

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PRELIMINARY DETERMINATION OF EPICENTERS
MONTHLY LISTING

OCTOBER - DECEMBER 1993

NATIONAL EARTHQUAKE INFORMATION CENTER

Open File Report

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1993



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MONTHLY LISTING

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OCTOBER 1993

K DAY E Y	ORIGIN TIME UTC HR MN SEC	GEOGRAPHIC COORDINATES LAT LONG	DEPTH	MAGNITUDES GS MB Msz	SD	No. STA USED	REGION, CONTRIBUTED MAGNITUDES AND COMMENTS
01	01 02 43.5?	31.90 S 71.51 W	33 N			1.2 12	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
01	01 40 54.0&	40.408 N 124.740 W	21			25	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 2.9 (GM).
01	01 45 06.3?	42.89 N 145.21 E	71 *	3.9		0.5 6	HOKKAIDO, JAPAN REGION
01	02 00 52.8?	26.17 S 27.30 E	5 G			0.5 4	REPUBLIC OF SOUTH AFRICA
01	03 59 33.0	36.637 N 23.967 E	88 D	4.9		1.2 242	SOUTHERN GREECE
01	04 13 09.2	43.331 N 17.418 E	10 G			1.3 100	NORTHWESTERN BALKAN REGION. ML 4.2 (ZAG), 4.1 (VIE), 4.0 (TIR). Felt (VII) at Mostar, Bosnia and Herzegovina.
01	04 20 17.0&	33.912 N 118.620 W	6 G			7	SOUTHERN CALIFORNIA. <PAS-P>. MD 2.5 (PAS).
01	04 29 02.6?	40.15 N 27.47 E	10 G			0.8 4	TURKEY. ML 2.8 (ISK).
01	04 50 05.4	15.356 S 173.895 W	33 N	5.2		1.0 97	TONGA ISLANDS. Mo=2.5*10**17 Nm (PPT).
01	05 11 12.8	44.541 N 7.300 E	12			0.7 36	NORTHERN ITALY. ML 3.1 (GEN), 3.1 (LDG).
01	05 15 04.8	29.427 S 68.140 W	117 *			1.3 28	SAN JUAN PROVINCE, ARGENTINA
01	05 35 58.9&	44.545 N 7.255 E	10 G			0.3 10	NORTHERN ITALY. ML 2.1 (GEN).
01	06 02 28.8?	35.38 S 179.10 E	277 *	3.3		1.3 23	OFF E. COAST OF N. ISLAND, N.Z.
01	06 04 08.9?	31.30 S 69.93 W	143 ?			0.4 14	SAN JUAN PROVINCE, ARGENTINA. MD 4.3 (SAN).
01	06 04 58.7*	58.192 N 143.421 W	10 G			0.7 23	GULF OF ALASKA. ML 2.6 (AEIC).
01	06 29 27.7	39.225 N 21.556 E	10 G			0.9 14	GREECE. ML 2.7 (THE).
01	06 35 56.6&	60.965 N 147.668 W	22			87	SOUTHERN ALASKA. <AEIC>. ML 3.6 (AEIC), 3.6 (PMR).
01	06 47 01.2	39.858 N 19.893 E	5 G			1.2 18	GREECE-ALBANIA BORDER REGION. ML 2.9 (THE). MD 3.2 (ATH).
01	06 48 46.0	43.387 N 17.529 E	5 G			0.8 13	NORTHWESTERN BALKAN REGION
01	06 57 59.2&	39.494 N 21.707 E	10 G			0.3 5	GREECE
01	07 32 17.5&	40.143 N 23.909 E	5 G			0.9 10	GREECE. ML 2.3 (THE).
01	07 49 26.9*	44.715 S 167.083 E	64 ?	3.7		0.9 30	SOUTH ISLAND, NEW ZEALAND
01	07 51 25.2*	32.829 S 71.600 W	23			1.2 13	NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN).
01	09 10 45.3	40.477 N 21.850 E	10 G			0.6 7	GREECE. ML 2.2 (THE).
01	09 16 18.3	6.897 N 73.096 W	169	4.5		1.3 21	NORTHERN COLOMBIA
01	10 16 30.9?	39.14 N 27.54 E	10 G			0.3 4	TURKEY. ML 2.9 (ISK).
01	10 42 39.4	43.459 S 169.896 E	5 G	3.5		1.0 33	SOUTH ISLAND, NEW ZEALAND
01	10 45 47.5*	14.246 N 92.943 W	73 *	4.7		1.4 11	NEAR COAST OF CHIAPAS, MEXICO. MD 4.6 (GCG).
01	10 57 01.9?	39.08 N 27.75 E	10 G			0.7 4	TURKEY. ML 2.8 (ISK).
01	11 48 17.5?	42.37 N 122.01 W	5 G			0.4 9	OREGON. ML 2.6 (GS).
01	12 01 17.0&	62.865 N 150.569 W	96			63	CENTRAL ALASKA. <AEIC>.
01	13 27 23.6?	40.12 N 29.26 E	10 G			0.5 4	TURKEY. ML 2.6 (ISK).
01	13 28 22.6?	42.49 N 24.08 E	33 N			1.4 7	BULGARIA
01	13 40 28.9*	41.317 N 24.339 E	5 G			0.7 7	GREECE-BULGARIA BORDER REGION. ML 2.3 (THE), 1.9 (SKO).
01	13 43 22.6	43.178 N 139.110 E	57 *	4.7 4.2		1.1 68	EASTERN SEA OF JAPAN
01	13 52 04.6	26.348 S 27.689 E	5 G			1.1 8	REPUBLIC OF SOUTH AFRICA. ML 2.8 (PRE). mbLg 3.1 (BUL).
01	14 02 39.0&	40.125 N 28.790 E	5 G			0.5 5	TURKEY. ML 2.7 (ISK).
01	14 44 01.4&	38.750 S 175.678 E	169 *			0.7 34	NORTH ISLAND, NEW ZEALAND
01	15 10 42.2	11.734 N 87.165 W	31 D	4.9 5.1		1.2 61	NEAR COAST OF NICARAGUA. MD 5.0 (UPA).
01	16 40 53.2&	41.269 N 22.709 E	10 G			0.6 9	NORTHWESTERN BALKAN REGION
01	17 27 25.1	22.949 S 65.953 W	271 D	4.7		1.3 59	JUJUY PROVINCE, ARGENTINA
01	18 16 18.4&	58.089 N 151.809 W	63			50	KODIAK ISLAND REGION. <AEIC>. ML 3.0 (AEIC).
01	18 36 07.9?	36.34 N 29.23 E	10 G			1.2 5	TURKEY. ML 3.2 (ISK).
01	18 44 00.2*	31.840 S 70.656 W	100 G			0.6 11	CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
01	19 28 35.3?	43.36 N 0.01 W	10 G			1.3 5	PYRENEES. ML 2.6 (LDG).
01	21 17 23.5&	43.907 N 8.514 E	10 G			0.2 7	CORSICA. ML 2.3 (GEN).
01	21 57 18.8	37.980 S 175.931 E	225	4.7		1.4 53	NORTH ISLAND, NEW ZEALAND
01	21 59 02.6&	61.866 N 149.206 W	37			56	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
01	22 27 05.5*	33.693 S 179.198 W	33 N	4.2		0.7 8	SOUTH OF KERMADEC ISLANDS
01	22 40 09.7*	47.788 N 130.709 E	33 N	4.6		1.4 21	E. RUSSIA-N.E. CHINA BORDER REG. ML 4.8 (BJI).
01	23 46 35.8&	61.729 N 150.859 W	51			47	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
a 02	00 06 01.4	24.038 S 64.462 W	21 D	5.2 5.7	1.1	97	SALTA PROVINCE, ARGENTINA. Mw 5.4 (HRV). Felt (IV) in Salta and Tucuman Provinces. Also felt in Santiago del Estero Province.
02	00 20 32.5*	14.948 N 95.010 W	33 N	4.4		1.4 13	OFF COAST OF OAXACA, MEXICO

02	01	17	30.4	39.066	N	69.966	E	14	D	5.0	4.4	1.1	78	TAJIKISTAN. ML 4.8 (BJI).
02	02	15	42.8*	45.038	N	9.045	E	10	G			0.8	15	NORTHERN ITALY. ML 2.6 (GEN), 2.5 (LDG).
02	02	26	46.2*	17.887	N	101.578	W	62	?	4.2		1.2	14	NEAR COAST OF GUERRERO, MEXICO
02	02	51	28.6	50.147	S	138.892	E	10	G	5.3	4.9	1.2	61	SOUTH OF AUSTRALIA
02	03	00	43.3?	50.03	S	138.60	E	10	G	4.2		1.2	11	SOUTH OF AUSTRALIA
02	03	02	03.3	15.387	N	92.810	W	107	D	4.5		1.2	80	MEXICO-GUATEMALA BORDER REGION. MD 4.6 (GCG).
02	03	16	13.1%	40.290	N	23.169	E	10	G			0.4	7	GREECE. ML 2.1 (THE).
02	03	23	21.2%	9.915	N	68.680	W	10	G			0.9	9	VENEZUELA
02	04	00	37.7	38.443	N	22.176	E	10	G			0.8	15	GREECE. ML 3.2 (ATH), 3.0 (THE).
02	04	03	14.7%	26.887	S	26.736	E	5	G			1.0	5	REPUBLIC OF SOUTH AFRICA. ML 2.6 (PRE).
02	04	11	09.4	8.703	N	71.496	W	33	N	4.5		1.0	29	VENEZUELA
02	04	18	48.3	39.494	N	26.439	E	10	G			1.5	18	TURKEY. ML 3.6 (ISK). MD 3.3 (ATH).
02	04	23	40.6	19.000	S	167.667	E	10	G	5.0	4.1	1.0	61	VANUATU ISLANDS REGION
02	04	25	56.5%	45.477	S	166.903	E	137	?			0.2	13	OFF W. COAST OF S. ISLAND, N.Z.
02	04	37	27.3	18.896	S	167.639	E	35	D	4.9	4.7	0.9	72	VANUATU ISLANDS
02	04	45	17.3	18.987	S	167.628	E	31	D	4.9		1.0	41	VANUATU ISLANDS
02	04	54	36.3	39.480	N	26.321	E	10	G			1.2	10	TURKEY. ML 3.4 (ISK). MD 3.1 (ATH).
02	05	14	51.3	39.677	N	25.759	E	10	G			1.5	22	AEGEAN SEA. ML 3.6 (ISK), 3.6 (ATH), 3.3 (THE).
02	05	29	43.0*	40.641	N	21.358	E	5	G			0.6	6	GREECE. ML 2.3 (THE).
02	06	02	39.9*	34.725	S	70.782	W	90	G			0.7	13	CHILE-ARGENTINA BORDER REGION. MD 4.0 (SAN).
02	06	31	04.8%	63.146	N	151.262	W	12					81	CENTRAL ALASKA. <AEIC>. ML 3.7 (AEIC), 3.9 (PMR).
02	06	39	48.6?	31.61	S	68.00	W	33	N			0.9	4	SAN JUAN PROVINCE, ARGENTINA
02	06	52	52.2	1.592	N	126.770	E	101	*	5.2		0.9	41	NORTHERN MOLUCCA SEA
02	08	30	43.8%	35.400	N	117.823	W	5					10	CENTRAL CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
02	08	30	53.0	60.406	N	4.951	E	5	G			0.2	8	SOUTHERN NORWAY. MD 1.8 (BER).
f 02	08	42	32.7	38.190	N	88.663	E	14	G	6.2	6.3	1.1	556	SOUTHERN XINJIANG, CHINA. Mw 6.0 (GS), 6.1 (HRV). Ms 5.8 (BRK). Two events about 1.5 seconds apart. Depth from broadband displacement seismograms, based on second event.
02	09	00	13.6	53.049	N	158.611	E	122		5.0		0.8	105	NEAR EAST COAST OF KAMCHATKA
02	09	20	12.2*	38.206	N	89.284	E	10	G	4.9		1.0	18	SOUTHERN XINJIANG, CHINA
02	09	43	19.5	38.169	N	88.605	E	14	D	5.8	5.3	0.9	355	SOUTHERN XINJIANG, CHINA
02	10	18	40.3%	44.230	N	8.264	E	10	G			0.1	7	NORTHERN ITALY. ML 1.9 (GEN).
02	10	30	17.3	4.763	N	94.960	E	70	D	5.3		0.9	144	OFF W COAST OF NORTHERN SUMATERA
02	11	58	04.1%	58.473	N	152.956	W	76					37	KODIAK ISLAND REGION. <AEIC>.
02	13	53	56.2*	45.246	N	151.783	E	44	D	4.5		1.1	15	KURIL ISLANDS
02	13	59	53.6%	40.301	N	124.375	W	9					26	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 2.8 (GM).
02	14	07	00.3%	45.887	N	3.790	E	10	G			0.2	8	FRANCE. ML 1.8 (LDG).
02	14	53	04.7*	9.325	N	127.098	E	10	G	4.4		1.3	9	PHILIPPINE ISLANDS REGION
a 02	15	54	05.5	37.552	N	140.459	E	102		5.0		0.9	152	EASTERN HONSHU, JAPAN. Mw 5.0 (HRV).
a 02	16	02	00.7	3.444	S	148.805	E	37	D	5.2	5.9	1.1	87	BISMARCK SEA. Mw 6.0 (HRV). Mo=1.6*10**18 Nm (PPT).
02	16	11	18.3	35.729	N	24.205	E	10	G	3.4		0.8	6	CRETE. MD 3.5 (ATH).
02	16	24	04.2	41.210	N	21.965	E	10	G			0.9	7	NORTHWESTERN BALKAN REGION. ML 2.4 (THE).
02	16	46	32.9	5.617	S	154.283	E	417		4.7		1.0	32	SOLOMON ISLANDS
02	16	46	47.6	46.330	N	13.055	E	10	G			1.0	79	AUSTRIA. ML 4.3 (GRF), 3.9 (FUR), 3.7 (LDG), 3.7 (VIE). MD 3.6 (LJU). Felt (IV) at Hermagor.
02	17	23	33.3	38.171	N	88.690	E	14	D	5.6	5.0	1.0	218	SOUTHERN XINJIANG, CHINA
02	18	38	11.8*	45.336	N	145.996	E	33	N	4.7		0.8	36	HOKKAIDO, JAPAN REGION
02	19	16	43.0*	38.079	N	88.831	E	10	G	3.8		1.2	7	SOUTHERN XINJIANG, CHINA
02	19	42	33.9%	63.138	N	150.786	W	130		4.2			106	CENTRAL ALASKA. <AEIC>.
02	19	45	30.1?	40.54	N	29.83	E	10	G			0.2	4	TURKEY. ML 2.7 (ISK).
02	19	55	09.7%	60.842	N	151.760	W	91					37	KENAI PENINSULA, ALASKA. <AEIC>.
02	21	02	30.8*	58.064	N	143.022	W	10	G			0.5	23	GULF OF ALASKA. ML 2.7 (AEIC).
02	21	06	54.4?	41.28	N	19.98	E	10	G			1.2	4	ALBANIA. ML 2.7 (TIR).
02	21	10	01.1	41.131	N	20.186	E	10	G			1.1	7	ALBANIA. ML 2.8 (TIR).
02	22	10	44.1*	5.971	S	149.178	E	103	*	4.6		1.5	9	NEW BRITAIN REGION, P.N.G.
02	22	28	40.6*	36.681	N	29.067	E	10	G			0.5	5	TURKEY. ML 3.4 (ISK).
02	23	04	46.4	25.147	N	96.326	E	33	N	4.0		1.2	11	MYANMAR
02	23	49	59.7	38.359	N	88.878	E	10	G	4.8		1.3	25	SOUTHERN XINJIANG, CHINA
03	01	11	57.5	39.954	N	22.483	E	10	G	3.5		1.3	29	GREECE. ML 3.6 (ATH), 3.5 (TIR), 3.4 (THE).
03	01	47	13.5%	60.548	N	151.017	W	45					56	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.8 (AEIC).
03	02	06	49.1?	13.93	N	92.92	W	33	N			1.4	5	OFF COAST OF CHIAPAS, MEXICO. MD 4.4 (GCG).
03	03	33	13.7%	18.633	N	66.202	W	33	N			0.6	7	PUERTO RICO REGION
03	05	13	00.0?	7.95	S	120.20	E	183	*			1.4	8	FLORES SEA
03	05	18	11.8?	30.74	S	68.40	W	33	N			1.5	6	SAN JUAN PROVINCE, ARGENTINA
03	05	54	58.4%	17.122	N	99.819	W	33	N			0.5	8	GUERRERO, MEXICO
03	06	58	33.6%	39.164	N	21.340	E	10	G			0.9	10	GREECE. ML 2.6 (THE).
03	07	13	26.5	20.138	N	121.421	E	41	*	4.7		1.0	32	PHILIPPINE ISLANDS REGION
03	07	42	24.3%	41.713	N	27.391	E	10	G			0.5	7	TURKEY. ML 3.0 (ISK).
03	08	13	14.4?	8.66	S	121.65	E	168	?	4.8		1.2	9	FLORES REGION, INDONESIA
03	08	15	54.3	5.207	N	125.374	E	198		5.0		1.1	79	MINDANAO, PHILIPPINE ISLANDS
03	08	27	45.5	38.752	N	22.163	E	10	G			0.7	13	GREECE. ML 3.2 (ATH), 2.8 (THE).
03	08	28	42.1	12.958	N	88.720	W	75		4.6		1.0	31	OFF COAST OF CENTRAL AMERICA. Felt (III) at San Salvador, El Salvador.
03	08	41	20.2%	26.187	S	28.146	E	5	G			0.5	6	REPUBLIC OF SOUTH AFRICA. ML 2.4 (PRE).
03	09	19	47.5%	62.401	N	151.153	W	89					68	CENTRAL ALASKA. <AEIC>.
03	10	32	58.0?	42.23	N	122.02	W	5	G			0.8	12	OREGON. ML 2.5 (GS).
03	10	54	26.6*	40.038	N	123.487	E	10	G			1.2	6	NORTHEASTERN CHINA. ML 4.0 (BJI).
03	10	56	17.1%	39.255	N	21.632	E	10	G			1.5	7	GREECE. ML 2.5 (THE).
03	11	36	45.5%	40.299	N	124.384	W	9					35	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 3.3 (GM). ML 3.4 (BRK).
03	11	36	58.9	44.543	N	9.947	E	11				0.6	25	NORTHERN ITALY. ML 3.0 (LDG), 2.8 (GEN).
03	13	23	54.0*	6.125	S	146.644	E	33	N	3.9		0.8	5	EASTERN NEW GUINEA REG., P.N.G.
03	13	49	58.2?	31.60	S	69.53	W	33	N			1.4	5	SAN JUAN PROVINCE, ARGENTINA
03	13	52	24.3	17.796	N	62.747	W	10	G			0.7	15	LEEWARD ISLANDS. MD 4.2 (TRN).
03	14	03	42.2	40.380	N	25.953	E	5	G			0.8	11	AEGEAN SEA. ML 3.3 (THE).
03	14	03	58.2?	40.15	N	26.25	E	10	G			0.4	7	TURKEY
03	14	20	00.3	51.021	N	174.605	W	33	N	4.3		0.9	42	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.6 (PMR).
03	14	38	36.0	4.650	S	149.346	E	591	*	4.5		0.9	29	BISMARCK SEA
03	15	00	31.8%	63.757	N	148.406	W	9					39	CENTRAL ALASKA. <AEIC>. ML 2.8 (AEIC).
03	15	05	30.8	38.815	N	142.810	E	5	G	4.6		1.4	14	NEAR EAST COAST OF HONSHU, JAPAN
03	15	07	09.5%	61.417	N	149.735	W	38					48	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
03	15	24	33.3%	40.674	N	23.406	E	10	G			0.4	7	GREECE. ML 1.9 (THE).

03	15	26	54.2%	40.699	N	23.413	E	10	G	0.3	7	GREECE. ML 2.0 (THE).
03	15	43	31.2?	31.12	S	68.52	W	130	?	0.3	8	SAN JUAN PROVINCE, ARGENTINA
03	16	28	12.6	43.788	N	16.204	E	10	G	4.0	1.3	64 NORTHWESTERN BALKAN REGION. ML 3.9 (LDG), 3.7 (VIE), 3.5 (ROM), 3.3 (TIR). Felt in the Sibenik-Sinj-Split area, Croatia.
03	16	40	11.2?	6.94	S	147.36	E	79	*	3.8	0.3	6 EASTERN NEW GUINEA REG., P.N.G.
03	17	04	28.8	30.505	S	67.434	W	33	N		0.7	7 SAN JUAN PROVINCE, ARGENTINA
03	17	49	04.0*	28.803	N	34.656	E	10	G	3.7	1.1	6 EGYPT. MD 3.9 (HLW).
03	18	12	11.1*	9.763	S	114.471	E	33	N	4.3	1.0	7 SOUTH OF BALI, INDONESIA
03	18	15	11.6	43.591	N	8.935	E	10	G		0.7	14 CORSICA. ML 2.5 (GEN), 2.5 (LDG).
03	18	17	16.2%	61.252	N	151.004	W	53				88 SOUTHERN ALASKA. <AEIC>. ML 3.3 (AEIC), 3.9 (PMR).
03	19	16	33.6%	58.310	N	142.663	W	10	G			11 GULF OF ALASKA. <AEIC>. ML 2.5 (AEIC).
03	19	24	10.8*	5.346	S	151.489	E	50	G	4.4 3.8	0.8	8 NEW BRITAIN REGION, P.N.G.
03	19	46	52.8%	37.560	N	118.888	W	6				59 CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.4 (GM). ML 3.6 (BRK), 3.3 (GS).
03	20	13	46.9*	34.926	N	3.080	W	33	N		1.2	7 MOROCCO. mbLg 2.7 (MDD). Felt (III) in the Melilla area.
03	21	03	14.5%	37.558	N	118.889	W	6				37 CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.2 (GM). ML 3.0 (GS), 3.3 (BRK).
03	21	20	08.1*	35.048	N	3.114	W	33	N		1.0	6 STRAIT OF GIBRALTAR. mbLg 2.8 (MDD). Felt (III) in the Nador area, Morocco.
03	21	24	09.6%	45.071	N	2.936	E	10	G		1.0	6 FRANCE. ML 1.8 (LDG).
03	21	32	37.9*	14.012	N	93.026	W	33	N	3.8	1.0	9 NEAR COAST OF CHIAPAS, MEXICO. MD 4.4 (GCG).
03	21	49	35.4	15.364	N	94.878	W	31		4.9	1.1	76 NEAR COAST OF OAXACA, MEXICO
03	22	39	27.2	43.675	N	10.311	E	16			1.2	23 CENTRAL ITALY. ML 2.9 (LDG), 2.9 (GEN). MD 2.9 (FIR).
03	23	48	34.1	60.052	N	7.322	E	5	G		0.8	10 SOUTHERN NORWAY. MD 2.5 (BER).
03	23	54	11.7	13.061	N	145.280	E	81		5.2	1.0	88 MARIANA ISLANDS. Felt (III) in northern Guam. Also felt at Windward Hills, Agana and Tamuning, Guam.
a 04	00	05	58.0%	36.849	N	4.582	W	33	N		0.7	7 STRAIT OF GIBRALTAR. mbLg 2.6 (MDD).
a 04	00	48	25.2	19.154	N	121.236	E	64	*	4.8	1.2	45 PHILIPPINE ISLANDS REGION. Mw 5.2 (HRV).
04	01	42	56.1	33.659	S	70.481	W	10	G		0.7	9 CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).
04	02	57	36.7%	34.013	N	116.343	W	2				23 SOUTHERN CALIFORNIA. <PAS-P>. ML 3.6 (PAS), 3.2 (GS). Felt.
04	03	09	53.4*	45.155	N	150.806	E	67	?	4.4	1.2	22 KURIL ISLANDS
04	03	31	50.4*	26.814	S	27.114	E	5	G		0.9	5 REPUBLIC OF SOUTH AFRICA. ML 3.1 (PRE). mbLg 3.1 (BUL).
04	03	40	35.0%	17.849	N	66.791	W	25	*		0.1	7 PUERTO RICO REGION
04	04	02	49.3*	34.638	S	68.007	W	104	?		0.9	13 MENDOZA PROVINCE, ARGENTINA
04	04	34	39.6	1.935	S	78.082	W	66		5.0	0.9	88 ECUADOR
04	05	46	09.4*	43.059	N	0.302	W	10	G		0.4	5 PYRENEES. ML 2.7 (LDG). mbLg 2.4 (MDD). Felt (II) at Asson and Pierrefitte, France.
a 04	06	29	29.3*	6.171	S	142.609	E	33	N	4.2	1.5	7 NEW GUINEA, PAPUA NEW GUINEA
a 04	06	39	16.1	30.599	N	137.671	E	480		5.3	0.9	317 SOUTH OF HONSHU, JAPAN. Mw 5.8 (HRV).
04	07	07	01.3?	42.27	N	20.93	E	10	G		1.2	5 NORTHWESTERN BALKAN REGION
04	07	28	57.8%	44.041	N	0.040	E	10	G		0.7	5 FRANCE. ML 2.1 (LDG).
04	07	49	52.2%	32.532	N	104.447	E	10	G		1.3	6 SICHUAN, CHINA. ML 3.9 (BJI).
04	07	49	52.6%	60.466	N	153.136	W	139				56 SOUTHERN ALASKA. <AEIC>.
04	08	14	37.5%	40.410	N	22.746	E	10	G		1.2	11 GREECE. ML 2.0 (THE).
04	09	08	49.7%	38.899	N	27.018	E	10	G		0.4	5 TURKEY. ML 3.0 (ISK).
04	09	21	50.6%	33.333	N	116.325	W	11				5 SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
04	09	42	21.1%	39.117	N	27.568	E	10	G		0.3	5 TURKEY. ML 2.8 (ISK).
04	10	16	08.7%	39.951	N	22.461	E	5	G		0.7	9 GREECE. ML 2.0 (THE).
04	10	47	42.9%	39.113	N	27.636	E	10	G		0.1	5 TURKEY. ML 2.7 (ISK).
04	11	08	51.9?	31.58	S	71.54	W	33	N		1.2	6 NEAR COAST OF CENTRAL CHILE
04	11	43	39.2%	40.571	N	29.203	E	10	G		1.3	5 TURKEY. ML 2.7 (ISK).
04	12	39	48.7*	60.200	N	5.023	E	5	G		0.2	5 SOUTHERN NORWAY. MD 1.5 (BER).
04	12	52	42.5?	39.09	N	27.75	E	10	G		0.2	4 TURKEY. ML 2.8 (ISK).
04	12	57	14.3?	23.62	S	66.75	W	250	?		0.5	5 JUJUY PROVINCE, ARGENTINA
04	13	30	29.0?	44.31	N	7.22	E	5	G		0.0	4 NORTHERN ITALY. ML 1.5 (GEN).
04	13	34	41.9?	38.90	N	23.51	E	10	G		0.8	7 GREECE. ML 2.2 (THE).
04	14	10	33.1*	28.935	S	69.963	W	16			0.7	9 CHILE-ARGENTINA BORDER REGION
04	14	19	37.6?	55.55	N	166.30	E	33	N	4.4	1.0	7 KOMANDORSKY ISLANDS REGION
04	14	27	33.9%	41.256	N	29.008	E	10	G		0.4	9 TURKEY. ML 3.0 (ISK).
04	14	29	54.7%	39.622	N	29.513	E	10	G		0.1	5 TURKEY. ML 2.8 (ISK).
04	14	48	50.3	23.034	S	69.261	W	145	*		1.0	10 NORTHERN CHILE
04	15	03	01.6%	35.011	N	116.965	W	4				7 CENTRAL CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
04	15	02	12.5?	37.69	S	179.44	E	10	G		1.3	11 OFF E. COAST OF N. ISLAND, N.Z. ML 3.8 (WEL).
04	15	03	46.5	44.401	N	7.589	E	10	G		0.7	11 NORTHERN ITALY. ML 2.2 (LDG).
04	15	16	43.0%	41.118	N	28.508	E	10	G		0.2	7 TURKEY. ML 2.8 (ISK).
04	16	14	11.3?	18.25	N	67.16	W	30	*		0.4	6 MONA PASSAGE
04	16	34	25.8%	38.743	S	175.650	E	170	*		0.7	24 NORTH ISLAND, NEW ZEALAND
04	16	43	38.3	7.723	S	131.027	E	52	*	4.9	1.2	15 TANIMBAR ISLANDS REG., INDONESIA
04	18	11	03.7?	62.52	N	4.52	E	5	G		0.7	6 NORWEGIAN SEA. MD 2.1 (BER).
04	18	55	35.6*	10.378	N	94.243	E	33	N	4.4	1.4	14 ANDAMAN ISLANDS, INDIA
04	19	13	23.8*	20.763	S	69.050	W	157	*		1.0	12 NORTHERN CHILE
04	20	04	37.1	44.808	N	7.231	E	10	G		0.9	17 NORTHERN ITALY. ML 2.3 (GEN), 1.9 (LDG).
04	20	28	59.7*	31.493	S	68.508	W	102	?		0.2	8 SAN JUAN PROVINCE, ARGENTINA
04	20	50	25.6%	40.453	N	27.776	E	10	G		0.4	5 TURKEY. ML 2.5 (ISK).
a 04	20	54	38.3	21.437	S	174.301	W	34	D	5.8 5.7	1.0	256 TONGA ISLANDS. Mw 6.0 (GS), 5.7 (HRV). Ms 5.7 (BRK). Mo=8.3*10**17 Nm (PPT).
04	21	14	46.2	45.376	N	6.801	E	10	G		1.0	20 FRANCE. ML 2.5 (LDG), 2.4 (GEN).
04	22	22	59.0*	40.284	N	20.272	E	5	G		1.2	9 GREECE-ALBANIA BORDER REGION. ML 2.5 (THE).
04	23	57	14.8*	31.108	S	68.427	W	100	G		1.1	16 SAN JUAN PROVINCE, ARGENTINA. MD 4.0 (SAN).
05	00	22	40.5	10.401	N	94.254	E	28	D	4.7	1.1	22 ANDAMAN ISLANDS, INDIA
05	00	53	53.4%	63.168	N	150.742	W	132				88 CENTRAL ALASKA. <AEIC>.
05	00	57	12.5*	62.337	N	4.956	E	5	G		0.6	6 NORWEGIAN SEA. MD 2.2 (BER).
05	01	02	39.5	43.121	N	0.558	W	10	G		0.5	7 PYRENEES. ML 1.0 (STR).
05	01	40	35.6%	38.807	N	30.358	E	10	G		0.4	6 TURKEY. ML 3.1 (ISK).
05	01	59	56.6	41.667	N	88.695	E	0	G	5.9 4.7	0.9	502 SOUTHERN XINJIANG, CHINA. Underground nuclear explosion (DOE press release).
05	02	24	09.8	38.135	N	112.622	W	5	G		0.6	13 UTAH. ML 3.1 (GS). MD 3.1 (SLC).
05	02	24	46.9%	26.336	S	27.708	E	5	G		1.1	6 REPUBLIC OF SOUTH AFRICA. ML 2.8 (PRE).
05	02	28	00.5	34.057	S	70.540	W	10	G		1.1	11 CHILE-ARGENTINA BORDER REGION. MD 3.8 (SAN).
05	02	34	49.2	34.403	N	27.608	E	33	N	4.6	1.3	68 EASTERN MEDITERRANEAN SEA

