214	E	33	N	4.4	0.6	133	6	KASHMIR-XIZANG BORDER REGION
17	02	47	30.4	21.640	N	142.995	E	288	D	4.8	0.9	69	142	MARIANA ISLANDS REGION
17	04	15	56.2&	32.917	S	70.244	W	111					9	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.6 (GUC).
17	04	23	07.0*	46.039	N	14.796	E	10	G		0.1	123	5	NORTHWESTERN BALKAN REGION. ML 1.6 (VIE), 0.9 (LJU).
17	04	40	49.4&	33.892	S	70.409	W	113					9	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.3 (GUC).
17	05	49	27.0*	36.551	N	71.244	E	233	D	4.0	0.8	100	14	AFGHANISTAN-TAJIKISTAN BORD REG.
17	05	59	23.8&	32.971	S	70.547	W	89					10	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.0 (GUC).
17	06	47	40.9*	52.177	N	30.062	W	10	G	4.0	1.5	169	8	NORTHERN MID-ATLANTIC RIDGE
17	07	54	58.6*	1.392	S	24.244	W	10	G	4.5 4.6	1.3	62	17	CENTRAL MID-ATLANTIC RIDGE
17	08	14	45.7&	33.883	S	70.408	W	109					10	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.3 (GUC).
17	09	49	28.9&	33.013	S	70.278	W	98					6	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.3 (GUC).
17	10	32	49.0&	33.935	S	70.427	W	113					9	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.5 (GUC).
17	10	37	56.6&	43.950	N	8.083	E	17					5	CORSICA, FRANCE. <GEN>. ML 1.8 (GEN).
17	10	44	51.0	7.979	S	156.214	E	33	N	5.0 4.0	1.0	72	45	SOLOMON ISLANDS
17	11	01	55.0*	9.389	N	126.381	E	57	*		1.0	141	12	MINDANAO, PHILIPPINES
17	11	04	22.5&	32.878	N	115.517	W	5					16	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 2.9 (PAS).
17	11	24	19.2*	8.014	S	156.120	E	33	N	4.6	1.2	82	17	SOLOMON ISLANDS
17	11	39	39.1	46.538	N	15.018	E	10	G		1.0	99	9	NORTHWESTERN BALKAN REGION. ML 1.9 (VIE), 1.4 (LJU).
17	11	40	55.0	35.026	N	27.153	E	33	N	4.3	1.1	163	35	DODECANESE ISLANDS, GREECE
17	12	43	28.1*	57.888	N	151.423	W	10	G	3.0	0.7	226	8	KODIAK ISLAND REGION, ALASKA. ML 3.4 (PMR).
17	13	06	36.9&	39.240	S	174.900	E	219					8	NORTH ISLAND, NEW ZEALAND. <WEL>.
17	13	15	31.7*	23.912	S	66.619	W	213		4.3	1.0	116	37	JUJUY PROVINCE, ARGENTINA
17	15	40	41.7	63.966	N	20.487	W	10	G	5.7 6.6	1.0	21	406	ICELAND. Mw 6.8 (CSEM), 6.5 (HRV), 6.4 (GS). Me 6.7 (GS). One person injured and rockslides closed some roads at Vestmannaeyjar. At least 11 houses destroyed, 19 houses and a glass factory damaged and utilities disrupted at Hella. Felt throughout western Iceland. Broadband Source Parameters (GS): Dep 8; NP1: Strike=2, Dip=85, Slip=179; NP2: Strike=92, Dip=89, Slip=5; Radiated energy 2.5*10**14 Nm. Moment Tensor (GS): Dep 14; Principal axes (scale 10**18 Nm): (T) Val=4.85, Plg=15, Azm=316; (N) Val=-1.05, Plg=73, Azm=113; (P) Val=-3.80, Plg=6, Azm=224; Best double couple: Mo=4.3*10**18 Nm; NP1: Strike=359, Dip=75, Slip=173; NP2: Strike=91, Dip=84, Slip=15. Centroid, Moment Tensor (HRV): Centroid origin time 15:40:50.7; Lat 63.99 N; Lon 20.47 W; Dep 15.0 Bdy; Half-duration 4.4 sec; Principal axes (scale 10**18 Nm): (T) Val=7.47, Plg=10, Azm=137; (N) Val=-0.85, Plg=73, Azm=13; (P) Val=-6.62, Plg=13, Azm=229; Best double couple: Mo=7.1*10**18 Nm; NP1: Strike=273, Dip=74, Slip=-3; NP2: Strike=4, Dip=87, Slip=-164. Moment Tensor (CSEM): Dep 20; Principal axes: (T) Plg=1, Azm=327; (N) Plg=60, Azm=59; (P) Plg=30, Azm=237; Best double couple: Mo=1.7*10**19 Nm; NP1: Strike=278, Dip=70, Slip=-23; NP2: Strike=16, Dip=68, Slip=-158.
17	15	42	52.6	63.965	N	20.633	W	10	G	5.7	1.4	56	79	ICELAND
17	15	45	27.8	64.000	N	22.197	W	10	G	4.9	0.9	63	42	ICELAND
17	16	31	09.1?	4.50	S	102.09	E	33	N	4.4	0.8	138	9	SOUTHERN SUMATERA, INDONESIA
17	16	34	12.9	32.024	N	78.437	E	33	N	4.8	0.9	54	71	KASHMIR-XIZANG BORDER REGION
17	16	39	35.9?	47.80	N	146.90	E	405	?	3.2	1.0	141	7	NORTHWEST OF KURIL ISLANDS
17	17	09	27.9%	63.891	N	21.759	W	10	G		1.0	142	8	ICELAND REGION
17	17	27	46.0*	6.727	S	143.186	E	33	N	4.6	1.1	159	7	NEW GUINEA, PAPUA NEW GUINEA
17	17	40	17.2	64.023	N	20.717	W	10	G	4.5 4.4	1.1	120	40	ICELAND
17	19	19	01.5	22.418	N	143.339	E	131	*	4.2	0.9	109	31	VOLCANO ISLANDS, JAPAN REGION
17	20	22	08.0&	33.014	S	70.850	W	76					10	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.8 (GUC).
17	20	43	18.5&	32.173	S	69.060	W	0					12	MENDOZA PROVINCE, ARGENTINA. <GUC>. MD 4.1 (GUC).
17	20	59	44.9&	34.263	N	32.109	E	25					6	CYPRUS REGION. <CSS>. ML 3.5 (CSS).
17	21	51	24.4	4.277	S	143.697	E	134		4.7	1.1	96	44	NEW GUINEA, PAPUA NEW GUINEA
17	22	20	39.7	7.361	S	119.773	E	458		4.3	0.9	99	18	FLORES SEA
17	22	29	28.0	35.068	N	27.230	E	33	N	4.3	1.3	86	62	DODECANESE ISLANDS, GREECE. ML 4.1 (CSS).
17	22	42	23.6&	62.166	N	148.440	W	21					13	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC), 2.8 (PMR).
17	22	59	03.3*	28.498	S	62.761	E	10	G	4.5	1.0	73	14	SOUTHWEST INDIAN RIDGE
17	22	59	13.4&	16.044	N	98.200	W	8					9	NEAR COAST OF GUERRERO, MEXICO. <UNM>. MD 3.9 (UNM).
17	23	24	59.3	54.361	N	142.900	E	10	G	4.3	1.4	69	42	SAKHALIN ISLAND, RUSSIA. Felt (IV) at Nyvrovo and (II) at Okha.
17	23	39	31.7&	37.341	N	3.361	W	0	G				5	SPAIN. <MDD>. mbLg 1.8 (MDD).
17	23	58	45.6*	9.089	S	110.666	E	33	N	4.2	0.5	204	7	SOUTH OF JAWA, INDONESIA
18	00	36	34.1&	17.104	N	60.812	W	61					5	LEEWARD ISLANDS. <FDF>. MD 3.2 (FDF).
18	02	07	50.0&	61.531	N	146.394	W	35					43	SOUTHERN ALASKA. <AEIC>. ML 2.7 (AEIC), 3.0 (PMR).
18	03	34	58.8	36.103	N	21.897	E	33	N	4.3	1.0	123	26	SOUTHERN GREECE
18	04	14	45.5&	17.439	N	101.570	W	10					6	NEAR COAST OF GUERRERO, MEXICO. <UNM>. MD 3.5 (UNM).
18	04	45	10.3?	11.02	S	165.66	E	33	N	4.4	1.2	173	12	SANTA CRUZ ISLANDS
18	05	10	39.7&	32.926	S	70.422	W	93					5	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.6 (GUC).
18	05	23	28.9&	19.077	N	104.272	W	96					10	NEAR COAST OF JALISCO, MEXICO. <UNM>. MD 4.2 (UNM).
18	05	31	23.0	38.318	N	117.859	W	5	G		0.6	37	22	NEVADA. ML 3.2 (GS).
18	05	35	39.7?	5.43	S	102.09	E	33	N	4.3	0.8	222	7	SOUTHERN SUMATERA, INDONESIA
18	06	22	16.0&	17.957	N	102.105	W	46					13	NEAR COAST OF MICHOACAN, MEXICO. <UNM>. MD 3.9 (UNM).
18	07	06	48.9&	16.017	N	98.066	W	10	G				20	NEAR COAST OF GUERRERO, MEXICO. <UNM>. MD 4.0 (UNM).
18	07	42	06.5	44.759	N	10.798	E	10	G	4.5	1.0	64	104	NORTHERN ITALY. ML 4.8 (FUR), 4.5 (FBB).
18	08	05	23.9*	32.167	N	78.490	E	93	?	3.7	1.3	103	8	KASHMIR-XIZANG BORDER REGION
18	08	50	25.4	36.732	N	137.016	E	264		4.0	0.9	89	48	EASTERN HONSHU, JAPAN
18	09	47	33.1	51.642	N	16.109	E	5	G		1.1	94	12	POLAND. ML 3.0 (VIE).
18	10	07	28.7&	17.926	N	66.841	W	17					5	PUERTO RICO REGION. <RSPR>. ML 3.1 (RSPR).
18	10	11	24.0&	37.454	N	118.688	W	16					16	CALIFORNIA-NEVADA BORDER REGION. <NC-P>. MD 2.8 (NC).
18	10	46	19.0&	43.759	N	10.308	E	4					30	CENTRAL ITALY. <GEN>.

18	10	55	37.5	52.250	N	171.311	W	33	N	4.6	4.4	1.1	107	131	FOX ISLANDS, ALEUTIAN ISLANDS. ML 5.3 (PMR).
18	11	52	41.8?	4.65	S	102.27	E	33	N	4.5		1.3	217	10	SOUTHERN SUMATERA, INDONESIA
18	12	26	38.6&	40.400	S	176.670	E	33	N					14	NORTH ISLAND, NEW ZEALAND. <WEL>. ML 4.2 (WEL).
18	12	42	48.9&	38.830	S	175.980	E	5						4	NORTH ISLAND, NEW ZEALAND. <WEL>. ML 2.3 (WEL).
18	13	06	41.9&	38.820	S	175.990	E	5						4	NORTH ISLAND, NEW ZEALAND. <WEL>. ML 2.7 (WEL).
18	13	12	28.9&	44.374	N	7.725	E	1						7	NORTHERN ITALY. <GEN>. ML 1.7 (GEN).
18	14	04	16.6&	37.930	S	177.790	E	263						6	OFF E. COAST OF N. ISLAND, N.Z. <WEL>.
18	14	25	11.4&	38.840	S	176.000	E	5						4	NORTH ISLAND, NEW ZEALAND. <WEL>. ML 2.5 (WEL).
18	14	32	45.4?	4.64	S	102.14	E	33	N	4.2		0.8	221	11	SOUTHERN SUMATERA, INDONESIA
18	14	44	13.3	13.802	S	97.453	E	10	G	6.8	7.8	1.2	25	405	SOUTH INDIAN OCEAN. Mw 7.9 (HRV), 7.6 (GS). Me 8.0 (GS). Small items knocked from shelves and a local tsunami generated with an estimated wave height of 30 cm in the Cocos Islands. Felt (II) at Bengkulu, Jakarta and Padangpanjang, Indonesia. Broadband Source Parameters (GS): Radiated energy 1.9*10**16 Nm. Moment Tensor (GS): Dep 14; Principal axes (scale 10**20 Nm): (T) Val=2.50, Plg=25, Azm=22; (N) Val=-0.19, Plg=60, Azm=239; (P) Val=-2.31, Plg=16, Azm=120; Best double couple: Mo=2.4*10**20 Nm; NP1: Strike=163, Dip=60, Slip=7; NP2: Strike=69, Dip=84, Slip=150. Centroid, Moment Tensor (HRV): Centroid origin time 14:44:27.6; Lat 13.47 S; Lon 97.17 E; Dep 15.0 Fix; Half-duration 25.7 sec; Principal axes (scale 10**20 Nm): (T) Val=6.33, Plg=15, Azm=25; (N) Val=3.17, Plg=63, Azm=263; (P) Val=-9.50, Plg=22, Azm=121; Best double couple: Mo=7.9*10**20 Nm; NP1: Strike=161, Dip=63, Slip=-5; NP2: Strike=254, Dip=85, Slip=-153. Scalar Moment (PPT): Mo=7.8*10**20 Nm.
18	15	05	31.9*	13.645	S	97.203	E	10	G	5.4		0.9	120	20	SOUTH INDIAN OCEAN
18	15	09	49.9*	14.171	S	97.451	E	10	G			1.0	76	10	SOUTH INDIAN OCEAN
18	15	22	57.0&	41.640	S	172.390	E	5						4	SOUTH ISLAND, NEW ZEALAND. <WEL>. ML 3.2 (WEL).
18	15	28	03.5&	32.767	S	71.753	W	14						11	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.0 (GUC).
18	15	37	13.5	65.317	N	164.083	W	10	G	4.7		0.9	78	54	NORTHERN ALASKA. ML 5.1 (PMR). Felt (III) at Nome. Also felt at Shishmaref.
18	15	50	33.0?	13.66	S	97.26	E	10	G	4.4		0.5	166	7	SOUTH INDIAN OCEAN
18	15	55	51.8&	16.280	N	99.267	W	17						5	NEAR COAST OF GUERRERO, MEXICO. <UNM>. MD 3.9 (UNM).
18	16	01	50.1*	13.974	S	97.308	E	10	G	4.9		1.1	66	32	SOUTH INDIAN OCEAN
18	16	24	58.4*	14.493	S	97.447	E	10	G			1.1	107	12	SOUTH INDIAN OCEAN
18	16	53	21.0*	4.963	S	102.614	E	33	N	4.5		0.6	201	13	SOUTHERN SUMATERA, INDONESIA
18	17	12	47.7*	45.670	S	76.710	W	33	N			1.0	164	9	OFF COAST OF SOUTHERN CHILE
18	17	27	41.6?	13.98	S	97.35	E	10	G	4.3		0.7	211	10	SOUTH INDIAN OCEAN
18	17	29	56.1?	13.82	S	97.08	E	10	G	4.3		0.5	230	7	SOUTH INDIAN OCEAN
18	17	50	09.3&	37.197	N	3.692	W	0	G					6	SPAIN. <MDD>. mbLg 1.9 (MDD).
18	17	50	51.8*	13.712	S	97.747	E	10	G	4.3		0.6	108	12	SOUTH INDIAN OCEAN
18	18	58	03.8*	19.920	S	68.861	W	33	N	3.9		1.0	116	8	CHILE-BOLIVIA BORDER REGION
18	19	02	43.7	1.465	N	125.678	E	129		4.6		1.0	49	44	NORTHERN MOLUCCA SEA
18	19	28	01.6*	14.781	N	92.330	W	102	*	4.3		1.4	162	19	NEAR COAST OF CHIAPAS, MEXICO. MD 4.2 (UNM).
18	20	45	20.0	14.501	N	56.259	E	10	G	5.2	4.6	1.0	98	119	OWEN FRACTURE ZONE REGION
18	20	48	10.8?	14.27	S	97.32	E	10	G	4.5		1.0	156	10	SOUTH INDIAN OCEAN
18	20	55	42.6?	14.43	N	56.40	E	10	G	3.7		1.1	144	5	OWEN FRACTURE ZONE REGION
18	21	01	14.2*	27.935	S	176.650	W	33	N	4.4		0.9	90	18	KERMADEC ISLANDS REGION
18	21	19	12.4&	37.612	N	2.813	W	4						6	SPAIN. <MDD>. mbLg 1.7 (MDD).
18	21	21	06.5&	37.520	N	2.723	W	0	G					5	SPAIN. <MDD>. mbLg 1.6 (MDD).
18	21	22	32.1&	37.566	N	2.766	W	0	G					4	SPAIN. <MDD>. mbLg 1.5 (MDD).
18	21	27	52.1&	37.543	N	2.776	W	0	G					15	SPAIN. <MDD>. mbLg 2.5 (MDD).
18	21	29	30.0&	37.542	N	2.777	W	5						15	SPAIN. <MDD>. mbLg 2.3 (MDD).
18	21	37	44.4&	60.061	N	152.731	W	100						54	SOUTHERN ALASKA. <AEIC>.
18	21	38	12.5?	14.64	N	56.21	E	10	G	4.0		0.5	181	5	OWEN FRACTURE ZONE REGION
18	21	41	39.6	15.505	S	179.107	W	450	G	4.2		0.9	62	41	FIJI ISLANDS REGION
18	21	52	58.9?	4.80	S	101.94	E	33	N	4.1		1.3	223	8	SOUTHERN SUMATERA, INDONESIA
18	22	04	44.0&	37.548	N	2.787	W	0	G					5	SPAIN. <MDD>. mbLg 1.6 (MDD).
18	22	44	49.2	23.744	N	121.206	E	33	N	4.5	4.1	1.1	96	50	TAIWAN. Recorded (4 TAP) in western Nan-tou County; (3 TAP) at Chang-hua; (2 TAP) at Chia-i, Hua-lien, Miao-li and Tai-chung; (1 TAP) at Taipei and Tai-tung.
18	22	51	22.0?	14.42	N	56.06	E	10	G			0.4	192	5	OWEN FRACTURE ZONE REGION
18	23	23	11.9&	44.870	N	6.891	E	8						5	FRANCE. <GEN>. ML 2.0 (GEN).
18	23	27	50.1&	57.523	N	152.383	W	17		3.8				50	KODIAK ISLAND REGION, ALASKA. <AEIC>. ML 3.5 (AEIC), 3.8 (PMR).
18	23	52	41.5*	32.175	N	140.560	E	80	?	3.5		1.0	135	10	SOUTHEAST OF HONSHU, JAPAN
19	00	40	29.0	6.890	S	143.970	E	33	N	4.7	3.8	0.8	105	27	NEW GUINEA, PAPUA NEW GUINEA
19	00	40	59.6	36.003	N	22.052	E	33	N	3.6		1.0	124	11	SOUTHERN GREECE
19	01	42	25.4&	59.648	N	152.879	W	100						17	SOUTHERN ALASKA. <AEIC>.
19	01	49	35.1	4.958	S	102.683	E	33	N	5.2		1.0	44	101	SOUTHERN SUMATERA, INDONESIA. Felt (II) at Bengkulu.
19	01	58	55.0*	17.180	S	179.193	W	500	G	4.0		0.5	185	14	FIJI ISLANDS REGION
19	01	59	34.2	16.967	N	120.408	E	33	N	5.6	5.2	1.1	47	211	LUZON, PHILIPPINES. Mw 5.7 (HRV). Felt (V RF) at Baguio and San Fernando; (IV RF) at Dagupan and Manila; (III RF) at Clark Air Base, Makati, Marikina, Pasig, Pasuquin, Quezon and Santo Domingo; (II RF) at Callao and Penablanca. Centroid, Moment Tensor (HRV): Centroid origin time 01:59:34.9; Lat 17.02 N; Lon 120.42 E; Dep 40.0; Half-duration 1.8 sec; Principal axes (scale 10**17 Nm): (T) Val=2.94, Plg=33, Azm=74; (N) Val=1.96, Plg=34, Azm=190; (P) Val=-4.90, Plg=39, Azm=312; Best double couple: Mo=3.9*10**17 Nm; NP1: Strike=106, Dip=34, Slip=-175; NP2: Strike=12, Dip=87, Slip=-56.
19	02	45	12.9*	35.501	N	22.382	E	33	N			1.0	159	9	CENTRAL MEDITERRANEAN SEA
19	03	32	55.0	29.338	S	67.812	W	115	D	4.7		1.0	54	103	LA RIOJA PROVINCE, ARGENTINA
19	04	39	50.0	20.788	S	178.612	W	617	D	4.7		0.9	75	104	FIJI ISLANDS REGION
19	07	26	14.1&	33.899	S	70.249	W	110						9	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.8 (GUC).
19	07	32	50.3*	23.842	N	121.119	E	33	N	4.2		1.4	95	22	TAIWAN. Recorded (4 TAP) in western Nan-tou County; (3

TAP) at Chang-hua; (2 TAP) at Chia-i, Hua-lien and Tai-chung; (1 TAP) at Miao-li and Tai-tung.

19	07	41	33.1*	13.309	S	97.037	E	10	G	4.6	1.1	62	20	SOUTH INDIAN OCEAN
19	07	51	30.4	5.215	S	102.696	E	33	N	5.0 4.5	1.1	61	60	SOUTHERN SUMATERA, INDONESIA
19	08	22	06.6	18.014	N	76.487	E	33	N	4.4	0.9	56	25	SOUTHERN INDIA
19	08	29	35.8	48.914	N	8.177	E	10	G		0.9	110	22	GERMANY. ML 3.3 (VIE), 3.0 (FBB), 3.0 (GRF).
19	09	34	57.0	14.011	N	120.532	E	115	D	5.7	1.1	41	178	LUZON, PHILIPPINES. Mw 5.6 (GS), 5.6 (HRV). Felt (IV RF) at Manila and Tagaytay; (III RF) at Quezon; (II RF) at Angeles and Pasay. Felt at Bataan. Also felt (III RF) at Puerto Galera, Mindoro. Moment Tensor (GS): Dep 105; Principal axes (scale 10**17 Nm): (T) Val=3.31, Plg=56, Azm=58; (N) Val=0.03, Plg=3, Azm=324; (P) Val=-3.34, Plg=34, Azm=232; Best double couple: Mo=3.3*10**17 Nm; NP1: Strike=310, Dip=11, Slip=75; NP2: Strike=144, Dip=79, Slip=93. Centroid, Moment Tensor (HRV): Centroid origin time 09:34:59.5; Lat 13.88 N; Lon 120.38 E; Dep 106.7; Half-duration 1.6 sec; Principal axes (scale 10**17 Nm): (T) Val=3.31, Plg=48, Azm=61; (N) Val=0.05, Plg=14, Azm=315; (P) Val=-3.36, Plg=39, Azm=214; Best double couple: Mo=3.3*10**17 Nm; NP1: Strike=246, Dip=15, Slip=20; NP2: Strike=136, Dip=85, Slip=104.
19	10	06	14.6	47.248	N	150.606	E	211	D	4.2	1.1	134	29	KURIL ISLANDS
19	11	07	47.7*	41.810	N	126.190	W	10	G		0.5	252	25	OFF COAST OF NORTHERN CALIFORNIA
19	11	15	56.5*	11.087	N	126.300	E	33	N	3.8	1.5	158	18	PHILIPPINE ISLANDS REGION
19	12	30	05.1	3.185	S	141.369	E	33	N	4.8	1.1	73	32	NEW GUINEA, PAPUA NEW GUINEA
19	12	54	08.6	5.224	S	102.289	E	33	N	4.9	0.9	107	41	SOUTHERN SUMATERA, INDONESIA
19	13	26	39.5	9.104	N	126.627	E	33	N		1.4	131	20	MINDANAO, PHILIPPINES
19	13	30	02.0&	14.912	N	60.957	W	142					4	WINDWARD ISLANDS. <FDF>. MD 2.1 (FDF).
19	15	06	32.2	8.939	N	126.724	E	33	N	4.2	1.4	135	22	MINDANAO, PHILIPPINES
19	15	12	58.2%	9.366	N	122.398	E	33	N		0.8	207	6	NEGROS, PHILIPPINES
19	15	23	50.5&	17.388	N	101.408	W	57					8	NEAR COAST OF GUERRERO, MEXICO. <UNM>. MD 3.7 (UNM).
19	17	16	31.5*	3.938	S	154.090	E	464	*	4.0	0.9	156	15	NORTH OF SOLOMON ISLANDS
19	18	51	51.5&	37.185	N	3.759	W	0	G				5	SPAIN. <MDD>. mbLg 1.7 (MDD).
19	19	00	43.6	51.679	N	175.256	W	33	N	4.5	1.2	129	28	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.2 (PMR).
19	19	13	45.7*	13.182	N	124.179	E	73	*		0.2	166	8	LUZON, PHILIPPINES
19	20	27	57.5	10.478	N	86.335	W	33	N	4.2	1.2	128	25	OFF COAST OF COSTA RICA. MD 4.1 (CASC).
19	20	28	50.7	45.778	N	11.914	E	10	G		0.8	235	13	NORTHERN ITALY. ML 2.6 (VIE), 2.0 (LJU).
19	21	00	41.0	50.370	N	18.864	E	5	G		0.7	176	7	POLAND. ML 2.8 (VIE).
19	21	19	14.8*	57.919	N	156.880	W	10	G		0.9	151	16	ALASKA PENINSULA. ML 3.6 (PMR), 3.2 (AEIC).
19	21	19	47.6&	57.955	N	156.441	W	28		3.1			6	ALASKA PENINSULA. <AEIC>. ML 2.7 (AEIC).
19	21	32	29.9*	14.495	N	93.685	W	33	N	4.4	1.5	172	24	NEAR COAST OF CHIAPAS, MEXICO. MD 4.3 (UNM).
19	21	56	25.3	23.868	N	121.287	E	50		5.0 4.6	1.1	50	88	TAIWAN. Mw 5.3 (HRV). Recorded (5 TAP) in western Nan-tou County; (4 TAP) at Chang-hua and Hua-lien; (3 TAP) at Chia-i, Miao-li and Tai-chung; (2 TAP) at I-lan and Taipei; (1 TAP) at Ma-kung, Peng-hu Tao. Centroid, Moment Tensor (HRV): Centroid origin time 21:56:24.5; Lat 23.95 N; Lon 120.91 E; Dep 19.5; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=9.43, Plg=58, Azm=118; (N) Val=-0.39, Plg=6, Azm=18; (P) Val=-9.04, Plg=31, Azm=284; Best double couple: Mo=9.2*10**16 Nm; NP1: Strike=354, Dip=15, Slip=65; NP2: Strike=199, Dip=76, Slip=97.
19	22	12	04.4*	29.908	S	70.583	W	33	N		1.3	204	12	CENTRAL CHILE. Felt (II) at La Serena and Vicuna.
19	22	38	36.0*	5.513	S	147.224	E	33	N	4.7	1.4	157	8	EASTERN NEW GUINEA REG., P.N.G.
19	22	41	48.8	35.249	N	77.447	E	42		5.2 5.1	0.9	34	165	EASTERN KASHMIR. Mw 5.4 (HRV). Felt in the epicentral area. Centroid, Moment Tensor (HRV): Centroid origin time 22:41:49.6; Lat 35.24 N; Lon 77.43 E; Dep 40.4; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=1.46, Plg=8, Azm=134; (N) Val=-0.13, Plg=77, Azm=264; (P) Val=-1.33, Plg=10, Azm=43; Best double couple: Mo=1.4*10**17 Nm; NP1: Strike=179, Dip=77, Slip=-179; NP2: Strike=89, Dip=89, Slip=-13.
19	23	13	25.4&	17.968	N	66.792	W	16					4	PUERTO RICO REGION. <RSPR>. ML 2.5 (RSPR).
19	23	21	49.4&	18.239	N	66.092	W	15					7	PUERTO RICO REGION. <RSPR>. MD 2.6 (RSPR).
19	23	45	52.5*	24.587	N	123.208	E	106	*	3.6	0.7	107	12	SOUTHWESTERN RYUKYU ISL., JAPAN. Recorded (1 JMA) on Iriomote-jima.
19	23	46	48.1	41.652	N	29.289	W	10	G	4.8 4.1	0.9	83	37	AZORES ISLANDS REGION
20	00	09	55.9*	5.650	S	102.844	E	33	N	5.0 4.9	1.4	77	47	SOUTHERN SUMATERA, INDONESIA. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 00:09:55.6; Lat 6.26 S; Lon 102.74 E; Dep 24.4 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=7.12, Plg=27, Azm=301; (N) Val=-1.41, Plg=63, Azm=114; (P) Val=-5.71, Plg=3, Azm=209; Best double couple: Mo=6.4*10**16 Nm; NP1: Strike=342, Dip=69, Slip=162; NP2: Strike=78, Dip=73, Slip=22.
20	00	22	35.3?	22.41	S	179.57	W	600	G	4.0	1.1	126	15	SOUTH OF FIJI ISLANDS
20	00	33	30.8&	33.415	S	70.183	W	110					7	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.5 (GUC).
20	00	49	06.9?	12.69	N	89.91	W	33	N	4.4	1.0	288	18	OFF COAST OF CENTRAL AMERICA
20	01	34	32.6*	15.149	S	173.627	W	33	N	4.5	0.8	123	37	TONGA ISLANDS
20	02	30	09.5%	15.162	N	122.343	E	33	N		0.6	186	6	PHILIPPINE ISLANDS REGION
20	02	53	34.0*	25.412	N	122.263	E	238			0.6	91	12	TAIWAN REGION
20	04	27	13.1*	5.187	S	102.364	E	33	N	4.5	0.9	221	15	SOUTHERN SUMATERA, INDONESIA
20	04	51	40.3*	4.433	S	123.245	E	33	N	4.6	1.5	127	11	BANDA SEA
20	06	11	55.0&	39.433	N	27.951	E	9					12	TURKEY. <ISK>. MD 3.8 (ISK).
20	06	12	38.5*	13.839	S	97.320	E	10	G	4.6	1.0	62	30	SOUTH INDIAN OCEAN
20	06	15	36.1*	35.964	N	22.159	E	33	N	4.3	1.3	70	23	CENTRAL MEDITERRANEAN SEA
20	06	18	49.1	47.504	N	7.849	E	10	G		1.0	85	17	SWITZERLAND. ML 3.3 (VIE), 3.0 (FBB).
20	06	25	32.6	47.512	N	7.829	E	10	G		1.1	88	22	SWITZERLAND. ML 3.0 (VIE), 2.8 (FBB).
20	06	40	47.0&	47.480	N	7.780	E	14					4	SWITZERLAND. <FBB>. ML 1.8 (FBB).
20	06	54	26.1*	4.026	S	101.908	E	33	N	4.9	1.0	81	47	SOUTHERN SUMATERA, INDONESIA. Felt (II) at Bengkulu.

20	07	40	12.8	22.655	S	179.126	E	591 *	4.7		0.8	66	108	SOUTH OF FIJI ISLANDS
20	09	02	14.8?	18.05	S	168.43	E	33 N	4.3		1.2	204	12	VANUATU ISLANDS
20	09	22	26.6	35.312	N	77.528	E	33 N	4.5	3.8	1.3	61	34	EASTERN KASHMIR
20	09	58	49.5%	10.154	N	125.259	E	33 N			0.5	163	5	LEYTE, PHILIPPINES
20	10	05	48.0&	47.480	N	7.780	E	15 G					4	SWITZERLAND. <FBB>. ML 1.7 (FBB).
20	10	28	16.5*	28.047	S	176.652	W	33 N	4.8		0.9	76	24	KERMADEC ISLANDS REGION
20	10	29	42.6*	52.032	N	159.448	E	33 N			1.5	169	10	OFF EAST COAST OF KAMCHATKA
20	11	08	31.6	51.092	N	178.110	W	33 N	4.3		0.9	105	53	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.4 (PMR).
20	11	21	00.8	3.266	S	141.339	E	33 N	4.7		1.2	76	20	NEW GUINEA, PAPUA NEW GUINEA
20	11	34	00.0	14.104	S	97.577	E	10 G	5.6	5.6	1.1	31	153	SOUTH INDIAN OCEAN. Mw 5.8 (HRV), 5.7 (GS). Moment Tensor (GS): Dep 14; Principal axes (scale 10**17 Nm): (T) Val=3.93, Plg=18, Azm=27; (N) Val=0.00, Plg=71, Azm=227; (P) Val=-3.93, Plg=6, Azm=119; Best double couple: Mo=3.9*10**17 Nm; NP1: Strike=164, Dip=73, Slip=9; NP2: Strike=71, Dip=82, Slip=163. Centroid, Moment Tensor (HRV): Centroid origin time 11:34:02.1; Lat 13.94 S; Lon 97.47 E; Dep 15.0 Fix; Half-duration 2.0 sec; Principal axes (scale 10**17 Nm): (T) Val=4.98, Plg=0, Azm=212; (N) Val=-0.07, Plg=90, Azm=180; (P) Val=-4.91, Plg=0, Azm=122; Best double couple: Mo=4.9*10**17 Nm; NP1: Strike=257, Dip=90, Slip=-180; NP2: Strike=347, Dip=90, Slip=0.
20	12	19	14.6*	14.122	S	97.437	E	10 G			0.5	107	9	SOUTH INDIAN OCEAN
20	12	19	32.1?	13.49	S	97.61	E	10 G	4.6		0.9	206	9	SOUTH INDIAN OCEAN
20	12	54	20.1	4.908	S	102.179	E	33 N	5.1	4.6	1.0	57	68	SOUTHERN SUMATERA, INDONESIA. Mw 5.3 (HRV). Felt (III) at Bengkulu and Kepahiang. Centroid, Moment Tensor (HRV): Centroid origin time 12:54:24.8; Lat 5.22 S; Lon 102.29 E; Dep 60.0; Half-duration 1.0 sec; Principal axes (scale 10**17 Nm): (T) Val=0.77, Plg=17, Azm=64; (N) Val=0.33, Plg=73, Azm=252; (P) Val=-1.10, Plg=2, Azm=155; Best double couple: Mo=9.4*10**16 Nm; NP1: Strike=201, Dip=76, Slip=11; NP2: Strike=108, Dip=80, Slip=166.
20	13	29	12.8*	10.803	N	62.447	W	91 *	3.6		1.2	203	16	NEAR COAST OF VENEZUELA. MD 4.1 (FDF), 3.7 (TRN).
20	13	56	53.6*	47.412	N	12.056	E	10 G			1.3	132	8	AUSTRIA. ML 2.2 (VIE).
20	14	14	41.5	51.143	N	15.816	E	5 G			0.8	192	9	POLAND. ML 2.7 (CLL), 2.6 (BRG).
20	14	44	45.6&	38.710	S	175.770	E	150					8	NORTH ISLAND, NEW ZEALAND. <WEL>.
20	15	26	27.7	30.693	N	141.450	E	33 N	4.7		1.2	127	62	SOUTHEAST OF HONSHU, JAPAN
20	15	28	08.7*	35.304	N	77.403	E	33 N	4.4		1.3	95	17	EASTERN KASHMIR
20	16	10	23.2&	60.319	N	152.589	W	100					61	SOUTHERN ALASKA. <AEIC>.
20	16	17	20.6*	21.627	N	143.193	E	313 *	4.0		1.0	79	22	MARIANA ISLANDS REGION
20	16	30	09.4	51.630	N	16.125	E	5 G	4.0		1.1	78	36	POLAND. ML 3.8 (GRF), 3.8 (VIE), 3.6 (FUR).
20	16	51	04.8&	60.215	N	153.311	W	134					38	SOUTHERN ALASKA. <AEIC>.
20	16	59	09.7*	32.456	N	137.936	E	364	4.0		0.9	133	30	SOUTHEAST OF HONSHU, JAPAN
20	17	10	34.5&	39.464	N	27.881	E	15					11	TURKEY. <ISK>. MD 3.7 (ISK).
20	17	19	15.8*	44.346	N	149.100	E	33 N			1.2	135	17	KURIL ISLANDS
20	17	41	10.1&	38.850	S	175.760	E	5					4	NORTH ISLAND, NEW ZEALAND. <WEL>. ML 1.8 (WEL).
20	17	55	46.0&	40.690	N	109.310	W	1					15	UTAH. <SLC-P>. ML 3.0 (SLC).
20	18	51	57.1&	60.499	N	152.413	W	96					60	SOUTHERN ALASKA. <AEIC>.
20	19	23	51.3	46.522	N	10.347	E	10 G			1.0	198	10	NORTHERN ITALY. ML 2.1 (VIE).
20	19	59	08.4	52.330	N	173.340	W	55 D	4.6		0.9	107	46	ANDREANOF ISLANDS, ALEUTIAN IS.
20	20	22	48.8&	62.923	N	150.241	W	134					29	CENTRAL ALASKA. <AEIC>.
20	20	31	44.2*	36.076	N	21.992	E	33 N	3.9		1.2	123	10	SOUTHERN GREECE
20	21	10	23.2&	34.841	N	116.402	W	5					12	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
20	21	31	43.3&	45.201	N	6.381	E	10					5	FRANCE. <GEN>. ML 2.0 (GEN).
20	21	56	30.2*	4.542	S	102.163	E	33 N	4.9		1.0	117	44	SOUTHERN SUMATERA, INDONESIA
20	22	17	46.4&	37.976	N	1.260	W	0 G					6	SPAIN. <MDD>. mbLg 2.0 (MDD).
20	22	20	48.1&	39.290	S	175.160	E	12					7	NORTH ISLAND, NEW ZEALAND. <WEL>. ML 3.0 (WEL).
20	22	57	47.5&	16.356	N	61.486	W	58					7	LEEWARD ISLANDS. <FDF>. MG 3.0 (FDF).
20	23	53	06.5*	4.576	S	101.921	E	33 N	4.5		1.1	80	28	SOUTHERN SUMATERA, INDONESIA. Felt (III) at Bengkulu.
21	00	43	26.8&	33.896	S	70.346	W	111					10	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.6 (GUC).
21	00	48	16.4*	36.665	N	70.691	E	93 ?	4.7		1.1	73	18	HINDU KUSH REGION, AFGHANISTAN
21	00	51	46.8	63.980	N	20.758	W	10 G	6.1	6.6	0.9	18	351	ICELAND. Mw 6.5 (HRV), 6.4 (GS), 6.4 (CSEM). Me 6.8 (GS). About 12 houses destroyed and 24 severely damaged in the Grimsnes region. Water pipes damaged in the Selfoss-Eyrarbakki-Stokkseyri area. Felt in southwestern Iceland and as far north as Isafjordur. Broadband Source Parameters (GS): Dep 8; NP1: Strike=2, Dip=85, Slip=178; NP2: Strike=92, Dip=88, Slip=5; Radiated energy 3.0*10**14 Nm. Moment Tensor (GS): Dep 14; Principal axes (scale 10**18 Nm): (T) Val=5.21, Plg=12, Azm=312; (N) Val=-0.51, Plg=77, Azm=118; (P) Val=-4.70, Plg=3, Azm=222; Best double couple: Mo=5.0*10**18 Nm; NP1: Strike=356, Dip=79, Slip=173; NP2: Strike=88, Dip=84, Slip=11. Centroid, Moment Tensor (HRV): Centroid origin time 00:51:54.8; Lat 63.98 N; Lon 20.85 W; Dep 15.0 Bdy; Half-duration 4.2 sec; Principal axes (scale 10**18 Nm): (T) Val=5.74, Plg=6, Azm=136; (N) Val=-0.60, Plg=76, Azm=21; (P) Val=-5.14, Plg=12, Azm=227; Best double couple: Mo=5.4*10**18 Nm; NP1: Strike=271, Dip=77, Slip=-5; NP2: Strike=2, Dip=85, Slip=-167. Moment Tensor (CSEM): Dep 10; Principal axes: (T) Plg=0, Azm=313; (N) Plg=83, Azm=43; (P) Plg=7, Azm=223; Best double couple: Mo=4.3*10**18 Nm; NP1: Strike=358, Dip=85, Slip=-175; NP2: Strike=268, Dip=85, Slip=-5.
21	01	31	34.5&	32.692	S	70.829	W	85					9	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.6 (GUC).
21	02	09	08.6?	39.83	N	20.33	E	77 ?			1.5	227	20	GREECE-ALBANIA BORDER REGION
21	02	15	55.6*	49.656	N	19.262	E	5 G			1.2	211	6	POLAND. ML 3.0 (VIE).
21	03	39	28.0&	41.980	S	174.050	E	16					10	COOK STRAIT, NEW ZEALAND. <WEL>. ML 3.3 (WEL).