05	02	37	24.5*	34.654 N	27.758 E	51 ?	4.2	1.2	15	EASTERN MEDITERRANEAN SEA
05	03	12	46.8	15.647 N	95.034 W	53	4.5	1.0	42	NEAR COAST OF OAXACA, MEXICO
05	04	05	06.9?	3.14 S	129.45 E	102 ?	4.7	1.0	7	SERAM, INDONESIA
05	04	24	16.1*	29.940 N	109.089 W	10 G		0.9	14	SONORA, MEXICO. ML 4.0 (GS).
05	04	34	58.4%	33.385 S	70.561 W	90 G		0.3	10	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
a 05	05	09	45.7	6.130 S	128.965 E	13 D	5.9 6.1	1.2	245	BANDA SEA. Mw 6.6 (GS), 6.4 (HRV). Mo=1.6*10**19 Nm (PPT).
05	05	37	32.4	41.238 N	141.976 E	68	5.0	1.1	147	HOKKAIDO, JAPAN REGION
05	06	04	04.8*	37.264 N	28.482 E	10 G		0.4	5	TURKEY
05	06	26	52.3%	28.011 S	65.549 W	33 N		0.7	5	SANTIAGO DEL ESTERO PROV., ARG.
05	08	01	51.5%	39.130 N	27.722 E	10 G		0.5	5	TURKEY. ML 2.8 (ISK).
05	08	02	16.9%	40.373 N	23.257 E	5 G		0.8	5	GREECE. ML 1.8 (THE).
05	08	33	15.0*	18.820 N	145.252 E	598 *	4.7	0.8	24	MARIANA ISLANDS
05	09	26	36.4?	40.69 N	30.55 E	5 G		0.8	4	TURKEY. ML 2.8 (ISK).
05	09	58	25.5%	37.046 N	5.435 W	10 G		1.1	8	SPAIN. mbLg 2.8 (MDD).
05	10	03	35.4*	14.319 N	93.603 W	44 *	4.4	1.5	36	NEAR COAST OF CHIAPAS, MEXICO
05	10	29	17.3%	26.889 S	26.692 E	5 G		0.6	6	REPUBLIC OF SOUTH AFRICA. ML 2.5 (PRE).
05	11	17	44.3	44.936 S	166.706 E	33 N	4.3	1.0	21	OFF W. COAST OF S. ISLAND, N.Z.
05	11	27	21.8?	40.76 S	90.50 E	10 G	4.7 5.0	0.9	8	SOUTHEAST INDIAN RIDGE
05	11	58	06.2%	26.880 S	26.652 E	5 G		0.8	6	REPUBLIC OF SOUTH AFRICA. ML 2.3 (PRE).
05	12	35	58.2	38.170 N	28.702 E	10 G		0.8	23	TURKEY. ML 3.7 (ISK). Felt at Denizli.
05	13	43	40.2*	10.372 S	161.461 E	92 *	4.5	0.9	6	SOLOMON ISLANDS
05	13	54	29.8?	32.54 S	70.57 W	33 N		0.8	7	CHILE-ARGENTINA BORDER REGION
05	14	08	52.1%	39.693 N	29.500 E	10 G		0.4	5	TURKEY. ML 2.8 (ISK).
05	14	09	05.3	41.552 N	22.332 E	10 G		0.6	8	NORTHWESTERN BALKAN REGION. ML 2.3 (THE).
05	14	12	02.3*	40.795 N	23.985 E	10 G		0.9	5	GREECE
05	15	13	43.7?	37.83 N	30.71 E	10 G		1.1	4	TURKEY. ML 3.2 (ISK).
a 05	15	25	22.9*	40.200 S	78.227 E	10 G	5.0 5.3	1.3	11	MID-INDIAN RIDGE. Mw 5.3 (HRV).
05	15	29	34.3?	14.44 N	91.98 W	97 ?	4.5	0.6	7	GUATEMALA. MD 4.2 (GCG).
05	16	32	00.5	26.422 S	27.376 E	5 G		1.5	11	REPUBLIC OF SOUTH AFRICA. ML 3.3 (PRE).
05	17	27	21.1%	32.390 N	115.060 W	6 G			2	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 2.8 (PAS).
05	17	30	13.4?	31.52 S	68.55 W	103 ?		0.3	6	SAN JUAN PROVINCE, ARGENTINA
05	17	40	11.2%	63.186 N	150.755 W	138			58	CENTRAL ALASKA. <AEIC>.
05	17	52	57.2*	7.400 S	147.676 E	86 *	4.1	0.9	9	EASTERN NEW GUINEA REG., P.N.G.
05	18	05	34.7*	31.193 S	68.173 W	33 N		0.4	5	SAN JUAN PROVINCE, ARGENTINA
05	18	35	39.1*	36.649 N	29.792 E	37 *	4.1	1.0	25	TURKEY. ML 4.1 (ISK).
05	18	41	46.0?	47.99 N	8.16 E	10 G		0.1	4	SWITZERLAND. ML 1.9 (LDG).
05	19	18	51.4?	31.43 S	68.67 W	108 ?		0.6	6	SAN JUAN PROVINCE, ARGENTINA
05	19	28	33.4%	60.272 N	141.680 W	8			92	SOUTHEASTERN ALASKA. <AEIC>. ML 3.8 (AEIC), 3.8 (PMR).
05	19	37	35.8*	36.877 N	29.022 E	10 G		0.7	6	TURKEY. ML 3.7 (ISK).
05	19	50	24.6	46.453 N	3.145 E	10 G		0.7	17	FRANCE. ML 2.8 (LDG).
05	20	59	10.6	47.969 N	8.126 E	10 G		0.9	16	SWITZERLAND. ML 2.6 (LDG), 2.1 (STR).
05	21	12	57.1*	20.282 S	176.677 W	273 *	4.6	1.3	24	FIJI ISLANDS REGION
a 05	21	28	06.4	77.727 N	126.454 E	33 D	5.0	1.0	147	LAPTEV SEA. Mw 5.2 (HRV).
05	22	33	07.7%	62.684 N	148.766 W	61			52	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
05	22	36	45.5?	48.00 N	8.16 E	10 G		0.3	4	GERMANY. ML 2.0 (LDG).
05	23	14	00.8	26.893 S	26.632 E	5 G		1.1	10	REPUBLIC OF SOUTH AFRICA. ML 3.2 (PRE).
05	23	33	38.2%	36.973 N	5.508 W	10 G		1.2	7	STRAIT OF GIBRALTAR. mbLg 2.6 (MDD).
06	00	05	17.7*	15.442 N	94.683 W	33 N	4.3	1.1	20	NEAR COAST OF OAXACA, MEXICO
06	00	22	35.3	37.032 N	29.653 E	10 G		0.4	9	TURKEY. ML 3.6 (ISK).
06	00	34	09.6*	19.544 N	108.862 W	10 G	4.2	1.2	20	REVILLA GIGEDO ISLANDS REGION
06	01	02	41.4%	36.973 N	5.488 W	10 G		0.9	7	STRAIT OF GIBRALTAR. mbLg 2.8 (MDD).
06	01	10	45.2	14.118 N	91.788 W	59	4.7	1.1	83	GUATEMALA. MD 4.4 (GCG).
06	01	41	17.8%	37.033 N	5.459 W	10 G		1.0	7	SPAIN. mbLg 2.6 (MDD).
06	02	16	39.7?	6.82 S	129.24 E	201 ?	4.4	1.3	5	BANDA SEA
06	02	57	40.5%	36.981 N	5.411 W	10 G		1.2	7	STRAIT OF GIBRALTAR. mbLg 2.7 (MDD).
06	03	23	03.8*	33.107 N	142.624 E	33 N	4.4	1.0	12	OFF EAST COAST OF HONSHU, JAPAN
06	03	24	17.5*	21.739 S	68.865 W	33 N		0.7	6	CHILE-BOLIVIA BORDER REGION
06	04	08	44.8?	14.01 N	91.69 W	33 N		1.3	8	GUATEMALA. MD 3.9 (GCG).
06	04	10	30.1	51.594 N	16.295 E	10 G		0.3	13	POLAND. ML 3.5 (VIE), 3.5 (GRF).
06	04	30	23.4?	37.17 S	179.93 E	33 N	4.0	1.0	13	OFF E. COAST OF N. ISLAND, N.Z. ML 4.0 (WEL).
06	04	34	23.0*	8.037 N	58.914 E	10 G	4.9 4.4	0.9	10	CARLSBERG RIDGE
06	04	51	50.3%	36.792 N	121.311 W	9			8	CENTRAL CALIFORNIA. <GM-P>. MD 2.8 (GM).
06	05	20	39.9	6.085 S	129.154 E	37 *	4.7	1.3	18	BANDA SEA
06	05	42	26.9%	40.451 N	23.195 E	10 G		0.5	5	GREECE. ML 1.6 (THE).
06	06	00	15.9	49.260 N	6.958 E	10 G		0.7	14	GERMANY. ML 2.9 (BNS), 2.6 (UCC).
06	07	06	19.0*	15.914 N	93.858 W	33 N		1.2	10	NEAR COAST OF CHIAPAS, MEXICO
06	09	00	09.6*	36.661 N	29.076 E	10 G		0.7	5	TURKEY. ML 3.3 (ISK).
06	09	16	51.8%	40.356 N	23.334 E	10 G		1.3	7	GREECE
a 06	09	18	44.6	4.083 S	129.668 E	28	5.1	1.1	58	BANDA SEA. Mw 4.9 (HRV).
06	09	23	50.4%	31.710 S	68.016 W	10 G		1.0	6	SAN JUAN PROVINCE, ARGENTINA
06	09	31	07.1*	5.189 S	153.193 E	41 *	4.1	0.9	9	NEW IRELAND REGION, P.N.G.
06	09	49	34.6*	40.476 N	21.946 E	33 N		1.4	6	GREECE. ML 1.9 (THE).
06	10	32	35.6	38.319 N	22.354 E	10 G		1.2	11	GREECE. ML 3.1 (ATH), 2.7 (THE).
06	10	49	14.3	38.958 N	28.039 E	5 G		0.6	9	TURKEY. ML 3.1 (ISK).
06	10	55	49.6?	3.65 S	136.28 E	25 D	5.0	0.7	5	IRIAN JAYA, INDONESIA. Felt in the Nabire area.
06	11	32	28.2*	38.271 N	22.214 E	10 G		1.2	10	GREECE. ML 3.1 (ATH), 3.1 (THE).
06	11	41	44.1%	39.736 N	29.073 E	10 G		0.4	13	TURKEY. ML 3.1 (ISK).
06	11	43	35.4*	60.445 N	5.112 E	5 G		0.2	5	SOUTHERN NORWAY. MD 1.4 (BER).
06	12	03	31.4%	39.152 N	27.603 E	10 G		0.6	6	TURKEY. ML 2.8 (ISK).
06	12	34	45.7%	60.774 N	151.713 W	74			56	KENAI PENINSULA, ALASKA. <AEIC>.
06	13	27	54.1*	42.696 N	24.054 E	5 G		1.4	10	BULGARIA. ML 3.0 (THE).
06	13	44	25.7%	34.984 N	116.977 W	5			12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 2.9 (GS). Felt (III) at Hinkley and Yermo. Also felt at Barstow and Newberry Springs.
06	13	49	11.8%	38.506 N	1.273 W	10 G		0.9	11	SPAIN. mbLg 3.1 (MDD). Felt (III) in the Jumilla area.
06	14	29	53.9%	60.476 N	152.509 W	105			80	SOUTHERN ALASKA. <AEIC>.
06	14	56	31.5?	33.10 S	72.46 W	12		0.3	10	OFF COAST OF CENTRAL CHILE. MD 4.0 (SAN).
06	15	19	26.4	26.304 N	102.284 E	10 G		1.5	7	SICHUAN, CHINA. ML 4.1 (BJI).
06	15	54	19.5?	42.02 N	23.95 E	10 G		1.1	8	BULGARIA
06	16	46	32.3%	58.156 N	154.291 W	60			42	ALASKA PENINSULA. <AEIC>. ML 3.1 (AEIC).
06	16	48	53.9%	40.663 N	29.903 E	10 G		0.3	10	TURKEY. ML 3.1 (ISK).

06	17 28 42.9*	49.089 N	6.898 E	10 G	1.2	7	GERMANY. ML 2.2 (UCC).	
06	18 11 54.6?	10.88 N	125.94 E	33 N 4.1	0.5	4	LEYTE, PHILIPPINE ISLANDS	
06	18 14 54.8&	60.495 N	141.108 W	25		24	SOUTHEASTERN ALASKA. <AEIC>. ML 3.0 (AEIC).	
06	18 16 44.4	3.442 N	127.035 E	52 *	4.8	1.2	45	TALAUD ISLANDS, INDONESIA
06	18 18 29.3*	18.146 N	67.081 W	33 N		0.6	6	MONA PASSAGE
06	22 27 13.0	31.631 S	69.297 W	119 *		0.9	20	SAN JUAN PROVINCE, ARGENTINA. MD 4.1 (SAN).
06	23 20 59.4*	44.627 N	6.805 E	10 G		0.1	6	FRANCE. ML 2.2 (GEN).
06	23 30 12.3&	34.212 N	116.814 W	1			7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.5 (PAS).
07	00 35 35.1	5.568 S	151.778 E	50 *	5.1 4.6	1.0	57	NEW BRITAIN REGION, P.N.G.
07	00 44 43.1*	39.804 N	29.321 E	10 G		0.5	8	TURKEY. ML 3.0 (ISK).
07	01 15 00.3*	36.656 N	29.054 E	10 G		0.3	6	TURKEY. ML 3.3 (ISK).
07	01 20 50.7*	36.936 N	29.197 E	10 G		0.8	5	TURKEY. ML 3.2 (ISK).
07	02 00 21.7	39.711 N	20.490 E	10 G		1.2	11	GREECE-ALBANIA BORDER REGION. ML 2.8 (THE).
07	02 18 27.8&	64.387 N	148.051 W	17			48	CENTRAL ALASKA. <AEIC>. ML 2.9 (AEIC), 3.2 (PMR).
07	02 23 45.1?	47.23 N	10.51 E	10 G		0.2	5	AUSTRIA. ML 2.0 (VIE).
07	02 45 43.8&	32.382 N	115.059 W	6 G			6	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 2.9 (PAS).
07	03 26 58.9	38.214 N	88.726 E	11 D 5.0		0.9	94	SOUTHERN XINJIANG, CHINA
07	03 27 26.1*	38.491 S	175.712 E	212 *		0.3	19	NORTH ISLAND, NEW ZEALAND
07	03 39 30.6?	45.16 S	166.48 E	10 G		0.6	12	OFF W. COAST OF S. ISLAND, N.Z. ML 3.8 (WEL).
07	03 48 06.5*	37.566 N	118.872 W	7			10	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM).
07	04 51 32.7*	31.053 S	69.448 W	123 ?		0.9	15	SAN JUAN PROVINCE, ARGENTINA. MD 3.9 (SAN).
07	05 08 28.3*	6.189 N	126.430 E	128 *	4.7	0.7	12	MINDANAO, PHILIPPINE ISLANDS
07	05 58 52.1	45.926 N	116.459 W	5 G		0.3	11	WESTERN IDAHO. ML 2.9 (GS).
07	06 03 09.5	32.295 S	69.772 W	130 G		0.4	14	MENDOZA PROVINCE, ARGENTINA. MD 3.8 (SAN).
07	08 55 37.9	31.032 N	131.527 E	39 *	4.6	1.3	29	KYUSHU, JAPAN
07	09 15 22.5*	20.741 S	168.889 E	33 N 4.5		1.4	20	LOYALTY ISLANDS
07	09 25 50.3*	40.568 N	21.796 E	33 N		0.9	5	GREECE. ML 2.2 (THE).
07	09 29 00.1?	39.14 N	27.68 E	10 G		0.3	4	TURKEY. ML 2.7 (ISK).
07	09 33 18.2*	43.082 N	0.643 W	10 G		0.1	6	PYRENEES. ML 1.0 (STR).
07	09 51 26.1*	42.626 N	148.217 E	33 N 4.5		1.3	21	OFF COAST OF HOKKAIDO, JAPAN
07	09 55 19.0*	38.152 S	176.150 E	219 ?		0.7	20	NORTH ISLAND, NEW ZEALAND
07	10 06 56.5?	40.95 N	29.72 E	10 G		0.3	4	TURKEY. ML 2.7 (ISK).
07	10 33 38.0*	39.096 N	27.614 E	10 G		0.5	5	TURKEY. ML 2.7 (ISK).
07	10 52 57.0	51.217 N	179.224 E	33 N 4.5 4.4		1.0	45	RAT ISLANDS, ALEUTIAN ISLANDS. ML 4.5 (PMR).
07	11 00 30.4	40.481 N	21.294 E	5 G		0.5	8	GREECE. ML 2.3 (THE).
07	12 13 47.0*	26.860 S	26.853 E	5 G		0.9	6	REPUBLIC OF SOUTH AFRICA. ML 2.5 (PRE).
07	12 30 10.4*	39.750 N	29.445 E	5 G		0.3	6	TURKEY. ML 2.8 (ISK).
07	13 58 22.5*	17.355 S	178.990 W	536 *	4.7	1.4	24	FIJI ISLANDS REGION
07	14 33 45.3*	38.452 S	175.727 E	221 *		0.4	28	NORTH ISLAND, NEW ZEALAND
07	14 35 14.0&	60.219 N	152.551 W	99			42	SOUTHERN ALASKA. <AEIC>.
07	14 53 27.6&	40.437 N	124.452 W	10			10	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 3.2 (GM). ML 3.5 (BRK).
a 07	16 35 49.5	14.117 S	75.779 W	45 D 5.5		1.1	138	NEAR COAST OF PERU. Mw 5.4 (HRV). Felt (V) at Ica; (IV) at Chincha and Pisco; (III) at Palpa and Lima.
07	16 39 17.6?	61.21 N	7.20 E	5 G		0.1	4	SOUTHERN NORWAY. MD 1.8 (BER).
07	17 01 41.5*	31.162 S	68.467 W	100 G		0.4	6	SAN JUAN PROVINCE, ARGENTINA
07	17 29 56.6	41.196 N	21.977 E	5 G		0.3	8	NORTHWESTERN BALKAN REGION. ML 2.2 (THE).
07	17 58 49.3*	37.831 S	176.281 E	225 ?		0.5	23	NORTH ISLAND, NEW ZEALAND
07	17 59 38.4	36.443 N	70.628 E	216 D 4.9		1.0	109	HINDU KUSH REGION, AFGHANISTAN
07	19 13 23.1*	40.225 N	29.400 E	10 G		0.6	6	TURKEY. ML 2.6 (ISK).
07	19 23 28.9?	52.78 N	171.29 E	33 N 4.4		1.4	10	NEAR ISLANDS, ALEUTIAN ISLANDS
07	19 29 09.5*	61.426 N	146.536 W	15			60	SOUTHERN ALASKA. <AEIC>. ML 2.9 (AEIC), 3.2 (PMR).
07	19 55 35.9*	40.630 N	8.172 W	10 G		0.6	6	PORTUGAL. mblg 3.4 (MDD).
07	20 37 30.0	41.377 N	22.632 E	5 G		1.0	11	NORTHWESTERN BALKAN REGION. ML 2.4 (THE).
07	21 11 08.1?	34.92 S	178.73 W	47 ? 4.8 4.3		0.5	11	SOUTH OF KERMADEC ISLANDS
07	21 21 09.2*	39.416 N	27.992 E	10 G		0.6	5	TURKEY. ML 2.7 (ISK).
08	00 27 03.3*	32.262 S	71.502 W	21 *		0.4	10	NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN).
08	01 21 49.7*	39.271 N	20.425 E	10 G		0.8	8	GREECE-ALBANIA BORDER REGION. ML 2.5 (THE).
08	01 47 48.1?	45.07 N	6.41 E	10 G		0.1	5	FRANCE. ML 2.2 (GEN).
08	02 03 55.9	19.651 S	177.355 W	324 *	4.7	1.1	46	FIJI ISLANDS REGION
08	02 44 33.5?	47.83 N	146.45 E	418 ? 3.8		1.0	10	NORTHWEST OF KURIL ISLANDS
08	02 45 22.9*	40.044 N	22.661 E	33 N		0.8	9	GREECE. ML 1.8 (THE).
08	03 00 26.5*	40.334 N	23.917 E	5 G		0.8	9	GREECE. ML 2.3 (THE).
08	03 04 39.4*	41.022 N	22.333 E	5 G		0.9	8	NORTHWESTERN BALKAN REGION. ML 2.2 (THE).
08	03 36 51.2*	45.469 N	12.602 E	10 G		1.2	7	NORTHERN ITALY. ML 2.8 (VIE).
08	03 46 03.0*	61.893 N	152.057 W	124			63	SOUTHERN ALASKA. <AEIC>.
08	04 00 39.4*	38.276 N	14.583 E	5 G		1.5	6	SICILY. ML 2.3 (ROM).
08	04 46 49.6*	51.204 N	179.034 E	33 N 4.1		1.0	12	RAT ISLANDS, ALEUTIAN ISLANDS
08	04 47 07.8	44.422 N	7.230 E	10 G		0.5	18	NORTHERN ITALY. ML 3.6 (GEN).
08	04 47 59.0	44.425 N	7.233 E	10 G		0.5	18	NORTHERN ITALY. ML 3.6 (GEN).
08	04 49 20.2*	44.436 N	7.217 E	10 G		0.2	7	NORTHERN ITALY. ML 1.8 (GEN).
08	04 54 34.3*	44.419 N	7.204 E	10 G		0.3	9	NORTHERN ITALY. ML 2.0 (GEN).
a 08	05 16 10.1	5.567 N	126.517 E	92 5.3		1.1	143	MINDANAO, PHILIPPINE ISLANDS. Mw 5.3 (HRV).
08	05 33 19.2?	44.23 N	8.26 E	10 G		0.0	4	NORTHERN ITALY. ML 1.4 (GEN).
08	05 46 32.7	6.759 N	72.965 W	169 4.6		0.9	67	NORTHERN COLOMBIA
08	05 57 45.4	46.478 N	13.243 E	10 G		1.1	9	AUSTRIA. ML 2.1 (VIE). MD 2.5 (LJU).
08	06 25 47.2?	44.25 N	8.22 E	10 G		0.2	4	NORTHERN ITALY. ML 1.4 (GEN).
a 08	06 36 17.6*	35.903 S	102.778 W	10 G 5.3 5.5		1.4	21	SOUTHERN PACIFIC OCEAN. Mw 5.8 (HRV).
08	07 55 50.3*	39.229 N	27.858 E	10 G		0.3	5	TURKEY. ML 2.7 (ISK).
08	08 21 53.8*	2.061 S	78.402 W	33 N 4.6		1.3	18	ECUADOR. Felt in the Riobamba area.
08	08 24 52.4*	56.083 S	26.285 W	33 N 5.1		0.9	12	SOUTH SANDWICH ISLANDS REGION
08	08 33 09.2*	39.110 N	27.669 E	10 G		0.4	5	TURKEY. ML 2.7 (ISK).
08	09 10 48.5*	39.694 N	29.477 E	10 G		0.3	5	TURKEY. ML 2.8 (ISK).
08	09 17 18.4*	39.688 N	29.491 E	10 G		0.3	5	TURKEY. ML 2.8 (ISK).
08	09 22 08.5*	39.590 N	23.506 E	10 G		1.3	6	AEGEAN SEA
08	09 50 27.1*	40.128 N	21.318 E	33 N		1.1	8	GREECE
08	09 58 15.6*	40.206 N	27.036 E	10 G		0.9	8	TURKEY. ML 2.9 (ISK).
08	10 33 29.8*	39.415 N	27.934 E	10 G		0.6	7	TURKEY. ML 2.9 (ISK).
08	10 36 12.0?	51.09 N	15.71 E	10 G		0.1	4	POLAND
08	11 14 01.3	48.596 N	10.000 E	10 G		1.4	11	GERMANY. ML 2.7 (LDG), 2.5 (VIE), 2.4 (FUR).
08	12 08 41.9*	39.102 N	27.664 E	10 G		0.3	5	TURKEY. ML 2.8 (ISK).
08	12 16 48.7*	41.189 N	28.741 E	10 G		0.5	8	TURKEY. ML 2.7 (ISK).