21	04	26	21.1?	5.64	S	148.03	E	74 ?	4.6	0.8	169	7	NEW BRITAIN REGION, P.N.G.
21	04	45	54.6*	5.710	S	101.601	E	33 N	4.8 4.4	1.1	94	33	SOUTHWEST OF SUMATERA, INDONESIA
21	06	35	51.8&	37.961	N	1.303	W	0 G				6	SPAIN. <MDD>. mbLg 2.0 (MDD).
21	07	11	37.4*	45.788	S	75.443	W	33 N	4.5 4.2	0.9	133	20	OFF COAST OF SOUTHERN CHILE
21	07	35	20.4*	9.283	N	125.882	E	33 N	4.0	1.4	130	10	MINDANAO, PHILIPPINES
21	07	58	59.3	46.401	N	12.982	E	10 G		1.2	170	12	NORTHERN ITALY. ML 2.6 (VIE), 2.2 (LJU).
21	08	36	16.2*	13.344	S	97.638	E	10 G	4.9 4.2	1.1	66	30	SOUTH INDIAN OCEAN
21	08	51	35.8&	58.225	N	151.411	W	51				15	KODIAK ISLAND REGION, ALASKA. <AEIC>. ML 3.1 (AEIC), 3.7 (PMR).
21	08	57	42.4&	28.140	N	16.068	W	35				6	CANARY ISLANDS, SPAIN REGION. <MDD>.
21	11	46	42.4?	7.96	S	107.24	E	33 N	4.4	1.3	150	8	JAWA, INDONESIA
21	12	06	34.5&	32.611	S	71.747	W	15				9	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.8 (GUC).
21	14	11	42.2*	52.150	N	171.173	W	33 N		0.9	178	12	FOX ISLANDS, ALEUTIAN ISLANDS
21	14	17	57.0	26.462	S	70.674	W	33 N	4.9	1.0	101	91	NEAR COAST OF NORTHERN CHILE. Felt (IV) at Chanaral, Copiapo and Diego de Almagro; (III) at El Salvador, Inca de Oro, Los Loros, Paipote and Tierra Amarilla; (II) at Caldera.
21	14	56	25.0	70.787	N	13.594	W	10 G	5.0 4.8	0.9	91	144	JAN MAYEN ISLAND REGION. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 14:56:30.6; Lat 71.05 N; Lon 13.77 W; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=6.84, Plg=0, Azm=152; (N) Val=-1.52, Plg=90, Azm=180; (P) Val=-5.32, Plg=0, Azm=62; Best double couple: Mo=6.1*10**16 Nm; NP1: Strike=197, Dip=90, Slip=-180; NP2: Strike=287, Dip=90, Slip=0.
21	15	19	40.7&	38.710	S	177.180	E	55				6	NORTH ISLAND, NEW ZEALAND. <WEL>.
21	15	23	34.1*	52.332	N	173.907	W	154 *	4.1	0.9	139	18	ANDREANOF ISLANDS, ALEUTIAN IS.
21	15	43	08.3&	34.336	S	70.654	W	109				8	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.6 (GUC).
21	16	11	19.3?	30.58	N	79.20	E	33 N	3.5	0.6	141	5	WESTERN XIZANG-INDIA BORDER REG.
21	16	25	06.3	14.112	N	144.962	E	112 D	5.7	1.1	25	207	MARIANA ISLANDS. Mw 5.9 (GS), 5.9 (HRV). Felt at Agana, Andersen AFB and Yigo, Guam. Also felt on Saipan. Moment Tensor (GS): Dep 115; Principal axes (scale 10**17 Nm): (T) Val=8.39, Plg=25, Azm=36; (N) Val=0.01, Plg=52, Azm=270; (P) Val=-8.40, Plg=27, Azm=140; Best double couple: Mo=8.4*10**17 Nm; NP1: Strike=178, Dip=52, Slip=-1; NP2: Strike=268, Dip=89, Slip=-142. Centroid, Moment Tensor (HRV): Centroid origin time 16:25:11.7; Lat 13.92 N; Lon 144.98 E; Dep 121.9; Half-duration 2.4 sec; Principal axes (scale 10**17 Nm): (T) Val=9.31, Plg=30, Azm=27; (N) Val=-0.75, Plg=37, Azm=272; (P) Val=-8.56, Plg=38, Azm=144; Best double couple: Mo=8.9*10**17 Nm; NP1: Strike=171, Dip=38, Slip=-8; NP2: Strike=268, Dip=85, Slip=-128.
21	16	25	17.9*	23.741	S	179.262	E	532 ?	4.3	0.9	76	41	SOUTH OF FIJI ISLANDS
21	16	42	49.1&	36.914	N	8.353	W	0				12	WEST OF GIBRALTAR. <MDD>. mbLg 2.5 (MDD).
21	17	02	44.5&	39.361	N	28.897	E	15				8	TURKEY. <ISK>. MD 3.0 (ISK).
21	17	19	28.2&	37.794	N	29.327	E	15				5	TURKEY. <ISK>. MD 3.3 (ISK).
21	18	27	32.2&	37.704	N	29.349	E	16				5	TURKEY. <ISK>. MD 3.3 (ISK).
21	18	28	04.4	27.882	S	176.383	W	33 N	5.0 5.0	1.0	76	70	KERMADEC ISLANDS REGION. Mw 5.5 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 18:28:08.3; Lat 28.09 S; Lon 176.64 W; Dep 15.0 Fix; Half-duration 1.1 sec; Principal axes (scale 10**17 Nm): (T) Val=1.60, Plg=48, Azm=283; (N) Val=0.12, Plg=14, Azm=30; (P) Val=-1.72, Plg=38, Azm=131; Best double couple: Mo=1.7*10**17 Nm; NP1: Strike=279, Dip=15, Slip=160; NP2: Strike=28, Dip=85, Slip=76.
21	20	12	21.6*	16.228	S	174.814	W	290 *	3.8	0.7	129	18	TONGA ISLANDS
21	20	12	51.0&	38.102	N	5.511	W	9				6	SPAIN. <MDD>. mbLg 2.0 (MDD).
21	21	03	08.9*	36.201	N	70.556	E	137 ?	4.1	0.9	73	14	HINDU KUSH REGION, AFGHANISTAN
21	21	04	56.0*	46.389	N	15.082	E	10 G		0.2	112	5	NORTHWESTERN BALKAN REGION. ML 1.6 (VIE).
21	21	43	57.4&	36.976	N	118.267	W	9				9	CENTRAL CALIFORNIA. <NC-P>. MD 3.0 (NC). ML 3.0 (BRK).
21	21	57	21.3&	36.977	N	118.255	W	9				9	CENTRAL CALIFORNIA. <NC-P>. MD 2.9 (NC).
21	22	04	55.4&	36.415	N	7.660	W	36				9	STRAIT OF GIBRALTAR. <MDD>.
21	22	08	09.7&	36.830	S	176.820	E	255				8	OFF E. COAST OF N. ISLAND, N.Z. <WEL>.
21	22	42	40.0&	34.148	S	70.462	W	105				7	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 2.2 (GUC).
21	22	47	32.3	46.416	N	15.091	E	10 G		1.0	115	6	NORTHWESTERN BALKAN REGION. ML 1.5 (VIE).
22	00	01	10.0*	13.252	S	97.147	E	10 G	4.5	0.6	97	8	SOUTH INDIAN OCEAN
22	00	02	21.5	13.257	S	97.204	E	10 G	5.2 4.6	0.8	45	47	SOUTH INDIAN OCEAN. Mw 5.0 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 00:02:28.9; Lat 13.24 S; Lon 96.93 E; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=3.83, Plg=60, Azm=211; (N) Val=-0.93, Plg=28, Azm=6; (P) Val=-2.90, Plg=11, Azm=102; Best double couple: Mo=3.4*10**16 Nm; NP1: Strike=222, Dip=42, Slip=134; NP2: Strike=350, Dip=61, Slip=58.
22	00	20	22.5*	13.313	S	97.271	E	10 G	4.4	0.6	73	13	SOUTH INDIAN OCEAN
22	00	28	33.1	2.515	N	128.378	E	63 D	4.9	1.1	107	24	HALMAHERA, INDONESIA
22	01	46	12.9*	4.188	S	80.730	W	33 N		0.7	96	14	PERU-ECUADOR BORDER REGION
22	03	48	01.3*	71.186	N	12.918	W	10 G		1.1	155	6	JAN MAYEN ISLAND REGION
22	04	03	51.7*	24.640	N	127.592	E	33 N	4.3	1.1	126	19	SOUTHEAST OF RYUKYU ISLANDS
22	04	20	16.6&	32.564	S	71.743	W	15				9	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.8 (GUC).
22	05	30	42.2	37.898	N	118.205	W	5 G		0.7	68	9	CALIFORNIA-NEVADA BORDER REGION. ML 3.0 (GS).
22	05	33	24.7*	22.873	N	144.313	E	33 N	4.5	1.1	113	21	VOLCANO ISLANDS, JAPAN REGION
22	05	42	06.9*	85.180	N	91.798	E	10 G	4.1	1.3	111	8	NORTH OF SEVERNAYA ZEMLYA
22	05	57	47.3*	6.754	S	153.714	E	33 N	4.0	0.6	181	9	NEW BRITAIN REGION, P.N.G.
22	06	05	34.3*	62.196	S	165.215	E	10 G	4.6 4.6	0.7	135	12	BALLENY ISLANDS REGION
22	06	32	22.0&	37.830	N	118.230	W	7				19	CALIFORNIA-NEVADA BORDER REGION. <NC-P>. ML 3.3 (NC), 3.2 (BRK).
22	06	52	40.0*	3.533	S	131.002	E	33 N	4.2	1.3	135	15	IRIAN JAYA REGION, INDONESIA
22	06	57	36.9&	36.856	N	121.324	W	5				15	CENTRAL CALIFORNIA. <NC-P>. MD 3.0 (NC). ML 3.0 (BRK).
22	07	25	58.3&	41.040	S	175.420	E	28				10	NORTH ISLAND, NEW ZEALAND. <WEL>. ML 3.5 (WEL).
22	07	43	02.9*	15.366	S	167.665	E	33 N	4.5	0.5	162	8	VANUATU ISLANDS

22	11	00	46.3%	46.754	N	12.774	E	10	G		0.1	193	6	NORTHERN ITALY. ML 2.2 (VIE).
22	11	21	09.4	15.868	S	174.167	W	145	D	4.7	0.9	118	50	TONGA ISLANDS
22	11	34	48.0&	48.310	N	9.040	E	10	G				5	GERMANY. <FBB>. ML 1.7 (FBB).
22	11	36	29.4	36.750	N	135.480	E	27		4.7	1.1	63	61	SEA OF JAPAN. Recorded (2 JMA) in parts of Fukui and Ishikawa Prefectures, Honshu.
22	12	14	08.8	21.357	S	66.504	W	224		4.5	1.1	106	58	SOUTHERN BOLIVIA
22	12	16	31.6	43.301	N	12.480	E	10	G	4.8	1.1	101	160	CENTRAL ITALY. ML 4.7 (FUR), 4.6 (VIE). Felt (VI) at Assisi, Foligno and Perugia. Also felt at Florence.
22	12	27	14.6	5.715	S	101.623	E	33	N	4.9	0.9	86	32	SOUTHWEST OF SUMATERA, INDONESIA
22	12	44	03.1	57.101	N	163.120	E	22	*	5.1 4.2	0.8	78	136	NEAR EAST COAST OF KAMCHATKA
22	13	32	55.9*	5.479	S	103.242	E	33	N	4.2	0.6	216	12	SOUTHERN SUMATERA, INDONESIA
22	14	58	24.1*	20.792	S	179.451	W	450	G	3.9	0.5	177	12	FIJI ISLANDS REGION
22	15	11	16.6*	46.442	N	15.108	E	10	G		1.1	112	5	NORTHWESTERN BALKAN REGION. ML 2.1 (VIE).
22	15	22	05.2	16.836	N	100.421	W	49		4.3	0.9	152	53	NEAR COAST OF GUERRERO, MEXICO. MD 4.7 (UNM).
22	15	54	21.9	4.843	S	101.839	E	33	N	5.0 4.2	0.8	67	45	SOUTHERN SUMATERA, INDONESIA. Felt (II) at Bengkulu.
22	16	01	06.4*	4.794	S	101.813	E	33	N	4.9 4.2	1.0	123	18	SOUTHERN SUMATERA, INDONESIA
22	16	22	30.8&	39.080	N	26.757	E	6					5	TURKEY. <ISK>. MD 3.2 (ISK).
22	17	00	10.8*	21.159	N	146.921	E	33	N	4.0	1.0	144	10	MARIANA ISLANDS REGION
22	17	49	28.4*	10.811	N	85.993	W	120	G	4.2	1.0	121	27	COSTA RICA
22	17	49	46.1	31.245	N	133.485	E	33	N	4.4	1.2	123	24	SOUTHEAST OF SHIKOKU, JAPAN
22	18	13	56.3*	36.862	S	144.624	E	10	G		1.8	196	5	VICTORIA, AUSTRALIA. ML 3.3 (AUST).
22	18	15	01.7&	36.395	N	3.007	W	0	G				8	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.1 (MDD).
22	18	35	12.5?	4.37	S	102.34	E	33	N	4.2	1.0	200	13	SOUTHERN SUMATERA, INDONESIA
22	18	57	56.6*	4.487	S	12.252	W	10	G	4.8	0.9	114	23	NORTH OF ASCENSION ISLAND
22	19	22	09.1	5.442	S	102.198	E	33	N	4.9 4.1	0.7	80	30	SOUTHERN SUMATERA, INDONESIA
22	20	09	53.8	46.631	N	7.811	E	10	G		1.0	122	12	SWITZERLAND. ML 2.4 (VIE), 2.4 (FBB).
22	21	06	25.6&	36.051	N	117.660	W	2					12	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 2.9 (PAS).
22	23	44	13.6?	6.77	S	143.69	E	33	N	4.3	0.9	156	7	NEW GUINEA, PAPUA NEW GUINEA
23	00	44	38.3*	5.736	N	126.574	E	98	*	4.7	1.0	137	16	MINDANAO, PHILIPPINES
23	00	48	55.5*	36.267	S	178.589	E	126	*	4.3	0.8	159	19	OFF E. COAST OF N. ISLAND, N.Z.
23	00	53	36.6*	55.587	S	143.925	W	10	G	4.6	1.1	69	14	PACIFIC-ANTARCTIC RIDGE
23	01	13	56.3&	35.439	N	31.205	E	10	G	3.8 3.4			25	CYPRUS REGION. <ISK>. ML 3.9 (CSS). MD 3.8 (ISK).
23	01	18	15.4?	5.09	N	126.07	E	92	?	3.9	0.8	167	9	MINDANAO, PHILIPPINES
23	01	30	21.6*	40.456	N	138.754	E	24	D	3.8	0.2	152	6	EASTERN SEA OF JAPAN
23	01	42	23.3&	41.590	S	174.420	E	17					8	COOK STRAIT, NEW ZEALAND. <WEL>. ML 4.5 (WEL). Felt at Gracefield on the North Island.
23	01	59	11.7*	4.421	S	102.145	E	33	N	4.1	1.0	104	19	SOUTHERN SUMATERA, INDONESIA
23	02	41	07.5*	35.525	N	77.423	E	33	N	4.0	1.3	113	13	EASTERN KASHMIR
23	02	57	03.5	51.564	N	16.331	E	5	G		0.9	105	12	POLAND. ML 3.2 (VIE).
23	03	12	22.7*	17.964	S	179.324	W	575	?	4.4	1.1	118	29	FIJI ISLANDS REGION
23	04	56	00.9*	4.873	N	126.221	E	75	*	4.4	1.2	133	14	TALAUD ISLANDS, INDONESIA
23	05	01	54.4	1.279	N	126.266	E	65		6.0 5.1	1.0	35	213	NORTHERN MOLUCCA SEA. Mw 5.8 (GS), 5.7 (HRV). Felt (III) at Bitung, Manado and Tondano, Indonesia. Moment Tensor (GS): Dep 45; Principal axes (scale 10**17 Nm): (T) Val=4.41, Plg=85, Azm=209; (N) Val=0.93, Plg=5, Azm=7; (P) Val=-5.34, Plg=2, Azm=97; Best double couple: Mo=4.9*10**17 Nm; NP1: Strike=192, Dip=43, Slip=97; NP2: Strike=3, Dip=47, Slip=84. Centroid, Moment Tensor (HRV): Centroid origin time 05:01:58.6; Lat 1.56 N; Lon 126.42 E; Dep 42.7; Half-duration 1.8 sec; Principal axes (scale 10**17 Nm): (T) Val=4.58, Plg=79, Azm=11; (N) Val=0.01, Plg=10, Azm=217; (P) Val=-4.59, Plg=5, Azm=126; Best double couple: Mo=4.6*10**17 Nm; NP1: Strike=205, Dip=41, Slip=75; NP2: Strike=45, Dip=51, Slip=103.
23	05	05	01.8	5.005	S	153.674	E	33	N	5.5	0.9	82	55	NEW IRELAND REGION, P.N.G.
23	05	30	30.8&	17.297	N	101.192	W	12					11	NEAR COAST OF GUERRERO, MEXICO. <UNM>. MD 3.9 (UNM).
23	05	41	52.6&	16.249	N	99.159	W	16					6	NEAR COAST OF GUERRERO, MEXICO. <UNM>. MD 3.6 (UNM).
23	05	51	03.4&	39.240	S	175.240	E	12					10	NORTH ISLAND, NEW ZEALAND. <WEL>. ML 3.4 (WEL).
23	05	59	02.7&	32.919	S	70.186	W	113					15	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.8 (GUC).
23	06	15	12.4	30.162	N	51.649	E	33	N	5.0 4.5	1.2	51	115	NORTHERN AND CENTRAL IRAN. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 06:15:12.5; Lat 29.93 N; Lon 51.25 E; Dep 33.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=6.56, Plg=14, Azm=137; (N) Val=-0.88, Plg=74, Azm=291; (P) Val=-5.67, Plg=7, Azm=45; Best double couple: Mo=6.1*10**16 Nm; NP1: Strike=180, Dip=75, Slip=175; NP2: Strike=272, Dip=85, Slip=15.
23	06	56	34.6*	5.898	S	147.666	E	60	?	4.5	0.6	123	13	EASTERN NEW GUINEA REG., P.N.G.
23	07	43	47.0&	33.089	S	72.077	W	6					8	OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.7 (GUC).
23	08	26	50.1?	36.44	N	140.84	E	63	?		1.5	134	8	NEAR EAST COAST OF HONSHU, JAPAN. Recorded (2 JMA) in Ibaraki and (1 JMA) in parts of Fukushima and Tochigi Prefectures.
23	08	45	34.7%	10.066	N	122.348	E	33	N		0.5	165	6	PANAY, PHILIPPINES
23	08	54	54.0&	19.411	N	65.194	W	76					8	PUERTO RICO REGION. <RSPR>. MD 3.6 (RSPR).
23	10	34	37.4&	36.781	N	2.987	W	0	G				8	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.6 (MDD).
23	10	42	16.0&	37.840	N	118.220	W	7					21	CALIFORNIA-NEVADA BORDER REGION. <NC-P>. MD 2.8 (NC).
23	11	23	19.2?	4.90	S	102.05	E	33	N		0.7	221	7	SOUTHERN SUMATERA, INDONESIA
23	12	01	47.6&	37.929	N	1.253	W	0	G				6	SPAIN. <MDD>. mbLg 2.2 (MDD).
23	12	31	17.0*	13.357	N	144.585	E	150	*	4.2	1.0	132	14	MARIANA ISLANDS
23	13	02	45.9&	44.123	N	8.321	E	5					4	NORTHERN ITALY. <GEN>. ML 1.8 (GEN).
23	13	53	44.7?	4.93	S	150.71	E	259	*		1.4	133	7	NEW BRITAIN REGION, P.N.G.
23	13	55	21.0&	38.730	N	119.650	W	8					25	CALIFORNIA-NEVADA BORDER REGION. <NC-P>. ML 3.6 (NC), 3.5 (BRK). Felt at Markleeville, California and in the Gardnerville-Minden area, Nevada.
23	14	02	32.0&	38.731	N	119.660	W	3					32	CALIFORNIA-NEVADA BORDER REGION. <NC-P>. ML 3.9 (NC), 3.8 (BRK). Felt at Markleeville, California and in the Gardnerville-Minden area, Nevada.
23	14	09	22.1&	39.190	S	175.440	E	13					8	NORTH ISLAND, NEW ZEALAND. <WEL>. ML 3.0 (WEL).
23	14	23	45.8&	43.780	N	7.630	E	2	G				6	NEAR SOUTH COAST OF FRANCE. <STR>. ML 2.0 (STR).
23	15	04	50.2&	33.606	S	70.415	W	95					8	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.0 (GUC).
23	15	15	39.5&	39.300	S	175.140	E	154					11	NORTH ISLAND, NEW ZEALAND. <WEL>.
23	16	01	24.7*	5.295	S	102.659	E	33	N	4.7 4.4	1.0	195	19	SOUTHERN SUMATERA, INDONESIA