08	13	14	57.1&	37.570 N	118.872 W	8			35	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.6 (GM). ML 3.7 (BRK), 3.5 (GS).
08	13	57	54.1	42.588 N	139.362 E	24	5.0	4.3	150	HOKKAIDO, JAPAN REGION
08	14	07	24.2&	39.688 N	29.509 E	10	G		5	TURKEY. ML 2.8 (ISK).
08	14	13	47.8	39.658 N	29.497 E	10	G		6	TURKEY. ML 2.8 (ISK).
08	14	16	12.0?	38.20 N	19.55 E	10	G		4	IONIAN SEA. MD 2.9 (ATH).
08	14	49	29.1?	7.13 S	145.86 E	97	?		0.1	5 NEAR S COAST OF NEW GUINEA, PNG.
08	16	55	58.1?	11.36 S	164.13 E	33	N	4.3	0.6	6 SANTA CRUZ ISLANDS REGION
08	16	58	16.1*	15.228 S	173.734 W	33	N	4.9	4.4	1.0 34 TONGA ISLANDS
08	17	37	53.7*	31.226 S	68.843 W	103	?		0.5	8 SAN JUAN PROVINCE, ARGENTINA
08	17	58	09.9*	49.116 N	6.917 E	10	G		1.0	7 GERMANY. ML 2.1 (UCC).
08	17	59	23.5*	36.838 N	29.145 E	10	G		0.3	5 TURKEY. ML 3.3 (ISK).
08	18	23	47.7	46.505 N	150.037 E	172		5.5	0.9	309 KURIL ISLANDS
08	18	29	42.0&	45.629 S	166.663 E	147	*		0.8	23 OFF W. COAST OF S. ISLAND, N.Z. Felt (IV) at Manapouri.
08	18	30	01.0&	34.388 N	116.462 W	6			15	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.2 (GS).
08	18	44	04.3?	32.34 S	68.27 W	33	N		1.1	5 MENDOZA PROVINCE, ARGENTINA
08	19	56	44.3?	32.91 S	179.69 W	331	?	4.3	1.3	24 SOUTH OF KERMADec ISLANDS
08	20	19	03.7?	36.646 N	11.382 W	10	G		0.8	14 NORTH ATLANTIC OCEAN. mbLg 3.3 (MDD).
08	20	45	08.9	17.934 N	76.396 E	33	N	4.7	0.7	26 SOUTHERN INDIA. Felt in the Latur-Osmanabad area.
08	22	09	34.3	42.454 N	2.175 E	10	G		1.0	29 PYRENEES. ML 3.7 (LDG). mbLg 3.7 (MDD). Felt (IV) in the Bourg-Madame and Mont-Louis areas, France.
08	23	08	14.5*	12.961 N	88.000 W	33	N	4.1	1.0	12 OFF COAST OF CENTRAL AMERICA. Felt (V) at Usulután, El Salvador.
09	02	42	45.6	39.381 N	21.636 E	10	G		0.8	20 GREECE. ML 3.5 (ATH), 3.0 (THE).
09	02	44	25.3?	46.53 N	9.00 E	10	G		0.9	6 SWITZERLAND. ML 2.5 (LDG).
09	03	00	15.0*	14.253 N	93.034 W	33	N	4.0	1.4	12 NEAR COAST OF CHIAPAS, MEXICO. MD 4.1 (GCG).
09	03	37	23.8	15.286 S	173.537 W	10	G	5.1	4.9	0.7 51 TONGA ISLANDS
09	03	59	44.1*	6.665 S	127.262 E	436	?	4.0	0.7	8 BANDA SEA
09	05	59	24.7*	41.806 N	139.362 E	33	N	4.5	0.9	24 HOKKAIDO, JAPAN REGION
09	08	22	32.4&	39.171 N	27.612 E	10	G		0.3	5 TURKEY. ML 2.7 (ISK).
09	08	24	37.2*	44.089 N	12.190 E	5	G		1.1	13 NORTHERN ITALY. ML 3.2 (LDG). MD 3.2 (FIR).
09	08	25	44.5?	39.01 N	20.46 E	5	G		1.3	5 GREECE-ALBANIA BORDER REGION
09	08	55	30.1?	28.59 S	67.51 W	148	?		0.2	5 LA RIOJA PROVINCE, ARGENTINA
09	09	09	48.6?	2.68 N	128.60 E	33	N	4.6	0.6	9 HALMAHERA, INDONESIA
09	09	13	43.0&	39.140 N	27.580 E	10	G		0.2	5 TURKEY. ML 2.7 (ISK).
09	09	14	43.2?	38.56 N	18.80 E	10	G		1.3	10 IONIAN SEA. ML 3.8 (TIR). MD 3.5 (ATH).
09	09	19	48.4?	3.54 N	129.94 E	195	?	4.5	1.3	7 NORTH OF HALMAHERA, INDONESIA
09	09	20	42.9&	39.109 N	27.705 E	10	G		0.1	5 TURKEY. ML 2.7 (ISK).
09	09	56	44.6?	39.64 N	29.55 E	10	G		0.3	4 TURKEY. ML 2.8 (ISK).
09	10	38	56.0&	41.336 S	173.425 E	109	*		0.9	27 SOUTH ISLAND, NEW ZEALAND
09	10	42	18.6&	40.566 N	27.726 E	5	G		0.5	5 TURKEY. ML 2.6 (ISK).
09	10	47	52.7&	39.641 N	29.460 E	10	G		0.6	5 TURKEY. ML 2.8 (ISK).
09	11	04	18.4&	40.483 N	29.010 E	5	G		0.6	12 TURKEY. ML 2.9 (ISK).
09	11	47	02.5*	18.560 S	71.366 W	10	G	4.3	1.2	11 OFF COAST OF NORTHERN CHILE
09	11	57	29.7&	39.076 N	27.657 E	10	G		0.3	6 TURKEY. ML 2.7 (ISK).
09	11	59	10.4	32.865 S	70.806 W	69	*		0.3	12 CHILE-ARGENTINA BORDER REGION. MD 3.8 (SAN).
09	12	27	20.4	51.629 N	16.238 E	10	G	3.8	0.7	24 POLAND. ML 4.2 (GRF), 3.9 (VIE), 3.6 (BRA).
09	13	20	03.0&	59.215 N	153.468 W	114			45	SOUTHERN ALASKA. <AEIC>.
09	13	21	09.2?	24.65 S	173.04 W	33	N	4.8	1.5	5 SOUTH OF TONGA ISLANDS
09	13	54	03.2	51.276 N	178.145 W	33	N	5.1	4.5	1.0 163 ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.9 (PMR). Felt (III) on Adak.
09	15	01	47.7?	41.13 N	28.76 E	10	G		0.7	4 TURKEY. ML 2.7 (ISK).
09	15	14	09.6&	32.353 N	115.054 W	6	G		8	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.1 (PAS).
09	17	37	21.0	44.344 N	7.305 E	10			0.7	32 NORTHERN ITALY. ML 3.1 (LDG), 3.0 (GEN).
09	17	59	18.1	12.953 N	88.802 W	59	D	4.9	1.0	85 OFF COAST OF CENTRAL AMERICA. MD 4.8 (UPA), 4.6 (GCG). Felt (III) at San Salvador, El Salvador.
09	19	04	53.3*	51.395 N	16.034 E	10	G		0.7	11 POLAND. ML 3.4 (VIE), 3.4 (GRF).
09	19	20	16.2*	27.831 S	66.899 W	235		4.0	0.6	11 CATAMARCA PROVINCE, ARGENTINA
09	19	30	06.6?	24.20 S	178.63 W	537	?	4.8	0.8	27 SOUTH OF FIJI ISLANDS
09	19	47	40.3	43.510 N	0.568 W	5	G		0.7	20 PYRENEES. ML 3.1 (LDG). mbLg 2.9 (MDD).
09	20	06	36.8	41.345 N	22.572 E	10	G		0.4	9 NORTHWESTERN BALKAN REGION
09	20	13	26.2&	39.460 N	27.770 E	10	G		0.7	12 TURKEY. ML 3.1 (ISK).
09	21	07	36.3&	63.780 N	148.671 W	105			27	CENTRAL ALASKA. <AEIC>.
09	21	14	56.7?	12.08 S	118.23 E	33	N		0.9	7 SOUTH OF SUMBAWA, INDONESIA
09	21	30	59.2?	32.91 S	70.24 W	110	G		0.4	7 CHILE-ARGENTINA BORDER REGION. MD 3.8 (SAN).
09	21	50	02.5&	40.712 N	29.930 E	10	G		0.6	14 TURKEY. ML 3.3 (ISK).
09	21	52	52.0&	31.340 N	7.579 W	10	G		0.6	5 MOROCCO. MG 3.1 (RTC).
09	22	05	51.3&	17.192 N	98.318 W	33	N		1.4	5 GUERRERO, MEXICO
09	22	24	21.9	11.712 N	57.660 E	10	G	5.2	4.7	1.2 146 ARABIAN SEA
09	22	28	13.9	45.318 N	6.576 E	10	G		1.0	28 FRANCE. ML 2.9 (GEN), 2.6 (LDG).
09	22	36	29.9?	44.37 N	7.30 E	10	G		0.4	4 NORTHERN ITALY. ML 1.9 (GEN).
09	23	30	10.8	58.097 N	142.702 W	10	G		0.9	46 GULF OF ALASKA. ML 3.3 (AEIC).
10	01	26	08.8	6.168 S	149.914 E	69	*	4.8	1.1	23 NEW BRITAIN REGION, P.N.G.
10	02	19	18.6*	41.543 N	139.984 E	47	?	4.4	0.9	24 HOKKAIDO, JAPAN REGION
10	03	06	06.0?	31.21 S	68.74 W	100	G		0.1	5 SAN JUAN PROVINCE, ARGENTINA
10	03	19	34.6?	34.85 S	178.88 W	33	N	4.0	0.5	6 SOUTH OF KERMADec ISLANDS
10	04	13	54.4*	33.955 S	70.736 W	90	G		0.3	12 CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
10	04	17	46.7	42.421 N	105.868 W	5	G		0.6	11 WYOMING. ML 3.7 (GS). Felt (IV) in the Garrett area.
10	04	40	35.2*	14.481 N	93.037 W	40	*	4.5	1.3	36 NEAR COAST OF CHIAPAS, MEXICO. MD 4.8 (GCG).
10	07	15	58.5	19.863 S	163.302 E	14	D	5.3	4.8	0.9 153 NEW CALEDONIA
10	08	59	11.8&	39.109 N	27.669 E	10	G		0.2	5 TURKEY. ML 2.8 (ISK).
10	09	09	54.7&	39.128 N	27.746 E	5	G		0.2	5 TURKEY. ML 2.7 (ISK).
10	09	37	47.8*	13.981 N	93.021 W	33	N	4.2	1.3	24 OFF COAST OF CHIAPAS, MEXICO. MD 4.7 (GCG).
10	10	10	41.7?	21.57 S	67.26 W	200	G		0.7	6 CHILE-BOLIVIA BORDER REGION
10	10	15	17.8	36.318 N	137.703 E	5	G	3.8	0.7	13 EASTERN HONSHU, JAPAN
10	10	16	25.0	5.659 S	153.932 E	85	*	5.1	0.9	20 NEW IRELAND REGION, P.N.G.
10	10	19	32.7&	61.311 N	149.917 W	38		4.3	125	SOUTHERN ALASKA. <AEIC>. ML 4.5 (AEIC), 4.3 (PMR). Felt (IV) at Anchorage, Chugiak, Eagle River, Girdwood, Palmer, Wasilla and Willow. Felt (III) at Fort Richardson. Felt throughout much of south-central Alaska.
10	10	21	35.9	43.289 N	110.973 W	5	G		0.8	20 WYOMING. ML 2.8 (GS), 3.1 (BUT).

10	10	44	08.1	34.317 N	139.098 E	26	4.5	3.8	1.0	34	NEAR S. COAST OF HONSHU, JAPAN	
10	10	57	11.2?	39.13 N	27.48 E	10 G			0.9	4	TURKEY. ML 2.8 (ISK).	
10	11	12	03.1*	31.799 S	71.558 W	33 N			0.3	10	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).	
10	11	17	04.3?	28.76 N	34.62 E	10 G	3.7		1.1	6	EGYPT	
10	11	17	33.4*	17.122 S	167.268 E	33 N	4.3	3.5	1.4	13	VANUATU ISLANDS	
10	11	32	07.4*	42.034 N	2.296 E	10 G			0.7	5	PYRENEES. ML 2.5 (LDG).	
a	10	11	44	06.7	10.895 S	164.520 E	32 D	5.1	4.9	1.0	68	SANTA CRUZ ISLANDS REGION. Mw 5.4 (HRV).
10	12	16	39.1*	44.201 N	12.129 E	21 *			1.4	22	NORTHERN ITALY. ML 3.2 (LDG), 3.2 (VIE). MD 2.9 (FIR).	
10	12	42	34.0*	3.935 S	103.702 E	33 N	4.7	4.5	1.4	18	SOUTHERN SUMATERA, INDONESIA	
a	10	13	42	17.1	14.159 S	75.995 W	49 D	5.0	1.1	56	NEAR COAST OF PERU. Mw 5.1 (HRV). Minor damage (V) at Ica. Felt (IV) at Nazca, Chincha and Pisco; (III) at Canete; (II) at Lima.	
10	14	26	39.6*	38.018 S	176.030 E	237 *			0.5	28	NORTH ISLAND, NEW ZEALAND	
10	14	33	11.0	7.288 S	126.274 E	449 *	4.8		0.9	52	BANDA SEA	
10	14	53	21.8&	37.639 N	118.922 W	9				8	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM). Multiple event.	
10	15	12	36.7&	37.647 N	118.890 W	8				15	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM).	
10	15	24	02.0*	23.921 S	69.618 E	10 G	4.6		0.8	11	MID-INDIAN RIDGE	
10	15	30	10.2&	37.637 N	118.932 W	8				15	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM).	
10	15	32	35.5%	40.694 N	23.478 E	10 G			0.5	5	GREECE	
10	15	52	45.6?	39.66 N	29.44 E	10 G			0.5	4	TURKEY. ML 2.8 (ISK).	
10	18	02	45.2%	40.551 N	22.324 E	10 G			0.6	8	GREECE	
10	18	05	17.8	40.628 N	22.374 E	35	4.3		1.1	82	GREECE. ML 4.0 (THE), 4.0 (TIR). MD 3.9 (ATH). Felt at Edhessa, Naousa, Veroia and Thessaloniki.	
10	18	07	32.9%	40.532 N	22.312 E	10 G			0.7	8	GREECE	
10	18	22	35.2&	61.582 N	151.820 W	4				66	SOUTHERN ALASKA. <AEIC>. ML 2.8 (AEIC), 3.0 (PMR).	
10	19	27	13.7?	37.00 N	20.57 E	10 G	3.5		1.1	10	CENTRAL MEDITERRANEAN SEA. MD 3.5 (ATH).	
10	19	56	19.6&	37.647 N	118.886 W	8				8	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM).	
10	20	11	26.4*	0.056 N	16.582 W	10 G	4.7	4.0	1.0	47	NORTH OF ASCENSION ISLAND	
10	20	27	59.5	40.485 N	21.531 E	10 G			0.5	9	GREECE	
10	20	32	53.9&	66.345 N	149.694 W	24				15	NORTHERN ALASKA. <AEIC>. ML 2.9 (AEIC).	
10	20	33	40.2*	40.463 N	21.475 E	10 G			1.4	7	GREECE	
10	20	40	10.6	40.490 N	21.534 E	10 G			1.2	16	GREECE. ML 3.0 (TIR).	
10	21	08	45.8	15.386 N	94.673 W	25	4.9		1.1	92	NEAR COAST OF OAXACA, MEXICO	
10	21	37	18.6?	0.49 N	16.48 W	10 G	4.5		1.0	8	NORTH OF ASCENSION ISLAND	
10	22	16	58.5*	46.614 N	153.899 E	33 N	4.8	3.7	1.4	19	KURIL ISLANDS	
10	22	32	16.9&	66.234 N	149.962 W	17				10	NORTHERN ALASKA. <AEIC>. ML 2.7 (AEIC).	
10	22	59	51.6&	61.998 N	149.523 W	44				66	SOUTHERN ALASKA. <AEIC>. ML 2.8 (AEIC), 3.1 (PMR).	
10	23	23	54.2	46.840 N	153.905 E	42 *	4.8		1.0	63	KURIL ISLANDS	
10	23	31	11.8	40.985 N	20.157 E	5 G			1.0	23	GREECE-ALBANIA BORDER REGION. ML 3.1 (TIR).	
10	23	38	27.6	11.947 N	88.626 W	33 N	4.2		0.7	16	OFF COAST OF CENTRAL AMERICA. Felt (II) at San Salvador, El Salvador.	
11	00	02	09.6&	63.064 N	151.041 W	132				71	CENTRAL ALASKA. <AEIC>.	
11	00	06	52.7&	59.338 N	152.159 W	62				45	SOUTHERN ALASKA. <AEIC>. ML 2.8 (AEIC).	
11	01	31	51.1	46.801 N	153.772 E	33 N	4.8	4.2	1.0	73	KURIL ISLANDS	
11	01	35	53.3&	33.254 N	116.234 W	9				5	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).	
11	02	33	37.0*	47.044 N	10.880 E	10 G			0.4	6	AUSTRIA. ML 2.3 (FUR), 1.9 (VIE).	
11	03	00	51.1*	47.042 N	10.865 E	10 G			0.4	6	AUSTRIA. ML 2.1 (FUR), 1.8 (VIE).	
11	04	05	11.4?	9.84 N	78.28 W	33 N	4.3		1.0	8	PANAMA. MD 4.4 (UPA). Felt in eastern Panama.	
11	04	33	06.7	44.618 N	6.344 E	10 G			0.5	20	FRANCE. ML 2.5 (LDG), 2.5 (GEN).	
11	05	05	42.5&	32.380 N	115.053 W	6 G				8	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.0 (PAS).	
11	05	19	13.7	38.136 N	23.045 E	13			1.3	16	GREECE. ML 3.4 (THE). MD 3.2 (ATH).	
11	05	40	44.3?	18.53 N	119.25 E	33 N			0.5	6	PHILIPPINE ISLANDS REGION	
11	06	04	26.3&	34.082 N	117.863 W	5				6	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.3 (PAS). Felt.	
11	06	37	03.7&	36.875 N	121.280 W	6				19	CENTRAL CALIFORNIA. <GM-P>. MD 3.0 (GM).	
11	06	58	40.1%	26.231 S	28.150 E	5 G			0.6	7	REPUBLIC OF SOUTH AFRICA	
11	07	19	45.2&	36.584 N	121.174 W	6	4.1			54	CENTRAL CALIFORNIA. <GM-P>. MD 4.1 (GM). ML 4.1 (BRK). Felt (V) at Marina and (IV) at Aromas, Hollister and Soledad. Also felt at Salinas.	
11	07	27	46.0&	36.592 N	121.180 W	5				2	CENTRAL CALIFORNIA. <GM-P>. MD 3.0 (GM).	
11	07	55	56.3	24.922 S	179.977 W	500 G	5.0		1.0	36	SOUTH OF FIJI ISLANDS	
11	08	09	00.4%	39.131 N	27.711 E	5 G			0.7	5	TURKEY. ML 2.8 (ISK).	
11	08	11	14.7&	63.112 N	150.901 W	131				68	CENTRAL ALASKA. <AEIC>.	
11	08	18	35.5%	39.252 N	27.789 E	5 G			0.7	5	TURKEY. ML 2.7 (ISK).	
11	08	56	55.9&	36.585 N	121.174 W	7				28	CENTRAL CALIFORNIA. <GM-P>. MD 3.2 (GM). ML 3.1 (BRK).	
11	09	13	01.8*	24.795 N	63.266 E	24 D	4.6	4.5	1.3	19	OFF COAST OF PAKISTAN	
11	09	43	33.3	53.147 N	3.713 W	10 G			0.5	11	UNITED KINGDOM. ML 2.3 (BGS). Felt (III) in the Bettws-y-Coed area.	
11	09	44	49.8%	39.105 N	27.624 E	10 G			0.1	5	TURKEY. ML 2.8 (ISK).	
11	10	06	10.8%	39.126 N	27.177 E	10 G			0.3	5	TURKEY. ML 2.7 (ISK).	
11	10	38	39.7%	38.566 S	175.682 E	200 G			0.6	31	NORTH ISLAND, NEW ZEALAND	
11	10	48	02.1&	63.071 N	150.069 W	98				76	CENTRAL ALASKA. <AEIC>.	
11	11	04	00.8*	42.270 N	125.477 W	10 G			0.9	15	OFF COAST OF OREGON	
a	11	11	16	18.4	4.544 S	153.316 E	30 D	5.4	5.0	1.3	124	NEW IRELAND REGION, P.N.G. Mw 5.6 (HRV). Ms 5.1 (BRK).
11	12	14	10.5%	40.506 N	29.831 E	10 G			0.6	5	TURKEY. ML 2.8 (ISK).	
11	12	47	40.3%	39.134 N	27.684 E	10 G			0.9	5	TURKEY. ML 2.7 (ISK).	
f	11	13	07	29.5	17.845 S	178.726 W	555 G	5.8		1.0	457	FIJI ISLANDS REGION. Mw 6.0 (GS), 6.0 (HRV). mb 5.8 (BRK). Depth from broadband displacement seismograms.
11	13	29	09.0&	32.385 N	115.059 W	6 G				2	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 2.9 (PAS).	
11	14	06	54.8?	28.56 S	30.61 E	5 G			0.9	7	REPUBLIC OF SOUTH AFRICA. ML 3.3 (PRE).	
11	14	29	39.2%	60.398 N	5.252 E	10 G			0.6	5	SOUTHERN NORWAY. MD 1.3 (BER).	
11	14	34	52.0?	39.04 N	26.13 E	10 G			0.3	5	TURKEY. ML 2.9 (ISK).	
11	14	39	54.3%	39.676 N	29.520 E	10 G			0.4	5	TURKEY. ML 2.8 (ISK).	
11	15	45	28.0?	44.59 N	11.42 E	10 G			1.3	6	NORTHERN ITALY. MD 2.8 (FIR).	
11	15	52	30.5%	43.811 N	7.075 E	5 G			0.5	10	NEAR SOUTH COAST OF FRANCE. ML 2.6 (GEN).	
f	11	15	54	21.2	32.020 N	137.832 E	351 G	6.4		1.0	668	SOUTH OF HONSHU, JAPAN. Mw 6.8 (GS), 6.9 (HRV). mb 6.7 (BRK). Mo=3.9*10**19 Nm (PPT). One person died of a heart attack and four other people were injured in the Tokyo area. Felt (IV JMA) at Tokyo and Yokohama; (III JMA) at Chiba, Fukushima and Utsunomiya; (II JMA) at Kushiro, Morioka and Sendai. Depth from broadband

11	15	59	54.6%	41.107	N	28.462	E	10	G	0.7	7	displacement seismograms.	
11	16	18	04.1?	41.10	N	28.88	E	10	G	0.4	4	TURKEY. ML 2.7 (ISK).	
11	16	47	21.8%	59.943	N	152.964	W	112			84	TURKEY. ML 2.6 (ISK).	
11	16	53	04.1?	14.46	N	92.69	W	33	N	3.9	0.9	8	SOUTHERN ALASKA. <AEIC>.
11	17	08	47.3%	47.029	N	0.352	W	5	G	1.3	10	NEAR COAST OF CHIAPAS, MEXICO. MD 4.2 (GCG).	
11	17	42	09.8*	51.500	N	6.800	E	10	G	0.6	5	FRANCE. ML 3.1 (LDG).	
												5	GERMANY. ML 2.2 (BNS). Felt (IV) in the Oberhausen area.
11	17	46	08.7?	41.02	N	28.88	E	10	G	0.4	4	TURKEY. ML 2.6 (ISK).	
11	17	46	36.4%	59.581	N	153.197	W	105			52	SOUTHERN ALASKA. <AEIC>.	
11	18	52	27.4*	36.588	N	29.017	E	10	G	0.3	8	TURKEY. ML 3.5 (ISK).	
11	18	59	45.0%	32.366	N	115.068	W	6	G		23	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 4.1 (PAS), 4.1 (GS).	
11	19	29	51.4%	32.382	N	115.064	W	6	G		3	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 2.9 (PAS).	
11	19	44	36.6*	49.192	N	6.981	E	10	G	1.1	5	GERMANY. ML 2.0 (UCC).	
11	20	41	12.8	41.846	N	20.032	E	10	G	0.9	28	ALBANIA. ML 3.3 (THE), 2.9 (TIR).	
11	20	51	06.0	49.197	N	6.916	E	10	G	1.3	13	GERMANY. ML 2.9 (STR), 2.9 (GRF), 2.5 (UCC).	
11	22	19	01.9*	41.831	N	2.647	E	10	G	0.7	8	SPAIN. ML 2.7 (LDG).	
11	23	18	05.7*	41.891	N	23.129	E	10	G	1.6	14	GREECE-BULGARIA BORDER REGION. ML 3.3 (THE).	
11	23	34	45.8*	21.492	S	169.758	E	24	D	4.7 4.5	1.5	57	LOYALTY ISLANDS REGION
11	23	47	39.2%	42.437	N	122.007	W	16			20	OREGON. <SEA-P>. MD 2.9 (SEA). ML 3.4 (GS).	
12	01	41	01.2%	32.377	N	115.068	W	6	G		12	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.2 (PAS).	
12	02	35	00.8	33.913	S	94.278	E	10	G	5.2 4.8	1.0	43	SOUTH INDIAN OCEAN
12	03	09	57.2?	36.75	N	29.05	E	10	G	0.2	4	TURKEY. ML 3.2 (ISK).	
12	03	30	05.6%	32.365	N	115.057	W	6	G		3	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 2.8 (PAS).	
12	03	55	54.8	44.315	N	7.239	E	5	G	0.4	19	NORTHERN ITALY. ML 2.3 (GEN), 2.1 (LDG).	
12	04	03	59.7*	36.760	N	29.083	E	10	G	0.7	5	TURKEY. ML 3.2 (ISK).	
12	05	17	49.0?	35.17	S	179.89	W	285	*	3.8	0.9	23	EAST OF NORTH ISLAND, N.Z.
12	05	21	45.3?	44.60	N	6.89	E	10	G	0.3	4	FRANCE. ML 2.6 (GEN).	
12	05	45	09.8?	14.09	N	93.14	W	33	N	3.6	0.9	6	NEAR COAST OF CHIAPAS, MEXICO
12	09	20	07.2?	40.65	N	29.40	E	10	G	0.0	4	TURKEY. ML 2.6 (ISK).	
12	09	21	43.4?	39.16	N	27.43	E	10	G	0.0	4	TURKEY. ML 2.8 (ISK).	
12	09	35	37.3	40.440	N	21.833	E	5	G	0.7	7	GREECE. ML 3.1 (THE).	
12	10	04	40.7%	38.830	N	122.810	W	1			24	NORTHERN CALIFORNIA. <GM-P>. MD 3.1 (GM).	
12	10	22	10.2?	39.13	N	27.60	E	10	G	0.2	4	TURKEY. ML 2.7 (ISK).	
12	10	38	37.8%	39.085	N	27.712	E	10	G	0.4	5	TURKEY. ML 2.7 (ISK).	
12	10	41	47.6?	46.52	N	152.77	E	33	N	3.8	1.3	6	KURIL ISLANDS
12	10	57	38.1%	39.083	N	27.550	E	10	G	0.5	6	TURKEY. ML 2.7 (ISK).	
12	10	58	13.4%	63.359	N	148.757	W	95			91	CENTRAL ALASKA. <AEIC>.	
12	12	02	12.1%	61.429	N	149.906	W	37			85	SOUTHERN ALASKA. <AEIC>. ML 2.9 (AEIC).	
12	12	14	35.1%	39.141	N	27.713	E	10	G	0.4	5	TURKEY. ML 2.7 (ISK).	
12	12	39	55.5%	59.561	N	152.753	W	83			61	SOUTHERN ALASKA. <AEIC>.	
12	12	41	35.5%	58.865	N	153.438	W	79		3.6	96	KODIAK ISLAND REGION. <AEIC>.	
12	12	46	08.4?	42.77	N	23.77	E	10	G	0.5	7	BULGARIA. ML 3.2 (THE).	
12	12	57	15.3?	26.86	S	26.67	E	5	G	1.6	9	REPUBLIC OF SOUTH AFRICA. ML 3.5 (PRE).	
12	12	59	52.8%	61.048	N	152.835	W	160			89	SOUTHERN ALASKA. <AEIC>.	
12	13	00	18.7%	60.687	N	149.483	W	15			20	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.5 (AEIC).	
12	13	11	25.0	39.802	N	20.621	E	10	G	1.1	13	GREECE-ALBANIA BORDER REGION. ML 2.9 (THE).	
12	13	18	47.7*	51.441	N	16.121	E	10	G	0.7	7	POLAND. MG 2.6 (WAR).	
12	13	54	09.8?	26.72	S	28.20	E	5	G	0.3	4	REPUBLIC OF SOUTH AFRICA	
12	14	27	51.0	41.828	S	172.354	E	10	G	4.1	1.0	28	SOUTH ISLAND, NEW ZEALAND. ML 4.3 (WEL).
12	14	50	58.8%	34.42	S	178.32	W	40	D	4.8	0.5	9	SOUTH OF KERMADEC ISLANDS
12	15	00	12.6?	40.91	N	24.24	E	5	G	0.8	4	AEGEAN SEA. ML 2.6 (THE).	
12	15	17	55.1%	10.623	N	66.997	W	10	G	1.2	7	NEAR COAST OF VENEZUELA	
12	15	55	49.3%	39.671	N	29.632	E	10	G	0.3	7	TURKEY. ML 2.8 (ISK).	
12	16	19	13.6%	37.249	S	176.490	E	250	G	0.9	24	NORTH ISLAND, NEW ZEALAND	
12	16	20	58.7%	40.662	N	29.916	E	10	G	0.3	7	TURKEY. ML 2.7 (ISK).	
12	16	55	42.7*	29.403	S	68.973	W	147	?	1.0	9	SAN JUAN PROVINCE, ARGENTINA	
12	17	12	07.4	14.445	N	93.733	W	38	*	4.9 4.4	1.1	41	NEAR COAST OF CHIAPAS, MEXICO. MD 5.2 (GCG).
12	19	21	14.5?	36.28	N	28.97	E	10	G	1.0	4	DODECANESE ISLANDS. ML 3.2 (ISK).	
12	19	26	20.0%	40.538	N	23.478	E	10	G	0.8	6	GREECE. ML 2.5 (THE).	
a 12	19	51	25.3	4.196	N	76.638	W	103	D	5.5	0.9	383	COLOMBIA. Mw 5.2 (HRV). MD 5.5 (UPA). Several houses damaged in southern Choco Department. Felt throughout much of southwestern Colombia.
12	20	01	22.6*	51.252	N	15.678	E	10	G	1.6	8	POLAND	
12	20	21	21.1	37.756	N	14.927	E	57	*	1.4	42	SICILY. Felt strongly in the Randazzo area.	
12	20	49	23.4?	38.28	N	88.60	E	33	N	4.7 4.0	1.5	21	SOUTHERN XINJIANG, CHINA
a 12	21	04	52.4	13.048	N	51.063	E	10	G	5.0 4.8	1.3	61	EASTERN GULF OF ADEN. Mw 5.2 (HRV).
12	22	22	47.4?	1.44	N	127.11	E	33	N	4.9	0.8	13	HALMAHERA, INDONESIA
13	00	05	44.5*	17.830	N	68.519	W	33	N		0.3	9	MONA PASSAGE
13	00	11	04.7?	30.01	N	52.25	E	33	N	3.8	0.7	6	NORTHERN IRAN
13	00	39	00.6%	32.400	N	115.063	W	6	G		16	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.8 (PAS).	
a 13	00	52	33.6	7.576	N	121.484	E	44	D	5.3 4.8	1.1	150	MINDANAO, PHILIPPINE ISLANDS. Mw 5.5 (HRV).
13	01	08	10.2?	10.26	S	154.05	E	33	N	4.4	0.8	8	D'ENTRECASTEAUX ISLANDS REGION
13	01	26	20.7	42.511	N	2.208	E	10	G		1.1	10	PYRENEES. mbLg 3.1 (MDD). Felt (II) in the Bourg-Madame area, France.
13	01	39	12.3	6.426	S	154.934	E	102		5.5	0.9	172	SOLOMON ISLANDS
13	01	54	06.1	49.143	N	6.897	E	10	G		0.6	21	GERMANY. ML 2.8 (STR), 2.7 (BNS), 2.6 (UCC).
f 13	02	06	00.3	5.889	S	146.020	E	25	G	6.4 7.0	1.3	423	EASTERN NEW GUINEA REG., P.N.G. Mw 6.6 (GS), 6.9 (HRV). Ms 7.2 (BRK). ML 7.1 (PMG). Mo=1.4*10**19 Nm (PPT). Sixty people were killed and several injured in the Upper Markham Valley. Large landslides blocked the Ume River and contributed to many of the casualties. Depth from broadband displacement seismograms.
13	02	14	38.8*	40.541	N	19.635	E	5	G	1.3	14	ALBANIA. ML 3.7 (THE).	
13	02	43	32.2?	38.87	N	28.56	E	10	G	0.3	5	TURKEY. ML 2.9 (ISK).	
13	02	44	03.9*	5.792	S	146.076	E	33	N	4.7	1.2	19	EASTERN NEW GUINEA REG., P.N.G.
13	03	01	21.9?	6.47	S	146.46	E	33	N	4.2	0.5	9	EASTERN NEW GUINEA REG., P.N.G.
a 13	03	07	30.9	5.932	S	146.153	E	33	N	6.1 6.7	1.2	267	EASTERN NEW GUINEA REG., P.N.G. Mw 6.5 (HRV). Ms 6.7