23	17	01	15.7?	33.19	N	140.06	E	154	?		1.3	135	8 SOUTHEAST OF HONSHU, JAPAN
23	17	25	11.5&	36.711	N	3.012	W	0	G				6 STRAIT OF GIBRALTAR. <MDD>. mbLg 2.3 (MDD).
23	17	45	03.5&	63.200	N	150.543	W	130					8 CENTRAL ALASKA. <AEIC>.
23	18	08	50.1*	5.219	N	126.156	E	109	*	3.8	0.6	155	10 MINDANAO, PHILIPPINES
23	19	19	46.2*	33.300	S	179.339	E	265	?		0.6	89	15 SOUTH OF KERMADEC ISLANDS
23	19	47	32.6*	32.844	N	60.204	E	33	N	3.7	1.2	177	9 NORTHERN AND CENTRAL IRAN
23	20	10	42.7&	35.509	N	116.263	W	6	G				11 CENTRAL CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
23	21	07	28.2&	36.964	N	5.561	W	4					7 STRAIT OF GIBRALTAR. <MDD>. mbLg 1.9 (MDD).
23	21	46	39.4&	32.590	S	71.964	W	23					8 NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.6 (GUC).
23	21	52	34.0&	47.880	N	9.190	E	15					15 GERMANY. <FBB>. ML 2.6 (VIE), 2.0 (FBB), 2.0 (STR).
23	21	57	54.9%	16.810	N	120.485	E	33	N		1.2	189	5 LUZON, PHILIPPINES
23	22	04	35.7*	45.514	N	15.928	E	10	G		1.0	260	10 NORTHWESTERN BALKAN REGION. ML 2.5 (ZAG), 2.3 (VIE).
23	22	17	18.9	51.658	N	16.227	E	5	G		0.6	96	19 POLAND. ML 3.4 (VIE), 2.9 (GRF).
23	23	09	13.2*	5.072	S	102.169	E	33	N	4.5	0.9	79	14 SOUTHERN SUMATERA, INDONESIA
23	23	15	52.2?	36.59	N	71.49	E	114	?	3.9	1.3	117	10 AFGHANISTAN-TAJIKISTAN BORD REG.
24	00	11	22.6&	35.336	S	72.624	W	24					7 NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.7 (GUC).
24	00	55	44.4*	31.831	N	50.923	E	54	?	4.5	1.2	91	34 NORTHERN AND CENTRAL IRAN
24	01	52	00.6&	35.494	N	4.046	W	0	G				8 STRAIT OF GIBRALTAR. <MDD>. mbLg 2.2 (MDD).
24	02	22	48.6&	18.083	N	65.726	W	4					8 PUERTO RICO REGION. <RSPR>. ML 3.2 (RSPR).
24	02	42	33.4*	30.456	S	118.366	E	10	G		1.4	97	7 WESTERN AUSTRALIA. ML 2.5 (AUST).
24	02	58	57.2&	39.670	S	174.400	E	206					11 NORTH ISLAND, NEW ZEALAND. <WEL>.
24	03	15	00.3*	50.551	N	13.660	E	5	G		0.6	149	5 CZECH AND SLOVAK REPUBLICS
24	03	34	25.8*	12.496	N	142.665	E	24	D	4.5	0.9	112	15 SOUTH OF MARIANA ISLANDS
24	03	45	01.7*	50.586	N	13.729	E	5	G		0.6	113	5 CZECH AND SLOVAK REPUBLICS. ML 1.9 (CLL).
24	03	47	32.4*	53.356	N	162.382	E	42	D		1.2	178	13 OFF EAST COAST OF KAMCHATKA
24	03	55	59.3	35.457	N	77.522	E	33	N	3.8	0.7	79	11 EASTERN KASHMIR
24	04	28	27.4&	33.778	S	72.013	W	30					8 OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.5 (GUC).
24	04	51	00.6	37.456	N	118.774	W	5	G		0.6	66	12 CALIFORNIA-NEVADA BORDER REGION. ML 3.0 (NC).
24	05	45	59.0&	16.620	N	95.004	W	86					5 OAXACA, MEXICO. <UNM>. MD 3.9 (UNM).
24	06	23	29.0*	2.458	N	126.498	E	63	*	4.4	1.2	134	19 NORTHERN MOLUCCA SEA
24	06	34	40.9&	38.803	N	0.876	W	3					6 SPAIN. <MDD>. mbLg 2.2 (MDD).
24	06	46	21.5*	19.855	S	177.771	W	410	?	4.4	0.8	118	34 FIJI ISLANDS REGION
24	06	59	02.0	17.366	S	167.749	E	33	N	4.7 4.5	0.9	131	41 VANUATU ISLANDS
24	07	20	15.9*	20.454	S	177.773	W	499	?	4.0	0.9	122	24 FIJI ISLANDS REGION
24	08	26	53.7?	59.28	S	24.65	W	33	N	4.2	1.6	110	11 SOUTH SANDWICH ISLANDS REGION
24	08	31	54.0&	38.630	S	175.780	E	288					6 NORTH ISLAND, NEW ZEALAND. <WEL>.
24	08	52	50.6?	51.28	N	175.18	E	33	N	4.0	1.0	255	14 RAT ISLANDS, ALEUTIAN ISLANDS
24	08	58	18.9	3.170	S	129.874	E	33	N	4.7	1.1	134	22 SERAM, INDONESIA
24	09	26	23.5	17.563	S	167.908	E	33	N	4.7 4.8	1.2	105	51 VANUATU ISLANDS. Mw 5.2 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 09:26:27.4; Lat 17.56 S Fix; Lon 167.91 E Fix; Dep 16.8; Half-duration 1.1 sec; Principal axes (scale 10**16 Nm): (T) Val=8.55, Plg=61, Azm=55; (N) Val=-0.84, Plg=6, Azm=155; (P) Val=-7.71, Plg=29, Azm=248; Best double couple: Mo=8.1*10**16 Nm; NP1: Strike=354, Dip=17, Slip=109; NP2: Strike=154, Dip=74, Slip=84.
24	09	54	57.2*	13.796	N	91.901	W	33	N	4.1	0.9	273	29 NEAR COAST OF GUATEMALA. MD 4.1 (UNM).
24	11	04	17.3&	38.766	N	122.690	W	1					27 NORTHERN CALIFORNIA. <NC-P>. MD 3.2 (NC). ML 3.4 (BRK).
24	11	04	27.9*	41.958	N	139.096	E	206	*	3.8	0.5	134	13 HOKKAIDO, JAPAN REGION
24	11	27	47.1*	8.556	N	126.973	E	33	N		1.3	188	9 MINDANAO, PHILIPPINES
24	12	08	32.0	5.685	S	146.538	E	74	*	4.3	0.5	93	17 EASTERN NEW GUINEA REG., P.N.G.
24	12	37	12.4	13.651	N	51.532	E	10	G	5.2 4.5	0.9	61	109 EASTERN GULF OF ADEN. Mw 5.3 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 12:37:13.6; Lat 13.52 N; Lon 51.32 E; Dep 15.0 Fix; Half-duration 1.2 sec; Principal axes (scale 10**17 Nm): (T) Val=1.20, Plg=16, Azm=162; (N) Val=-0.16, Plg=70, Azm=304; (P) Val=-1.04, Plg=12, Azm=69; Best double couple: Mo=1.1*10**17 Nm; NP1: Strike=205, Dip=70, Slip=177; NP2: Strike=296, Dip=87, Slip=20.
24	12	55	53.1?	3.31	S	143.52	E	33	N	3.9	1.1	138	6 NEAR N COAST OF NEW GUINEA, PNG.
24	13	23	22.0&	13.880	N	92.570	W	22		4.2			30 OFF COAST OF CHIAPAS, MEXICO. <UNM>. MD 4.2 (UNM).
24	13	33	08.3&	17.952	N	65.730	W	10					5 PUERTO RICO REGION. <RSPR>. MD 2.9 (RSPR).
24	13	36	35.7	35.323	N	77.489	E	58	?	4.4	1.1	62	25 EASTERN KASHMIR
24	13	50	51.8?	2.24	S	133.60	E	33	N	3.9	1.1	188	7 IRIAN JAYA REGION, INDONESIA
24	14	04	40.5&	34.835	N	116.385	W	4					10 SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
24	14	11	18.0	4.356	S	102.869	E	99	*	4.8	0.8	50	56 SOUTHERN SUMATERA, INDONESIA. Felt (II) at Bengkulu.
24	15	28	53.0*	29.409	S	67.609	W	33	N		0.2	180	5 LA RIOJA PROVINCE, ARGENTINA
24	15	56	53.8&	43.160	N	0.900	W	5	G				10 PYRENEES. <STR>. mbLg 2.5 (MDD). ML 2.3 (STR).
24	17	25	44.3*	24.187	S	66.941	W	195	*	4.2	1.0	116	32 SALTA PROVINCE, ARGENTINA
24	18	34	23.7*	2.207	S	133.790	E	33	N	3.9	1.1	141	9 IRIAN JAYA REGION, INDONESIA
24	19	50	41.4*	5.298	S	145.975	E	71	?	4.2	0.3	140	8 EASTERN NEW GUINEA REG., P.N.G.
24	19	53	29.0&	39.670	N	120.300	W	4					6 NORTHERN CALIFORNIA. <NC-P>. MD 2.9 (NC).
24	20	16	18.4	5.412	S	147.010	E	224		4.5	0.7	69	39 EASTERN NEW GUINEA REG., P.N.G.
24	21	11	28.5*	41.345	N	141.747	E	84	*	4.9	1.1	140	14 HOKKAIDO, JAPAN REGION. Felt at Misawa, Honshu. Recorded (1 JMA) in eastern Aomori and northern Iwate Prefectures, Honshu.
24	22	21	18.5*	28.500	S	62.657	E	10	G	4.2	1.2	80	11 SOUTHWEST INDIAN RIDGE
24	22	26	11.1	35.981	N	22.048	E	33	N	3.8	1.2	70	16 CENTRAL MEDITERRANEAN SEA
24	22	35	24.0?	5.01	S	102.31	E	33	N	4.5	1.2	201	18 SOUTHERN SUMATERA, INDONESIA
24	23	00	06.7&	33.326	S	71.247	W	49					8 NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.8 (GUC).
24	23	16	17.3?	28.28	S	74.23	E	10	G	3.9	0.8	126	7 MID-INDIAN RIDGE
24	23	45	01.5*	56.768	S	25.213	W	33	N	4.5	0.8	115	17 SOUTH SANDWICH ISLANDS REGION
25	00	00	25.2*	6.456	S	143.305	E	33	N	4.7 4.4	1.5	102	21 NEW GUINEA, PAPUA NEW GUINEA
25	00	04	28.4*	35.285	N	77.532	E	69	?	3.9	1.1	131	10 EASTERN KASHMIR
25	00	12	42.5&	59.288	N	152.860	W	73					24 SOUTHERN ALASKA. <AEIC>.
25	01	17	36.6&	42.844	N	2.872	W	0	G				11 SPAIN. <MDD>. mbLg 2.3 (MDD).
25	02	01	09.1	3.346	N	126.965	E	85	*	4.9	1.0	94	43 TALAUD ISLANDS, INDONESIA
25	02	22	12.2	50.442	N	143.543	E	33	N		0.8	130	12 SAKHALIN ISLAND, RUSSIA
25	02	27	02.8	47.818	N	17.664	E	10	G		0.8	139	9 HUNGARY. ML 2.6 (VIE).
25	03	31	07.6?	4.27	S	27.86	E	10	G	3.8	0.2	147	4 DEMOCRATIC REPUBLIC OF CONGO
25	04	54	12.2*	34.054	N	137.404	E	347	*	3.9	1.3	125	16 NEAR S. COAST OF HONSHU, JAPAN
25	06	34	42.8	31.183	N	131.206	E	10	G	5.8 5.7	1.0	73	282 KYUSHU, JAPAN. Mw 6.0 (GS), 6.0 (HRV). Me 5.7 (GS).

Recorded (4 JMA) in the Kanoya area and (3 JMA) in Miyazaki Prefecture. Also recorded (3 JMA) on Tanega-shima.
Broadband Source Parameters (GS): Radiated energy 8.1*10**12 Nm.
Moment Tensor (GS): Dep 26; Principal axes (scale 10**17 Nm): (T) Val=9.92, Plg=60, Azm=318; (N) Val=0.03, Plg=12, Azm=207; (P) Val=-9.95, Plg=28, Azm=111; Best double couple: Mo=9.9*10**17 Nm; NP1: Strike=173, Dip=20, Slip=54; NP2: Strike=30, Dip=74, Slip=102.
Centroid, Moment Tensor (HRV): Centroid origin time 06:34:50.1; Lat 31.06 N; Lon 131.55 E; Dep 23.0 Fix; Half-duration 2.9 sec; Principal axes (scale 10**18 Nm): (T) Val=1.32, Plg=60, Azm=312; (N) Val=0.02, Plg=6, Azm=212; (P) Val=-1.34, Plg=29, Azm=118; Best double couple: Mo=1.3*10**18 Nm; NP1: Strike=191, Dip=17, Slip=69; NP2: Strike=33, Dip=74, Slip=96.

25	07	23	18.2&	37.125	N	121.527	W	8					29	CENTRAL CALIFORNIA. <NC-P>. MD 3.5 (NC). ML 3.7 (BRK). Felt at Felton, Gilroy and Hayward.
25	07	24	10.3*	31.175	N	131.273	E	10 G	4.9		1.4	124	24	KYUSHU, JAPAN. Recorded (1 JMA) in southern Kyushu.
25	09	09	22.3*	6.249	S	145.953	E	122 ?	4.2		0.9	107	13	NEW GUINEA, PAPUA NEW GUINEA
25	09	39	19.9*	43.608	N	11.440	E	10 G			0.6	267	20	CENTRAL ITALY. ML 3.5 (VIE).
25	10	26	02.7&	19.390	N	65.114	W	66					9	PUERTO RICO REGION. <RSPR>. MD 3.8 (RSPR).
25	11	49	19.8*	37.455	S	94.748	W	10 G	4.6		1.3	146	16	WEST CHILE RISE
25	12	05	04.4	3.170	N	122.565	E	544 *	4.3		0.7	103	19	CELEBES SEA
25	12	25	40.7*	57.026	N	163.160	E	33 N	4.3		0.8	163	11	NEAR EAST COAST OF KAMCHATKA
25	12	31	30.2&	40.980	S	174.190	E	58					11	COOK STRAIT, NEW ZEALAND. <WEL>. ML 3.5 (WEL).
25	13	59	04.4	26.893	S	26.751	E	5 G	4.4		1.5	43	20	SOUTH AFRICA
25	14	12	13.5&	44.640	N	6.771	E	3					6	FRANCE. <GEN>. ML 1.9 (GEN).
25	14	18	25.5%	30.503	S	118.385	E	10 G			1.3	152	5	WESTERN AUSTRALIA
25	15	13	09.2&	46.670	N	7.880	E	5 G					12	SWITZERLAND. <STR>. ML 2.3 (STR), 2.2 (FBB), 2.2 (VIE).
25	16	19	13.7?	4.95	S	102.29	E	33 N	3.9		0.7	221	6	SOUTHERN SUMATERA, INDONESIA
25	16	19	26.1*	15.304	N	119.490	E	33 N	4.2		1.5	122	8	LUZON, PHILIPPINES
25	16	47	16.8&	36.903	N	8.085	W	1					14	WEST OF GIBRALTAR. <MDD>. mbLg 2.6 (MDD).
25	17	02	45.2	47.658	N	13.787	E	5 G			0.9	74	15	AUSTRIA. ML 3.2 (BRG), 2.6 (VIE).
25	17	39	50.7%	45.715	N	26.543	E	120 G			0.2	155	7	ROMANIA
25	18	08	28.2*	30.409	N	141.834	E	10 G	4.6		0.8	127	15	SOUTHEAST OF HONSHU, JAPAN
25	18	25	06.4	12.498	N	142.681	E	33 N	4.8	4.2	1.0	113	37	SOUTH OF MARIANA ISLANDS
25	18	38	30.4*	36.435	N	69.773	E	200 G	3.7		1.1	116	9	HINDU KUSH REGION, AFGHANISTAN
25	19	27	30.1*	31.525	N	69.180	E	33 N	4.2		1.0	128	12	PAKISTAN
25	20	24	49.2	43.822	N	12.992	E	10 G			1.3	187	32	CENTRAL ITALY. ML 4.0 (ZAG), 4.0 (STR), 3.8 (VIE).
25	20	37	47.0?	3.77	S	138.11	E	133 D	4.2		1.1	232	9	IRIAN JAYA, INDONESIA
25	21	18	02.0&	38.182	N	1.078	W	8					21	SPAIN. <MDD>. mbLg 2.7 (MDD). Felt (IV) at Abanilla, Fortuna and Los Banos; (III) at El Partidor; (II) at Barinas.
25	23	25	09.4	36.512	N	24.556	E	105 D	4.4		1.2	60	28	SOUTHERN GREECE
26	00	20	32.3*	37.691	S	178.679	E	100 G			1.1	229	17	OFF E. COAST OF N. ISLAND, N.Z. ML 4.4 (WEL).
26	00	21	19.8&	14.612	N	60.900	W	108					6	WINDWARD ISLANDS. <FDF>. MD 2.8 (FDF).
26	00	22	30.9&	34.802	N	32.923	E	45					6	CYPRUS REGION. <CSS>.
26	00	40	43.3	41.777	N	126.822	W	10 G	3.6		0.7	207	82	OFF COAST OF NORTHERN CALIFORNIA
26	00	43	15.0*	41.804	N	126.949	W	10 G	3.4		0.6	270	16	OFF COAST OF NORTHERN CALIFORNIA
26	01	05	07.1*	39.843	N	73.555	E	33 N			1.0	157	11	TAJIKISTAN-XINJIANG BORDER REG.
26	01	12	42.7&	18.347	N	67.576	W	20					7	MONA PASSAGE. <RSPR>. MD 2.9 (RSPR).
26	01	45	20.9	4.726	S	102.915	E	33 N	4.9		1.0	48	48	SOUTHERN SUMATERA, INDONESIA. Felt (II) at Bengkulu and Kepahiang.
26	02	00	23.6*	52.160	N	165.327	W	33 N			0.5	180	5	SOUTH OF ALEUTIAN ISLANDS
26	02	18	38.9&	17.385	N	94.740	W	219					5	CHIAPAS, MEXICO. <UNM>. MD 4.1 (UNM).
26	02	28	12.0&	40.360	S	175.610	E	0					5	NORTH ISLAND, NEW ZEALAND. <WEL>. ML 2.7 (WEL).
26	02	39	14.7&	36.964	N	5.499	W	3					10	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.1 (MDD).
26	02	39	17.0*	8.039	S	74.279	W	144 ?	3.4		0.4	109	10	PERU-BRAZIL BORDER REGION
26	03	01	26.5*	18.654	S	177.614	W	500 G	3.9		1.0	122	17	FIJI ISLANDS REGION
26	03	03	57.7	29.334	N	142.096	E	33 N	4.6		1.1	127	39	SOUTHEAST OF HONSHU, JAPAN
26	03	04	02.7	41.770	N	126.929	W	10 G	3.1		0.6	208	34	OFF COAST OF NORTHERN CALIFORNIA
26	03	12	16.2	41.832	N	126.882	W	10 G	3.6		1.0	203	62	OFF COAST OF NORTHERN CALIFORNIA
26	03	31	17.2&	58.168	N	155.333	W	0 G					19	ALASKA PENINSULA. <AEIC>. ML 2.5 (AEIC).
26	03	52	03.4*	18.732	N	145.486	E	205 ?	3.9		0.9	134	10	MARIANA ISLANDS
26	03	54	53.3	6.590	N	84.398	W	33 N	4.8	4.6	1.2	71	122	OFF COAST OF CENTRAL AMERICA. ML 4.9 (CASC).
26	03	57	10.8%	45.569	N	26.606	E	10 G			0.8	114	5	ROMANIA
26	04	09	59.4	35.923	N	141.301	E	33 N	4.3		1.2	135	27	NEAR EAST COAST OF HONSHU, JAPAN
26	04	13	53.6&	40.530	S	176.220	E	33 N					6	NORTH ISLAND, NEW ZEALAND. <WEL>. ML 3.1 (WEL).
26	04	22	28.9&	32.774	S	71.561	W	48					9	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.5 (GUC).
26	04	29	27.2&	63.321	N	150.420	W	126					49	CENTRAL ALASKA. <AEIC>.
26	05	05	29.4&	16.231	N	98.051	W	8					6	NEAR COAST OF GUERRERO, MEXICO. <UNM>. MD 3.8 (UNM).
26	05	20	22.8*	38.380	S	93.360	W	10 G	4.6	4.4	0.8	145	21	WEST CHILE RISE
26	05	45	56.0&	20.723	N	99.483	W	14					8	CENTRAL MEXICO. <UNM>. MD 3.4 (UNM).
26	06	12	30.6*	18.354	S	169.210	E	33 N			0.6	140	9	VANUATU ISLANDS
26	07	12	33.1&	32.197	S	71.870	W	14					11	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.1 (GUC).
26	07	14	42.5&	32.227	S	71.790	W	12					8	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.0 (GUC).
26	07	50	16.0&	32.188	S	71.808	W	15					7	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.9 (GUC).
26	07	56	03.0*	41.488	N	142.662	E	33 N	4.5		1.3	134	9	HOKKAIDO, JAPAN REGION
26	08	09	01.2*	5.389	S	133.791	E	33 N	4.6		1.5	123	11	ARU ISLANDS REGION, INDONESIA
26	09	08	01.2	54.227	N	162.590	W	51	4.3		1.0	160	61	ALASKA PENINSULA. ML 4.3 (PMR).
26	09	34	48.9	51.086	N	178.843	E	33 N	4.5		1.0	138	78	RAT ISLANDS, ALEUTIAN ISLANDS
26	10	08	45.9*	18.388	N	120.331	E	33 N	4.3		1.3	100	8	LUZON, PHILIPPINES
26	11	23	31.9	4.979	S	153.241	E	82 *	4.8		0.9	102	32	NEW IRELAND REGION, P.N.G.
26	11	38	40.5&	37.224	N	2.366	W	0 G					4	SPAIN. <MDD>. mbLg 1.9 (MDD).
26	13	51	16.4&	38.150	N	28.878	E	4					4	TURKEY. <ISK>. MD 3.5 (ISK). Felt at Denizli.
26	14	46	25.6?	5.48	S	151.07	E	33 N	4.1		1.4	168	8	NEW BRITAIN REGION, P.N.G.
26	15	43	07.5&	34.783	N	116.294	W	4	4.2				58	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.6 (PAS). Felt at Baker, Barstow, Big Bear City, Ludlow and Twentynine Palms. Also felt at Las Vegas, Nevada.
26	15	50	06.3&	34.789	N	116.295	W	5					15	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.7 (PAS). Felt at

													Baker, Barstow and Ludlow.
26	16	46	34.8*	6.445	S	148.892	E	84 *	4.2	1.1	138	8	NEW BRITAIN REGION, P.N.G.
26	16	55	50.2	5.480	S	102.536	E	33 N	4.5	1.1	66	30	SOUTHERN SUMATERA, INDONESIA
26	18	43	54.8*	4.670	N	76.371	W	120 *		1.3	82	12	COLOMBIA
26	19	07	27.8&	44.784	N	6.614	E	12				5	FRANCE. <GEN>. ML 2.0 (GEN).
26	19	29	16.8	44.500	N	6.947	E	10 G		0.8	33	51	FRANCE. ML 3.6 (GEN), 3.3 (STR).
26	19	43	18.7*	1.231	S	77.316	W	208 ?	4.0	1.0	91	15	ECUADOR
26	21	05	06.9	19.819	N	77.993	W	33 N	4.5	1.0	118	48	CUBA REGION
26	21	12	19.5*	20.494	N	120.274	E	33 N	4.0	1.2	179	11	PHILIPPINE ISLANDS REGION
26	22	50	02.1	6.333	S	130.056	E	111 D	5.0	0.9	45	79	BANDA SEA. Mw 5.1 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 22:49:59.3; Lat 6.78 S; Lon 130.35 E; Dep 135.5; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=5.56, Plg=75, Azm=177; (N) Val=0.75, Plg=7, Azm=296; (P) Val=-6.31, Plg=13, Azm=28; Best double couple: Mo=5.9*10**16 Nm; NP1: Strike=128, Dip=33, Slip=104; NP2: Strike=292, Dip=58, Slip=81.
26	23	17	43.4	50.533	N	18.846	E	5 G		0.6	126	6	POLAND. MG 2.7 (WAR).
26	23	48	07.8&	34.777	N	116.299	W	5				17	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
27	00	13	56.8?	5.08	S	102.13	E	33 N	4.4	1.1	217	9	SOUTHERN SUMATERA, INDONESIA
27	00	28	57.8&	31.901	S	71.673	W	31				7	NEAR COAST OF CENTRAL CHILE. <GUC>.
27	00	54	20.2	45.988	N	14.662	E	10 G		0.8	74	10	NORTHWESTERN BALKAN REGION. ML 2.1 (VIE), 1.7 (LJU).
27	01	02	04.8*	33.971	N	139.696	E	10 G		0.7	206	7	SOUTHEAST OF HONSHU, JAPAN
27	01	28	45.0&	35.800	N	92.750	W	0				34	ARKANSAS. <CERI>. mbLg 3.9 (CERI), 3.7 (SLM). Felt in much of northcentral Arkansas including Baxter, Boone, Izard, Marion, Newton, Searcy, Stone and Van Buren Counties.
27	01	48	14.2&	32.250	S	71.739	W	7				8	NEAR COAST OF CENTRAL CHILE. <GUC>.
27	02	15	28.6*	44.020	N	13.332	E	10 G		1.0	215	11	ADRIATIC SEA. ML 3.3 (VIE).
27	03	50	50.1&	34.233	S	70.904	W	84				6	CHILE-ARGENTINA BORDER REGION. <GUC>.
27	04	07	55.9	40.950	N	10.033	E	10 G	4.3	1.2	53	132	TYRRHENIAN SEA. ML 4.0 (STR).
27	04	08	23.8&	15.540	N	60.601	W	55				12	LEEWARD ISLANDS. <FDF>. MD 3.3 (FDF).
27	04	35	20.9?	33.77	N	139.57	E	10 G		1.0	280	8	SOUTHEAST OF HONSHU, JAPAN
27	04	43	07.1?	33.96	N	139.31	E	10 G	3.9	1.3	280	8	SOUTHEAST OF HONSHU, JAPAN
27	05	01	44.2*	34.004	N	139.261	E	10 G		1.3	126	17	NEAR S. COAST OF HONSHU, JAPAN. Recorded (3 JMA) on Miyake-jima.
27	05	05	26.3*	33.958	N	139.401	E	10 G	4.4 4.4	1.2	126	21	SOUTHEAST OF HONSHU, JAPAN. Recorded (3 JMA) on Miyake-jima.
27	05	25	13.6*	34.097	N	139.368	E	10 G	4.5 4.5	1.4	126	43	NEAR S. COAST OF HONSHU, JAPAN. Recorded (3 JMA) on Miyake-jima and (1 JMA) in the Tateyama area, Honshu.
27	05	26	25.0	0.418	N	128.384	E	33 N	5.0	1.1	85	52	HALMAHERA, INDONESIA
27	06	01	30.7&	33.148	S	70.319	W	104				7	CHILE-ARGENTINA BORDER REGION. <GUC>.
27	06	02	57.0&	37.130	N	88.870	W	4				15	SOUTHERN ILLINOIS. <CERI>. MD 2.9 (CERI). mbLg 3.0 (SLM). Felt in the Paducah, Kentucky area.
27	06	11	00.4	33.994	N	139.564	E	10 G	4.8 4.6	1.2	113	59	SOUTHEAST OF HONSHU, JAPAN. Recorded (3 JMA) on Miyake-jima and (1 JMA) on O-shima and in the Tateyama area, Honshu.
27	06	38	58.3	34.075	N	139.425	E	10 G	4.6	0.9	126	13	NEAR S. COAST OF HONSHU, JAPAN
27	06	47	50.0*	33.516	N	138.763	E	10 G		0.9	246	9	SOUTHEAST OF HONSHU, JAPAN
27	07	04	20.1	33.951	N	139.393	E	10 G	4.4	1.0	126	27	SOUTHEAST OF HONSHU, JAPAN. Recorded (3 JMA) on Miyake-jima and (1 JMA) in the Tateyama area, Honshu.
27	07	10	29.5	1.464	N	77.414	W	143 D	5.2	0.8	37	170	COLOMBIA
27	07	32	31.9	41.943	N	12.930	E	10 G	4.4	1.1	81	107	SOUTHERN ITALY. ML 4.4 (LJU), 4.4 (ZAG). Minor damage to some buildings in the Sambuci-Subiaco area.
27	07	38	33.5*	17.361	S	69.458	W	90 ?	4.3	1.1	115	9	PERU-BOLIVIA BORDER REGION
27	08	09	12.8	33.986	N	139.222	E	10 G	4.5 4.4	1.3	125	46	SOUTHEAST OF HONSHU, JAPAN. Recorded (3 JMA) on Miyake-jima.
27	08	31	37.2*	34.137	N	139.440	E	10 G	4.6	1.1	126	18	NEAR S. COAST OF HONSHU, JAPAN. Recorded (3 JMA) on Miyake-jima and (1 JMA) on O-shima. Also recorded (1 JMA) in southern Chiba Prefecture and in the Tokyo area.
27	08	34	30.3&	59.662	N	153.105	W	110				30	SOUTHERN ALASKA. <AEIC>.
27	08	38	22.9?	15.54	N	119.96	E	33 N		1.1	134	7	LUZON, PHILIPPINES
27	08	46	58.0?	21.44	S	179.46	W	600 G		1.0	126	10	FIJI ISLANDS REGION
27	08	48	57.2*	22.821	S	65.960	W	258	4.5	1.0	132	12	JUJUY PROVINCE, ARGENTINA
27	08	51	22.6*	33.956	N	139.336	E	10 G		1.1	134	9	SOUTHEAST OF HONSHU, JAPAN
27	08	57	59.0*	34.007	N	139.270	E	10 G	4.4	1.5	126	11	NEAR S. COAST OF HONSHU, JAPAN
27	09	07	34.3*	34.045	N	139.445	E	10 G	4.4	1.4	126	16	NEAR S. COAST OF HONSHU, JAPAN. Recorded (3 JMA) on Miyake-jima.
27	09	21	11.1*	33.864	N	139.420	E	10 G	4.5	1.4	126	18	SOUTHEAST OF HONSHU, JAPAN. Recorded (3 JMA) on Miyake-jima.
27	09	42	19.9*	33.998	N	139.460	E	10 G		1.0	126	12	SOUTHEAST OF HONSHU, JAPAN
27	09	55	04.0*	34.093	N	139.314	E	10 G		0.9	134	15	NEAR S. COAST OF HONSHU, JAPAN. Recorded (3 JMA) on Miyake-jima.
27	09	59	44.6*	33.905	N	139.386	E	10 G	4.7	1.3	126	17	SOUTHEAST OF HONSHU, JAPAN
27	10	03	34.5	33.997	N	139.286	E	10 G	4.6	0.9	126	23	SOUTHEAST OF HONSHU, JAPAN
27	10	36	20.3*	34.006	N	139.418	E	10 G	4.0	1.2	134	18	NEAR S. COAST OF HONSHU, JAPAN
27	10	47	18.2*	29.598	S	69.758	W	10 G		1.4	167	7	CHILE-ARGENTINA BORDER REGION
27	10	57	45.7*	33.970	N	139.247	E	10 G		0.8	146	9	SOUTHEAST OF HONSHU, JAPAN
27	11	07	56.6*	34.074	N	139.132	E	10 G		0.7	126	11	NEAR S. COAST OF HONSHU, JAPAN
27	11	10	43.3*	33.970	N	139.103	E	10 G		0.7	213	7	SOUTHEAST OF HONSHU, JAPAN
27	11	13	57.0*	34.082	N	139.352	E	10 G		1.4	126	14	NEAR S. COAST OF HONSHU, JAPAN
27	11	19	02.3	34.048	N	139.251	E	10 G	4.0	1.1	126	25	NEAR S. COAST OF HONSHU, JAPAN
27	11	24	33.7	34.016	N	139.301	E	10 G	4.5	1.1	126	25	NEAR S. COAST OF HONSHU, JAPAN. Recorded (3 JMA) on Miyake-jima.
27	11	37	05.8	7.096	S	125.906	E	496 D	5.3	0.9	39	260	BANDA SEA. Mw 5.8 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 11:37:12.6; Lat 7.09 S; Lon 126.09 E; Dep 517.5; Half-duration 1.9 sec; Principal axes (scale 10**17 Nm): (T) Val=5.24, Plg=5, Azm=287; (N) Val=-0.03, Plg=18, Azm=19; (P) Val=-5.21, Plg=71, Azm=182; Best double couple: Mo=5.2*10**17 Nm; NP1: Strike=358, Dip=43, Slip=-117; NP2: Strike=213, Dip=53, Slip=-67.

27	11	44	14.9*	33.885	N	139.514	E	10	G		1.4	145	12	SOUTHEAST OF HONSHU, JAPAN
27	11	48	45.9*	4.979	N	125.312	E	191	*		0.9	132	8	TALAUD ISLANDS, INDONESIA
27	12	06	26.8&	58.739	N	149.810	W	15					34	GULF OF ALASKA. <AEIC>. ML 3.2 (AEIC), 3.3 (PMR).
27	12	11	32.4	34.150	N	139.272	E	10	G	4.4	1.2	116	40	NEAR S. COAST OF HONSHU, JAPAN. Recorded (3 JMA) on Miyake-jima.
27	12	23	07.4*	34.115	N	139.406	E	10	G		0.9	146	10	NEAR S. COAST OF HONSHU, JAPAN
27	12	34	16.8*	34.176	N	139.337	E	10	G	4.7	1.5	126	16	NEAR S. COAST OF HONSHU, JAPAN. Recorded (3 JMA) on Miyake-jima.
27	13	43	07.9	34.169	N	139.482	E	10	G	4.0	1.1	126	24	NEAR S. COAST OF HONSHU, JAPAN. Recorded (3 JMA) on Miyake-jima.
27	14	25	07.7*	10.197	S	161.539	E	33	N	4.1	0.3	160	9	SOLOMON ISLANDS
27	15	15	24.0&	42.380	N	110.170	W	12					14	WYOMING. <SLC-P>. ML 2.9 (SLC).
27	15	22	55.3	34.008	N	139.370	E	10	G	4.5 4.2	1.3	126	42	NEAR S. COAST OF HONSHU, JAPAN. Recorded (3 JMA) on Miyake-jima and (1 JMA) in the Tateyama area, Honshu.
27	15	28	17.7&	36.072	N	117.641	W	3					11	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 2.8 (PAS).
27	15	30	26.7*	33.746	N	139.605	E	10	G		0.8	236	7	*SOUTHEAST OF HONSHU, JAPAN*
27	16	08	12.6	34.062	N	139.373	E	10	G	4.2	1.2	126	29	NEAR S. COAST OF HONSHU, JAPAN
27	17	08	45.4*	34.042	N	139.355	E	10	G		0.9	134	10	NEAR S. COAST OF HONSHU, JAPAN
27	17	35	45.7&	34.684	N	33.132	E	15					6	CYPRUS REGION. <CSS>. ML 2.5 (CSS).
27	17	56	53.2	65.300	N	133.681	W	10	G	4.4 4.5	1.1	51	51	NORTHERN YUKON TERRITORY, CANADA. ML 4.7 (PGC).
27	18	35	09.8&	40.140	S	176.850	E	12					8	NORTH ISLAND, NEW ZEALAND. <WEL>. ML 3.6 (WEL).
27	18	40	26.1	37.651	N	114.386	W	5	G		0.5	87	11	SOUTHERN NEVADA. ML 3.3 (GS).
27	18	44	34.1&	62.424	N	151.328	W	93		4.4			93	CENTRAL ALASKA. <AEIC>. Felt at Skwentna and Talkeetna.
27	18	46	49.8	34.272	N	139.360	E	10	G	4.0	1.0	126	22	NEAR S. COAST OF HONSHU, JAPAN
27	18	51	01.0&	35.131	S	70.314	W	14					11	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 4.2 (GUC).
27	19	17	44.1*	33.981	N	139.422	E	10	G		1.0	134	12	SOUTHEAST OF HONSHU, JAPAN
27	19	37	21.9	36.120	N	22.448	E	33	N		1.1	95	23	SOUTHERN GREECE
27	19	41	20.6	51.103	N	15.824	E	5	G		0.4	189	9	POLAND. MG 2.6 (WAR).
27	20	14	00.7*	13.339	S	97.674	E	10	G	4.2	1.0	76	11	*SOUTH INDIAN OCEAN*
27	20	14	35.3*	34.205	N	139.374	E	10	G		0.8	126	10	NEAR S. COAST OF HONSHU, JAPAN
27	20	52	51.6&	34.660	N	116.292	W	4					7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
27	21	06	07.5	1.543	S	100.495	E	33	N	4.6	0.8	87	34	SOUTHERN SUMATERA, INDONESIA
27	21	13	51.9*	14.935	S	174.101	W	33	N	4.5	0.8	170	21	SAMOA ISLANDS REGION
27	21	35	23.0*	12.631	N	123.682	E	33	N	4.4	1.0	146	15	LUZON, PHILIPPINES
27	22	19	21.8&	14.726	N	61.132	W	136					4	WINDWARD ISLANDS. <FDF>. MG 1.9 (FDF).
27	22	48	51.2&	46.830	N	120.265	W	5					45	WASHINGTON. <SEA-P>. MD 2.7 (SEA).
28	00	05	41.0*	22.488	S	175.353	W	33	N	4.4	1.3	123	14	TONGA ISLANDS REGION
28	00	19	46.8	51.602	N	16.434	E	5	G		0.7	118	28	POLAND. ML 3.7 (GRF), 3.5 (VIE), 3.5 (FUR).
28	00	29	12.5&	35.386	N	4.240	W	1					8	STRAIT OF GIBRALTAR. <MDD>. mbLg 2.1 (MDD).
28	00	34	46.6&	40.100	S	176.750	E	12					5	NORTH ISLAND, NEW ZEALAND. <WEL>. ML 4.1 (WEL).
28	00	35	55.1?	33.74	N	139.44	E	10	G		1.3	236	5	SOUTHEAST OF HONSHU, JAPAN
28	00	49	55.4*	84.203	N	106.940	E	10	G	4.4	1.0	129	8	NORTH OF SEVERNAYA ZEMLYA
28	00	50	32.7*	44.790	N	125.521	W	10	G	3.1	0.5	259	15	OFF COAST OF OREGON
28	00	51	54.8*	6.066	S	150.286	E	66	*	4.2	1.1	88	15	NEW BRITAIN REGION, P.N.G.
28	01	03	38.3*	33.976	N	139.428	E	10	G		1.0	205	11	SOUTHEAST OF HONSHU, JAPAN
28	01	09	12.0&	34.876	N	31.676	E	25					5	CYPRUS REGION. <CSS>. ML 2.7 (CSS).
28	01	34	43.6&	36.544	N	4.431	W	79					8	STRAIT OF GIBRALTAR. <MDD>.
28	01	47	13.5?	7.13	S	104.69	E	33	N		1.1	117	11	SOUTHWEST OF SUMATERA, INDONESIA
28	01	52	16.3*	34.064	N	139.583	E	10	G		1.1	126	17	NEAR S. COAST OF HONSHU, JAPAN. Recorded (3 JMA) on Miyake-jima.
28	02	07	42.2&	38.805	N	122.797	W	5					35	*NORTHERN CALIFORNIA*. <NC-P>. ML 3.1 (NC), 3.1 (BRK).
28	02	09	04.2	33.883	N	139.490	E	10	G	4.4	1.0	126	29	SOUTHEAST OF HONSHU, JAPAN
28	02	21	37.7*	34.077	N	139.437	E	10	G	3.9	1.1	126	12	NEAR S. COAST OF HONSHU, JAPAN
28	02	37	26.4*	33.921	N	139.414	E	10	G		1.4	134	13	SOUTHEAST OF HONSHU, JAPAN
28	02	43	23.5?	33.88	N	139.63	E	10	G		1.1	263	10	SOUTHEAST OF HONSHU, JAPAN
28	02	45	39.5*	33.954	N	139.309	E	10	G		1.5	214	16	SOUTHEAST OF HONSHU, JAPAN
28	02	45	53.1*	24.478	S	115.259	W	10	G	4.7 4.4	0.9	167	35	SOUTHERN EAST PACIFIC RISE
28	02	48	25.8?	4.31	S	143.40	E	112	*	4.2	0.5	180	7	NEW GUINEA, PAPUA NEW GUINEA
28	02	51	11.5?	33.79	N	139.52	E	10	G		1.3	236	6	SOUTHEAST OF HONSHU, JAPAN
28	02	57	29.3&	38.630	S	176.010	E	8					6	NORTH ISLAND, NEW ZEALAND. <WEL>. ML 2.8 (WEL). Felt at Taupo and Wairakei.
28	02	59	51.9*	33.913	N	139.246	E	10	G	4.1	1.0	134	13	SOUTHEAST OF HONSHU, JAPAN
28	03	08	09.7*	33.957	N	139.453	E	10	G		1.4	126	17	SOUTHEAST OF HONSHU, JAPAN. Recorded (3 JMA) on Miyake-jima and (1 JMA) in the Tateyama area, Honshu.
28	03	14	45.0	34.072	N	139.265	E	10	G	4.9 4.2	0.9	78	130	NEAR S. COAST OF HONSHU, JAPAN. Recorded (3 JMA) on Miyake-jima and (1 JMA) on O-shima and in the Tateyama area, Honshu.
28	03	17	08.5*	33.959	N	139.668	E	10	G		1.1	155	10	SOUTHEAST OF HONSHU, JAPAN
28	03	32	16.1&	37.920	S	176.120	E	241					7	NORTH ISLAND, NEW ZEALAND. <WEL>.
28	03	40	06.2	34.037	N	139.398	E	10	G	4.5	1.2	125	34	NEAR S. COAST OF HONSHU, JAPAN. Recorded (4 JMA) on Miyake-jima. Recorded (2 JMA) in the Tateyama area and (1 JMA) in eastern Kanagawa Prefecture, Honshu.
28	03	51	52.0&	43.060	N	0.790	W	5	G				4	*PYRENEES*. <STR>. ML 2.1 (STR).
28	04	08	43.7*	33.872	N	139.282	E	10	G		0.6	235	6	SOUTHEAST OF HONSHU, JAPAN
28	04	20	04.8&	6.316	N	82.671	W	28		4.1			38	SOUTH OF PANAMA. <CASC>. MD 4.1 (CASC).
28	04	26	22.2&	33.254	S	72.241	W	15					8	OFF COAST OF CENTRAL CHILE. <GUC>. MD 3.3 (GUC).
28	04	28	28.2*	33.930	N	139.143	E	10	G		0.6	214	5	SOUTHEAST OF HONSHU, JAPAN
28	04	37	26.5*	33.994	N	139.438	E	10	G	4.4	1.3	126	22	SOUTHEAST OF HONSHU, JAPAN
28	04	49	23.0	19.317	N	145.412	E	145	?	4.4	0.9	100	42	MARIANA ISLANDS
28	04	53	14.7&	33.983	N	116.966	W	17					10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
28	04	56	18.7*	34.007	N	139.466	E	10	G	4.2	1.0	205	19	NEAR S. COAST OF HONSHU, JAPAN
28	05	12	04.3	4.458	S	101.972	E	33	N	5.0 4.5	1.2	50	78	SOUTHERN SUMATERA, INDONESIA
28	05	20	38.3	33.918	N	139.186	E	10	G	4.6	1.4	125	47	SOUTHEAST OF HONSHU, JAPAN. Recorded (3 JMA) on Miyake-jima and (1 JMA) on O-shima and in the Tateyama area, Honshu.
28	05	39	36.0*	23.410	S	179.881	W	500	G	4.2	1.0	126	11	SOUTH OF FIJI ISLANDS
28	06	01	07.2*	34.015	N	139.863	E	10	G		1.2	135	9	NEAR S. COAST OF HONSHU, JAPAN
28	06	02	03.9&	37.548	N	5.181	W	9					13	SPAIN. <MDD>. mbLg 2.5 (MDD).
28	06	16	01.5*	34.047	N	139.641	E	10	G	4.6	1.4	126	12	NEAR S. COAST OF HONSHU, JAPAN. Recorded (3 JMA) on Miyake-jima.
28	06	20	42.5*	34.971	S	179.792	E	72	*	4.6	1.4	89	22	SOUTH OF KERMADEC ISLANDS
28	06	38	14.1	34.034	N	139.279	E	10	G	4.5 4.5	1.1	63	69	NEAR S. COAST OF HONSHU, JAPAN. Recorded (3 JMA) on Miyake-jima and (1 JMA) on O-shima. Also recorded (1