14	05 42 04.5*	17.870 S	178.706 W	594 *	4.8	1.0	46	FIJI ISLANDS REGION
a 14	06 04 47.0	14.397 N	93.159 W	33 N	4.9 4.9	1.1	96	NEAR COAST OF CHIAPAS, MEXICO. Mw 5.3 (HRV). MD 5.2 (GCG).
14	06 20 46.9?	5.98 S	146.08 E	33 N	4.1	1.7	6	EASTERN NEW GUINEA REG., P.N.G. ML 4.5 (PMG).
14	06 31 07.5*	14.003 N	93.283 W	33 N	4.0	1.0	10	NEAR COAST OF CHIAPAS, MEXICO. MD 4.5 (GCG).
14	06 46 35.7	12.413 N	144.610 E	32 D	4.9 4.5	1.2	55	SOUTH OF MARIANA ISLANDS
14	06 55 01.5?	6.07 S	146.08 E	33 N	3.6	1.6	4	EASTERN NEW GUINEA REG., P.N.G. ML 4.0 (PMG).
14	07 03 24.1?	36.87 N	29.07 E	10 G		1.1	4	TURKEY
14	07 18 23.6	5.528 N	94.722 E	78 ?	4.8	1.1	31	NORTHERN SUMATERA, INDONESIA
14	07 25 13.6&	32.377 N	115.063 W	6 G			4	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 2.9 (PAS).
14	07 28 52.4&	40.349 N	28.867 E	10 G		0.8	7	TURKEY. ML 2.6 (ISK).
14	08 01 30.6*	5.896 S	146.046 E	33 N	4.3	1.7	8	EASTERN NEW GUINEA REG., P.N.G. ML 4.5 (PMG).
14	08 23 59.8?	39.12 N	27.65 E	10 G		0.9	4	TURKEY. ML 2.7 (ISK).
14	09 24 09.1?	39.08 N	27.82 E	10 G		1.1	4	TURKEY. ML 2.6 (ISK).
14	09 32 40.2*	36.886 S	178.032 E	179 *	4.8	1.5	32	OFF E. COAST OF N. ISLAND, N.Z.
14	09 40 55.9&	39.247 N	27.866 E	10 G		0.3	6	TURKEY. ML 2.8 (ISK).
14	09 41 09.3*	15.183 N	94.634 W	33 N	4.3	1.7	19	NEAR COAST OF OAXACA, MEXICO
14	09 43 04.3&	39.136 N	27.663 E	5 G		0.4	5	TURKEY. ML 2.8 (ISK).
14	09 54 17.7	10.959 S	165.918 E	33 N	5.1	1.1	25	SANTA CRUZ ISLANDS
14	09 57 27.3&	39.642 N	29.392 E	10 G		0.6	5	TURKEY. ML 2.8 (ISK).
14	10 00 36.1&	39.668 N	29.456 E	10 G		0.3	5	TURKEY. ML 2.7 (ISK).
14	10 04 29.6?	39.22 N	29.76 E	10 G		0.3	6	TURKEY. ML 2.9 (ISK).
14	10 14 43.1?	50.24 S	139.05 E	10 G	4.6	1.6	14	SOUTH OF AUSTRALIA
14	10 29 18.3?	36.80 N	29.06 E	10 G		1.7	5	TURKEY. ML 3.2 (ISK).
14	10 42 40.0&	60.009 N	153.216 W	127			65	SOUTHERN ALASKA. <AEIC>.
14	11 00 22.2*	5.926 S	146.058 E	33 N	4.4	1.4	9	EASTERN NEW GUINEA REG., P.N.G. ML 4.9 (PMG).
14	11 06 32.6?	39.47 N	22.49 E	33 N		0.4	4	GREECE
14	12 00 54.8&	59.822 N	151.965 W	67			64	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.9 (AEIC).
14	12 02 05.0&	40.777 N	29.993 E	10 G		0.7	8	TURKEY. ML 3.0 (ISK).
a 14	12 02 35.5	50.436 S	139.904 E	10 G	5.4 5.7	1.3	83	SOUTH OF AUSTRALIA. Mw 6.0 (HRV).
14	12 12 27.8?	39.20 N	27.96 E	10 G		0.5	4	TURKEY. ML 2.6 (ISK).
14	12 57 54.8*	5.875 S	145.792 E	33 N	3.9	1.6	5	EASTERN NEW GUINEA REG., P.N.G. ML 4.1 (PMG).
14	13 11 39.4*	11.221 S	115.230 E	33 N	4.9	0.9	24	SOUTH OF BALI, INDONESIA
14	13 27 52.0	39.156 N	27.648 E	10 G		0.8	7	TURKEY. ML 2.8 (ISK).
14	13 30 04.2*	7.470 S	128.319 E	134 ?	4.7	1.0	21	BANDA SEA
14	13 37 21.7	41.216 N	21.937 E	10 G		0.8	7	NORTHWESTERN BALKAN REGION. ML 2.6 (THE).
14	14 13 39.4*	19.281 S	177.995 W	443	4.6	1.1	25	FIJI ISLANDS REGION
14	14 14 09.7?	40.34 N	29.99 E	10 G		0.4	4	TURKEY. ML 2.7 (ISK).
14	14 38 45.0?	6.34 S	145.61 E	33 N	4.6	1.2	4	NEW GUINEA, PAPUA NEW GUINEA. ML 4.5 (PMG).
14	14 51 46.2?	38.06 N	21.01 E	10 G		1.3	14	GREECE. MD 3.2 (ATH).
14	14 58 35.6&	40.295 N	28.778 E	10 G		1.1	5	TURKEY. ML 2.6 (ISK).
14	15 03 48.0*	6.086 S	146.120 E	33 N	4.0	1.3	5	EASTERN NEW GUINEA REG., P.N.G. ML 4.5 (PMG).
14	15 30 28.2*	6.143 S	146.162 E	33 N	4.0	1.2	6	EASTERN NEW GUINEA REG., P.N.G. ML 4.5 (PMG).
14	16 11 14.7&	37.045 S	177.629 E	140 G		1.2	13	OFF E. COAST OF N. ISLAND, N.Z.
14	16 13 52.2	47.524 N	15.947 E	10 G		1.2	11	AUSTRIA. ML 3.6 (GRF), 3.2 (VIE), 3.2 (BRA). Felt (V) at Spital and Semmering.
14	16 30 27.2&	67.007 N	20.896 E	10 G		1.3	6	SWEDEN. MD 2.9 (BER).
14	16 31 37.8?	58.12 N	6.32 E	10 G		0.7	6	SOUTHERN NORWAY. MD 2.4 (BER).
14	16 34 25.5*	31.892 S	178.456 W	33 N	4.8	1.4	17	KERMADEC ISLANDS REGION
14	16 38 17.7?	57.90 N	6.22 E	10 G		0.4	9	NORTH SEA. MD 2.6 (BER).
14	17 04 27.8?	5.97 S	146.15 E	33 N	4.0	1.3	5	EASTERN NEW GUINEA REG., P.N.G. ML 4.5 (PMG).
14	17 13 00.3	50.807 N	6.330 E	10 G		0.4	9	GERMANY. ML 2.2 (UCC), 2.0 (BNS).
14	17 23 08.7&	63.098 N	150.673 W	120			59	CENTRAL ALASKA. <AEIC>.
14	18 13 05.6	23.730 N	143.020 E	33 N	4.7 4.1	1.0	61	VOLCANO ISLANDS REGION
14	18 31 37.4?	0.38 S	12.69 W	10 G	4.2	0.8	7	NORTH OF ASCENSION ISLAND
14	18 43 13.8?	40.54 N	29.94 E	5 G		0.2	4	TURKEY. ML 2.7 (ISK).
14	18 51 58.1	44.052 N	7.822 E	5 G		0.6	14	NORTHERN ITALY. ML 2.7 (GEN).
14	19 10 49.7	39.036 N	29.753 E	10 G		1.2	13	TURKEY. ML 3.2 (ISK).
14	19 48 39.1	6.140 S	146.298 E	22 D	4.6 4.5	0.8	22	EASTERN NEW GUINEA REG., P.N.G. ML 4.8 (PMG).
14	19 57 02.8?	6.01 S	146.09 E	33 N		1.5	8	EASTERN NEW GUINEA REG., P.N.G. ML 4.2 (PMG).
14	20 15 21.5&	35.004 N	116.903 W	6			8	CENTRAL CALIFORNIA. <PAS-P>. ML 2.8 (PAS). Felt.
14	20 20 02.8?	52.83 N	169.60 E	33 N	4.1	1.2	20	SOUTH OF ALEUTIAN ISLANDS
14	20 34 54.6&	31.156 S	68.339 W	100 G		0.4	5	SAN JUAN PROVINCE, ARGENTINA
14	20 59 52.0*	17.750 S	178.863 W	586 *	4.8	1.1	35	FIJI ISLANDS REGION
14	21 19 29.0&	47.502 N	116.069 W	1 G			23	WESTERN IDAHO. <BUT>. ML 2.9 (BUT). Rockburst at the Sunshine Mine. Felt in the area near the mine.
14	21 22 01.3?	32.48 S	68.76 W	33 N		0.5	5	MENDOZA PROVINCE, ARGENTINA
14	21 50 44.0	45.855 N	14.888 E	10 G		1.0	8	NORTHWESTERN BALKAN REGION. MD 2.9 (LJU). Felt (IV) at Ambrus and Zagradec, Slovenia.
14	22 57 41.8&	63.061 N	150.958 W	131			86	CENTRAL ALASKA. <AEIC>.
15	00 11 35.9	6.033 S	146.198 E	22 D	5.2	1.1	76	EASTERN NEW GUINEA REG., P.N.G. ML 5.7 (PMG).
15	00 38 27.3&	60.726 N	152.249 W	96			71	SOUTHERN ALASKA. <AEIC>.
15	00 43 54.6	22.231 S	175.109 W	33 N	5.0 4.9	1.2	69	TONGA ISLANDS REGION
15	01 12 19.8*	3.274 N	127.080 E	33 N	4.8 4.5	1.3	17	TALAUD ISLANDS, INDONESIA
15	02 02 37.9&	17.634 N	101.822 W	33 N		1.0	7	NEAR COAST OF GUERRERO, MEXICO
15	02 43 02.3	44.226 N	12.180 E	10 G	3.2	1.2	62	NORTHERN ITALY. ML 3.7 (STR), 3.3 (FUR), 3.0 (LJU). MD 3.5 (FIR), 3.4 (ROM).
15	02 51 46.6?	6.16 S	146.33 E	33 N	4.1	1.1	5	EASTERN NEW GUINEA REG., P.N.G. ML 4.5 (PMG).
15	02 54 53.3&	32.389 N	115.062 W	6 G			5	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 2.9 (PAS).
15	03 00 19.5*	44.081 N	12.348 E	10 G		1.2	12	NORTHERN ITALY. MD 2.9 (FIR).
15	03 19 13.7&	32.155 S	69.787 W	125 ?		0.4	7	MENDOZA PROVINCE, ARGENTINA
15	03 42 40.3?	38.13 S	175.58 E	150 G		0.7	9	NORTH ISLAND, NEW ZEALAND
15	04 52 49.9&	26.868 S	26.538 E	5 G		1.1	8	REPUBLIC OF SOUTH AFRICA. ML 3.2 (PRE).
15	05 13 38.2*	37.790 N	179.739 E	10 G	3.9	1.1	13	IONIAN SEA. ML 4.0 (THE).
15	05 27 31.7&	38.525 S	175.797 E	150 G		1.3	23	NORTH ISLAND, NEW ZEALAND
15	07 54 58.6&	39.082 N	27.642 E	10 G		0.7	5	TURKEY. ML 2.7 (ISK).
15	08 29 54.2	21.308 S	67.281 W	219	4.7	1.1	19	CHILE-BOLIVIA BORDER REGION
15	08 37 50.7*	36.676 N	2.167 E	10 G	3.9	0.9	25	NORTHERN ALGERIA. mbLg 3.5 (MDD).
15	08 56 56.4&	39.097 N	27.627 E	10 G		0.3	5	TURKEY. ML 2.8 (ISK).
15	09 21 20.9	40.425 N	21.864 E	10 G		0.7	6	GREECE. ML 3.0 (THE).
15	09 49 05.3	40.987 N	20.204 E	10 G		0.8	6	GREECE-ALBANIA BORDER REGION

15	10	06	29.7	40.358	N	21.670	E	10	G	0.3	7	GREECE. ML 2.6 (THE).			
15	10	12	16.3	39.087	N	27.716	E	10	G	0.4	5	TURKEY. ML 2.7 (ISK).			
15	10	43	48.5	39.07	N	27.62	E	10	G	0.4	4	TURKEY. ML 2.7 (ISK).			
15	10	51	54.2	23.782	N	122.035	E	21	D	1.4	22	TAIWAN REGION. ML 3.8 (BJI).			
15	11	38	21.4	36.473	N	121.035	W	2			12	CENTRAL CALIFORNIA. <GM-P>. MD 2.7 (GM). ML 2.6 (PAS).			
15	12	11	31.1	39.20	N	27.82	E	10	G	0.3	4	TURKEY. ML 2.7 (ISK).			
15	12	47	17.2	26.82	S	26.43	E	5	G	1.0	4	REPUBLIC OF SOUTH AFRICA			
15	12	54	29.2	16.16	N	98.46	W	33	N	1.7	7	NEAR COAST OF GUERRERO, MEXICO			
15	12	55	59.1	36.42	N	2.48	E	10	G	0.8	7	NORTHERN ALGERIA. mbLg 3.0 (MDD).			
15	13	06	57.5	40.794	N	27.778	E	10	G	0.1	5	TURKEY. ML 2.6 (ISK).			
15	13	13	02.2	39.091	N	27.679	E	10	G	0.3	6	TURKEY. ML 2.7 (ISK).			
15	13	46	34.9	30.83	S	68.68	W	100	G	1.2	7	SAN JUAN PROVINCE, ARGENTINA			
15	14	33	24.0	31.734	S	68.034	W	33	N	0.9	7	SAN JUAN PROVINCE, ARGENTINA			
15	14	37	15.1	39.92	N	19.29	E	5	G	1.5	12	GREECE-ALBANIA BORDER REGION. ML 2.8 (THE).			
15	14	50	13.3	44.831	S	165.913	E	10	G	0.4	7	OFF W. COAST OF S. ISLAND, N.Z. ML 4.0 (WEL).			
15	14	56	04.1	41.63	N	27.67	E	10	G	0.6	4	TURKEY. ML 2.8 (ISK).			
15	14	58	01.3	40.261	N	23.031	E	10	G	0.6	6	GREECE. ML 2.3 (THE).			
15	15	15	08.0	39.568	N	29.498	E	10	G	0.7	5	TURKEY. ML 2.8 (ISK).			
15	15	39	38.5	39.322	N	27.808	E	10	G	1.0	5	TURKEY. ML 2.8 (ISK).			
15	15	59	10.2	9.99	N	67.19	W	10	G	1.0	4	VENEZUELA			
15	18	00	33.6	31.263	S	68.002	W	100	G	0.1	5	SAN JUAN PROVINCE, ARGENTINA			
15	18	41	48.8	16.99	N	99.35	W	10	G	0.5	4	NEAR COAST OF GUERRERO, MEXICO			
15	18	52	48.0	44.47	N	9.31	E	10	G	0.4	7	NORTHERN ITALY. ML 2.9 (GEN).			
15	18	57	09.4	34.242	N	116.425	W	3			11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS). Felt in the Yucca Valley area.			
15	19	34	14.7	13.530	N	146.208	E	33	N	4.4	4.1	1.3	12	SOUTH OF MARIANA ISLANDS	
15	19	38	21.4	56.091	S	26.819	W	33	N	4.6		1.3	15	SOUTH SANDWICH ISLANDS REGION	
15	19	54	52.7	27.13	S	179.22	E	534	?	4.7		1.1	32	KERMADEC ISLANDS REGION	
15	20	01	15.5	20.143	N	146.176	E	32	D	4.9	4.2	1.4	92	MARIANA ISLANDS REGION	
15	21	03	54.7	31.213	S	68.701	W	100	G			0.1	7	SAN JUAN PROVINCE, ARGENTINA	
15	21	31	37.3	4.214	N	127.797	E	126	*	5.3		1.0	34	TALAUD ISLANDS, INDONESIA	
15	21	41	44.3	42.319	N	29.831	E	10	G			0.6	25	BLACK SEA. ML 3.6 (ISK).	
15	22	37	19.6	40.744	N	48.105	E	56	D	4.8		1.1	39	EASTERN CAUCASUS	
15	23	12	49.5	59.042	N	152.975	W	77					73	SOUTHERN ALASKA. <AEIC>.	
15	23	17	58.4	38.849	N	122.821	W	1					40	NORTHERN CALIFORNIA. <GM-P>. MD 3.3 (GM). ML 3.3 (BRK).	
15	23	51	05.2	44.62	N	11.79	E	10	G	0.4	4		4	NORTHERN ITALY. MD 2.4 (FIR).	
15	23	52	24.0	44.111	N	12.285	E	10	G	0.8	16			NORTHERN ITALY. MD 3.4 (FIR).	
16	00	41	00.0	24.201	S	67.358	W	162	D	5.1		1.3	89	CHILE-ARGENTINA BORDER REGION	
16	01	18	32.0	31.078	S	68.354	W	100	G			0.1	7	SAN JUAN PROVINCE, ARGENTINA	
16	02	24	20.5	8.971	N	126.724	E	37	D	4.9		1.5	34	MINDANAO, PHILIPPINE ISLANDS	
f	16	03	05	30.3	5.898	S	146.202	E	27	G	6.2	6.4	1.0	382	EASTERN NEW GUINEA REG., P.N.G. Mw 6.3 (GS), 6.3 (HRV). Ms 6.5 (BRK). ML 6.5 (PMG). Mo=4.7*10**18 Nm (PPT). Three people killed and additional damage in the Upper Markham Valley. Depth from broadband displacement seismograms.
16	03	15	22.1	6.071	S	146.147	E	33	N	4.9		1.6	14	EASTERN NEW GUINEA REG., P.N.G.	
16	03	45	39.3	5.867	S	146.377	E	39	D	4.9		1.1	49	EASTERN NEW GUINEA REG., P.N.G.	
16	04	21	31.5	5.896	S	145.990	E	13		4.6		1.0	21	EASTERN NEW GUINEA REG., P.N.G. ML 4.7 (PMG).	
16	06	30	05.3	41.698	N	81.012	W	5	G			0.7	10	OHIO. mbLg 3.4 (GS), 3.6 (OTT). Felt (IV) at Madison and Unionville. Also felt in the Perry area.	
16	06	57	21.5	37.43	N	71.56	E	33	N	4.4		0.8	11	AFGHANISTAN-TAJIKISTAN BORD REG.	
16	07	21	04.2	14.364	N	92.996	W	33	N	4.6	4.6	1.2	49	NEAR COAST OF CHIAPAS, MEXICO	
16	07	41	02.4	6.140	S	128.940	E	33	N	4.7		1.5	8	BANDA SEA	
16	07	42	18.9	14.460	N	92.883	W	33	N	4.5		1.1	32	NEAR COAST OF CHIAPAS, MEXICO	
16	07	54	04.1	57.998	N	143.305	W	10	G			0.4	34	GULF OF ALASKA. ML 3.0 (AEIC).	
16	08	01	06.4	18.263	N	101.023	W	33	N			0.5	9	GUERRERO, MEXICO	
16	08	09	36.9	26.145	S	27.282	E	5	G			1.0	6	REPUBLIC OF SOUTH AFRICA. ML 3.6 (PRE). mbLg 3.4 (BUL).	
16	08	39	11.3	21.300	S	70.016	W	131	*	4.4		1.5	15	NEAR COAST OF NORTHERN CHILE	
16	08	41	40.7	39.08	N	27.73	E	10	G			0.7	4	TURKEY. ML 2.7 (ISK).	
16	09	17	41.0	39.12	N	27.76	E	10	G			0.6	5	TURKEY. ML 2.9 (ISK).	
16	09	26	38.7	13.925	N	93.113	W	33	N	4.1		1.1	14	OFF COAST OF CHIAPAS, MEXICO. MD 4.3 (GCG).	
16	09	33	38.9	14.349	N	92.897	W	33	N	4.9	4.4	1.2	87	NEAR COAST OF CHIAPAS, MEXICO. MD 4.5 (GCG).	
16	09	55	01.9	18.303	N	66.222	W	80	?			0.7	10	PUERTO RICO REGION	
16	10	13	01.3	13.775	N	93.385	W	33	N	4.3		0.9	8	OFF COAST OF CHIAPAS, MEXICO. MD 4.5 (GCG).	
16	10	35	23.5	39.101	N	27.652	E	10	G			0.5	5	TURKEY. ML 2.7 (ISK).	
16	10	39	55.2	41.159	N	28.479	E	10	G			1.5	5	TURKEY. ML 2.7 (ISK).	
a	16	10	52	25.9	7.472	N	123.447	E	31	D	5.5	5.4	1.2	129	MINDANAO, PHILIPPINE ISLANDS. Mw 5.8 (HRV).
16	11	09	15.5	14.035	N	93.155	W	33	N	4.0		1.3	9	NEAR COAST OF CHIAPAS, MEXICO	
16	11	10	10.5	60.005	N	152.740	W	108					50	SOUTHERN ALASKA. <AEIC>.	
16	11	48	14.3	13.60	N	92.93	W	33	N	4.2		1.3	11	OFF COAST OF CHIAPAS, MEXICO	
16	12	02	15.0	39.493	S	174.328	E	200	G			1.1	24	NORTH ISLAND, NEW ZEALAND	
16	12	10	59.2	10.93	N	62.21	W	80	G			0.0	4	NEAR COAST OF VENEZUELA. MD 3.0 (TRN).	
16	12	12	38.3	39.08	N	27.65	E	10	G			0.1	4	TURKEY. ML 2.7 (ISK).	
16	12	19	35.5	39.10	N	27.65	E	10	G			0.3	4	TURKEY. ML 2.7 (ISK).	
16	12	26	06.7	44.355	N	7.299	E	10	G			0.2	8	NORTHERN ITALY. ML 2.4 (GEN).	
16	12	33	37.9	18.349	S	167.446	E	33	N	4.0		1.1	5	VANUATU ISLANDS	
16	12	47	37.4	39.673	N	29.567	E	10	G			0.2	5	TURKEY. ML 2.7 (ISK).	
16	13	27	45.0	13.992	N	93.128	W	33	N	4.3		1.4	34	OFF COAST OF CHIAPAS, MEXICO. MD 4.7 (GCG).	
16	15	17	29.6	42.274	N	121.974	W	12					22	OREGON. <SEA-P>. ML 3.2 (GS). MD 2.6 (SEA).	
16	15	58	41.5	22.352	S	179.548	W	550	*	4.9		1.1	63	SOUTH OF FIJI ISLANDS	
16	17	11	11.4	49.167	N	6.924	E	10	G			0.1	5	GERMANY. ML 1.8 (UCC).	
16	17	40	43.5	10.91	N	62.25	W	100	G			0.1	6	NEAR COAST OF VENEZUELA. MD 3.1 (TRN).	
16	18	39	11.8	61.119	N	150.757	W	50					66	SOUTHERN ALASKA. <AEIC>. ML 2.8 (AEIC).	
16	18	54	31.4	28.43	S	68.79	W	33	N			0.6	5	LA RIOJA PROVINCE, ARGENTINA	
16	19	35	27.0	31.28	S	69.23	W	120	G			0.4	6	SAN JUAN PROVINCE, ARGENTINA	
16	20	31	52.8	44.364	N	6.584	E	5	G			0.4	6	FRANCE. ML 2.3 (GEN).	
16	21	18	15.6	38.745	N	26.476	E	11				0.7	36	AEGEAN SEA. MD 3.9 (ATH). ML 3.8 (ISK), 3.8 (THE).	
16	21	19	55.7	26.285	S	28.502	E	5	G			0.9	8	REPUBLIC OF SOUTH AFRICA. mbLg 3.7 (BUL). ML 3.6 (PRE).	
16	21	32	34.9	38.690	N	26.527	E	10	G			1.1	22	AEGEAN SEA. ML 3.7 (ISK). MD 3.4 (ATH).	
16	21	42	05.3	27.799	S	26.594	E	5	G			1.2	5	REPUBLIC OF SOUTH AFRICA. ML 2.8 (PRE).	
16	22	59	21.6	6.25	S	146.36	E	33	N	4.3		1.7	8	EASTERN NEW GUINEA REG., P.N.G. ML 4.5 (PMG).	
17	00	14	30.5	43.111	N	126.802	W	10	G			0.4	46	OFF COAST OF OREGON	
17	01	51	02.9	44.223	N	118.522	W	5	G			0.8	61	OREGON. ML 3.1 (GS). MD 3.1 (SEA).	