													JMA) in southern Chiba and eastern Kanagawa Prefectures, Honshu.
28	06	55	35.3?	34.05	N	139.58	E	10	G		1.3	146	8 NEAR S. COAST OF HONSHU, JAPAN
28	06	56	28.6	51.654	N	175.243	W	33	N	4.2	1.1	129	42 ANDREANOF ISLANDS, ALEUTIAN IS.
28	07	16	15.2?	8.08	S	111.64	E	134	D	3.8	1.5	162	8 JAWA, INDONESIA
28	07	21	13.4*	34.033	N	139.433	E	10	G		1.2	205	9 NEAR S. COAST OF HONSHU, JAPAN
28	07	54	58.7&	17.921	N	100.476	W	78					4 GUERRERO, MEXICO. <UNM>. MD 3.7 (UNM).
28	08	16	11.9*	34.001	N	139.171	E	10	G	4.1	1.3	205	17 NEAR S. COAST OF HONSHU, JAPAN
28	08	16	17.8?	24.87	N	94.07	E	33	N	4.1	0.6	149	7 MYANMAR-INDIA BORDER REGION
28	08	35	35.7*	34.196	N	139.671	E	10	G		1.2	134	12 NEAR S. COAST OF HONSHU, JAPAN
28	08	43	37.4?	34.05	N	139.43	E	10	G	3.9	1.5	152	8 NEAR S. COAST OF HONSHU, JAPAN
28	08	45	21.5%	34.035	N	139.382	E	10	G		0.2	154	5 NEAR S. COAST OF HONSHU, JAPAN
28	08	52	19.8*	34.072	N	139.673	E	10	G	3.8	1.3	134	13 NEAR S. COAST OF HONSHU, JAPAN
28	09	25	47.8	34.217	N	139.506	E	10	G	4.8 4.7	1.3	113	103 NEAR S. COAST OF HONSHU, JAPAN. Mw 5.3 (HRV). Recorded (3 JMA) on Miyake-jima, (2 JMA) on O-shima and (1 JMA) on Hachijo-jima. Also recorded (1 JMA) in Chiba, Kanagawa and Shizuoka Prefectures, Honshu. Centroid, Moment Tensor (HRV): Centroid origin time 09:25:50.3; Lat 34.12 N; Lon 139.21 E; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=8.61, Plg=9, Azm=21; (N) Val=0.96, Plg=76, Azm=249; (P) Val=-9.57, Plg=11, Azm=112; Best double couple: Mo=9.1*10**16 Nm; NP1: Strike=156, Dip=76, Slip=-1; NP2: Strike=247, Dip=89, Slip=-166.
28	09	31	19.5	34.004	N	139.403	E	10	G	3.6	1.1	126	17 NEAR S. COAST OF HONSHU, JAPAN
28	09	37	17.4	34.096	N	139.370	E	10	G	4.5	1.0	125	42 NEAR S. COAST OF HONSHU, JAPAN. Recorded (2 JMA) on Miyake-jima.
28	09	44	56.2%	10.386	N	122.358	E	33	N		0.5	103	7 PANAY, PHILIPPINES
28	10	02	23.6&	47.060	N	6.630	E	2	G				5 FRANCE. <STR>. ML 2.2 (STR).
28	10	32	27.3&	34.796	N	116.300	W	1					17 SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
28	10	44	47.4*	33.981	N	139.339	E	10	G		1.1	134	20 SOUTHEAST OF HONSHU, JAPAN
28	11	35	01.2	24.600	N	122.361	E	107	*	4.4	1.2	120	28 TAIWAN REGION. Recorded (3 TAP) in southern I-lan County; (2 TAP) at Hua-lien and I-lan; (1 TAP) at Miao-li and Taipei.
28	11	38	33.9*	34.067	N	139.509	E	10	G		0.4	155	5 NEAR S. COAST OF HONSHU, JAPAN
28	11	44	43.3&	32.426	S	70.356	W	116					9 CHILE-ARGENTINA BORDER REGION. <GUC>.
28	11	47	20.5*	2.301	S	139.598	E	33	N	4.2	1.1	114	16 NEAR NORTH COAST OF IRIAN JAYA
28	12	23	26.8?	34.00	N	139.26	E	10	G		1.3	154	8 NEAR S. COAST OF HONSHU, JAPAN
28	12	33	04.2	34.072	N	139.456	E	10	G	4.3	1.4	113	37 NEAR S. COAST OF HONSHU, JAPAN. Recorded (4 JMA) on Miyake-jima and (1 JMA) in the Tateyama area, Honshu.
28	13	20	38.8*	34.077	N	138.886	E	10	G	4.5	1.5	125	29 NEAR S. COAST OF HONSHU, JAPAN
28	13	29	32.0%	10.593	N	122.313	E	33	N		1.4	139	6 PANAY, PHILIPPINES
28	13	32	34.2*	19.052	N	120.980	E	60	*	3.8	1.4	115	10 PHILIPPINE ISLANDS REGION
28	13	33	24.5?	33.95	N	139.26	E	10	G	3.6	1.4	154	10 SOUTHEAST OF HONSHU, JAPAN
28	13	41	43.5*	2.985	S	129.923	E	33	N	4.5	1.4	120	15 SERAM, INDONESIA
28	13	50	41.7*	33.909	N	139.480	E	10	G	4.4	1.5	126	22 SOUTHEAST OF HONSHU, JAPAN. Recorded (3 JMA) on Miyake-jima and (1 JMA) on O-shima.
28	14	20	09.9	34.236	N	139.392	E	10	G	4.6 4.0	1.2	117	33 NEAR S. COAST OF HONSHU, JAPAN. Recorded (3 JMA) on Miyake-jima and (1 JMA) on Hachijo-jima and O-shima.
28	14	28	31.9&	46.623	N	113.537	W	10		4.0			88 MONTANA. <BUT-P>. ML 4.5 (GS). Felt strongly in the Missoula area. Felt in much of western Montana including Bozeman, Clinton, Conner, Deer Lodge, Florence, Hamilton, Helena, Lolo, Philipsburg and Seeley Lake.
28	14	55	41.4&	43.520	N	0.580	W	5	G				17 PYRENEES. <STR>. ML 2.7 (LDG), 2.4 (STR). mbLg 2.4 (MDD).
28	15	06	14.9*	7.846	S	107.590	E	113	?	4.7	1.1	120	28 JAWA, INDONESIA
28	15	14	03.9*	34.110	N	139.514	E	10	G		1.1	209	9 NEAR S. COAST OF HONSHU, JAPAN. Recorded (1 JMA) on Miyake-jima.
28	15	36	18.7&	42.820	N	1.780	E	5	G				4 PYRENEES. <STR>. ML 2.3 (STR).
28	15	49	14.3&	32.107	S	71.971	W	22					10 NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.7 (GUC).
28	16	10	53.5&	44.604	N	6.865	E	0					9 FRANCE. <GEN>. ML 1.9 (GEN).
28	16	15	17.9	34.014	N	139.319	E	10	G	4.8 4.8	1.1	116	84 NEAR S. COAST OF HONSHU, JAPAN. Mw 5.2 (HRV). Recorded (3 JMA) on Miyake-jima and (1 JMA) on Hachijo-jima and O-shima. Also recorded (1 JMA) in Chiba and Kanagawa Prefectures, Honshu. Centroid, Moment Tensor (HRV): Centroid origin time 16:15:19.8; Lat 33.52 N; Lon 139.27 E; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=8.31, Plg=29, Azm=58; (N) Val=0.20, Plg=46, Azm=182; (P) Val=-8.51, Plg=30, Azm=309; Best double couple: Mo=8.4*10**16 Nm; NP1: Strike=94, Dip=46, Slip=-179; NP2: Strike=3, Dip=89, Slip=-44.
28	16	21	23.3	34.238	N	139.293	E	10	G	4.7 4.5	0.9	125	61 NEAR S. COAST OF HONSHU, JAPAN. Recorded (2 JMA) on Miyake-jima and O-shima; (1 JMA) on Hachijo-jima. Also recorded (1 JMA) in Chiba, Kanagawa and Shizuoka Prefectures, Honshu.
28	16	30	58.3	34.025	N	139.415	E	10	G	4.5 4.6	1.2	126	32 NEAR S. COAST OF HONSHU, JAPAN. Recorded (3 JMA) on Miyake-jima and (1 JMA) on O-shima. Also recorded (1 JMA) in Chiba and Kanagawa Prefectures, Honshu.
28	16	48	25.5*	33.970	N	139.398	E	10	G		1.4	134	13 SOUTHEAST OF HONSHU, JAPAN
28	17	02	22.2	33.964	N	139.400	E	10	G	4.6 4.4	1.3	126	37 SOUTHEAST OF HONSHU, JAPAN. Recorded (3 JMA) on Miyake-jima and (1 JMA) on O-shima. Also recorded (1 JMA) in Chiba and Kanagawa Prefectures, Honshu.
28	17	03	47.5*	5.243	S	68.456	E	10	G	4.8	0.9	67	26 CHAGOS ARCHIPELAGO REGION
28	17	19	26.8?	51.17	N	6.83	E	5	G		0.9	220	8 GERMANY. ML 3.1 (LDG).
28	17	42	43.8?	34.18	N	139.81	E	10	G		0.8	201	7 NEAR S. COAST OF HONSHU, JAPAN
28	18	03	58.1*	34.212	N	139.309	E	10	G		0.9	134	9 NEAR S. COAST OF HONSHU, JAPAN
28	18	15	21.3%	36.425	N	69.685	E	244	*		0.4	116	9 HINDU KUSH REGION, AFGHANISTAN
28	18	26	45.1	11.392	N	86.775	W	33	N	4.4	1.1	88	53 NEAR COAST OF NICARAGUA. MD 4.4 (CASC).
28	18	54	19.8&	40.390	S	176.620	E	12					14 NORTH ISLAND, NEW ZEALAND. <WEL>. ML 4.0 (WEL). Felt in southern Hawke's Bay County.
28	19	12	51.3*	34.047	N	139.553	E	10	G		1.3	155	9 NEAR S. COAST OF HONSHU, JAPAN

28	19	19	15.8	47.769	N	17.677	E	10	G		1.1	105	11	HUNGARY. ML 2.5 (VIE).
28	19	45	40.5*	5.937	N	127.013	E	116	*	3.8	0.5	164	13	PHILIPPINE ISLANDS REGION
28	19	50	52.7&	58.657	N	149.865	W	16		5.1 4.5			354	GULF OF ALASKA. <AEIC>. Mw 5.2 (HRV). ML 5.0 (AEIC), 5.5 (PMR). Felt (II) at Homer. Centroid, Moment Tensor (HRV): Centroid origin time 19:50:56.4; Lat 58.65 N; Lon 150.18 W; Dep 36.3; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=8.01, Plg=35, Azm=300; (N) Val=-0.31, Plg=54, Azm=128; (P) Val=-7.70, Plg=4, Azm=33; Best double couple: Mo=7.8*10**16 Nm; NP1: Strike=82, Dip=63, Slip=24; NP2: Strike=341, Dip=69, Slip=150.
28	19	58	10.7*	42.245	N	12.246	E	10	G		0.9	206	12	CENTRAL ITALY
28	20	13	12.5?	34.10	N	139.57	E	10	G		0.9	155	5	NEAR S. COAST OF HONSHU, JAPAN
28	20	19	53.3*	33.993	N	139.607	E	10	G	4.7	1.3	126	23	SOUTHEAST OF HONSHU, JAPAN
28	20	30	04.0*	34.141	N	139.772	E	10	G		0.5	155	7	NEAR S. COAST OF HONSHU, JAPAN
28	20	57	03.9&	56.230	N	161.522	W	188		4.0			64	ALASKA PENINSULA. <AEIC>.
28	21	37	58.5	27.035	N	127.279	E	111		4.7	1.0	75	52	RYUKYU ISLANDS, JAPAN. Recorded (1 JMA) in northern Okinawa.
28	21	57	33.9*	11.041	N	86.596	W	33	N	4.0	1.4	112	19	NEAR COAST OF NICARAGUA. MD 4.1 (CASC).
28	22	03	02.8&	32.436	S	71.444	W	46					7	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.3 (GUC).
28	22	17	43.9*	33.931	N	139.406	E	10	G		0.9	134	12	SOUTHEAST OF HONSHU, JAPAN. Recorded (3 JMA) on Miyake-jima and (1 JMA) in the Tateyama area, Honshu.
28	22	26	09.7&	43.120	N	0.580	W	5	G				5	PYRENEES. <STR>. ML 2.1 (STR).
28	22	40	24.4	33.952	N	139.147	E	10	G	4.5 4.0	1.3	125	29	SOUTHEAST OF HONSHU, JAPAN. Recorded (3 JMA) on Miyake-jima and (1 JMA) on O-shima.
28	22	43	33.8	47.768	N	82.732	E	33	N	4.6 4.1	1.2	60	69	KAZAKHSTAN-XINJIANG BORDER REG. Felt (IV) at Zaysan, Kazakhstan.
28	23	15	16.1*	33.989	N	139.536	E	10	G	3.9	1.3	134	12	SOUTHEAST OF HONSHU, JAPAN
28	23	23	47.6&	19.725	N	66.064	W	37					7	PUERTO RICO REGION. <RSPR>. MD 3.1 (RSPR).
28	23	50	44.5	34.183	N	139.497	E	10	G	4.6 4.3	1.1	126	43	NEAR S. COAST OF HONSHU, JAPAN. Recorded (3 JMA) on Miyake-jima.
28	23	52	23.3&	38.430	S	176.250	E	190					6	NORTH ISLAND, NEW ZEALAND. <WEL>.
29	00	19	25.6*	16.347	S	73.334	W	60	D	4.3	1.0	106	12	NEAR COAST OF PERU. Felt (II) at Arequipa.
29	00	35	44.9	37.386	N	117.011	W	5	G		0.7	77	15	CALIFORNIA-NEVADA BORDER REGION. ML 3.0 (GS).
29	00	38	55.6*	11.305	N	86.607	W	72	*	4.3	1.3	186	24	NEAR COAST OF NICARAGUA. MD 4.4 (CASC).
29	00	52	55.2*	34.147	N	139.772	E	10	G	4.3	0.9	120	22	NEAR S. COAST OF HONSHU, JAPAN. Recorded (2 JMA) on Miyake-jima.
29	01	04	03.1*	34.011	N	139.480	E	10	G	4.5	1.2	120	14	NEAR S. COAST OF HONSHU, JAPAN
29	01	04	51.3&	62.330	N	153.360	W	6					16	CENTRAL ALASKA. <AEIC>. ML 3.1 (AEIC), 3.2 (PMR).
29	01	12	03.7	45.005	N	28.022	W	10	G	4.4 3.9	0.9	161	48	NORTHERN MID-ATLANTIC RIDGE
29	01	16	12.5	34.025	N	139.304	E	10	G	4.6 4.5	1.2	125	48	NEAR S. COAST OF HONSHU, JAPAN. Recorded (3 JMA) on Miyake-jima and (1 JMA) on Hachijo-jima and O-shima. Also recorded (1 JMA) in Chiba and Kanagawa Prefectures, Honshu.
29	01	43	43.0*	34.054	N	139.072	E	10	G		1.2	213	7	NEAR S. COAST OF HONSHU, JAPAN
29	01	46	56.4*	34.098	N	139.375	E	10	G	4.4	1.6	134	13	NEAR S. COAST OF HONSHU, JAPAN
29	01	48	43.8*	34.040	N	139.485	E	10	G		1.4	134	11	NEAR S. COAST OF HONSHU, JAPAN
29	01	50	26.0*	34.045	N	139.425	E	10	G	3.9	1.1	213	8	NEAR S. COAST OF HONSHU, JAPAN
29	01	58	44.9*	33.965	N	139.437	E	10	G		1.5	134	13	SOUTHEAST OF HONSHU, JAPAN
29	01	59	03.7*	34.004	N	139.048	E	10	G	4.3	1.0	134	16	NEAR S. COAST OF HONSHU, JAPAN
29	02	00	01.1*	7.746	N	36.395	W	10	G	4.7 4.4	1.8	88	39	CENTRAL MID-ATLANTIC RIDGE
29	02	17	15.0	10.348	N	84.151	W	103		4.4	1.2	42	62	COSTA RICA. MD 4.5 (CASC).
29	02	20	41.2&	38.070	S	177.540	E	183					6	NORTH ISLAND, NEW ZEALAND. <WEL>.
29	02	28	19.8&	59.951	N	141.048	W	10					29	SOUTHEASTERN ALASKA. <AEIC>. ML 3.4 (AEIC), 4.0 (PMR).
29	02	30	26.2*	33.836	N	139.429	E	10	G		1.0	215	7	SOUTHEAST OF HONSHU, JAPAN
29	02	50	17.8*	38.161	N	102.468	E	33	N		1.4	122	8	GANSU, CHINA. ML 4.0 (BJI).
29	02	55	13.6	34.163	N	139.193	E	10	G	4.9	0.9	123	77	NEAR S. COAST OF HONSHU, JAPAN
29	02	55	46.3&	37.023	N	5.489	W	3					15	SPAIN. <MDD>. mbLg 2.3 (MDD).
29	02	56	20.9	34.190	N	139.136	E	10	G	5.1 5.1	0.8	118	146	NEAR S. COAST OF HONSHU, JAPAN. Mw 5.3 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 02:56:24.4; Lat 34.25 N; Lon 138.94 E; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**17 Nm): (T) Val=1.06, Plg=24, Azm=98; (N) Val=0.10, Plg=28, Azm=201; (P) Val=-1.16, Plg=52, Azm=334; Best double couple: Mo=1.1*10**17 Nm; NP1: Strike=146, Dip=33, Slip=-149; NP2: Strike=30, Dip=74, Slip=-61.
29	03	11	31.1	51.591	N	16.272	E	5	G		0.8	154	12	POLAND. ML 3.2 (VIE), 2.9 (CLL), 2.8 (BRG).
29	03	11	51.4	34.155	N	139.180	E	10	G	5.3 4.9	1.0	82	202	NEAR S. COAST OF HONSHU, JAPAN. Recorded (5L JMA) on Kozu-shima, (4 JMA) on Nii-jima, (3 JMA) on Miyake-jima and (1 JMA) on Hachijo-jima and O-shima. Also recorded (1 JMA) in parts of Chiba and Shizuoka Prefectures, Honshu.
29	03	18	02.3	34.027	N	139.398	E	10	G	4.5	1.2	120	54	NEAR S. COAST OF HONSHU, JAPAN
29	03	25	22.5	33.994	N	139.614	E	10	G	4.7	1.2	126	25	SOUTHEAST OF HONSHU, JAPAN
29	03	34	26.2	34.244	N	139.141	E	10	G	5.1 4.8	0.8	109	141	NEAR S. COAST OF HONSHU, JAPAN
29	03	40	02.7*	34.144	N	139.225	E	10	G	4.3	1.0	133	24	NEAR S. COAST OF HONSHU, JAPAN
29	03	41	55.4	34.074	N	139.344	E	10	G	4.5	1.0	126	22	NEAR S. COAST OF HONSHU, JAPAN
29	03	47	16.4*	33.835	N	139.417	E	10	G	3.6	1.1	215	10	SOUTHEAST OF HONSHU, JAPAN
29	03	53	47.9*	34.028	N	139.590	E	10	G		1.4	213	11	NEAR S. COAST OF HONSHU, JAPAN
29	04	02	36.9	34.056	N	139.561	E	10	G	5.1 5.0	1.1	117	169	NEAR S. COAST OF HONSHU, JAPAN. Mw 5.5 (HRV). Felt at Hiratsuka. Recorded (4 JMA) on Miyake-jima. Centroid, Moment Tensor (HRV): Centroid origin time 04:02:40.3; Lat 33.86 N; Lon 139.59 E; Dep 33.6; Half-duration 1.3 sec; Principal axes (scale 10**17 Nm): (T) Val=1.95, Plg=7, Azm=54; (N) Val=-0.12, Plg=81, Azm=192; (P) Val=-1.83, Plg=6, Azm=324; Best double couple: Mo=1.9*10**17 Nm; NP1: Strike=99, Dip=81, Slip=180; NP2: Strike=189, Dip=90, Slip=9.
29	04	20	03.8*	34.022	N	139.246	E	10	G		1.0	134	12	NEAR S. COAST OF HONSHU, JAPAN
29	04	30	32.2*	34.090	N	139.639	E	10	G	4.0	1.4	134	14	NEAR S. COAST OF HONSHU, JAPAN
29	04	48	22.7*	33.929	N	139.408	E	10	G	4.2	1.1	126	24	SOUTHEAST OF HONSHU, JAPAN
29	04	53	26.3	34.082	N	139.333	E	10	G	5.0 4.9	1.0	117	96	NEAR S. COAST OF HONSHU, JAPAN. Mw 5.3 (HRV). Felt at Hiratsuka. Recorded (3 JMA) on Miyake-jima, (2 JMA) on

O-shima and (1 JMA) on Hachijo-jima. Also recorded (2 JMA) in Chiba and Kanagawa Prefectures, Honshu.
Centroid, Moment Tensor (HRV): Centroid origin time 04:53:33.2; Lat 34.21 N; Lon 139.34 E; Dep 15.0 Fix; Half-duration 1.1 sec; Principal axes (scale 10**17 Nm): (T) Val=1.03, Plg=13, Azm=221; (N) Val=-0.01, Plg=73, Azm=83; (P) Val=-1.02, Plg=11, Azm=314; Best double couple: Mo=1.0*10**17 Nm; NP1: Strike=358, Dip=74, Slip=1; NP2: Strike=267, Dip=89, Slip=164.

29 05 12 20.5& 35.252 S 72.736 W 14 6 NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.8 (GUC).
29 05 17 39.9* 34.419 N 139.042 E 10 G 4.3 0.7 182 13 NEAR S. COAST OF HONSHU, JAPAN
29 05 27 10.7& 35.375 S 72.633 W 15 8 NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.2 (GUC).
29 05 54 55.4 34.151 N 139.422 E 10 G 4.7 4.7 1.4 119 61 NEAR S. COAST OF HONSHU, JAPAN. Mw 5.1 (HRV).
Centroid, Moment Tensor (HRV): Centroid origin time 05:54:59.5; Lat 34.15 N Fix; Lon 139.42 E Fix; Dep 15.0 Fix; Half-duration 1.0 sec; Principal axes (scale 10**16 Nm): (T) Val=4.38, Plg=7, Azm=217; (N) Val=0.50, Plg=74, Azm=104; (P) Val=-4.88, Plg=14, Azm=309; Best double couple: Mo=4.6*10**16 Nm; NP1: Strike=353, Dip=75, Slip=-6; NP2: Strike=84, Dip=85, Slip=-165.

29 06 16 23.9? 34.11 N 139.49 E 10 G 1.5 146 8 NEAR S. COAST OF HONSHU, JAPAN
29 06 18 01.9 32.588 S 71.661 W 49 * 4.3 1.2 144 45 NEAR COAST OF CENTRAL CHILE. MD 4.6 (GUC). Felt (III) at Cabildo, Cachagua, Chincolco, La Ligua, Papudo, Valparaiso and Zapallar.
29 06 30 22.0 34.027 N 139.359 E 10 G 5.3 5.2 1.3 109 201 NEAR S. COAST OF HONSHU, JAPAN. Mw 5.6 (HRV).
Centroid, Moment Tensor (HRV): Centroid origin time 06:30:24.4; Lat 33.81 N; Lon 139.47 E; Dep 15.0 Fix; Half-duration 1.5 sec; Principal axes (scale 10**17 Nm): (T) Val=2.64, Plg=6, Azm=233; (N) Val=-0.52, Plg=84, Azm=53; (P) Val=-2.13, Plg=0, Azm=143; Best double couple: Mo=2.4*10**17 Nm; NP1: Strike=278, Dip=86, Slip=176; NP2: Strike=8, Dip=86, Slip=4.

29 07 49 29.0 34.237 N 139.231 E 10 G 4.2 0.9 125 20 NEAR S. COAST OF HONSHU, JAPAN
29 07 59 06.6 13.031 N 144.538 E 52 D 5.5 5.5 1.2 44 182 MARIANA ISLANDS. Mw 5.9 (HRV), 5.8 (GS). Me 5.3 (GS). Felt on Guam and Rota.
Broadband Source Parameters (GS): Dep 27; NP1: Strike=55, Dip=50, Slip=75; NP2: Strike=258, Dip=42, Slip=107; Radiated energy 1.9*10**12 Nm.
Moment Tensor (GS): Dep 31; Principal axes (scale 10**17 Nm): (T) Val=5.31, Plg=73, Azm=312; (N) Val=-0.06, Plg=4, Azm=57; (P) Val=-5.24, Plg=16, Azm=149; Best double couple: Mo=5.3*10**17 Nm; NP1: Strike=245, Dip=29, Slip=99; NP2: Strike=55, Dip=61, Slip=85.
Centroid, Moment Tensor (HRV): Centroid origin time 07:59:08.7; Lat 12.71 N; Lon 145.00 E; Dep 35.0 Bdy; Half-duration 2.1 sec; Principal axes (scale 10**17 Nm): (T) Val=6.67, Plg=77, Azm=307; (N) Val=0.98, Plg=4, Azm=54; (P) Val=-7.65, Plg=13, Azm=145; Best double couple: Mo=7.2*10**17 Nm; NP1: Strike=240, Dip=33, Slip=97; NP2: Strike=51, Dip=58, Slip=85.

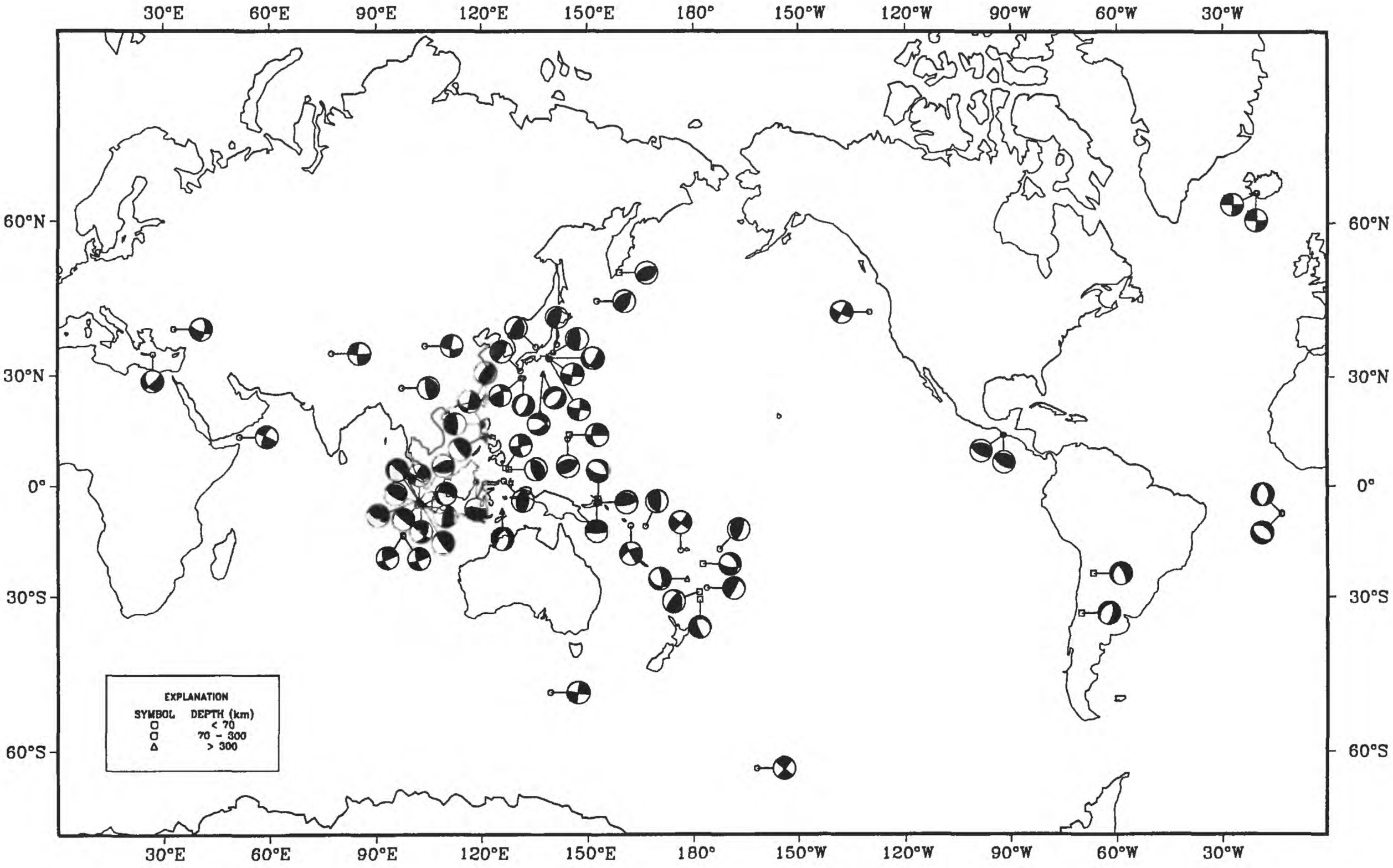
29 08 06 50.4 13.120 N 144.505 E 33 N 4.5 1.3 87 19 MARIANA ISLANDS. Felt on Guam.
29 08 08 14.3* 13.139 N 144.393 E 33 N 4.7 1.1 86 28 MARIANA ISLANDS. Felt on Guam.
29 08 10 00.6 12.986 N 144.675 E 33 N 5.0 1.3 84 61 SOUTH OF MARIANA ISLANDS. Felt on Guam.
29 08 32 35.2& 39.220 S 175.200 E 5 9 NORTH ISLAND, NEW ZEALAND. <WEL>. ML 3.1 (WEL).
29 08 45 10.6 12.995 N 144.577 E 33 N 4.8 1.0 86 61 SOUTH OF MARIANA ISLANDS. Felt on Guam.
29 08 49 24.6* 12.997 N 144.945 E 33 N 1.2 132 11 SOUTH OF MARIANA ISLANDS
29 08 59 41.0 33.983 N 139.492 E 10 G 4.5 4.4 1.2 126 39 SOUTHEAST OF HONSHU, JAPAN
29 09 11 13.5? 5.64 S 149.71 E 33 N 3.9 0.7 173 5 NEW BRITAIN REGION, P.N.G. ML 3.8 (PMG).
29 09 25 15.3* 13.069 N 144.125 E 33 N 4.9 0.8 135 8 MARIANA ISLANDS
29 09 25 20.9& 37.990 S 176.600 E 127 14 NORTH ISLAND, NEW ZEALAND. <WEL>.
29 09 28 36.6* 33.926 N 138.464 E 10 G 3.7 1.0 146 10 SOUTHEAST OF HONSHU, JAPAN
29 09 45 13.4 26.823 N 97.251 E 52 * 4.1 0.4 100 13 MYANMAR
29 09 53 28.1 34.324 N 140.221 E 10 G 5.0 4.5 1.0 113 118 NEAR EAST COAST OF HONSHU, JAPAN
29 10 10 39.0? 34.21 N 139.70 E 10 G 1.5 146 7 NEAR S. COAST OF HONSHU, JAPAN
29 10 13 42.2? 34.15 N 139.08 E 10 G 0.5 232 5 NEAR S. COAST OF HONSHU, JAPAN
29 10 15 00.0* 34.101 N 139.610 E 10 G 3.8 1.5 126 12 NEAR S. COAST OF HONSHU, JAPAN
29 10 30 03.7* 34.052 N 139.127 E 10 G 4.3 1.1 120 16 NEAR S. COAST OF HONSHU, JAPAN
29 10 50 22.6* 31.010 N 131.505 E 10 G 4.5 1.5 122 17 KYUSHU, JAPAN
29 10 55 33.8* 34.002 N 139.132 E 10 G 3.7 0.8 134 6 NEAR S. COAST OF HONSHU, JAPAN
29 11 07 02.8? 33.86 N 139.36 E 10 G 3.7 1.5 141 10 SOUTHEAST OF HONSHU, JAPAN
29 11 10 54.1? 34.22 N 139.75 E 10 G 3.6 1.2 145 8 NEAR S. COAST OF HONSHU, JAPAN
29 11 13 19.8* 9.169 N 126.018 E 125 3.7 1.1 135 16 MINDANAO, PHILIPPINES
29 11 22 21.2? 21.68 N 145.01 E 33 N 1.6 166 6 MARIANA ISLANDS REGION
29 11 42 30.1* 34.088 N 139.255 E 10 G 1.5 159 8 NEAR S. COAST OF HONSHU, JAPAN
29 11 54 18.7* 34.055 N 139.328 E 10 G 1.2 134 9 NEAR S. COAST OF HONSHU, JAPAN
29 12 00 30.2? 33.81 N 139.48 E 10 G 0.5 235 5 SOUTHEAST OF HONSHU, JAPAN
29 12 13 26.7 34.101 N 139.445 E 10 G 4.3 1.2 120 37 NEAR S. COAST OF HONSHU, JAPAN
29 12 23 25.3* 12.944 N 144.332 E 33 N 4.2 0.6 128 9 SOUTH OF MARIANA ISLANDS
29 12 51 23.7* 34.076 N 139.366 E 10 G 4.2 1.2 126 14 NEAR S. COAST OF HONSHU, JAPAN. Recorded (2 JMA) on Miyake-jima and (1 JMA) in the Tateyama area, Honshu.
29 13 07 55.5 34.094 N 139.245 E 10 G 4.7 4.2 1.5 116 82 NEAR S. COAST OF HONSHU, JAPAN. Recorded (4 JMA) on Miyake-jima.
29 13 17 14.1& 44.489 N 6.881 E 0 11 FRANCE. <GEN>. ML 2.1 (GEN).
29 13 23 00.1* 13.155 N 144.139 E 33 N 4.7 1.1 89 20 MARIANA ISLANDS
29 13 25 11.4? 33.70 N 139.86 E 10 G 1.2 237 5 SOUTHEAST OF HONSHU, JAPAN
29 13 42 17.1* 13.144 N 144.137 E 33 N 4.4 1.0 125 18 MARIANA ISLANDS
29 13 46 00.7* 33.916 N 139.346 E 10 G 1.0 134 9 SOUTHEAST OF HONSHU, JAPAN
29 14 01 30.9* 34.025 N 139.120 E 10 G 1.0 126 15 NEAR S. COAST OF HONSHU, JAPAN
29 14 04 23.1* 34.079 N 139.116 E 10 G 4.4 1.4 134 11 NEAR S. COAST OF HONSHU, JAPAN
29 14 05 47.3* 12.879 N 144.798 E 33 N 4.5 1.3 126 11 SOUTH OF MARIANA ISLANDS
29 14 08 48.3& 39.310 S 175.610 E 87 10 NORTH ISLAND, NEW ZEALAND. <WEL>. ML 3.5 (WEL).