a	17	03 06	43.0	44.018 N	148.476 E	46 D	4.8	1.3	74	KURIL ISLANDS
	17	03 18	22.6	10.989 S	163.268 E	30 D	5.2 4.9	1.2	77	SOLOMON ISLANDS. Mw 5.5 (HRV).
	17	04 01	25.4&	59.459 N	153.176 W	106			51	SOUTHERN ALASKA. <AEIC>.
	17	04 43	41.3%	37.264 N	2.495 W	10 G		0.9	5	SPAIN. mbLg 2.5 (MDD).
	17	06 38	38.1	53.998 N	161.509 E	35 D	4.7 4.5	0.9	111	OFF EAST COAST OF KAMCHATKA
	17	06 44	36.2%	40.172 N	28.740 E	10 G		0.4	6	TURKEY. ML 2.7 (ISK).
	17	06 54	01.9	11.802 N	87.001 W	33 N	4.8	1.2	68	NEAR COAST OF NICARAGUA. MD 4.7 (UPA).
	17	07 49	55.5	39.631 N	19.917 E	20		1.4	24	GREECE-ALBANIA BORDER REGION. MD 3.6 (ATH). ML 3.6 (THE), 3.3 (TIR).
	17	07 54	47.5%	30.362 S	68.356 W	33 N		0.9	5	SAN JUAN PROVINCE, ARGENTINA
	17	07 57	29.5*	36.751 N	29.082 E	10 G		1.1	5	TURKEY. ML 3.0 (ISK).
	17	08 21	58.4&	40.671 N	125.316 W	22			28	OFF COAST OF NORTHERN CALIFORNIA. <GM-P>. MD 3.5 (GM). ML 4.0 (BRK).
	17	08 36	24.5&	61.885 N	151.717 W	110			46	SOUTHERN ALASKA. <AEIC>.
	17	08 42	18.6?	39.11 N	27.65 E	10 G		0.4	4	TURKEY. ML 2.7 (ISK).
	17	08 56	25.4?	16.53 S	176.65 W	33 N	4.9	1.6	10	FIJI ISLANDS REGION
	17	09 08	12.1%	39.122 N	27.628 E	10 G		0.4	5	TURKEY. ML 2.8 (ISK).
	17	09 23	00.9	7.275 S	119.750 E	448	5.1	1.2	95	FLORES SEA
	17	09 49	01.4&	40.291 N	125.313 W	25			4	OFF COAST OF NORTHERN CALIFORNIA. <GM-P>. MD 3.1 (GM).
	17	10 15	44.7?	39.67 N	29.50 E	10 G		0.9	4	TURKEY. ML 2.7 (ISK).
	17	10 27	58.6?	39.08 N	27.65 E	10 G		0.4	4	TURKEY. ML 2.7 (ISK).
	17	11 32	45.9&	34.137 N	116.783 W	10			8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	17	11 43	44.6&	35.149 N	116.568 W	11			20	CENTRAL CALIFORNIA. <PAS-P>. ML 3.2 (PAS).
	17	12 15	02.3?	39.14 N	27.63 E	10 G		0.1	4	TURKEY. ML 2.7 (ISK).
	17	13 05	41.0&	67.521 N	145.920 W	27	4.0		57	NORTHERN ALASKA. <AEIC>. ML 4.3 (AEIC), 3.9 (PMR).
	17	13 12	33.5	52.376 N	170.598 W	33 N	4.9 4.7	1.1	95	FOX ISLANDS, ALEUTIAN ISLANDS. ML 5.0 (PMR).
	17	13 53	38.8%	39.703 N	29.569 E	10 G		0.5	6	TURKEY. ML 2.8 (ISK).
	17	14 09	03.0*	30.300 S	72.089 W	21		1.1	18	OFF COAST OF CENTRAL CHILE. MD 4.5 (SAN).
	17	14 34	34.0%	33.008 S	66.659 W	33 N		0.6	6	SAN LUIS PROVINCE, ARGENTINA
	17	14 39	01.5*	34.553 N	27.659 E	13	4.4	1.4	65	EASTERN MEDITERRANEAN SEA. MD 4.1 (HLW).
	17	14 53	31.1	19.336 N	121.117 E	33 N	4.6 4.2	1.3	52	PHILIPPINE ISLANDS REGION
	17	14 55	27.5&	62.559 N	151.227 W	87			57	CENTRAL ALASKA. <AEIC>.
a	17	15 03	13.9%	41.153 N	28.866 E	10 G		0.6	7	TURKEY. ML 2.7 (ISK).
	17	15 10	05.9	19.568 S	172.647 W	40 D	5.3 4.9	1.3	53	TONGA ISLANDS REGION
	17	15 37	49.6&	35.823 N	121.320 W	3			9	CENTRAL CALIFORNIA. <GM-P>. MD 2.7 (GM). ML 2.8 (PAS).
	17	15 38	58.3*	35.808 N	26.628 E	10 G		0.8	7	CRETE. MD 3.8 (ATH).
	17	15 42	05.8?	40.63 N	29.91 E	10 G		0.8	4	TURKEY. ML 2.7 (ISK).
	17	15 42	39.4	10.989 S	164.576 E	33 D	4.9 4.6	1.1	35	SANTA CRUZ ISLANDS REGION. Mw 5.4 (HRV).
	17	16 17	21.5?	29.40 S	68.67 W	33 N		1.2	5	SAN JUAN PROVINCE, ARGENTINA
	17	17 28	35.9?	39.68 N	26.25 E	10 G		0.9	5	TURKEY. ML 2.7 (ISK).
	17	17 56	32.6*	5.979 S	146.125 E	33 N	4.0	1.0	8	EASTERN NEW GUINEA REG., P.N.G.
	17	18 33	14.7%	40.835 N	27.969 E	10 G		0.6	7	TURKEY. ML 2.8 (ISK).
	17	19 23	56.4?	40.75 N	27.40 E	5 G		0.2	4	TURKEY. ML 2.6 (ISK).
	17	19 38	29.3*	5.052 S	152.437 E	73 *	4.8	0.9	11	NEW BRITAIN REGION, P.N.G.
	17	19 54	31.8%	31.295 S	68.529 W	100 G		0.4	7	SAN JUAN PROVINCE, ARGENTINA
	17	20 08	17.0?	36.82 N	29.08 E	10 G		1.2	4	TURKEY. ML 3.1 (ISK).
	17	20 18	03.1*	36.711 N	29.112 E	10 G		0.5	5	TURKEY. ML 3.3 (ISK).
	17	21 57	30.3%	14.390 N	92.368 W	33 N		0.5	6	NEAR COAST OF CHIAPAS, MEXICO. MD 4.0 (GCG).
	17	22 57	00.8	45.238 N	3.902 E	10 G		1.0	17	FRANCE. ML 3.0 (STR).
	17	23 04	47.4?	31.13 S	68.23 W	100 G		0.4	5	SAN JUAN PROVINCE, ARGENTINA
	17	23 15	32.7%	44.267 N	8.218 E	5 G		0.4	10	NORTHERN ITALY. ML 2.4 (GEN).
	17	23 17	45.2%	44.270 N	8.210 E	5 G		0.5	6	NORTHERN ITALY. ML 1.8 (GEN).
	17	23 34	57.1	39.401 N	27.908 E	10 G		0.5	11	TURKEY. ML 2.9 (ISK).
	18	00 00	56.3?	39.43 N	27.83 E	10 G		0.1	4	TURKEY. ML 2.7 (ISK).
	18	00 06	15.2	42.385 N	1.072 E	10 G		0.7	7	PYRENEES. mbLg 2.5 (MDD). ML 2.0 (STR).
	18	00 28	21.4&	32.172 N	116.673 W	6 G			5	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 2.8 (PAS).
	18	01 27	25.3	47.475 N	7.145 E	10 G		0.6	11	SWITZERLAND. ML 2.1 (STR).
	18	01 28	22.5*	36.443 N	53.950 E	33 N	4.4	1.3	7	NORTHERN IRAN. ML 4.4 (TEH).
	18	01 30	10.0?	36.74 N	29.10 E	10 G		0.3	4	TURKEY. ML 3.1 (ISK).
	18	01 30	30.0&	37.639 N	118.923 W	9			20	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.2 (GM). ML 3.0 (BRK). Felt throughout the Long Valley Caldera region.
	18	01 33	36.6&	37.635 N	118.916 W	9			7	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM). Felt in the Long Valley Caldera region.
	18	01 37	33.3&	37.641 N	118.916 W	8			5	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM). Felt in the Long Valley Caldera region.
	18	01 59	48.3?	38.87 N	0.81 W	10 G		0.0	4	SPAIN. mbLg 2.7 (MDD).
	18	02 47	27.2?	38.76 N	26.46 E	10 G		0.4	5	AEGEAN SEA. ML 3.1 (ISK).
	18	02 53	13.9?	31.49 S	68.95 W	100 G		0.1	4	SAN JUAN PROVINCE, ARGENTINA
	18	03 06	59.4*	23.626 N	100.340 E	10 G		1.6	5	YUNNAN, CHINA. ML 4.2 (BJI).
	18	03 45	53.3&	37.633 N	118.917 W	9			27	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM). Felt at Mammoth Lakes, California.
	18	03 53	29.7?	44.73 N	6.65 E	5 G		1.5	4	FRANCE. ML 2.3 (GEN).
	18	04 25	28.3?	31.57 S	69.27 W	120 G		0.4	5	SAN JUAN PROVINCE, ARGENTINA
	18	04 54	09.2?	10.77 N	64.67 W	33 N		0.8	4	NEAR COAST OF VENEZUELA
	18	05 44	48.8&	61.459 N	150.928 W	59			38	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	18	05 50	17.4*	0.633 N	30.215 E	33 N	4.9	0.8	19	UGANDA
	18	06 13	32.6*	13.972 N	92.781 W	33 N	4.0	1.6	12	OFF COAST OF CHIAPAS, MEXICO. MD 4.4 (GCG).
	18	06 27	52.5&	58.711 N	154.596 W	136			28	ALASKA PENINSULA. <AEIC>.
	18	06 34	41.4?	29.78 S	117.00 E	10 G		0.1	4	WESTERN AUSTRALIA
	18	06 39	04.7&	59.998 N	151.495 W	67			77	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.0 (AEIC).
	18	06 40	20.8&	37.539 N	118.886 W	5			78	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.4 (GM). ML 3.8 (BRK), 3.3 (GS). Felt at Mammoth Lakes, California.
	18	07 24	06.4*	3.801 S	152.605 E	33 N	5.0	1.2	17	NEW IRELAND REGION, P.N.G.
	18	07 36	21.6&	37.542 N	118.883 W	5			10	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM).
	18	07 37	26.2&	37.539 N	118.885 W	4			39	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.3 (GM). ML 3.2 (BRK).
	18	07 45	47.2&	37.539 N	118.882 W	6			17	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM).
	18	07 50	36.3*	13.952 N	92.668 W	33 N		1.1	8	OFF COAST OF CHIAPAS, MEXICO. MD 4.1 (GCG).
	18	07 51	12.1?	36.19 N	114.56 E	33 N		1.6	6	SOUTHEASTERN CHINA. ML 3.9 (BJI).
	18	07 52	14.8?	39.14 N	27.70 E	10 G		0.8	4	TURKEY. ML 2.7 (ISK).

18	07 55 06.7%	39.602 N	29.471 E	10 G	1.0	6	TURKEY. ML 2.6 (ISK).
18	08 12 30.9*	42.000 N	20.261 E	10 G	0.5	5	NORTHWESTERN BALKAN REGION
18	08 13 09.3?	6.04 S	146.04 E	33 N	1.4	8	EASTERN NEW GUINEA REG., P.N.G.
18	08 14 24.2?	39.10 N	27.70 E	10 G	0.4	4	TURKEY. ML 2.6 (ISK).
18	08 18 50.1%	31.469 S	67.780 W	23 *	0.3	8	SAN JUAN PROVINCE, ARGENTINA
18	08 33 14.1?	39.59 N	29.53 E	10 G	0.7	4	TURKEY. ML 2.6 (ISK).
18	08 35 15.4?	39.17 N	27.18 E	10 G	0.4	4	TURKEY. ML 2.9 (ISK).
18	08 58 25.6%	61.333 N	150.214 W	35	51		SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
18	09 07 14.8?	39.12 N	27.57 E	10 G	0.2	4	TURKEY. ML 2.7 (ISK).
18	09 20 44.2%	39.146 N	27.569 E	10 G	0.3	6	TURKEY. ML 2.8 (ISK).
18	09 27 47.9%	54.371 N	147.096 W	10 G		32	SOUTH OF ALASKA. <AEIC>. ML 3.1 (AEIC).
18	09 41 42.1%	39.281 N	27.773 E	10 G	0.3	6	TURKEY. ML 2.7 (ISK).
18	09 49 43.2	18.656 N	64.452 W	30	4.3	1.2	28 VIRGIN ISLANDS. MD 4.1 (MPR). Felt on Tortola, British Virgin Islands and St. Thomas, U.S. Virgin Islands.
18	10 13 21.5%	39.084 N	27.522 E	10 G	0.9	5	TURKEY. ML 2.6 (ISK).
18	10 25 50.5?	39.08 N	27.57 E	10 G	0.3	4	TURKEY. ML 2.6 (ISK).
18	10 28 32.3%	63.124 N	150.884 W	131		47	CENTRAL ALASKA. <AEIC>.
18	10 29 32.5%	39.114 N	27.416 E	10 G	0.8	6	TURKEY. ML 2.6 (ISK).
18	10 33 50.8?	39.11 N	27.52 E	10 G	0.7	4	TURKEY. ML 2.7 (ISK).
18	11 32 12.2*	10.320 N	125.388 E	33 N	1.7	6	LEYTE, PHILIPPINE ISLANDS
18	12 00 39.6%	44.387 N	7.292 E	10 G	0.5	9	NORTHERN ITALY. ML 2.2 (GEN).
18	12 41 36.8	38.633 N	70.020 E	33 N	4.9	1.1	47 AFGHANISTAN-TAJIKISTAN BORD REG. ML 4.8 (BJI).
18	12 48 24.5%	39.391 N	23.601 E	10 G	0.2	6	AEGEAN SEA. ML 3.0 (THE).
18	12 50 49.0?	10.97 N	61.44 W	33 N	0.0	4	TRINIDAD. MD 2.5 (TRN).
18	12 56 09.7%	44.774 N	7.223 E	10 G	0.6	6	NORTHERN ITALY. ML 2.4 (GEN).
18	13 57 14.6*	22.133 N	62.861 E	10 G	5.2 4.7	1.4	104 ARABIAN SEA
18	13 58 57.2%	42.889 N	2.120 E	10 G	0.8	8	PYRENEES. ML 2.2 (STR).
18	14 19 33.8	40.278 N	22.092 E	10 G	3.5	1.1	38 GREECE. MD 3.6 (ATH). ML 3.5 (THE), 3.5 (TIR).
18	14 26 19.8?	32.00 S	69.09 W	120 G	0.5	7	MENDOZA PROVINCE, ARGENTINA
18	14 29 22.1	40.281 N	22.076 E	9	3.7	1.1	38 GREECE. ML 3.7 (TIR), 3.2 (THE). MD 3.6 (ATH).
18	15 40 49.2?	31.39 S	68.18 W	93 ?	0.1	5	SAN JUAN PROVINCE, ARGENTINA
18	15 46 21.5*	37.104 N	28.580 E	10 G	0.2	6	TURKEY. ML 3.3 (ISK).
18	16 10 31.3*	5.990 S	146.005 E	33 N	4.8	1.0	12 EASTERN NEW GUINEA REG., P.N.G. ML 4.8 (PMG).
18	16 14 26.0%	62.902 N	150.903 W	106		67	CENTRAL ALASKA. <AEIC>.
18	16 18 05.4?	43.24 N	20.97 E	10 G	1.3	10	NORTHWESTERN BALKAN REGION
18	16 24 46.3?	65.11 N	5.16 E	10 G	0.9	11	NORWEGIAN SEA
18	16 35 02.2	30.035 N	98.243 E	29 D	4.8 4.2	1.2	58 XIZANG. ML 5.0 (BJI).
18	19 09 34.0%	38.292 S	176.182 E	170 G	0.9	14	NORTH ISLAND, NEW ZEALAND
18	19 49 55.5%	36.156 N	120.134 W	8		15	CENTRAL CALIFORNIA. <GM-P>. MD 2.7 (GM). ML 2.7 (PAS).
18	20 13 48.5	40.299 N	25.657 E	10 G	1.0	22	AEGEAN SEA. ML 3.8 (THE), 3.4 (ISK).
18	20 23 57.6?	43.71 N	6.49 E	10 G	0.7	7	NEAR SOUTH COAST OF FRANCE. ML 2.1 (STR).
18	20 35 13.2%	31.799 S	69.207 W	116 ?	0.4	6	SAN JUAN PROVINCE, ARGENTINA
18	20 51 15.5*	28.896 N	34.570 E	9 D	4.8	1.2	40 EGYPT. MD 4.4 (HLW).
18	20 59 04.0*	40.252 N	25.678 E	10 G	1.2	9	AEGEAN SEA. ML 3.1 (ISK).
18	21 42 13.0	9.984 N	125.428 E	33 N	4.4 3.9	0.8	11 MINDANAO, PHILIPPINE ISLANDS
a 18	21 43 09.3*	33.129 S	177.820 W	33 N	5.4 5.0	1.3	40 SOUTH OF KERMADEC ISLANDS. Mw 5.2 (HRV).
a 18	21 49 45.8	32.013 N	118.807 W	5 G	4.4	1.0	51 OFF COAST OF CALIFORNIA
18	22 16 49.4	32.432 S	69.655 W	136 ?	0.7	20	MENDOZA PROVINCE, ARGENTINA. MD 4.0 (SAN).
18	22 21 52.0?	3.19 S	134.38 E	33 N	4.7 4.2	1.4	13 IRIAN JAYA REGION, INDONESIA
18	22 32 55.0%	38.907 S	175.079 E	220 G	0.4	14	NORTH ISLAND, NEW ZEALAND
18	22 47 17.7%	40.435 N	125.353 W	5		88	OFF COAST OF NORTHERN CALIFORNIA. <BRK>. ML 3.9 (BRK). MD 3.8 (GM).
18	23 05 55.5%	59.396 N	151.913 W	55		95	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.8 (AEIC). Felt (III) at Port Graham.
18	23 54 26.0?	31.30 S	68.62 W	100 G	0.1	4	SAN JUAN PROVINCE, ARGENTINA
19	00 26 33.8%	31.690 S	69.270 W	120 G	0.6	8	SAN JUAN PROVINCE, ARGENTINA
19	00 27 46.9*	36.349 N	23.054 E	71 ?	0.1	6	SOUTHERN GREECE
19	01 22 54.4	38.322 N	28.049 E	10 G	0.7	8	TURKEY. ML 3.2 (ISK).
19	01 30 08.8?	4.43 S	154.52 E	33 N	4.7	1.6	10 SOLOMON ISLANDS
19	02 26 36.7%	26.429 S	27.353 E	5 G	0.8	5	REPUBLIC OF SOUTH AFRICA
19	02 40 29.0%	34.198 N	116.432 W	6		14	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS). Felt in the Yucca Valley area.
f 19	04 02 21.9	22.378 S	65.971 W	272 G	5.9	1.1	416 JUJUY PROVINCE, ARGENTINA. Mw 6.0 (GS), 6.0 (HRV). mb 5.4 (BRK). Depth from broadband displacement seismograms.
19	04 47 03.8%	37.526 N	118.889 W	5		93	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.7 (GM). ML 3.9 (BRK). Felt (IV) at June Lake and (III) at North Fork, California. Also felt at Mammoth Lakes, California.
19	05 59 21.6?	49.50 N	6.74 E	10 G	1.4	10	GERMANY. ML 3.0 (GRF), 2.7 (BNS), 2.5 (UCC).
19	06 00 49.6?	39.29 N	27.93 E	10 G	0.8	4	TURKEY. ML 2.8 (ISK).
19	07 41 11.3	38.874 N	29.846 E	10 G	0.4	6	TURKEY. ML 3.2 (ISK).
19	07 44 49.4?	10.91 N	62.33 W	80 G	0.3	6	NEAR COAST OF VENEZUELA. MD 3.3 (TRN).
19	07 48 59.6	40.314 N	25.694 E	10 G	0.8	20	AEGEAN SEA. ML 3.8 (THE), 3.5 (ISK).
19	07 59 34.2%	31.776 S	68.137 W	104 ?	0.4	8	SAN JUAN PROVINCE, ARGENTINA
19	08 35 33.9*	44.534 N	9.638 E	10 G	1.0	17	NORTHERN ITALY
19	08 40 49.4?	39.10 N	27.57 E	10 G	0.1	4	TURKEY. ML 2.7 (ISK).
19	09 00 24.4%	31.459 S	68.514 W	100 G	0.6	8	SAN JUAN PROVINCE, ARGENTINA
19	09 27 36.9?	39.26 N	27.70 E	10 G	0.8	4	TURKEY. ML 2.8 (ISK).
19	09 28 21.8	18.011 S	178.401 W	581 D	4.8	0.9	121 FIJI ISLANDS REGION
a 19	09 47 12.3*	5.163 S	151.901 E	44 D	5.3 5.0	1.3	51 NEW BRITAIN REGION, P.N.G. Mw 5.5 (HRV). Ms 5.0 (BRK).
19	09 55 49.0?	39.08 N	27.62 E	10 G	0.4	4	TURKEY. ML 2.6 (ISK).
19	09 59 52.3%	26.451 S	27.479 E	5 G	0.7	6	REPUBLIC OF SOUTH AFRICA. ML 2.7 (PRE).
19	10 24 35.7?	39.69 N	29.45 E	10 G	0.5	4	TURKEY. ML 2.7 (ISK).
19	10 33 18.9?	39.08 N	27.65 E	10 G	0.9	4	TURKEY. ML 2.6 (ISK).
19	10 36 31.4?	39.10 N	27.55 E	10 G	0.5	4	TURKEY. ML 2.7 (ISK).
19	11 29 57.8*	57.545 N	143.102 W	10 G	0.5	24	GULF OF ALASKA. ML 2.9 (AEIC).
19	11 34 30.8*	36.933 N	29.332 E	10 G	0.1	5	TURKEY. ML 3.1 (ISK).
19	11 37 46.2%	61.570 N	146.272 W	31		51	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
19	12 17 51.5?	40.49 N	21.90 E	10 G	1.1	5	GREECE
19	12 43 46.7?	38.06 N	27.26 E	10 G	1.2	4	TURKEY
19	13 04 35.4*	14.026 N	91.720 W	33 N	4.5	0.9	40 GUATEMALA
19	13 12 54.1%	60.258 N	151.295 W	53		54	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.6 (AEIC).

19	13	33	37.1?	19.73	N	143.20	E	33	N	5.0	0.9	32	MARIANA ISLANDS REGION
19	14	16	42.3?	15.17	N	120.39	E	33	N		0.9	4	LUZON, PHILIPPINE ISLANDS
19	14	24	20.5*	31.343	S	69.191	W	119	*		0.5	8	SAN JUAN PROVINCE, ARGENTINA
19	15	31	37.9*	38.791	N	73.242	E	33	N	4.8	1.2	25	TAJIKISTAN-XINJIANG BORDER REG. ML 4.6 (BJI).
19	16	06	29.7*	15.610	N	92.716	W	33	N		0.3	6	MEXICO-GUATEMALA BORDER REGION. MD 4.3 (GCG).
19	16	34	03.4*	28.815	S	68.594	W	120	G		0.3	8	LA RIOJA PROVINCE, ARGENTINA
19	16	45	29.5	21.453	N	143.591	E	42	*	5.0	1.1	77	MARIANA ISLANDS REGION
19	17	23	43.5*	50.228	N	18.928	E	10	G		1.2	7	POLAND. ML 3.2 (WAR).
19	18	02	44.0*	61.426	N	150.766	W	59				48	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
19	18	05	01.4*	28.052	S	26.793	E	5	G		0.3	5	REPUBLIC OF SOUTH AFRICA. ML 2.9 (PRE).
19	18	13	55.4*	38.318	N	1.380	W	10	G		0.7	18	SPAIN. mblg 3.5 (MDD).
19	19	08	21.0*	33.103	S	70.880	W	70	?		0.2	8	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
19	19	31	20.6?	32.01	N	118.80	W	10	G		0.5	9	OFF COAST OF CALIFORNIA. ML 3.5 (GS).
19	19	39	07.0*	37.018	N	142.597	E	33	N		0.8	16	OFF EAST COAST OF HONSHU, JAPAN
19	20	04	53.3*	31.494	S	68.605	W	100	G		0.8	7	SAN JUAN PROVINCE, ARGENTINA
19	21	00	53.7?	38.73	N	24.14	E	10	G		0.4	7	AEGEAN SEA
19	22	43	27.5	31.856	S	69.571	W	130	G		0.6	16	SAN JUAN PROVINCE, ARGENTINA. MD 3.8 (SAN).
19	22	50	38.5	35.140	N	25.888	E	83		4.3	1.3	87	CRETE. MD 4.2 (HLW), 3.7 (ROM).
19	22	56	50.9*	61.446	N	5.726	E	10	G		0.7	6	SOUTHERN NORWAY. MD 1.9 (BER).
19	23	18	13.0*	40.156	N	29.223	E	10	G		0.8	7	TURKEY. ML 2.8 (ISK).
19	23	18	45.8*	40.123	N	29.271	E	10	G		0.4	7	TURKEY. ML 2.9 (ISK).
19	23	36	32.7*	30.353	S	67.127	W	33	N		0.8	6	SAN JUAN PROVINCE, ARGENTINA
20	00	57	59.1	40.330	N	22.027	E	5	G		1.3	16	GREECE. ML 2.7 (THE).
20	01	00	21.1*	46.814	N	150.897	E	171	?	3.8	0.9	19	KURIL ISLANDS
20	01	12	26.2	40.316	N	22.074	E	5	G		1.2	17	GREECE. ML 2.6 (THE).
20	01	34	51.5?	10.30	N	125.30	E	33	N		0.9	4	LEYTE, PHILIPPINE ISLANDS
20	01	37	04.6*	40.503	N	125.616	W	23				24	OFF COAST OF NORTHERN CALIFORNIA. <GM-P>. MD 3.0 (GM).
20	01	49	26.6?	10.16	N	125.35	E	33	N	4.4 3.9	1.7	8	LEYTE, PHILIPPINE ISLANDS
20	02	08	20.2?	37.71	S	176.35	E	300	G		0.3	7	NORTH ISLAND, NEW ZEALAND
20	04	37	54.3*	45.229	N	6.770	E	5	G		0.8	6	FRANCE. ML 2.1 (GEN).
20	04	52	47.2*	37.143	N	28.619	E	10	G		0.2	6	TURKEY. ML 3.2 (ISK).
20	05	00	02.4?	29.79	N	109.51	W	5	G		0.5	9	SONORA, MEXICO. ML 3.5 (GS).
20	06	22	59.8*	31.206	S	68.553	W	100	G		0.2	5	SAN JUAN PROVINCE, ARGENTINA
20	06	26	10.3*	49.129	N	6.909	E	10	G		1.3	8	GERMANY. ML 2.0 (UCC).
20	06	43	15.8?	5.91	S	146.55	E	33	N	4.3	1.3	12	EASTERN NEW GUINEA REG., P.N.G. ML 4.5 (PMG).
20	06	50	29.2*	35.290	N	118.534	W	4				14	CENTRAL CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
20	06	53	29.4?	17.09	S	179.03	W	481	?	4.7	1.2	12	FIJI ISLANDS REGION
20	06	53	44.8*	40.666	N	23.498	E	5	G		0.5	5	GREECE. ML 2.0 (THE).
20	07	21	27.0?	6.72	S	128.72	E	33	N	4.4	1.7	7	BANDA SEA
20	07	23	38.6	28.776	N	82.256	E	33	N	5.0 4.3	1.2	67	NEPAL. MD 4.6 (NDI). Felt in northwestern Nepal.
20	08	41	25.1	33.310	N	138.437	E	11		4.1	0.6	17	SOUTH OF HONSHU, JAPAN
20	09	09	15.0	40.565	N	21.876	E	10	G		1.4	11	GREECE. ML 2.8 (THE).
20	09	10	39.4*	40.124	N	29.272	E	10	G		0.4	8	TURKEY. ML 2.8 (ISK).
20	09	17	55.6*	37.515	N	118.888	W	3				38	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM). ML 3.0 (BRK), 2.6 (GS).
20	09	29	10.5?	61.88	N	4.43	E	10	G		1.4	6	SOUTHERN NORWAY. MD 2.3 (BER).
20	09	36	55.2*	31.400	S	68.546	W	100	G		0.2	6	SAN JUAN PROVINCE, ARGENTINA
20	09	39	42.1*	16.386	N	120.765	E	33	N	4.1	1.4	9	LUZON, PHILIPPINE ISLANDS. Felt (IV RF) at Mabalacat; (III RF) at Angeles, Bataan, Capas, Clark and Tarlac.
20	09	41	15.9*	46.296	N	3.392	E	10	G		0.2	7	FRANCE. ML 2.1 (LDG).
20	09	50	15.9?	39.06	N	27.72	E	10	G		0.2	4	TURKEY. ML 2.7 (ISK).
20	09	57	03.7?	39.19	N	27.44	E	10	G		0.2	4	TURKEY. ML 2.6 (ISK).
20	09	59	20.4*	39.647	N	29.436	E	10	G		0.2	5	TURKEY. ML 2.7 (ISK).
20	10	11	03.8*	36.827	N	71.651	E	33	N	4.1	1.4	11	AFGHANISTAN-TAJIKISTAN BORD REG.
20	10	12	11.7*	32.232	S	71.712	W	10	G		1.0	9	NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).
20	10	28	59.2*	10.330	N	125.349	E	33	N		1.1	6	LEYTE, PHILIPPINE ISLANDS
20	10	33	52.5*	66.238	N	151.480	W	15				17	NORTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
20	11	09	45.1*	26.325	S	27.483	E	5	G		0.4	6	REPUBLIC OF SOUTH AFRICA. mblg 3.0 (BUL).
20	12	07	36.8	47.232	N	7.396	E	10	G		1.0	32	SWITZERLAND. ML 3.0 (LDG), 2.9 (STR).
20	13	39	33.5*	39.907	N	28.802	E	10	G		0.5	5	TURKEY. ML 2.8 (ISK).
20	13	47	53.5	6.235	N	126.262	E	33	N	4.6	1.1	18	MINDANAO, PHILIPPINE ISLANDS
20	13	48	39.4*	35.692	N	119.354	W	22				35	CENTRAL CALIFORNIA. <GM-P>. MD 3.0 (GM). ML 2.9 (PAS).
20	13	57	36.8?	39.68	N	29.42	E	10	G		0.1	4	TURKEY. ML 2.7 (ISK).
20	14	05	41.9*	34.406	N	3.394	W	10	G		1.6	5	MOROCCO. MG 1.7 (RTC).
20	14	35	13.5*	5.991	S	146.161	E	33	N	3.9	1.6	5	EASTERN NEW GUINEA REG., P.N.G. ML 4.3 (PMG).
20	14	48	08.7*	31.591	S	68.566	W	110	*		0.5	9	SAN JUAN PROVINCE, ARGENTINA
20	14	59	06.0?	31.02	S	69.09	W	120	G		0.6	4	SAN JUAN PROVINCE, ARGENTINA
20	15	07	20.1*	40.702	N	29.932	E	10	G		0.5	9	TURKEY. ML 3.0 (ISK).
20	15	24	52.0*	50.114	N	5.455	E	10	G		0.9	5	BELGIUM. ML 1.9 (UCC).
20	15	40	36.4?	59.09	N	5.89	E	10	G		0.2	4	SOUTHERN NORWAY. MD 1.8 (BER).
20	15	47	30.2?	42.76	N	31.48	E	10	G		1.4	5	BLACK SEA
20	15	56	03.4	41.271	N	21.941	E	5	G		0.5	9	NORTHWESTERN BALKAN REGION. ML 2.2 (THE), 1.8 (SKO).
20	16	11	57.7	49.125	N	6.914	E	10	G		1.2	14	GERMANY. ML 2.6 (STR), 2.1 (UCC).
20	16	15	59.6	28.723	N	82.280	E	37	D	5.1	0.9	104	NEPAL. MD 4.7 (NDI). At least 55 people injured and 46 houses severely damaged in northwestern Nepal. Felt in parts of Uttar Pradesh, India.
20	16	29	18.9	2.811	S	142.011	E	26	D	5.3 4.8	1.1	131	NEAR N COAST OF NEW GUINEA, PNG.
20	17	01	04.9*	37.004	N	121.935	W	5				14	CENTRAL CALIFORNIA. <GM-P>. MD 2.3 (GM). ML 2.2 (BRK). Felt at Santa Cruz.
20	17	19	19.5?	26.37	S	27.50	E	5	G		0.7	5	REPUBLIC OF SOUTH AFRICA. mblg 3.5 (BUL).
20	17	59	41.1*	44.506	N	7.364	E	10	G		0.6	11	NORTHERN ITALY. ML 2.1 (GEN).
20	18	08	21.7*	7.465	S	130.559	E	22	D	4.9	1.2	36	TANIMBAR ISLANDS REG., INDONESIA
20	18	16	18.4*	40.242	N	123.694	W	28				7	NORTHERN CALIFORNIA. <GM-P>. MD 2.9 (GM).
20	18	59	29.6*	31.174	S	68.243	W	100	G		1.0	5	SAN JUAN PROVINCE, ARGENTINA
20	19	08	54.0*	36.154	N	118.035	W	0				31	CENTRAL CALIFORNIA. <PAS-P>. ML 2.7 (PAS).
20	19	20	12.4*	63.143	N	150.769	W	130				91	CENTRAL ALASKA. <AEIC>.
20	19	35	52.9*	45.149	S	166.483	E	33	N		0.9	17	OFF W. COAST OF S. ISLAND, N.Z. ML 4.1 (WEL).
20	20	29	25.4*	61.581	N	147.409	W	20				59	SOUTHERN ALASKA. <AEIC>. ML 2.7 (AEIC), 2.7 (PMR).
20	20	54	34.4*	58.552	N	154.052	W	95				32	ALASKA PENINSULA. <AEIC>.
20	22	28	08.7?	36.59	N	29.37	E	10	G		0.3	5	TURKEY. ML 3.4 (ISK).
20	22	59	08.9*	37.657	N	4.343	W	10	G		1.3	6	SPAIN. mblg 2.6 (MDD).
20	23	07	42.7*	29.199	S	178.356	W	214	*	4.7	1.2	32	KERMADEC ISLANDS, NEW ZEALAND
21	00	07	51.8*	49.138	N	6.877	E	10	G		0.3	5	GERMANY. ML 2.0 (UCC).

21	00 35 04.3*	28.898 N	34.698 E	10 G	4.4	0.9	18	EGYPT. MD 4.2 (HLW).
21	01 04 39.9	38.867 N	29.987 E	10 G		1.0	10	TURKEY. ML 3.3 (ISK).
21	02 07 23.8?	30.49 S	69.02 W	120 G		0.2	6	CHILE-ARGENTINA BORDER REGION
21	03 03 18.5%	45.912 N	4.820 E	10 G		0.5	6	FRANCE. ML 2.3 (LDG).
21	03 58 12.0	13.439 N	146.040 E	55	4.9 4.1	1.0	52	SOUTH OF MARIANA ISLANDS
21	04 47 20.5?	7.37 S	131.09 E	33 N		1.3	5	TANIMBAR ISLANDS REG., INDONESIA
21	04 58 45.1%	36.292 N	120.414 W	10			19	CENTRAL CALIFORNIA. <GM-P>. MD 2.9 (GM). ML 2.8 (PAS).
21	05 14 41.6?	2.61 S	138.17 E	33 N	5.0	1.4	7	IRIAN JAYA, INDONESIA
21	05 18 30.4?	10.60 N	62.08 W	10 G		1.2	7	NEAR COAST OF VENEZUELA. MD 3.3 (TRN).
21	05 27 23.3*	20.041 S	133.681 E	10 G		0.6	6	NORTHERN TERRITORY, AUSTRALIA
21	05 54 39.9%	65.854 N	151.076 W	12			14	NORTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
21	06 02 35.1	39.568 N	20.435 E	10 G		1.4	10	GREECE-ALBANIA BORDER REGION. MD 3.3 (ATH).
21	06 05 03.2%	60.437 N	5.161 E	10 G		0.5	5	SOUTHERN NORWAY. MD 1.3 (BER).
21	06 20 18.4?	50.24 N	18.99 E	10 G		0.3	4	POLAND. ML 2.7 (WAR).
21	07 20 58.1%	36.293 N	89.485 W	15			8	NEW MADRID, MISSOURI REGION. <TEIC>. MD 2.4 (TEIC).
a 21	07 36 55.8*	56.497 S	138.909 W	10 G	5.4 5.4	0.9	41	PACIFIC-ANTARCTIC RIDGE. Mw 5.6 (HRV).
21	09 03 47.6%	37.280 N	28.566 E	10 G		0.4	5	TURKEY. ML 3.2 (ISK).
21	09 06 06.4%	39.247 N	27.853 E	10 G		0.7	5	TURKEY. ML 2.7 (ISK).
21	09 17 30.9	10.636 N	86.997 W	28 D	4.8	1.2	92	OFF COAST OF COSTA RICA. MD 4.6 (UPA).
21	09 53 34.1%	39.171 N	27.569 E	10 G		0.6	5	TURKEY. ML 2.7 (ISK).
21	09 56 08.0%	39.314 N	27.727 E	10 G		0.7	6	TURKEY. ML 2.8 (ISK).
21	10 04 04.6?	39.45 N	29.73 E	5 G		1.0	5	TURKEY. ML 2.7 (ISK).
21	10 08 12.9%	39.659 N	29.476 E	10 G		0.6	5	TURKEY. ML 2.6 (ISK).
21	10 23 56.2%	39.107 N	27.518 E	10 G		0.6	5	TURKEY. ML 2.7 (ISK).
21	10 25 19.4%	37.374 N	3.790 W	39 ?		0.6	7	SPAIN. mbLg 2.9 (MDD).
21	10 51 41.9?	39.67 N	29.39 E	10 G		0.4	4	TURKEY. ML 2.6 (ISK).
21	11 00 11.0?	39.71 N	29.45 E	10 G		0.6	5	TURKEY. ML 2.9 (ISK).
21	11 28 04.5?	45.93 N	14.29 E	10 G		0.2	4	NORTHWESTERN BALKAN REGION. MD 1.8 (LJU).
21	11 48 38.3%	39.147 N	27.591 E	10 G		0.2	5	TURKEY. ML 2.7 (ISK).
21	11 52 09.9	40.378 N	26.024 E	10 G		1.2	21	TURKEY. ML 3.5 (ISK), 3.4 (THE).
21	12 15 45.7%	39.762 N	29.313 E	10 G		0.8	5	TURKEY. ML 2.5 (ISK).
21	12 16 08.2?	41.35 N	24.26 E	5 G		0.6	4	GREECE-BULGARIA BORDER REGION. ML 2.3 (THE).
21	12 22 07.6?	39.65 N	29.46 E	10 G		0.4	4	TURKEY. ML 2.6 (ISK).
21	12 45 51.7	29.497 S	176.493 W	33 N	4.8 4.6	1.0	12	KERMADEC ISLANDS REGION
21	13 15 15.2*	42.489 N	23.971 E	10 G		0.6	6	BULGARIA. ML 2.9 (THE).
21	13 30 21.8%	36.818 N	3.659 W	5 G		0.3	5	STRAIT OF GIBRALTAR
21	13 35 51.0*	6.521 S	131.233 E	85 ?	5.2	1.4	10	TANIMBAR ISLANDS REG., INDONESIA
21	13 52 17.7	49.309 N	9.727 E	10 G		1.4	13	GERMANY. ML 3.0 (LDG), 2.8 (STR), 2.7 (VIE).
21	13 53 24.6*	11.729 N	92.453 E	33 N	4.5	1.0	11	ANDAMAN ISLANDS, INDIA
21	14 13 56.2?	58.12 N	6.31 E	5 G		0.6	6	SOUTHERN NORWAY. MD 2.4 (BER).
21	14 24 23.2%	39.132 N	27.583 E	10 G		0.6	5	TURKEY. ML 2.7 (ISK).
21	14 37 11.5%	36.156 N	118.033 W	0			66	CENTRAL CALIFORNIA. <PAS-P>. ML 3.8 (PAS), 4.0 (GS), 4.1 (BRK). MD 3.9 (GM).
21	14 45 05.2%	36.162 N	118.032 W	0			24	CENTRAL CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
21	15 08 33.7*	4.731 S	135.215 E	10 G	4.4	0.5	5	IRIAN JAYA REGION, INDONESIA
21	15 30 17.3	44.394 N	6.901 E	14		0.3	24	FRANCE. ML 2.9 (GEN), 2.5 (LDG).
21	16 22 30.8%	34.415 N	118.570 W	4			34	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS). Felt in the San Fernando Valley.
21	16 25 20.9	38.461 S	175.821 E	205 *		0.4	22	NORTH ISLAND, NEW ZEALAND
21	16 45 02.0?	44.34 N	6.60 E	10 G		0.4	4	FRANCE. ML 1.3 (GEN).
21	16 45 58.6?	37.54 N	20.52 E	10 G	3.8	1.0	15	IONIAN SEA. ML 3.5 (ATH).
21	17 46 22.3%	44.436 N	7.259 E	5 G		0.4	9	NORTHERN ITALY. ML 2.1 (GEN).
21	17 52 43.9*	13.991 N	93.039 W	50 G	4.4	0.8	8	OFF COAST OF CHIAPAS, MEXICO. MD 4.6 (GCG).
21	18 07 33.6*	0.006 N	126.012 E	33 N	4.8	1.0	18	NORTHERN MOLUCCA SEA
21	18 58 09.8?	48.58 N	2.15 W	10 G		0.3	4	FRANCE. ML 2.1 (LDG).
21	19 13 37.9%	67.599 N	161.824 W	10 G	4.1		60	NORTHERN ALASKA. <AEIC>. ML 4.1 (AEIC), 4.1 (PMR).
21	19 14 35.9%	67.580 N	161.632 W	10 G	4.1		25	NORTHERN ALASKA. <AEIC>. ML 4.2 (AEIC).
21	19 46 29.4%	40.385 N	29.792 E	21 *		1.0	6	TURKEY
21	19 49 19.1?	67.28 N	160.93 W	10 G		0.3	5	NORTHERN ALASKA. ML 2.7 (PMR).
21	19 50 08.5%	67.585 N	161.686 W	10 G	4.0		64	NORTHERN ALASKA. <AEIC>. ML 4.0 (AEIC), 4.3 (PMR).
21	20 08 21.9?	66.97 N	160.38 W	10 G		0.5	5	NORTHERN ALASKA. ML 2.6 (PMR).
21	20 38 34.1?	50.99 N	20.13 E	10 G		1.4	4	POLAND. ML 2.7 (WAR).
21	21 38 12.7?	67.00 N	160.39 W	10 G		0.5	5	NORTHERN ALASKA. ML 2.5 (PMR).
21	21 39 53.1*	43.906 N	6.713 E	10 G		1.4	5	NEAR SOUTH COAST OF FRANCE. ML 1.5 (LDG).
a 21	21 52 20.3	30.154 N	51.235 E	15 D	5.2	0.9	241	NORTHERN IRAN. Mw 5.0 (HRV). Felt in the Mamasani-Nurabad area.
21	22 07 16.3	38.979 N	111.861 W	5 G		0.6	13	UTAH. ML 3.3 (GS). MD 3.5 (SLC). Felt (IV) at Salina and (III) at Redmond.
21	22 20 37.0*	9.436 S	120.347 E	33 N	4.3	0.6	6	SUMBA REGION, INDONESIA
21	22 29 59.6	47.273 N	7.439 E	11		1.1	31	SWITZERLAND. ML 3.1 (LDG), 2.8 (STR), 2.6 (VIE).
21	22 59 18.7*	7.988 S	128.260 E	67 ?	4.2	0.9	8	BANDA SEA
22	00 14 53.9*	51.196 N	15.921 E	10 G		0.5	6	POLAND. ML 3.1 (VIE).
22	00 17 48.7*	6.123 S	146.342 E	10 G	4.0	0.2	5	EASTERN NEW GUINEA REG., P.N.G. ML 4.3 (PMG).
22	00 22 09.7%	58.889 N	154.448 W	110			36	ALASKA PENINSULA. <AEIC>.
22	00 31 28.1?	28.14 S	67.27 W	130 G		0.3	5	LA RIOJA PROVINCE, ARGENTINA
22	00 58 11.3	40.312 N	22.034 E	5 G		0.5	15	GREECE. ML 2.9 (THE).
22	01 14 28.8?	17.44 N	73.96 E	33 N	4.4	1.4	8	SOUTHERN INDIA. Felt in the Koyna region.
22	01 51 51.5*	37.754 S	176.136 E	240 ?		0.5	18	NORTH ISLAND, NEW ZEALAND
22	04 33 15.4*	31.555 S	71.864 W	33 N		0.5	11	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
22	04 39 10.4%	34.034 N	116.828 W	4			10	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
22	05 34 01.0?	32.18 S	67.38 W	110 G		0.1	4	MENDOZA PROVINCE, ARGENTINA
a 22	05 38 54.7	52.729 S	27.089 E	10 G	5.2 4.9	1.0	86	SOUTH OF AFRICA. Mw 5.3 (HRV).
22	05 44 14.0*	32.111 S	68.709 W	143 ?		0.5	10	MENDOZA PROVINCE, ARGENTINA
22	05 50 46.8?	19.58 N	103.03 W	33 N		0.2	4	JALISCO, MEXICO
22	06 26 30.1	12.505 N	126.350 E	10 G	4.5	0.9	19	PHILIPPINE ISLANDS REGION
22	06 27 08.0%	44.259 N	8.226 E	5 G		0.7	7	NORTHERN ITALY. ML 1.9 (GEN).
22	06 28 11.2	44.263 N	8.221 E	5 G		0.5	13	NORTHERN ITALY. ML 2.7 (LDG), 2.5 (GEN).
22	06 28 31.8?	44.28 N	8.21 E	5 G		0.2	4	NORTHERN ITALY. ML 1.4 (GEN).
22	06 35 59.7	44.232 N	8.233 E	10 G		0.7	15	NORTHERN ITALY. ML 2.6 (LDG), 2.4 (GEN).
22	06 37 12.2*	18.091 S	175.832 W	33 N	4.8	0.6	7	TONGA ISLANDS
22	07 04 42.3*	26.360 S	27.364 E	5 G		1.1	7	REPUBLIC OF SOUTH AFRICA. ML 3.3 (PRE). mbLg 3.1 (BUL).
22	07 05 49.6	5.946 S	146.059 E	16	4.3	0.5	14	EASTERN NEW GUINEA REG., P.N.G. ML 4.4 (PMG).
22	07 19 46.8%	42.829 N	1.028 W	10 G		0.2	8	PYRENEES

22	07 53 55.7?	32.37 S	71.77 W	10 G	0.2	6	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
a 22	08 19 27.0	10.483 S	161.359 E	67 D	5.0	1.0	58 SOLOMON ISLANDS. Mw 5.4 (HRV).
22	08 20 46.7%	40.033 N	23.217 E	5 G	0.2	6	GREECE. ML 2.0 (THE).
22	08 37 46.6%	61.876 N	151.013 W	60		55	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
22	08 41 08.0%	39.110 N	27.571 E	10 G	0.8	5	TURKEY. ML 2.8 (ISK).
a 22	08 42 16.5	54.835 S	26.557 W	33 N	5.5 5.5	1.0	127 SOUTH SANDWICH ISLANDS REGION. Mw 5.7 (HRV).
22	09 07 04.8?	67.56 N	161.81 W	10 G	1.2	5	NORTHERN ALASKA. ML 2.9 (PMR).
22	09 46 10.8%	40.469 N	23.160 E	10 G	0.5	5	GREECE. ML 1.4 (THE).
22	09 50 51.2%	14.251 N	93.012 W	33 N	0.6	6	NEAR COAST OF CHIAPAS, MEXICO
22	10 01 41.4%	39.615 N	29.472 E	10 G	0.7	8	TURKEY. ML 2.8 (ISK).
22	10 06 19.8	52.529 N	158.288 E	106 ?	4.8	1.0	59 NEAR EAST COAST OF KAMCHATKA
22	10 15 00.4?	39.11 N	27.70 E	33 N	0.2	4	TURKEY. ML 2.6 (ISK).
22	10 23 24.3%	39.875 N	29.203 E	10 G	0.7	6	TURKEY. ML 2.6 (ISK).
22	11 09 17.5%	40.633 N	30.161 E	10 G	0.6	5	TURKEY. ML 2.7 (ISK).
22	11 19 22.7	26.381 S	27.404 E	5 G	1.1	8	REPUBLIC OF SOUTH AFRICA. mbLg 3.6 (BUL). ML 3.5 (PRE).
22	11 39 21.2?	41.94 N	26.56 E	10 G	0.2	4	GREECE-BULGARIA BORDER REGION. ML 3.1 (ISK).
22	11 51 53.8?	33.41 S	73.06 W	33 N	0.6	9	OFF COAST OF CENTRAL CHILE. MD 4.0 (SAN).
22	12 12 47.2%	40.998 N	24.338 E	5 G	0.7	5	AEGEAN SEA. ML 2.1 (THE).
22	12 14 56.5%	39.271 N	27.783 E	10 G	0.5	6	TURKEY. ML 2.6 (ISK).
22	12 41 09.4%	39.139 N	27.582 E	10 G	0.4	6	TURKEY. ML 2.8 (ISK).
22	12 59 45.2%	44.432 N	7.256 E	5 G	0.2	9	NORTHERN ITALY. ML 2.2 (GEN).
22	13 10 15.5	48.991 N	128.772 W	10 G	4.6 4.3	1.1	82 VANCOUVER ISLAND REGION
22	13 14 56.8*	26.833 S	72.285 W	33 N	1.1	9	OFF COAST OF NORTHERN CHILE
22	13 21 13.4*	6.737 S	91.884 E	10 G	4.6	1.2	19 SOUTH INDIAN OCEAN
22	13 30 44.1%	40.815 N	29.646 E	10 G	1.4	5	TURKEY. ML 2.8 (ISK).
22	13 36 00.1%	41.058 N	28.705 E	10 G	0.8	8	TURKEY. ML 2.8 (ISK).
22	14 02 16.1	42.295 N	122.024 W	5 G	0.7	15	OREGON. ML 3.2 (GS). Felt in the Klamath Falls area.
22	14 12 22.0%	39.688 N	29.427 E	10 G	0.9	5	TURKEY. ML 2.7 (ISK).
22	14 22 49.8?	44.38 N	7.32 E	10 G	0.1	4	NORTHERN ITALY. ML 1.8 (GEN).
22	14 44 22.4%	41.678 N	27.409 E	10 G	0.8	6	TURKEY. ML 3.0 (ISK).
22	14 53 24.1%	39.532 N	28.996 E	10 G	1.1	5	TURKEY. ML 2.8 (ISK).
22	14 59 57.3*	5.936 S	146.053 E	10 G	3.7	0.8	5 EASTERN NEW GUINEA REG., P.N.G.
22	15 15 07.7%	63.960 N	149.494 W	143	4.0	100	CENTRAL ALASKA. <AEIC>.
22	15 18 42.9%	61.844 N	149.719 W	13		62	SOUTHERN ALASKA. <AEIC>. ML 2.8 (AEIC).
22	15 30 30.9	0.157 S	123.047 E	156 D	5.0	1.2	57 MINAHASSA PENINSULA, SULAWESI
22	15 43 41.5*	5.931 S	146.060 E	10 G	3.6	0.7	5 EASTERN NEW GUINEA REG., P.N.G.
22	15 51 42.7	42.264 N	122.126 W	5 G		0.8	18 OREGON. ML 3.5 (GS).
22	15 54 54.0*	16.578 N	121.830 E	23 *	4.4	1.3	12 LUZON, PHILIPPINE ISLANDS
22	16 18 16.4?	23.34 S	179.51 E	681 ?	4.5	0.9	30 SOUTH OF FIJI ISLANDS
22	16 19 53.3*	56.273 S	24.370 W	33 N	4.8	1.0	18 SOUTH SANDWICH ISLANDS REGION
22	16 29 02.8%	26.469 S	27.426 E	5 G		1.2	6 REPUBLIC OF SOUTH AFRICA. ML 2.7 (PRE).
22	16 30 53.4%	36.054 N	117.968 W	0		31	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 3.7 (PAS), 3.9 (BRK), 3.6 (GS). MD 3.6 (GM).
22	17 00 05.7	38.566 N	23.543 E	10 G	0.3	8	GREECE. ML 3.2 (ATH).
22	17 06 39.2%	36.052 N	117.964 W	0		41	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 3.1 (PAS).
22	17 33 09.5%	36.055 N	117.968 W	0		40	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 3.0 (PAS).
22	17 58 52.7?	31.58 S	68.91 W	104 ?		0.4	6 SAN JUAN PROVINCE, ARGENTINA
22	18 18 35.4	51.498 N	16.162 E	10 G	0.7	13	POLAND. ML 3.7 (GRF), 3.5 (VIE).
22	18 26 10.8?	54.05 S	120.79 W	10 G	4.6	1.4	13 SOUTHERN EAST PACIFIC RISE
22	18 29 33.9%	40.000 N	23.204 E	10 G		0.3	6 GREECE. ML 2.1 (THE).
22	18 33 18.1	45.197 S	166.749 E	33 N	3.9	1.1	25 OFF W. COAST OF S. ISLAND, N.Z.
22	18 55 42.7%	36.810 N	2.534 W	10 G		0.8	5 STRAIT OF GIBRALTAR. mbLg 2.5 (MDD).
22	19 16 02.7	16.782 N	121.677 E	25	4.7	1.0	40 LUZON, PHILIPPINE ISLANDS
22	20 56 59.7%	18.206 N	67.111 W	10 G		0.4	5 MONA PASSAGE
22	20 59 38.8	40.105 N	24.905 E	22		0.1	8 AEGEAN SEA. ML 2.7 (THE).
22	21 21 36.8?	18.25 N	67.87 W	138 ?		0.4	9 MONA PASSAGE
22	21 32 47.1	29.432 S	67.791 W	157 ?		0.7	14 LA RIOJA PROVINCE, ARGENTINA
22	22 45 53.0	37.797 N	2.014 W	10 G		1.1	8 SPAIN. mbLg 3.1 (MDD).
22	23 15 44.4	47.682 N	7.711 E	10 G		0.6	14 SWITZERLAND. ML 3.0 (LDG), 2.4 (STR).
22	23 29 46.9?	31.17 S	68.29 W	101 ?		0.1	5 SAN JUAN PROVINCE, ARGENTINA
22	23 38 03.6%	60.472 N	149.581 W	14		13	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.5 (AEIC).
23	01 44 39.3?	18.75 N	64.77 W	10 G	0.5	8	VIRGIN ISLANDS
23	02 32 37.4	40.750 N	23.150 E	5 G		0.4	10 GREECE. ML 2.3 (THE).
23	02 52 13.0?	10.83 N	62.02 W	70 G	0.5	4	NEAR COAST OF VENEZUELA. MD 2.5 (TRN).
23	03 58 38.2	21.540 N	104.872 E	33 N	4.1	1.3	9 SOUTHEAST ASIA. ML 4.2 (BJI).
23	04 26 42.1	45.046 N	7.361 E	10 G		0.9	31 NORTHERN ITALY. ML 3.3 (GEN).
23	04 28 14.4%	40.011 N	23.204 E	5 G		0.4	9 GREECE. ML 2.2 (THE).
23	04 44 42.1%	34.970 N	116.963 W	0		15	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS).
23	05 21 42.1	44.881 N	9.583 E	33 N		0.7	21 NORTHERN ITALY. ML 2.9 (LDG).
23	05 46 30.9*	14.151 N	92.740 W	36 ?		1.1	7 NEAR COAST OF CHIAPAS, MEXICO. MD 4.2 (GCG).
23	05 57 41.8%	40.441 N	29.262 E	10 G		1.0	6 TURKEY. ML 2.7 (ISK).
23	06 25 45.2%	40.017 N	23.216 E	5 G		0.4	7 GREECE. ML 2.2 (THE).
23	06 40 15.0%	39.509 N	26.862 E	10 G		0.3	7 TURKEY. ML 3.1 (ISK).
23	06 57 21.2*	31.664 S	68.145 W	10 G		0.8	5 SAN JUAN PROVINCE, ARGENTINA
23	06 59 33.8%	39.104 N	119.582 W	7		7	NEVADA. <GM-P>. MD 3.0 (GM).
23	07 19 33.9%	40.332 N	29.393 E	10 G		0.6	6 TURKEY. ML 2.7 (ISK).
a 23	07 22 31.3	1.873 N	122.435 E	53 D	5.1	1.0	81 MINAHASSA PENINSULA, SULAWESI. Mw 5.3 (HRV).
23	07 47 30.6?	31.44 S	69.50 W	127 ?		1.3	9 SAN JUAN PROVINCE, ARGENTINA
23	07 58 37.7%	40.338 N	29.410 E	13		0.8	13 TURKEY. ML 3.1 (ISK).
23	08 08 49.6%	39.165 N	27.621 E	10 G		0.2	5 TURKEY. ML 2.8 (ISK).
23	08 18 15.9	45.439 N	6.792 E	5 G		1.3	11 FRANCE. ML 2.3 (LDG), 2.3 (GEN).
23	08 35 44.1?	31.21 S	68.21 W	93 ?		0.5	5 SAN JUAN PROVINCE, ARGENTINA
23	09 03 54.9	39.139 N	27.586 E	10 G		0.4	6 TURKEY. ML 2.8 (ISK).
23	09 13 43.0?	39.03 N	27.56 E	33 N		0.2	4 TURKEY. ML 2.7 (ISK).
23	09 46 56.5%	58.080 N	152.190 W	28		62	KODIAK ISLAND REGION. <AEIC>. ML 3.0 (AEIC).
23	09 47 09.7%	39.341 N	27.718 E	10 G		0.7	5 TURKEY. ML 2.7 (ISK).
23	10 14 43.7%	39.105 N	27.562 E	10 G		0.1	5 TURKEY. ML 2.7 (ISK).
23	10 44 42.2%	39.271 N	27.721 E	10 G		0.5	5 TURKEY. ML 2.7 (ISK).
23	10 58 18.9*	41.590 N	19.327 E	10 G		1.2	7 ALBANIA. ML 2.1 (TIR).
23	11 12 40.4%	39.985 N	23.204 E	5 G		0.5	7 AEGEAN SEA. ML 1.8 (THE).
23	11 16 18.1%	40.030 N	23.217 E	5 G		0.2	8 GREECE. ML 1.8 (THE).
23	11 54 48.5	40.019 N	23.210 E	5 G		0.3	10 GREECE. ML 2.1 (THE).
23	12 14 07.0?	39.64 N	29.45 E	10 G		0.6	4 TURKEY. ML 2.8 (ISK).