29	14	08	52.1?	33.78	N	138.56	E	10	G			0.9	151	7	SOUTHEAST OF HONSHU, JAPAN
29	14	15	26.5	38.428	N	26.091	E	37	*	4.1		1.4	88	45	AEGEAN SEA
29	14	18	48.9*	34.050	N	139.363	E	10	G	4.6		1.2	146	10	NEAR S. COAST OF HONSHU, JAPAN
29	14	26	17.9	33.967	N	139.459	E	10	G	4.4	4.0	1.1	113	38	SOUTHEAST OF HONSHU, JAPAN
29	14	45	16.3	36.225	N	70.774	E	143	*	4.5		0.8	73	13	HINDU KUSH REGION, AFGHANISTAN
29	15	01	15.8*	12.229	N	143.973	E	33	N	4.7		1.2	124	20	SOUTH OF MARIANA ISLANDS
29	15	12	32.8%	8.688	N	122.568	E	100	G			0.9	144	7	MINDANAO, PHILIPPINES
29	15	22	02.9*	12.830	N	144.907	E	33	N			1.4	132	11	SOUTH OF MARIANA ISLANDS
29	15	52	03.8	34.140	N	139.270	E	10	G	4.6	3.9	1.3	112	46	NEAR S. COAST OF HONSHU, JAPAN
29	16	04	00.1	34.249	N	139.205	E	10	G	4.8	4.4	0.9	115	107	NEAR S. COAST OF HONSHU, JAPAN
29	16	12	50.4*	13.078	N	144.382	E	33	N	4.8		1.5	124	32	MARIANA ISLANDS
29	16	13	56.0	34.045	N	139.434	E	10	G	4.7		1.0	123	46	NEAR S. COAST OF HONSHU, JAPAN
29	16	22	14.8&	37.950	S	175.930	E	5						7	NORTH ISLAND, NEW ZEALAND. <WEL>. ML 3.1 (WEL).
29	16	23	47.4	7.330	S	123.689	E	600		4.7		1.1	71	33	BANDA SEA
29	16	27	55.2*	34.073	N	139.409	E	10	G	4.5		1.3	126	24	NEAR S. COAST OF HONSHU, JAPAN. Recorded (3 JMA) on Miyake-jima and (2 JMA) on O-shima. Recorded (1 JMA) in the Tateyama area and Kanagawa Prefecture, Honshu.
29	16	31	33.7%	46.723	N	12.010	E	10	G			0.8	223	5	NORTHERN ITALY. ML 1.8 (VIE).
29	16	48	19.7&	35.425	S	70.716	W	12						8	CHILE-ARGENTINA BORDER REGION. <GUC>. MD 3.7 (GUC).
29	16	49	15.2?	33.98	N	137.58	E	10	G			1.2	153	5	NEAR S. COAST OF HONSHU, JAPAN
29	16	54	28.5?	33.99	N	139.23	E	10	G			1.7	205	8	SOUTHEAST OF HONSHU, JAPAN
29	17	14	48.0&	32.528	S	71.571	W	15						8	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 3.9 (GUC).
29	17	32	27.7*	33.920	N	139.460	E	10	G	4.1		1.2	134	16	SOUTHEAST OF HONSHU, JAPAN
29	17	37	57.9*	13.523	N	144.040	E	33	N	4.5		0.9	97	15	MARIANA ISLANDS
29	17	43	47.8*	51.117	N	15.896	E	5	G			1.0	213	6	POLAND
29	17	44	43.3*	36.346	N	138.669	E	166	*	4.4		1.1	125	25	EASTERN HONSHU, JAPAN. Recorded (1 JMA) in parts of Gumma, Ibaraki, Kanagawa, Saitama, Tochigi and Yamanashi Prefectures.
29	18	54	03.9	33.997	N	139.350	E	10	G	4.4		1.1	126	23	SOUTHEAST OF HONSHU, JAPAN
29	19	22	19.4?	34.10	N	138.96	E	10	G			0.6	148	5	NEAR S. COAST OF HONSHU, JAPAN
29	19	27	26.0&	48.470	N	123.150	W	26						92	VANCOUVER ISLAND, CANADA REGION. <PGC-P>. ML 3.6 (PGC). MD 3.5 (SEA). Felt in the southern part of Vancouver Island and at Vancouver. Also felt on Lopez, San Fidalgo, San Juan and Whidbey Islands, Washington.
29	20	22	40.2	7.617	N	37.095	W	10	G	4.6		0.7	116	30	CENTRAL MID-ATLANTIC RIDGE
29	20	32	53.3?	46.02	N	14.18	E	10	G			0.1	125	4	NORTHWESTERN BALKAN REGION. ML 1.5 (VIE), 0.9 (LJU).
29	20	53	39.5*	33.892	N	139.053	E	10	G			1.4	126	12	SOUTHEAST OF HONSHU, JAPAN
29	21	03	19.4*	55.758	S	28.470	W	33	N	4.9		0.8	97	18	SOUTH SANDWICH ISLANDS REGION
29	23	20	56.8&	30.232	S	71.530	W	51						13	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.3 (GUC).
29	23	22	00.4?	6.38	N	72.80	W	33	N	4.3		0.8	293	20	NORTHERN COLOMBIA
29	23	22	52.2	29.796	N	42.880	W	10	G	4.5	4.0	0.9	86	59	NORTHERN MID-ATLANTIC RIDGE
30	00	34	03.1&	59.950	N	148.057	W	25						38	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.7 (AEIC).
30	01	21	41.2	40.840	S	175.088	E	33	N			0.2	122	11	NORTH ISLAND, NEW ZEALAND. ML 3.3 (WEL).
30	01	22	47.3*	44.783	N	148.047	E	92	*			0.9	186	9	KURIL ISLANDS
30	01	33	36.6*	12.818	N	144.889	E	33	N	4.5		1.3	131	22	SOUTH OF MARIANA ISLANDS
30	01	37	45.0	71.246	N	7.964	W	10	G	4.3		1.3	89	56	JAN MAYEN ISLAND REGION
30	01	51	21.8&	32.004	S	71.552	W	40						13	NEAR COAST OF CENTRAL CHILE. <GUC>. MD 4.0 (GUC). Felt (III) at Zapallar and (II) at Cabildo, La Ligua and Papudo.
30	01	52	10.8?	34.35	N	139.70	E	10	G			1.5	144	9	NEAR S. COAST OF HONSHU, JAPAN
30	02	09	36.7*	8.578	N	72.354	W	33	N	4.3		1.5	174	15	VENEZUELA
30	02	18	38.9&	34.798	N	116.279	W	5						6	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
30	03	13	36.5	51.719	N	16.258	E	5	G			1.1	112	26	POLAND. ML 3.4 (VIE), 3.2 (GRF), 3.0 (CLL), 3.0 (FUR), 2.9 (BRG).
30	03	27	28.2?	5.74	S	102.66	E	33	N			0.7	217	9	SOUTHERN SUMATERA, INDONESIA
30	03	31	24.5?	33.76	N	139.59	E	10	G			1.4	216	5	SOUTHEAST OF HONSHU, JAPAN
30	03	42	14.2&	32.174	S	72.081	W	36						9	OFF COAST OF CENTRAL CHILE. <GUC>. MD 4.0 (GUC).
30	04	38	32.8&	49.172	N	6.807	E	1	G					10	GERMANY. <LDG>. MD 3.0 (LDG). Mining induced event in the Lorraine region, France.
30	04	54	30.2&	15.823	N	60.792	W	29						9	LEEWARD ISLANDS. <FDF>. MD 2.6 (FDF).
30	06	12	27.5*	33.985	N	139.564	E	10	G			1.5	193	7	SOUTHEAST OF HONSHU, JAPAN
30	06	26	34.5	54.754	N	160.130	E	137		4.0		1.1	108	18	NEAR EAST COAST OF KAMCHATKA
30	07	08	42.8?	33.99	N	139.01	E	10	G			1.4	282	7	SOUTHEAST OF HONSHU, JAPAN
30	08	34	14.5	45.728	N	13.367	E	10	G			0.7	223	10	NORTHERN ITALY. ML 2.6 (VIE).
30	08	34	15.6	5.005	S	151.864	E	85	D	4.5		0.9	124	23	NEW BRITAIN REGION, P.N.G.
30	08	36	36.5&	17.014	N	100.317	W	74						4	GUERRERO, MEXICO. <UNM>. MD 3.9 (UNM).
30	08	41	42.8*	47.002	N	145.000	E	389	*	4.4		1.4	133	10	SEA OF OKHOTSK
30	09	20	52.0	17.928	N	102.953	W	31	D	4.4		1.2	201	66	NEAR COAST OF MICHOACAN, MEXICO. MD 4.5 (UNM).
30	09	41	00.6&	34.043	N	116.636	W	13						20	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.7 (PAS). Felt in the Palm Springs and Banning areas.
30	09	53	59.9	33.988	N	139.187	E	10	G	4.6	3.9	1.2	112	53	SOUTHEAST OF HONSHU, JAPAN. Recorded (3 JMA) on Kozu-shima and Miyake-jima; (1 JMA) on O-shima and in the Tateyama area, Honshu.
30	09	58	20.5&	14.639	N	60.209	W	30						10	WINDWARD ISLANDS. <FDF>. MD 2.9 (FDF).
30	10	11	24.7*	34.159	N	138.893	E	10	G			0.6	134	8	NEAR S. COAST OF HONSHU, JAPAN
30	10	26	30.0*	12.880	N	144.771	E	33	N	4.7	3.9	1.3	129	37	SOUTH OF MARIANA ISLANDS
30	10	36	00.6&	38.780	S	175.380	E	214						16	NORTH ISLAND, NEW ZEALAND. <WEL>.
30	11	42	49.2	34.230	N	139.316	E	10	G	4.7		1.0	133	66	NEAR S. COAST OF HONSHU, JAPAN. Recorded (3 JMA) on Kozu-shima, (2 JMA) on Miyake-jima and (1 JMA) on O-shima. Also recorded (1 JMA) in Kanagawa Prefecture and the Tateyama area, Honshu.
30	13	39	31.5*	21.484	S	178.950	W	572	?	4.3		0.9	76	27	FIJI ISLANDS REGION
30	14	12	34.1*	22.012	S	68.479	W	134	*	4.3		1.1	112	28	NORTHERN CHILE. Felt (III) at Calama.
30	14	28	20.9*	46.647	N	15.230	E	5	G			0.6	127	5	NORTHWESTERN BALKAN REGION. ML 2.2 (VIE).
30	15	02	42.8*	34.029	N	139.373	E	10	G	3.7		1.3	134	13	NEAR S. COAST OF HONSHU, JAPAN. Recorded (2 JMA) on Kozu-shima and Miyake-jima; (1 JMA) on O-shima.
30	15	49	05.8*	33.932	N	139.433	E	10	G			1.0	147	8	SOUTHEAST OF HONSHU, JAPAN
30	17	05	32.2*	43.180	N	46.318	E	88	*			0.6	159	9	EASTERN CAUCASUS
30	17	08	32.0&	41.180	S	172.750	E	188						9	SOUTH ISLAND, NEW ZEALAND. <WEL>.
30	17	41	16.9	34.073	N	139.374	E	10	G	4.8	4.5	1.1	125	76	NEAR S. COAST OF HONSHU, JAPAN. Recorded (3 JMA) on Kozu-shima and Miyake-jima; (2 JMA) on O-shima; (1 JMA) on Hachijo-jima. Also recorded (2 JMA) in Kanagawa and (1 JMA) in Chiba Prefectures, Honshu.

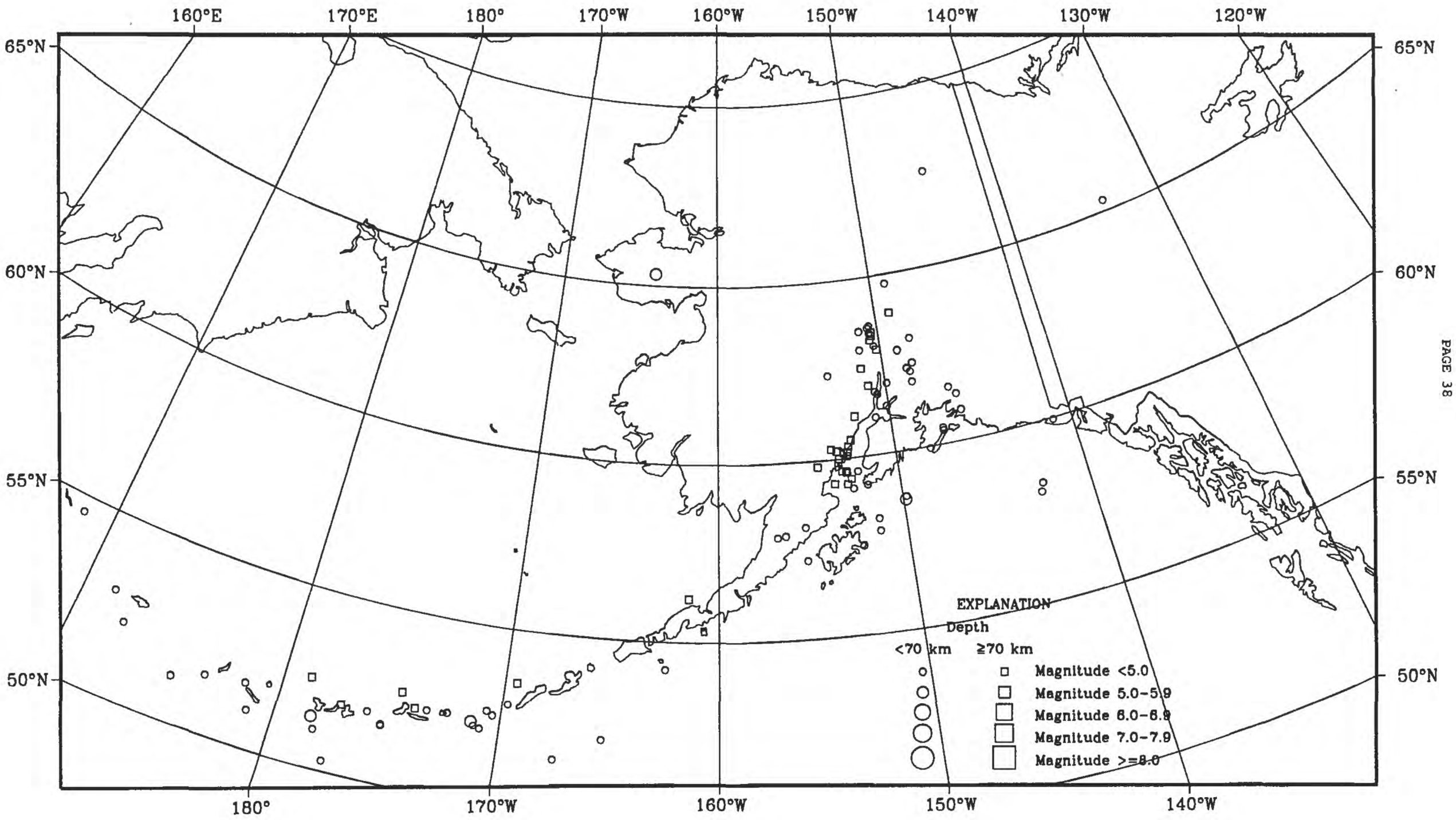
30	18	57	17.2	34.171	N	139.363	E	10	G	4.3 4.1	1.1	134	34	NEAR S. COAST OF HONSHU, JAPAN. Recorded (3 JMA) on Kozu-shima, (2 JMA) on Miyake-jima and (1 JMA) on O-shima. Also recorded (2 JMA) in Chiba and (1 JMA) in Kanagawa and Shizuoka Prefectures, Honshu.
30	19	01	48.0	51.583	N	16.208	E	5	G		1.1	106	15	POLAND. ML 3.0 (VIE), 2.4 (CLL).
30	19	04	38.7*	34.086	N	139.282	E	10	G		1.0	212	8	NEAR S. COAST OF HONSHU, JAPAN
30	19	11	44.2	34.088	N	139.264	E	10	G	4.5	1.0	125	33	NEAR S. COAST OF HONSHU, JAPAN
30	19	53	23.6	52.491	N	178.787	W	206		4.5	0.9	98	72	ANDREANOF ISLANDS, ALEUTIAN IS.
30	20	01	27.5?	34.02	N	139.94	E	10	G		0.5	300	5	NEAR S. COAST OF HONSHU, JAPAN
30	20	13	45.7?	3.27	S	138.54	E	33	N	3.7	1.2	167	7	IRIAN JAYA, INDONESIA
30	20	33	42.0	37.399	N	141.503	E	42	D	5.1 4.7	0.9	113	216	NEAR EAST COAST OF HONSHU, JAPAN. Mw 5.4 (HRV). Centroid, Moment Tensor (HRV): Centroid origin time 20:33:46.4; Lat 37.30 N; Lon 141.73 E; Dep 44.7; Half-duration 1.3 sec; Principal axes (scale 10**17 Nm): (T) Val=1.26, Plg=69, Azm=260; (N) Val=0.41, Plg=10, Azm=18; (P) Val=-1.67, Plg=18, Azm=111; Best double couple: Mo=1.5*10**17 Nm; NP1: Strike=218, Dip=28, Slip=112; NP2: Strike=13, Dip=64, Slip=78.
30	21	20	04.6*	34.066	N	139.325	E	10	G		1.3	126	14	NEAR S. COAST OF HONSHU, JAPAN
30	22	33	48.4&	50.666	N	6.124	E	13					8	GERMANY. <LDG>. ML 2.6 (LDG), 2.0 (GRF).
30	22	36	47.3&	39.230	S	177.470	E	36					14	OFF E. COAST OF N. ISLAND, N.Z. <WEL>. ML 3.4 (WEL).
30	23	32	26.6*	44.269	N	146.265	E	73		4.9	0.8	143	10	KURIL ISLANDS

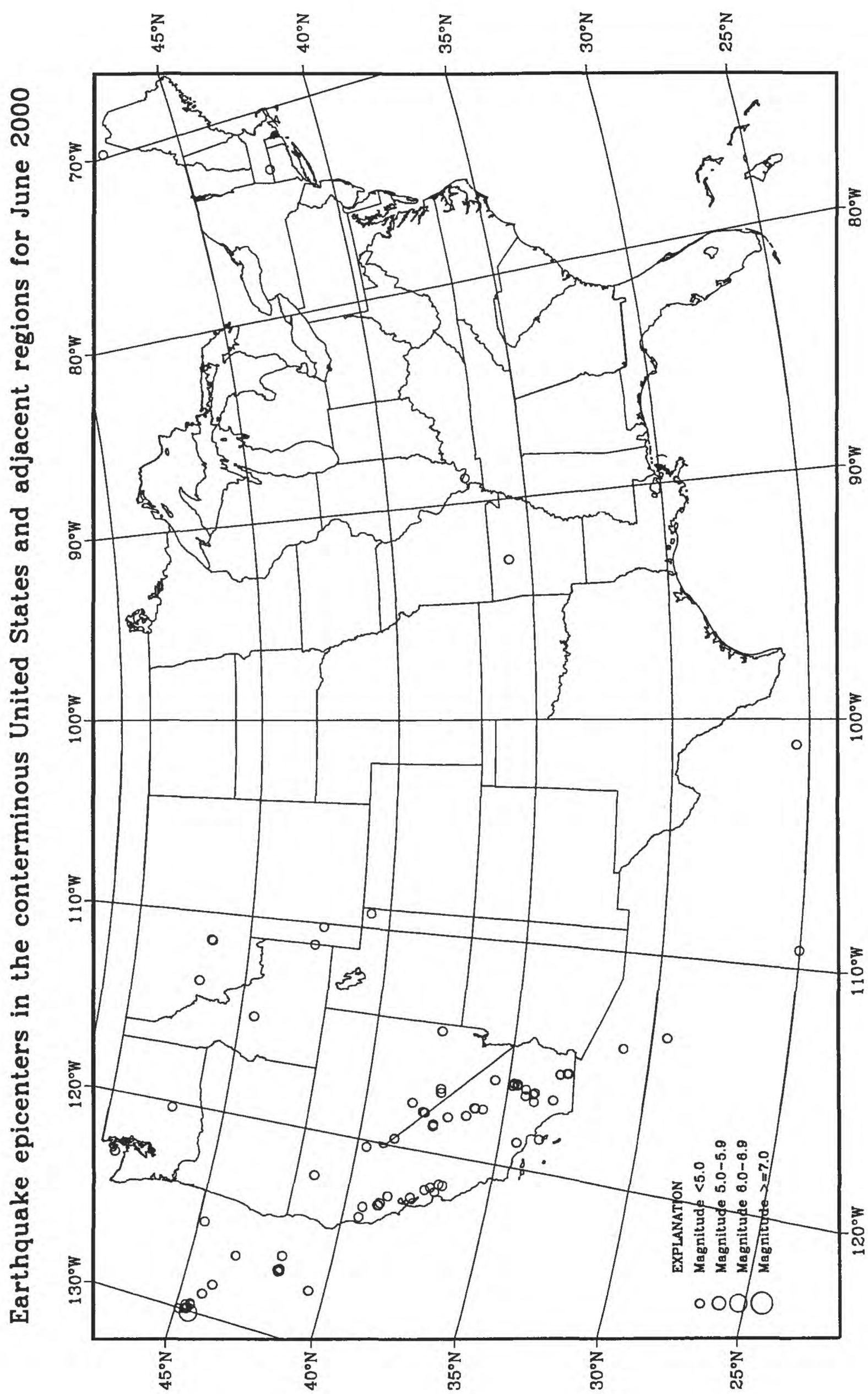
Compiled by John J. Bellini, Pamela J. Benfield, Don L. Blakeman, Charles G. Bufe, George L. Choy, Stuart K. Koyanagi, Brian C. Lassige, Alena L. Leeds, John H. Minsch, Waverly J. Person, Bruce W. Presgrave, Stuart A. Sipkin, William K. Smith, Trina F. Vithayathil and Madeleine D. Zirbes.

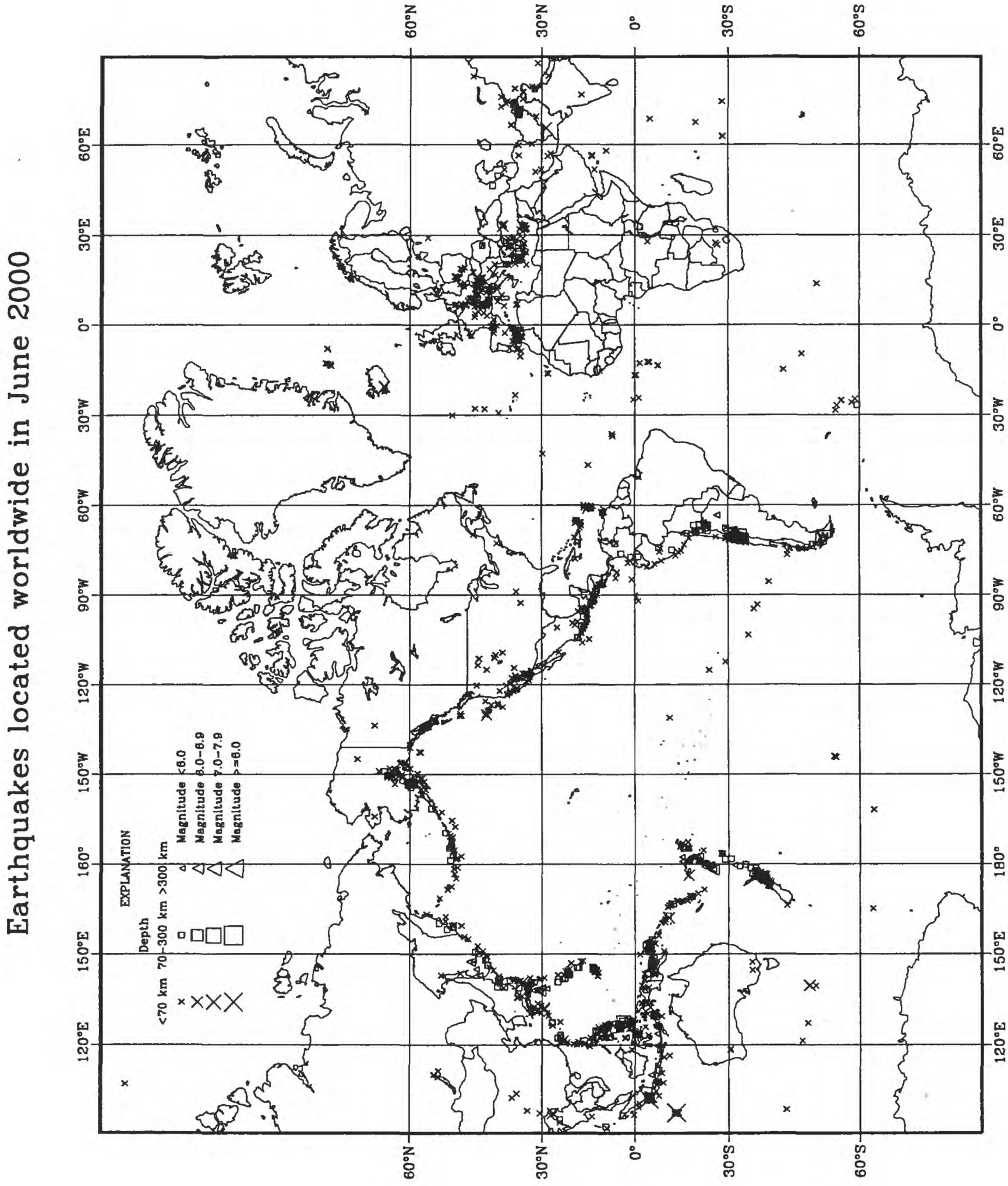
Earthquake Focal Mechanisms for June 2000



Earthquake epicenters in Alaska and adjacent regions for June 2000




Earthquake epicenters in the conterminous United States and adjacent regions for June 2000
45°N
40°N
35°N
30°N
25°N
70°W
80°W
90°W
100°W
110°W
120°W
130°W
EXPLANATION
Magnitude <5.0
Magnitude 5.0–5.9
Magnitude 6.0–6.9
Magnitude >=7.0


Earthquakes located worldwide in June 2000
EXPLANATION
Depth
<70 km 70-300 km >300 km
Magnitude <6.0
Magnitude 6.0-6.9
Magnitude 7.0-7.9
Magnitude >=8.0
60°N
30°N
0°
30°S
60°S
120°E
150°E
160°
150°W
120°W
90°W
60°W
30°W
0°
30°E
60°E