23	12 24 51.0*	26.101 S	27.121 E	5 G	1.4	8	REPUBLIC OF SOUTH AFRICA. mblg 3.4 (BUL). ML 3.3 (PRE).
23	12 26 46.0	41.449 S	172.275 E	21	1.1	22	SOUTH ISLAND, NEW ZEALAND. ML 4.1 (WEL).
23	12 39 42.8*	13.915 N	92.931 W	33 N	1.3	5	OFF COAST OF CHIAPAS, MEXICO
23	12 50 10.7*	39.125 N	27.514 E	10 G	0.8	5	TURKEY. ML 2.7 (ISK).
23	13 26 42.1	29.773 N	51.103 E	33 N	4.3	1.2	16 SOUTHERN IRAN
23	14 20 19.6?	40.76 N	30.00 E	10 G	0.3	4	TURKEY. ML 2.8 (ISK).
23	14 27 54.0*	41.699 N	7.691 E	10 G	0.9	22	WESTERN MEDITERRANEAN SEA. ML 3.3 (LDG).
23	14 53 22.2?	28.46 S	68.25 W	155 ?	0.2	8	LA RIOJA PROVINCE, ARGENTINA
23	16 02 50.8*	39.657 N	29.470 E	10 G	0.9	6	TURKEY. ML 2.7 (ISK).
23	16 08 13.8*	61.488 N	146.774 W	24	64	SOUTHERN ALASKA. <AEIC>. ML 2.7 (AEIC).	
23	16 23 22.7?	5.90 S	146.07 E	10 G	2.8	1.0	4 EASTERN NEW GUINEA REG., P.N.G.
23	16 24 07.5?	30.85 S	68.75 W	100 G	0.4	4	SAN JUAN PROVINCE, ARGENTINA
23	16 55 38.2?	31.22 S	68.70 W	100 G	0.3	5	SAN JUAN PROVINCE, ARGENTINA
23	17 03 14.1	51.542 N	16.151 E	10 G	0.5	12	POLAND. ML 3.4 (GRF), 3.1 (VIE).
23	17 24 24.0?	45.24 S	166.00 E	68 ?	1.0	10	OFF W. COAST OF S. ISLAND, N.Z.
23	17 42 49.9	58.182 N	142.684 W	10 G	0.6	37	GULF OF ALASKA. ML 2.9 (AEIC).
23	18 11 03.8*	20.237 S	177.771 W	509 *	4.6	1.1	55 FIJI ISLANDS REGION
a 23	18 45 54.1	40.404 N	126.359 W	10 G	5.1 5.0	1.3	217 OFF COAST OF NORTHERN CALIFORNIA. Mw 5.4 (HRV). ML 5.2 (BRK). MD 4.9 (GM).
23	18 54 08.0?	32.05 S	71.69 W	16	0.7	8	NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
23	19 03 09.5*	36.054 N	117.968 W	0	51	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 3.2 (PAS), 3.2 (GS).	
23	21 59 52.7*	39.884 N	23.841 E	5 G	0.4	7	AEGEAN SEA. ML 2.4 (THE).
23	22 03 29.3?	39.91 N	23.82 E	5 G	0.4	5	AEGEAN SEA
23	23 04 56.3?	4.80 S	152.56 E	56 ?	4.4	1.5	6 NEW BRITAIN REGION, P.N.G.
23	23 36 56.5?	47.74 N	6.94 E	10 G	0.1	4	FRANCE. ML 2.0 (LDG).
23	23 42 40.1*	29.064 N	34.967 E	10 G	0.6	7	EGYPT
24	00 50 27.4?	28.81 N	34.70 E	10 G	0.7	6	EGYPT
24	01 41 26.4	6.794 S	146.648 E	33 N	3.7	0.7	6 EASTERN NEW GUINEA REG., P.N.G. ML 4.0 (PMG).
24	01 41 43.2*	31.164 N	8.986 W	10 G	0.6	6	MOROCCO. MG 2.9 (RTC).
24	01 44 22.0*	53.568 N	159.915 E	33 N	4.5	1.0	26 NEAR EAST COAST OF KAMCHATKA
24	02 17 13.1?	28.92 N	34.85 E	10 G	0.4	5	EGYPT
24	02 19 27.1	45.885 S	168.599 E	65 ?	0.4	14	SOUTH ISLAND, NEW ZEALAND
24	02 50 26.6*	61.701 N	147.414 W	32	69	SOUTHERN ALASKA. <AEIC>. ML 2.8 (AEIC), 2.9 (PMR).	
24	03 05 06.9*	3.957 S	152.384 E	180	4.7	0.6	13 NEW IRELAND REGION, P.N.G.
24	03 19 42.9	4.359 S	129.086 E	190	5.1	0.9	113 BANDA SEA
24	03 40 58.3	34.551 S	69.579 W	175	0.5	15	CHILE-ARGENTINA BORDER REGION. MD 4.0 (SAN).
24	04 13 24.7*	36.500 N	121.071 W	3	10	CENTRAL CALIFORNIA. <GM-P>. MD 2.5 (GM).	
24	05 46 09.1?	35.16 N	4.89 W	33 N	0.3	5	STRAIT OF GIBRALTAR. MD 2.8 (RBA).
24	05 47 50.4?	31.49 S	67.97 W	13 ?	1.0	5	SAN JUAN PROVINCE, ARGENTINA
24	05 48.16.5	21.203 S	68.894 W	102 D	4.8	1.1	61 CHILE-BOLIVIA BORDER REGION
a 24	05 53 29.6	11.327 N	125.396 E	49 D	5.8 5.2	1.0	236 SAMAR, PHILIPPINE ISLANDS. Mw 5.6 (HRV). Felt (III RF) at Palo, Leyte.
24	06 58 28.9*	39.985 N	23.207 E	10 G	0.5	9	AEGEAN SEA. ML 2.1 (THE).
24	07 08 15.1?	26.85 S	26.63 E	5 G	0.4	4	REPUBLIC OF SOUTH AFRICA. ML 3.0 (PRE).
24	07 15 14.6	57.517 N	143.062 W	10 G	0.6	45	GULF OF ALASKA. ML 3.0 (AEIC).
24	07 26 48.8?	5.98 S	146.19 E	10 G	1.2	4	EASTERN NEW GUINEA REG., P.N.G.
24	07 35 01.5	6.069 S	146.066 E	10 G	4.9	0.9	27 EASTERN NEW GUINEA REG., P.N.G.
f 24	07 52 15.6	16.755 N	98.717 W	21 G	6.3 6.7	1.0	506 NEAR COAST OF GUERRERO, MEXICO. Mw 6.7 (GS), 6.6 (HRV). Ms 6.5 (BRK). Mo=1.4*10**19 Nm (PPT). Felt (VII) at Mexico City and (V) at Puebla. Depth from broadband displacement seismograms.
24	08 24 20.1*	39.202 N	27.579 E	10 G	0.6	5	TURKEY. ML 2.7 (ISK).
24	08 25 35.1	6.071 S	146.015 E	10 G	4.8	0.3	17 EASTERN NEW GUINEA REG., P.N.G. ML 4.8 (PMG).
24	08 40 59.4*	40.417 N	21.805 E	10 G	0.7	5	GREECE. ML 2.0 (THE).
24	08 43 49.5*	39.091 N	27.644 E	10 G	0.2	6	TURKEY. ML 2.6 (ISK).
24	09 16 43.3*	26.856 S	26.630 E	5 G	1.2	7	REPUBLIC OF SOUTH AFRICA. ML 3.4 (PRE).
24	09 21 10.2*	41.237 N	22.733 E	5 G	0.7	7	NORTHWESTERN BALKAN REGION. ML 1.8 (THE).
24	10 11 25.3	38.495 S	175.760 E	196 *	0.4	26	NORTH ISLAND, NEW ZEALAND
24	10 26 33.9*	16.863 N	99.119 W	10 G	1.1	7	NEAR COAST OF GUERRERO, MEXICO
24	10 39 32.5	41.020 N	22.187 E	5 G	0.6	12	NORTHWESTERN BALKAN REGION. ML 1.9 (THE), 1.9 (SKO).
24	10 41 37.0?	0.38 N	16.11 W	10 G	4.3	0.9	8 NORTH OF ASCENSION ISLAND
24	10 45 02.8?	18.22 N	67.23 W	33 N	1.4	7	MONA PASSAGE
24	10 52 19.0*	46.166 N	2.718 E	10 G	0.6	6	FRANCE. ML 1.7 (LDG).
24	11 05 01.2*	60.103 N	151.611 W	74	51	KENAI PENINSULA, ALASKA. <AEIC>.	
24	11 10 34.7*	41.144 N	23.399 E	5 G	0.4	8	GREECE-BULGARIA BORDER REGION. ML 2.1 (THE).
24	11 12 24.8	41.309 S	172.509 E	222 *	0.4	22	SOUTH ISLAND, NEW ZEALAND
24	12 28 31.6	38.516 S	175.673 E	211 *	0.5	31	NORTH ISLAND, NEW ZEALAND
24	12 32 21.9?	16.39 N	99.13 W	10 G	1.5	7	NEAR COAST OF GUERRERO, MEXICO
24	12 41 43.1?	24.95 S	179.80 W	535 ?	4.8	0.9	19 SOUTH OF FIJI ISLANDS
24	12 47 08.3*	38.795 N	122.804 W	4	42	NORTHERN CALIFORNIA. <GM-P>. MD 3.1 (GM). ML 3.0 (BRK), 3.0 (GS).	
24	13 20 23.1?	31.37 S	67.81 W	70 G	0.2	4	SAN JUAN PROVINCE, ARGENTINA
24	13 27 56.4*	16.403 N	99.215 W	33 N	0.8	6	NEAR COAST OF GUERRERO, MEXICO
24	13 42 14.1?	16.31 N	99.17 W	33 N	1.4	6	NEAR COAST OF GUERRERO, MEXICO
24	13 59 35.0*	23.206 S	66.575 W	225 *	0.8	7	JUJUY PROVINCE, ARGENTINA
24	14 12 35.3*	39.634 N	29.409 E	10 G	0.7	5	TURKEY. ML 2.8 (ISK).
24	14 17 59.8	41.232 N	28.963 E	5 G	0.9	9	TURKEY. ML 3.0 (ISK).
24	14 28 22.5*	14.057 S	167.491 E	33 N	4.7	1.3	9 VANUATU ISLANDS
24	14 39 11.2	58.364 N	150.993 W	10 G	0.8	44	GULF OF ALASKA. ML 2.5 (AEIC).
24	14 54 34.3?	39.70 N	29.46 E	10 G	0.4	4	TURKEY. ML 2.6 (ISK).
24	15 14 35.3	13.576 S	167.989 E	33 N	4.7 4.7	1.1	20 VANUATU ISLANDS
a 24	15 36 08.6	55.621 S	128.041 W	10 G	5.3 5.5	1.3	79 PACIFIC-ANTARCTIC RIDGE. Mw 5.8 (HRV).
24	15 59 30.3	8.189 S	149.317 E	33 N	4.7 4.8	1.1	34 EASTERN NEW GUINEA REG., P.N.G. ML 4.9 (PMG).
24	16 05 42.0*	26.785 S	26.564 E	5 G	1.0	6	REPUBLIC OF SOUTH AFRICA. ML 3.6 (PRE).
24	16 21 08.4	35.168 N	26.640 E	42 *	4.3	1.3	56 CRETE. MD 4.2 (ATH).
24	16 48 37.4*	32.320 N	115.065 W	6 G	6	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 2.8 (PAS).	
24	16 55 47.3	41.389 S	172.206 E	33 N	1.0	22	SOUTH ISLAND, NEW ZEALAND. ML 4.3 (WEL).
24	17 49 56.2*	19.677 N	70.381 W	33 N	4.0	1.1	13 DOMINICAN REPUBLIC REGION
24	18 03 50.2	23.236 N	121.686 E	38 *	4.5	1.1	59 TAIWAN. ML 4.2 (BJI).
24	18 16 32.0	41.955 S	173.728 E	77 *	3.7	1.1	35 SOUTH ISLAND, NEW ZEALAND
24	18 25 45.3*	60.088 N	151.776 W	47	50	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.6 (AEIC).	

24	18	37	57.3	37.700	N	14.754	E	10	G	0.3	8	SICILY. ML 2.4 (ROM).
24	19	14	52.2	40.723	N	22.739	E	5	G	0.4	10	GREECE. ML 2.1 (SKO), 2.0 (THE).
24	19	52	22.4?	18.55	N	67.08	W	120	G	0.3	5	MONA PASSAGE
24	20	12	37.0	39.512	N	27.926	E	5	G	0.7	14	TURKEY. ML 3.2 (ISK).
24	20	19	48.5?	6.14	S	146.45	E	10	G	0.2	4	EASTERN NEW GUINEA REG., P.N.G.
24	20	31	56.6	3.502	S	126.428	E	33	N	5.0	1.1	47 BURU, INDONESIA
24	21	35	32.7	40.014	S	176.723	E	95	*	1.1	37	NORTH ISLAND, NEW ZEALAND
24	21	43	37.6?	31.35	S	68.92	W	100	G	0.7	4	SAN JUAN PROVINCE, ARGENTINA
24	21	53	01.4%	28.999	S	67.238	W	165	?	0.4	8	LA RIOJA PROVINCE, ARGENTINA
24	22	06	35.9%	44.216	N	6.266	E	10	G	0.5	6	FRANCE. ML 2.1 (LDG).
24	22	49	35.6	5.736	S	146.070	E	10	G	4.7	0.9	27 EASTERN NEW GUINEA REG., P.N.G. ML 4.6 (PMG).
25	00	16	04.1	40.686	N	1.576	W	10	G	1.3	30	SPAIN. mbLg 3.2 (MDD). ML 3.1 (LDG). Felt (III) in the Orihuea de Tremedal area.
25	00	18	49.4%	34.942	N	116.791	W	3			40	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.6 (PAS), 3.6 (GS). Felt (IV) at Newberry Springs and (III) at Hinkley.
25	00	38	37.0	26.647	N	127.690	E	45	D	5.1	1.0	121 RYUKYU ISLANDS. Felt on Okinawa.
25	01	29	38.2*	72.218	N	0.977	W	10	G	4.5	0.9	21 JAN MAYEN ISLAND REGION
25	01	57	20.5	40.332	S	174.550	E	141			0.6	42 COOK STRAIT, NEW ZEALAND
25	02	05	42.9?	6.32	S	132.09	E	33	N		1.4	4 TANIMBAR ISLANDS REG., INDONESIA
25	02	16	39.5*	6.999	S	129.250	E	17	*	5.0	1.3	20 BANDA SEA
25	02	18	56.9?	34.52	S	179.85	E	328	*	4.8	1.2	43 SOUTH OF KERMADEC ISLANDS
25	03	08	00.1	40.737	N	19.847	E	10	G		1.1	9 ALBANIA. ML 2.3 (TIR).
25	03	30	05.2%	63.428	N	149.631	W	9			71	CENTRAL ALASKA. <AEIC>. ML 3.0 (AEIC), 3.4 (PMR).
25	03	53	37.2?	7.01	S	129.48	E	10	G		1.1	5 BANDA SEA
25	04	05	53.3*	21.399	S	68.908	W	152	?		0.8	9 CHILE-BOLIVIA BORDER REGION
25	04	34	09.5	43.810	N	16.935	E	33	N		0.6	18 NORTHWESTERN BALKAN REGION. ML 3.4 (ZAG), 3.2 (VIE). MD 3.4 (TRI).
25	05	02	26.9?	43.71	N	6.50	E	10	G		0.3	4 NEAR SOUTH COAST OF FRANCE. ML 2.0 (LDG).
25	05	08	49.4*	44.735	S	167.303	E	10	G		0.7	18 SOUTH ISLAND, NEW ZEALAND. ML 4.7 (WEL).
25	05	19	16.5	41.337	N	139.348	E	32		4.4	1.0	18 HOKKAIDO, JAPAN REGION
25	06	24	20.4%	47.555	N	0.305	E	10	G		0.4	6 FRANCE. ML 2.0 (LDG).
25	06	44	25.9*	5.455	S	135.735	E	33	N	3.9	1.2	9 IRIAN JAYA REGION, INDONESIA
25	06	44	50.3%	60.019	N	152.063	W	79				94 SOUTHERN ALASKA. <AEIC>.
25	07	30	23.0?	35.71	N	140.70	E	65	?	4.1	0.9	8 NEAR EAST COAST OF HONSHU, JAPAN
25	08	18	14.2	38.970	S	174.958	E	233			0.7	40 NORTH ISLAND, NEW ZEALAND
a 25	08	39	19.8	7.851	S	130.128	E	33	N	5.2	1.1	117 TANIMBAR ISLANDS REG., INDONESIA. Mw 5.3 (HRV).
25	08	42	37.8%	34.961	N	116.977	W	6	G			6 SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
25	09	09	27.4?	40.32	N	29.37	E	10	G		0.9	4 TURKEY. ML 2.7 (ISK).
25	09	13	26.7%	39.202	N	27.543	E	10	G		0.3	5 TURKEY. ML 2.7 (ISK).
25	09	38	58.7?	40.28	N	27.86	E	10	G		0.9	6 TURKEY. ML 2.7 (ISK).
25	09	46	24.5?	32.08	S	71.63	W	40	G		0.3	6 NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
25	09	46	54.1%	40.522	N	22.879	E	10	G		0.2	6 GREECE. ML 1.2 (THE).
25	09	47	59.0%	33.010	N	116.566	W	13				5 SOUTHERN CALIFORNIA. <PAS-P>. ML 2.3 (PAS). Felt.
25	09	52	37.3*	21.201	S	67.409	W	200	G		0.3	7 CHILE-BOLIVIA BORDER REGION
25	10	05	48.6*	5.916	S	146.057	E	10	G	3.8	1.0	6 EASTERN NEW GUINEA REG., P.N.G.
f 25	10	07	11.5	5.882	S	145.933	E	18	G	5.7 5.6	1.0	278 EASTERN NEW GUINEA REG., P.N.G. Mw 5.9 (HRV). ML 6.1 (PMG). Depth from broadband displacement seismograms.
25	10	17	22.3%	39.660	N	29.471	E	10	G		1.0	6 TURKEY. ML 2.6 (ISK).
25	10	20	33.3	5.838	S	146.031	E	10	G	4.8	1.1	23 EASTERN NEW GUINEA REG., P.N.G.
a 25	10	27	04.5	5.909	S	145.990	E	30	D	6.3 7.0	1.2	416 EASTERN NEW GUINEA REG., P.N.G. Mw 6.7 (GS), 6.7 (HRV). Ms 7.1 (BRK). ML 6.6 (PMG). Mo=1.0*10**19 Nm (PPT). Felt (III) at Rabaul.
25	10	41	32.2%	39.166	N	27.558	E	10	G		0.5	5 TURKEY. ML 2.7 (ISK).
25	10	53	12.2*	10.939	N	125.685	E	95	*	4.7	1.4	15 LEYTE, PHILIPPINE ISLANDS
25	11	02	56.0%	33.007	N	116.570	W	6	G			5 SOUTHERN CALIFORNIA. <PAS-P>. MD 2.3 (PAS). Felt.
25	11	15	43.5*	33.493	S	70.848	W	69	?		0.4	8 CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
25	11	16	55.4*	5.929	S	145.982	E	10	G	4.1	0.6	5 EASTERN NEW GUINEA REG., P.N.G.
25	11	30	08.8*	5.761	S	146.152	E	10	G	4.5	1.6	14 EASTERN NEW GUINEA REG., P.N.G.
25	11	55	33.0	43.872	N	16.514	E	5	G		0.6	18 NORTHWESTERN BALKAN REGION. ML 2.2 (LJU).
25	11	59	48.0	5.858	S	146.016	E	27	D	5.6 6.1	1.2	108 EASTERN NEW GUINEA REG., P.N.G.
25	12	02	39.2	39.565	N	28.548	E	10	G		0.8	15 TURKEY. ML 3.4 (ISK).
25	12	15	08.4%	41.788	N	27.516	E	5	G		0.6	8 TURKEY. ML 3.0 (ISK).
25	12	18	01.2	5.965	S	146.008	E	22		4.9	1.2	54 EASTERN NEW GUINEA REG., P.N.G. ML 4.8 (PMG).
25	12	53	05.3*	5.841	S	146.003	E	10	G	3.9	0.2	5 EASTERN NEW GUINEA REG., P.N.G. ML 3.8 (PMG).
25	13	15	02.7	5.975	S	145.950	E	10	G	4.0	1.0	8 EASTERN NEW GUINEA REG., P.N.G. ML 4.1 (PMG).
25	13	31	57.1	5.894	S	146.059	E	10	G	3.7	0.7	6 EASTERN NEW GUINEA REG., P.N.G. ML 4.1 (PMG).
25	13	53	32.7	5.929	S	145.966	E	20	D	4.8 4.6	1.2	39 EASTERN NEW GUINEA REG., P.N.G. ML 4.8 (PMG).
25	14	11	25.6	5.884	S	145.915	E	10	G	3.9	0.3	5 EASTERN NEW GUINEA REG., P.N.G. ML 3.8 (PMG).
25	14	12	24.4%	40.213	N	28.781	E	10	G		0.1	6 TURKEY. ML 2.7 (ISK).
25	14	21	35.9*	5.821	S	146.078	E	10	G	3.8	1.2	5 EASTERN NEW GUINEA REG., P.N.G.
25	14	30	12.9	5.813	S	145.822	E	21	D	5.1 4.9	1.1	55 EASTERN NEW GUINEA REG., P.N.G.
25	14	33	19.9	41.336	N	49.478	E	33	N	4.7	1.2	53 CASPIAN SEA
25	14	46	10.7*	5.929	S	145.878	E	10	G	3.8	0.9	5 EASTERN NEW GUINEA REG., P.N.G. ML 4.2 (PMG).
25	14	51	17.9?	39.66	N	29.46	E	5	G		0.1	4 TURKEY. ML 2.7 (ISK).
25	15	01	00.2?	39.57	N	30.23	E	10	G		0.7	4 TURKEY. ML 2.6 (ISK).
25	15	07	59.4*	5.920	S	146.092	E	10	G	3.9	1.4	6 EASTERN NEW GUINEA REG., P.N.G.
25	15	14	32.1*	5.928	S	146.137	E	10	G	4.1	1.3	5 EASTERN NEW GUINEA REG., P.N.G.
25	15	46	54.3%	16.510	N	99.160	W	10	G		0.6	5 NEAR COAST OF GUERRERO, MEXICO
25	15	49	34.3*	5.833	S	145.824	E	10	G	3.7	0.4	5 EASTERN NEW GUINEA REG., P.N.G. ML 4.1 (PMG).
25	15	54	09.4?	5.91	S	146.08	E	10	G	3.7	0.1	4 EASTERN NEW GUINEA REG., P.N.G.
25	16	16	48.2?	31.27	S	68.97	W	100	G		0.4	5 SAN JUAN PROVINCE, ARGENTINA
25	16	59	22.3	5.888	S	145.974	E	10	G	4.0	0.6	6 EASTERN NEW GUINEA REG., P.N.G. ML 4.3 (PMG).
25	17	20	13.4*	10.915	N	126.533	E	95	?	4.6	0.9	16 PHILIPPINE ISLANDS REGION
25	17	30	08.5	22.098	S	169.964	E	33	N	4.2	1.2	8 LOYALTY ISLANDS REGION
25	18	00	06.3?	16.51	S	175.73	W	389	*	4.2	0.7	8 TONGA ISLANDS
25	18	42	00.3*	50.963	N	2.776	E	10	G		0.6	11 FRANCE. ML 2.6 (LDG).
25	18	44	07.1*	5.945	S	146.083	E	10	G	3.6	0.5	5 EASTERN NEW GUINEA REG., P.N.G.
25	18	47	26.7%	44.054	N	6.831	E	5	G		0.4	9 FRANCE. ML 2.3 (GEN).
25	19	04	25.9%	40.801	N	29.968	E	5	G		0.8	8 TURKEY. ML 3.0 (ISK).
25	19	35	21.5?	37.80	S	179.74	W	33	N	4.2	1.5	31 EAST OF NORTH ISLAND, N.Z. ML 4.6 (WEL).
25	20	41	28.7	5.874	S	145.879	E	10	G	4.7	0.9	30 EASTERN NEW GUINEA REG., P.N.G. ML 4.6 (PMG).
25	20	44	17.9?	31.93	S	67.97	W	110	?		0.1	6 SAN JUAN PROVINCE, ARGENTINA
25	20	50	22.2*	42.166	N	16.863	E	5	G		0.8	10 ADRIATIC SEA

25	20	58	07.8?	29.37	S	68.42	W	100	G		0.5	4	SAN JUAN PROVINCE, ARGENTINA
25	21	15	17.6?	59.412	N	152.985	W	85	3.5			70	SOUTHERN ALASKA. <AEIC>.
25	21	30	15.7	33.164	S	71.383	W	51	*		1.2	17	NEAR COAST OF CENTRAL CHILE. MD 4.4 (SAN).
25	21	43	46.0	44.243	N	8.240	E	10	G		0.6	11	NORTHERN ITALY. ML 2.2 (LDG), 2.0 (GEN).
25	21	47	18.4?	44.25	N	8.24	E	10	G		0.3	4	NORTHERN ITALY. ML 1.6 (GEN).
25	22	00	08.2?	10.56	N	62.09	W	10	G		1.0	7	NEAR COAST OF VENEZUELA. MD 3.1 (TRN).
25	22	23	47.8?	61.027	N	147.534	W	29	3.9			123	SOUTHERN ALASKA. <AEIC>. ML 4.7 (AEIC), 4.5 (PMR). Felt (III) at Anchorage, Palmer and Valdez.
25	22	53	03.2*	5.886	S	146.039	E	10	G	3.9	1.5	6	EASTERN NEW GUINEA REG., P.N.G. ML 4.1 (PMG).
25	23	41	24.5?	63.065	N	150.710	W	121	3.6			91	CENTRAL ALASKA. <AEIC>.
25	23	58	05.2*	5.892	S	145.986	E	10	G	4.2	1.0	9	EASTERN NEW GUINEA REG., P.N.G. ML 4.4 (PMG).
26	00	21	04.4*	5.856	S	146.002	E	10	G	3.6	0.6	5	EASTERN NEW GUINEA REG., P.N.G.
26	01	21	19.3?	25.32	S	179.41	W	485	?	4.3	1.0	13	SOUTH OF FIJI ISLANDS
26	02	01	27.1*	5.717	S	145.997	E	10	G	3.8	0.2	5	EASTERN NEW GUINEA REG., P.N.G. ML 4.3 (PMG).
26	02	15	33.7?	39.45	N	26.39	E	5	G		0.4	4	TURKEY. ML 3.0 (ISK).
26	02	17	47.2?	36.134	N	120.178	W	9				13	CENTRAL CALIFORNIA. <GM-P>. MD 2.7 (GM). ML 2.7 (PAS).
26	02	31	12.2?	31.33	S	68.35	W	100	G		1.3	4	SAN JUAN PROVINCE, ARGENTINA
26	02	47	25.4*	5.895	S	145.841	E	10	G	4.0	1.0	9	EASTERN NEW GUINEA REG., P.N.G. ML 4.2 (PMG).
26	03	07	52.6?	16.595	N	99.162	W	10	G		1.3	7	NEAR COAST OF GUERRERO, MEXICO
26	03	39	47.7	44.348	N	7.268	E	12			0.6	15	NORTHERN ITALY. ML 2.3 (GEN), 2.1 (LDG).
26	03	57	52.9?	59.249	N	153.666	W	104	3.3			60	SOUTHERN ALASKA. <AEIC>.
26	04	20	38.9?	44.232	N	8.242	E	10	G		0.2	8	NORTHERN ITALY. ML 1.7 (GEN).
26	04	28	13.2*	7.401	S	128.420	E	125	?	4.4	1.1	9	BANDA SEA
26	04	28	30.4?	32.305	N	115.065	W	6	G			7	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.0 (PAS).
26	04	34	44.2	26.203	S	27.443	E	5	G		0.7	30	REPUBLIC OF SOUTH AFRICA. ML 4.3 (PRE). mbLg 4.3 (BUL).
26	04	51	44.2?	34.930	N	116.928	W	0				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS). Felt.
26	05	05	04.6*	32.502	S	71.634	W	33	N		1.0	10	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
26	05	06	33.9?	37.879	N	122.282	W	5				11	CENTRAL CALIFORNIA. <GM-P>. MD 2.6 (GM). ML 2.5 (BRK). Felt at Albany, Berkeley, El Cerrito, El Sobrante, Kensington, Oakland and Richmond.
26	07	01	49.0?	15.64	N	99.28	W	33	N		1.0	6	OFF COAST OF GUERRERO, MEXICO
26	07	02	00.1?	37.36	S	179.26	E	33	N	3.4	1.2	19	OFF E. COAST OF N. ISLAND, N.Z. ML 4.1 (WEL).
26	07	09	31.5*	5.898	S	146.089	E	10	G	3.4	0.6	5	EASTERN NEW GUINEA REG., P.N.G.
26	07	17	04.7	13.801	N	120.715	E	126	D	5.1	0.9	85	MINDORO, PHILIPPINE ISLANDS
26	07	20	55.6?	50.21	N	8.10	E	10	G		0.2	4	GERMANY. ML 2.0 (BNS).
26	07	43	13.0*	5.859	S	145.788	E	10	G	3.7	0.7	5	EASTERN NEW GUINEA REG., P.N.G.
26	08	16	31.4	39.354	N	21.525	E	10	G		0.4	6	GREECE. ML 2.4 (THE).
26	08	49	37.1?	39.11	N	27.70	E	33	N		0.1	4	TURKEY. ML 2.8 (ISK).
26	09	05	44.7?	31.391	S	67.776	W	10	G		0.9	7	SAN JUAN PROVINCE, ARGENTINA
26	09	11	10.5*	5.881	S	146.029	E	10	G	3.6	0.7	5	EASTERN NEW GUINEA REG., P.N.G.
26	09	13	35.3?	39.148	N	27.593	E	10	G		0.8	5	TURKEY. ML 2.8 (ISK).
26	09	16	19.0?	39.691	N	29.481	E	5	G		0.6	5	TURKEY. ML 2.8 (ISK).
26	09	19	16.5	5.622	S	133.785	E	33	N	4.9	0.9	40	ARU ISLANDS REGION, INDONESIA
26	09	24	07.3?	34.947	N	116.652	W	6	G			55	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.0 (PAS), 3.9 (GS). Felt (IV) at Newberry Springs and (III) at Baker. Also felt in the Barstow area.
26	09	28	10.1?	39.205	N	27.719	E	10	G		0.7	5	TURKEY. ML 2.8 (ISK).
26	09	29	10.5?	31.23	S	68.46	W	100	G		0.1	4	SAN JUAN PROVINCE, ARGENTINA
26	09	35	55.0?	41.429	N	29.320	E	10	G		0.2	6	TURKEY. ML 3.1 (ISK).
26	09	53	20.1	38.461	S	175.897	E	201	*		0.5	28	NORTH ISLAND, NEW ZEALAND
26	09	55	55.7?	40.61	N	22.98	E	10	G		0.3	5	GREECE. ML 1.4 (THE).
26	10	11	26.2*	5.855	S	145.831	E	10	G	3.7	1.0	5	EASTERN NEW GUINEA REG., P.N.G.
26	10	21	26.5	44.309	N	7.308	E	10	G		0.4	19	NORTHERN ITALY. ML 2.7 (LDG), 2.4 (GEN).
26	10	34	47.4?	39.674	N	29.475	E	10	G		0.3	7	TURKEY. ML 2.7 (ISK).
26	10	37	42.4?	33.194	N	115.566	W	4				11	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
26	10	39	21.5*	38.646	S	175.325	E	232	?		1.0	19	NORTH ISLAND, NEW ZEALAND
26	10	52	46.9*	5.801	S	146.007	E	10	G	3.5	0.5	5	EASTERN NEW GUINEA REG., P.N.G.
26	11	06	23.9	38.369	N	21.097	E	5	G		0.8	20	GREECE. ML 3.5 (ATH), 3.4 (THE).
26	11	34	17.3?	31.37	S	68.15	W	105	?		0.6	6	SAN JUAN PROVINCE, ARGENTINA
a 26	11	38	21.9	38.477	N	98.655	E	8	G	5.9 5.4	1.0	411	QINGHAI, CHINA. Felt in the Qilian area. Depth from broadband displacement seismograms.
26	12	13	46.6*	6.270	S	145.067	E	10	G	3.2	0.4	5	NEW GUINEA, PAPUA NEW GUINEA
26	12	53	45.0?	24.38	S	179.24	W	558	?	4.8	0.5	20	SOUTH OF FIJI ISLANDS
26	12	54	17.1*	36.638	N	11.588	W	10	G		0.7	10	NORTH ATLANTIC OCEAN. mbLg 3.0 (MDD).
26	13	57	36.8?	32.316	N	115.077	W	6	G			7	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.0 (PAS).
26	14	12	58.4*	5.824	S	145.794	E	10	G	3.3	0.4	5	EASTERN NEW GUINEA REG., P.N.G.
26	14	14	43.4?	58.244	N	6.453	E	10	G		1.2	6	SOUTHERN NORWAY. MD 2.1 (BER).
26	14	26	15.9?	44.390	N	7.351	E	14	*		0.4	11	NORTHERN ITALY. ML 2.1 (GEN).
26	14	27	36.9?	44.538	N	7.409	E	10	G		0.3	10	NORTHERN ITALY. ML 2.1 (GEN).
26	14	52	51.1?	39.268	N	27.724	E	10	G		0.3	7	TURKEY. ML 3.0 (ISK).
26	15	03	54.7?	17.48	S	178.94	W	517	*	4.8	0.7	14	FIJI ISLANDS REGION
26	15	55	28.6?	36.805	N	4.556	W	31			1.0	9	STRAIT OF GIBRALTAR. mbLg 3.4 (MDD).
26	16	57	05.7	39.794	N	20.535	E	5	G		1.0	8	GREECE-ALBANIA BORDER REGION. ML 2.3 (THE), 2.2 (TIR).
26	17	27	06.1	28.002	S	26.834	E	5	G		0.6	9	REPUBLIC OF SOUTH AFRICA. ML 3.1 (PRE). mbLg 3.0 (BUL).
26	18	12	36.2?	31.60	S	68.92	W	102	?		0.2	6	SAN JUAN PROVINCE, ARGENTINA
26	18	47	27.5?	42.021	N	25.240	E	10	G		1.1	8	BULGARIA. ML 3.3 (THE).
26	19	03	55.9?	31.16	S	178.12	W	33	N	4.7	0.4	5	KERMADEC ISLANDS REGION
26	20	21	03.6	5.805	S	145.827	E	10	G	3.8	0.4	6	EASTERN NEW GUINEA REG., P.N.G.
26	20	25	03.8*	37.225	N	70.192	E	10	G	4.5	1.1	10	AFGHANISTAN-TAJIKISTAN BORD REG.
26	20	46	51.6?	44.812	N	7.470	E	10	G		1.1	5	NORTHERN ITALY. ML 2.0 (GEN).
26	21	09	19.4	5.848	S	146.138	E	10	G	4.1	0.8	5	EASTERN NEW GUINEA REG., P.N.G. ML 4.3 (PMG).
26	21	48	34.6?	20.46	S	179.72	E	525	?	4.1	1.2	10	SOUTH OF FIJI ISLANDS
26	21	56	49.0?	32.63	S	67.24	W	10	G		1.1	6	MENDOZA PROVINCE, ARGENTINA
26	22	30	44.2?	44.095	N	7.263	E	10	G		0.4	11	NORTHERN ITALY. ML 2.4 (GEN).
26	23	13	54.5?	22.15	S	65.64	W	269	?		0.9	8	JUJUY PROVINCE, ARGENTINA
26	23	43	13.8?	36.15	S	178.12	E	227	?	3.1	1.5	16	OFF E. COAST OF N. ISLAND, N.Z.
26	23	49	02.7?	60.409	N	152.407	W	100				53	SOUTHERN ALASKA. <AEIC>.
27	00	15	38.8*	5.717	S	145.988	E	10	G	4.5 3.8	1.0	15	EASTERN NEW GUINEA REG., P.N.G.
27	00	33	00.9	43.177	N	128.387	W	10	G		0.4	59	OFF COAST OF OREGON
27	02	43	26.4?	31.796	S	69.511	W	114	*		0.4	9	SAN JUAN PROVINCE, ARGENTINA
27	03	49	38.5?	38.74	N	27.33	E	10	G		0.3	4	TURKEY. ML 2.8 (ISK).

27	04	53	27.7	52.845	N	160.176	E	68	5.1	1.0	145	OFF EAST COAST OF KAMCHATKA			
27	05	31	27.9	38.495	S	175.719	E	187		1.0	38	NORTH ISLAND, NEW ZEALAND			
27	05	37	37.2	5.805	S	145.852	E	10	G	4.9	4.6	1.3	36	EASTERN NEW GUINEA REG., P.N.G. ML 5.0 (PMG).	
27	05	55	52.7	40.694	N	23.394	E	10	G		8	0.5	8	GREECE. ML 2.4 (THE).	
27	05	57	44.8	39.846	N	26.619	E	10	G		6	0.5	6	TURKEY. ML 3.1 (ISK).	
27	06	37	01.0	5.904	S	146.061	E	10	G	3.5	1.0	1.0	6	EASTERN NEW GUINEA REG., P.N.G.	
27	06	49	56.7	5.92	S	146.04	E	10	G		4	0.3	4	EASTERN NEW GUINEA REG., P.N.G.	
27	07	02	34.8	28.062	S	26.949	E	5	G		6	0.3	6	REPUBLIC OF SOUTH AFRICA. ML 2.4 (PRE).	
a	27	07	18	47.3	6.946	N	125.653	E	46	D	5.4	4.8	1.1	107	MINDANAO, PHILIPPINE ISLANDS. Mw 5.2 (HRV).
27	07	31	54.6	5.767	S	145.835	E	10	G	3.6		0.7	6	EASTERN NEW GUINEA REG., P.N.G.	
27	07	44	48.9	31.22	S	68.78	W	100	G		4	0.0	4	SAN JUAN PROVINCE, ARGENTINA	
27	07	48	48.1	37.461	N	21.108	E	5	G		11	0.6	11	SOUTHERN GREECE. MD 3.5 (ATH).	
27	08	00	05.9	5.788	S	145.768	E	10	G	3.9		0.6	5	EASTERN NEW GUINEA REG., P.N.G. ML 4.2 (PMG).	
27	08	15	18.8	38.898	N	26.654	E	5	G		9	1.0	9	AEGEAN SEA. ML 3.4 (ISK). MD 3.3 (ATH).	
27	08	44	41.1	59.890	N	152.437	W	74			55		55	SOUTHERN ALASKA. <AEIC>.	
27	08	53	19.8	16.717	N	99.292	W	10	G		7	1.5	7	NEAR COAST OF GUERRERO, MEXICO	
27	09	04	33.2	16.838	N	99.274	W	10	G		5	1.4	5	NEAR COAST OF GUERRERO, MEXICO	
27	09	07	01.0	5.833	S	145.890	E	10	G	4.2		0.7	7	EASTERN NEW GUINEA REG., P.N.G.	
27	09	11	20.1	16.648	N	99.397	W	10	G		5	0.8	5	NEAR COAST OF GUERRERO, MEXICO	
27	09	38	18.0	31.974	S	68.242	W	120	?		10	0.8	10	SAN JUAN PROVINCE, ARGENTINA	
27	09	51	38.9	34.145	N	116.416	W	2			6		6	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).	
27	10	08	28.4	39.22	N	27.62	E	10	G		4	0.5	4	TURKEY. ML 2.7 (ISK).	
27	10	09	21.3	39.12	N	27.57	E	10	G		4	1.2	4	TURKEY. ML 2.7 (ISK).	
27	10	26	39.0	39.27	N	27.75	E	10	G		4	0.1	4	TURKEY. ML 2.8 (ISK).	
27	10	45	46.8	5.823	S	145.918	E	10	G	3.9		0.3	6	EASTERN NEW GUINEA REG., P.N.G. ML 4.1 (PMG).	
27	11	23	11.4	20.113	S	68.947	W	150	?		7	1.1	7	CHILE-BOLIVIA BORDER REGION	
27	11	45	45.4	5.973	S	145.998	E	10	G	4.2		0.9	10	EASTERN NEW GUINEA REG., P.N.G.	
27	12	15	07.4	39.16	N	27.47	E	10	G		4	0.4	4	TURKEY. ML 2.7 (ISK).	
27	13	26	38.3	63.269	N	151.055	W	9			58		58	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).	
27	13	27	11.3	42.712	N	24.159	E	5	G		9	0.7	9	BULGARIA. ML 3.1 (THE).	
27	14	03	03.9	42.637	N	18.869	E	10	G		21	1.1	21	NORTHWESTERN BALKAN REGION. ML 3.0 (TIR).	
27	14	08	56.6	39.27	N	27.73	E	10	G		4	0.7	4	TURKEY. ML 2.7 (ISK).	
27	14	44	47.8	26.865	S	26.733	E	5	G		6	1.1	6	REPUBLIC OF SOUTH AFRICA. ML 2.6 (PRE).	
27	15	06	40.7	58.674	N	154.274	W	4			63		63	ALASKA PENINSULA. <AEIC>. ML 3.3 (AEIC), 3.6 (PMR).	
27	15	10	39.2	15.137	N	88.890	W	33	N		8	0.6	8	HONDURAS. ML 4.5 (GCG).	
27	15	43	00.9	5.86	S	145.82	E	10	G		4	0.6	4	EASTERN NEW GUINEA REG., P.N.G. ML 4.3 (PMG).	
27	15	43	16.9	44.060	N	7.266	E	10	G		6	0.6	6	NORTHERN ITALY. ML 1.6 (STR).	
27	16	03	48.0	45.319	S	166.858	E	33	N	4.7		0.9	17	OFF W. COAST OF S. ISLAND, N.Z. ML 4.7 (WEL).	
27	16	32	10.9	42.743	N	18.541	E	10	G		10	0.2	10	NORTHWESTERN BALKAN REGION	
27	16	39	29.3	5.979	S	145.839	E	10	G	3.5		1.0	5	EASTERN NEW GUINEA REG., P.N.G.	
27	16	49	46.0	42.752	N	18.563	E	10	G		10	0.2	10	NORTHWESTERN BALKAN REGION	
27	16	51	37.2	23.311	S	71.594	W	59	?		12	1.0	12	OFF COAST OF NORTHERN CHILE	
27	17	45	30.5	5.882	S	146.109	E	10	G		5	1.2	5	EASTERN NEW GUINEA REG., P.N.G.	
27	17	51	36.8	23.222	S	70.780	W	52	*	4.8		1.5	29	NEAR COAST OF NORTHERN CHILE	
27	17	57	14.9	5.952	S	145.997	E	10	G	3.6		0.4	6	EASTERN NEW GUINEA REG., P.N.G.	
a	27	18	30	20.6	?	5.59	S	145.94	E	10	G	4.0	1.2	5	EASTERN NEW GUINEA REG., P.N.G. ML 4.4 (PMG).
27	21	16	48.9	18.279	S	177.874	W	617		5.3	1.0	1.0	277	FIJI ISLANDS REGION. Mw 5.8 (HRV).	
27	21	21	42.4	60.540	N	151.186	W	49			75		75	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.0 (AEIC).	
27	21	40	06.1	32.386	S	71.307	W	33	N		11	0.8	11	NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN).	
27	22	22	20.4	4.79	S	144.70	E	114	?	4.8		0.5	5	NEAR N COAST OF NEW GUINEA, PNG.	
27	22	30	43.5	44.05	N	7.25	E	10	G		5	0.6	5	NORTHERN ITALY. ML 1.0 (STR).	
27	22	38	43.8	6.473	S	146.737	E	101	*	4.2		0.6	6	EASTERN NEW GUINEA REG., P.N.G.	
27	22	53	48.1	38.203	N	30.181	E	5	G		8	1.0	8	TURKEY. ML 3.5 (ISK).	
27	22	54	38.4	5.838	S	145.945	E	10	G	3.4		0.3	5	EASTERN NEW GUINEA REG., P.N.G.	
28	00	09	07.9	35.230	N	118.076	W	8			33		33	CENTRAL CALIFORNIA. <PAS-P>. ML 3.6 (PAS), 3.3 (GS).	
28	01	11	10.8	31.62	W	68.62	W	100	G		6	0.9	6	SAN JUAN PROVINCE, ARGENTINA	
a	28	01	52	06.5	41.604	N	142.024	E	67	D	5.2	1.1	214	HOKKAIDO, JAPAN REGION. Mw 5.4 (HRV).	
28	02	53	17.1	46.706	S	93.729	W	10	G	5.5		1.1	53	SOUTHERN PACIFIC OCEAN	
28	03	04	47.6	5.931	S	145.976	E	10	G	4.2	4.0	1.1	8	EASTERN NEW GUINEA REG., P.N.G. ML 4.6 (PMG).	
28	03	44	06.0	11.38	N	69.63	W	33	N		7	0.4	7	NEAR COAST OF VENEZUELA	
28	04	29	27.8	11.659	N	87.770	W	31	D	4.9	4.7	1.0	132	NEAR COAST OF NICARAGUA. Felt (II) at San Salvador, El Salvador.	
28	04	29	43.8	32.323	S	67.408	W	10	G		6	0.9	6	MENDOZA PROVINCE, ARGENTINA	
28	05	09	57.2	5.875	S	145.986	E	10	G	4.0		1.1	5	EASTERN NEW GUINEA REG., P.N.G. ML 4.0 (PMG).	
28	05	33	53.8	35.882	N	21.501	E	33	N		12	0.8	12	CENTRAL MEDITERRANEAN SEA. ML 3.6 (THE). MD 3.7 (ATH).	
28	05	37	55.0	6.982	S	129.531	E	114	*	4.9		1.3	20	BANDA SEA	
28	06	01	26.8	5.722	S	145.956	E	10	G	4.9		1.1	28	EASTERN NEW GUINEA REG., P.N.G. ML 5.0 (PMG).	
28	06	06	16.9	32.06	N	116.55	E	33	N		4	1.4	4	SOUTHEASTERN CHINA. ML 3.2 (BJI).	
28	06	06	46.5	41.410	N	126.211	W	8			45		45	OFF COAST OF NORTHERN CALIFORNIA. <GM-P>. MD 3.5 (GM). ML 3.8 (GS).	
28	06	15	22.5	67.79	N	10.32	E	10	G		6	0.7	6	NORWEGIAN SEA. MD 3.1 (BER).	
28	06	49	37.0	5.812	S	145.979	E	10	G	4.4	3.7	0.9	8	EASTERN NEW GUINEA REG., P.N.G. ML 4.5 (PMG).	
28	07	04	50.5	16.19	S	168.12	E	30	*	4.4		0.4	6	VANUATU ISLANDS	
28	07	28	12.9	38.220	N	22.764	E	10	G		14	0.8	14	GREECE. ML 3.0 (ATH), 2.8 (THE).	
28	07	40	17.1	14.394	N	92.612	W	64	*	4.4		1.2	15	NEAR COAST OF CHIAPAS, MEXICO. MD 4.6 (GCG).	
28	07	56	36.3	59.542	N	153.064	W	100			28		28	SOUTHERN ALASKA. <AEIC>.	
28	08	47	54.0	5.872	S	145.902	E	10	G	3.6		1.3	5	EASTERN NEW GUINEA REG., P.N.G.	
28	09	09	18.6	14.713	N	93.790	W	38		4.6		1.1	35	NEAR COAST OF CHIAPAS, MEXICO	
28	09	12	41.7	31.395	S	69.175	W	118	*		23	1.1	23	SAN JUAN PROVINCE, ARGENTINA. MD 4.5 (SAN).	
28	09	26	30.1	5.771	S	145.790	E	10	G	4.1		1.3	8	EASTERN NEW GUINEA REG., P.N.G. ML 4.5 (PMG).	
28	09	50	06.3	6.879	S	128.785	E	182		5.1		1.1	76	BANDA SEA	
28	09	56	42.4	14.361	N	93.257	W	60	*	4.5		1.2	14	NEAR COAST OF CHIAPAS, MEXICO. MD 4.6 (GCG).	
28	10	00	57.2	32.703	S	71.585	W	33	N		18	1.0	18	NEAR COAST OF CENTRAL CHILE. MD 3.2 (SAN). Felt (III) at Valparaiso. Also felt at La Ligua, Papudo, Petorca, Quintero and Zapallar.	
28	11	13	57.4	34.390	N	26.203	E	47	*	4.6		1.1	46	CRETE. MD 4.5 (ATH).	
28	11	28	32.0	31.514	S	68.754	W	100	G		6	0.7	6	SAN JUAN PROVINCE, ARGENTINA	
28	11	56	45.3	26.339	S	27.478	E	5	G		11	0.8	11	REPUBLIC OF SOUTH AFRICA. ML 3.7 (PRE). mbLg 3.8 (BUL).	
28	11	57	49.1	41.230	N	29.063	E	5	G		6	0.6	6	TURKEY. ML 2.8 (ISK).	
28	12	34	07.5	37.710	S	176.678	E	221	*		33	0.6	33	NORTH ISLAND, NEW ZEALAND	
28	12	58	05.6	13.77	N	144.04	E	96	?	4.4		1.5	13	MARIANA ISLANDS. Felt (III) at Yona, Santa Rita and Tamuning, Guam.	
28	14	17	14.7	5.93	S	146.11	E	10	G	3.7		1.0	4	EASTERN NEW GUINEA REG., P.N.G.	

28	15	00	02.0%	26.442 S	27.431 E	5 G	0.8	7	REPUBLIC OF SOUTH AFRICA. ML 3.1 (PRE).
28	15	01	37.9*	0.108 N	16.833 W	10 G	4.7	0.9	11 NORTH OF ASCENSION ISLAND
28	15	37	48.5*	46.804 N	11.040 E	10 G	0.4	7	NORTHERN ITALY. ML 2.1 (VIE).
28	16	04	35.3	26.379 S	27.423 E	5 G	0.5	9	REPUBLIC OF SOUTH AFRICA. ML 3.1 (PRE). mbLg 3.0 (BUL).
28	16	19	37.5?	32.92 S	71.64 W	10 G	1.4	7	NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
28	16	45	35.0%	31.524 S	67.327 W	120 G	0.4	6	SAN JUAN PROVINCE, ARGENTINA
28	17	15	59.8*	4.009 N	74.050 W	33 N	1.1	6	COLOMBIA. Felt at Villavicencio.
28	17	34	36.1%	8.950 N	70.341 W	33 N	0.7	6	VENEZUELA
28	17	44	34.1?	31.27 S	69.26 W	120 G	0.2	5	SAN JUAN PROVINCE, ARGENTINA
28	18	22	06.1?	38.90 N	26.94 E	10 G	0.1	4	AEGEAN SEA. ML 3.0 (ISK).
28	19	22	54.9%	63.282 N	151.155 W	13	3.4	85	CENTRAL ALASKA. <AEIC>. ML 4.1 (AEIC), 4.3 (PMR).
28	19	41	17.4*	31.234 S	68.079 W	114 ?	0.6	9	SAN JUAN PROVINCE, ARGENTINA
28	19	49	48.1	49.165 N	6.924 E	10 G	1.3	12	GERMANY. ML 2.6 (STR).
28	21	45	16.7?	5.95 S	146.07 E	10 G	0.4	4	EASTERN NEW GUINEA REG., P.N.G.
28	21	48	20.5?	52.22 N	168.03 W	33 N	4.0	1.4	7 FOX ISLANDS, ALEUTIAN ISLANDS
28	22	32	25.0?	45.24 S	166.38 E	69 ?	0.6	8	OFF W. COAST OF S. ISLAND, N.Z.
28	22	39	26.9*	39.325 N	19.285 E	5 G	0.9	15	GREECE-ALBANIA BORDER REGION. MD 3.4 (ATH). ML 3.0 (THE).
28	23	00	51.2	38.316 N	21.951 E	10 G	3.5	1.0	13 GREECE. ML 3.2 (THE), 3.1 (ATH).
28	23	07	00.4*	39.413 N	19.663 E	10 G	1.5	7	GREECE-ALBANIA BORDER REGION. MD 3.2 (ATH). ML 2.9 (TIR).
29	00	08	31.4*	6.798 S	75.888 W	134 ?	4.5	1.2	21 NORTHERN PERU
29	00	41	41.7	36.234 N	77.735 E	148 D	4.8	0.9	87 KASHMIR-XINJIANG BORDER REGION
29	00	52	51.2?	6.02 N	72.70 W	33 N	0.7	5	NORTHERN COLOMBIA
29	01	43	47.5	10.247 S	160.949 E	52 *	5.1 4.5	0.9	49 SOLOMON ISLANDS
29	01	45	02.0%	60.846 N	151.618 W	78		58	KENAI PENINSULA, ALASKA. <AEIC>.
29	02	45	58.6%	58.247 N	151.681 W	7		51	KODIAK ISLAND REGION. <AEIC>. ML 3.0 (AEIC).
29	02	49	04.9	40.624 N	22.492 E	10 G		1.1	17 GREECE. MD 3.3 (ATH). ML 2.7 (THE).
29	02	54	15.5	40.674 N	22.516 E	5 G		0.4	9 GREECE. ML 2.2 (THE).
29	03	16	46.9%	44.337 N	7.410 E	10 G		0.3	7 NORTHERN ITALY. ML 1.7 (GEN).
f 29	04	09	05.6	51.509 N	178.184 W	34 D	5.8 5.3	1.0	450 ANDREANOF ISLANDS, ALEUTIAN IS. Mw 5.8 (GS), 5.7 (HRV). ML 5.9 (PMR). Ms 5.0 (BRK). Felt (IV) on Adak.
29	04	24	44.8?	37.74 N	29.55 E	10 G		0.5	5 TURKEY. ML 3.2 (ISK).
29	04	49	24.2?	39.80 N	25.74 E	10 G		0.4	5 AEGEAN SEA. ML 3.0 (ISK).
29	05	17	19.9?	18.48 N	103.88 W	33 N		1.0	6 NEAR COAST OF MICHOACAN, MEXICO
29	05	40	52.5?	31.50 S	69.31 W	113 ?		0.3	6 SAN JUAN PROVINCE, ARGENTINA
29	06	08	39.2*	36.444 N	23.792 E	98 ?		0.8	13 SOUTHERN GREECE
29	07	09	16.8?	17.54 S	69.78 W	160 G		0.6	5 PERU-BOLIVIA BORDER REGION
29	08	18	07.7%	63.431 N	151.084 W	17		87	CENTRAL ALASKA. <AEIC>. ML 3.7 (AEIC), 3.6 (PMR).
29	08	33	48.6%	44.314 N	7.493 E	10 G		0.2	9 NORTHERN ITALY. ML 1.8 (GEN).
29	08	53	29.3	26.369 S	27.493 E	5 G		0.9	7 REPUBLIC OF SOUTH AFRICA. ML 3.0 (PRE). mbLg 2.8 (BUL).
29	09	11	33.0%	33.190 N	115.608 W	6		18	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.2 (GS).
a 29	09	22	13.6	5.631 S	145.923 E	10 G	5.4 4.9	0.9	172 EASTERN NEW GUINEA REG., P.N.G. Mw 5.3 (HRV).
29	09	42	04.6?	39.07 N	27.87 E	10 G		0.9	4 TURKEY. ML 2.8 (ISK).
29	09	54	18.5?	40.60 N	22.93 E	10 G		0.7	4 GREECE. ML 1.7 (THE).
29	10	06	08.2	40.718 S	174.231 E	96 *		0.9	28 COOK STRAIT, NEW ZEALAND
29	10	20	41.0?	39.14 N	27.59 E	10 G		0.1	4 TURKEY. ML 2.7 (ISK).
29	11	11	11.5*	31.739 S	71.806 W	11		0.7	12 NEAR COAST OF CENTRAL CHILE. MD 4.1 (SAN).
29	11	30	13.1?	43.92 N	7.09 E	10 G		0.6	4 NEAR SOUTH COAST OF FRANCE. ML 1.1 (STR).
29	11	53	33.0	38.163 N	118.197 W	5 G		0.6	55 CALIFORNIA-NEVADA BORDER REGION. ML 4.0 (GS), 4.1 (BRK). MD 3.8 (GM). Felt (IV) at Mina and (III) at Luning, Nevada.
29	12	12	18.2	40.626 N	22.506 E	5 G		0.6	11 GREECE. ML 2.3 (THE).
29	12	23	13.7%	40.618 N	22.438 E	5 G		0.4	7 GREECE. ML 1.9 (THE).
29	12	48	00.9%	40.613 N	22.462 E	5 G		0.2	5 GREECE. ML 1.7 (THE).
29	13	09	45.7*	51.275 N	16.265 E	10 G		0.6	5 POLAND
29	13	20	32.5*	42.536 N	23.968 E	10 G		0.7	5 BULGARIA. ML 2.8 (THE).
29	14	05	28.8	40.720 S	174.260 E	99 *		1.0	24 COOK STRAIT, NEW ZEALAND
29	14	09	37.3%	66.042 N	148.140 W	25		28	NORTHERN ALASKA. <AEIC>. ML 3.0 (AEIC), 3.5 (PMR).
29	14	31	03.0	41.187 N	21.970 E	5 G		0.2	8 NORTHWESTERN BALKAN REGION. ML 2.4 (THE), 2.0 (SKO).
29	16	14	12.5%	33.597 N	115.918 W	12		5	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
29	16	42	38.4	41.219 N	21.980 E	5 G		0.7	10 NORTHWESTERN BALKAN REGION. ML 2.3 (THE), 2.1 (SKO).
29	18	15	20.6%	32.433 N	114.999 W	6 G		4	W. ARIZONA-SONORA BORDER REGION. <PAS-P>. ML 3.0 (PAS).
29	18	30	08.1	49.119 N	6.921 E	10 G		1.1	14 GERMANY. ML 2.6 (STR).
29	20	00	46.3%	63.273 N	151.004 W	6		23	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC).
29	21	01	58.4%	33.426 S	70.915 W	73 ?		0.2	11 CHILE-ARGENTINA BORDER REGION. MD 3.9 (SAN).
29	21	09	12.3?	7.05 S	131.15 E	109 ?	4.1	1.0	5 TANIMBAR ISLANDS REG., INDONESIA
29	21	24	38.9	39.056 S	174.688 E	236 *		0.3	30 NORTH ISLAND, NEW ZEALAND
29	21	50	42.8%	26.389 S	27.467 E	5 G		1.1	5 REPUBLIC OF SOUTH AFRICA. ML 2.8 (PRE).
29	21	57	03.3*	26.531 S	27.467 E	5 G		0.9	5 REPUBLIC OF SOUTH AFRICA. ML 3.0 (PRE). mbLg 3.0 (BUL).
29	22	02	22.5	51.546 N	16.133 E	10 G		0.5	21 POLAND. ML 3.7 (GRF), 3.5 (VIE).
29	22	21	51.8?	44.30 N	6.85 E	10 G		0.6	8 FRANCE. ML 2.0 (STR).
29	22	25	20.2%	60.922 N	150.124 W	35		87	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.4 (AEIC), 3.4 (PMR).
29	23	00	06.9%	35.927 N	115.701 W	6 G		8	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 2.8 (PAS).
29	23	45	07.3?	17.37 N	77.47 E	10 G	5.0	1.5	26 SOUTHERN INDIA
29	23	54	42.7*	40.421 S	179.454 E	75 ?		0.4	19 OFF E. COAST OF N. ISLAND, N.Z.
30	00	01	54.6%	40.615 N	22.442 E	5 G		0.4	7 GREECE. ML 1.7 (THE).
30	00	16	07.0	11.249 N	57.597 E	10 G	4.7	0.7	14 ARABIAN SEA
a 30	00	29	19.3*	22.013 S	170.547 E	107 *	4.8	1.4	38 LOYALTY ISLANDS REGION. Mw 5.4 (HRV).
30	02	25	56.5?	7.63 S	119.96 E	225 ?	4.8	0.6	8 FLORES SEA
30	03	44	51.2%	61.425 N	150.308 W	43		77	SOUTHERN ALASKA. <AEIC>. ML 2.8 (AEIC).
30	04	27	23.8*	46.198 N	16.327 E	10 G		1.4	8 NORTHWESTERN BALKAN REGION. ML 2.8 (ZAG), 2.4 (VIE). Felt (IV) at Lubbreg, Croatia.
30	05	12	26.3	31.896 S	69.842 W	139 *		0.4	19 SAN JUAN PROVINCE, ARGENTINA. MD 4.2 (SAN).
30	05	34	33.6%	18.160 N	65.815 W	10 G		0.7	7 PUERTO RICO REGION
30	06	47	20.4	52.628 N	173.104 W	108 D	4.6	1.2	51 ANDREANOF ISLANDS, ALEUTIAN IS.
30	08	29	27.6%	42.619 N	18.853 E	10 G		0.2	9 NORTHWESTERN BALKAN REGION
a 30	08	30	33.9	15.437 N	121.785 E	39 D	5.3 5.1	0.9	165 LUZON, PHILIPPINE ISLANDS. Mw 5.5 (HRV).
30	08	50	29.1	31.216 S	69.049 W	147 ?		0.7	17 SAN JUAN PROVINCE, ARGENTINA. MD 4.0 (SAN).
30	09	17	04.9	38.246 N	30.259 E	10 G		0.8	10 TURKEY. ML 3.6 (ISK).
30	09	39	30.2	38.358 N	30.426 E	8	4.1	1.2	54 TURKEY. ML 4.1 (ISK).
30	09	59	03.5%	38.327 N	30.410 E	10 G		0.7	6 TURKEY. ML 3.3 (ISK).

30	10	25	16.4	59.005	N	152.374	W	68					45	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).	
30	10	41	06.1	38.574	N	24.024	E	18		0.9			12	AEGEAN SEA. ML 3.1 (ATH), 3.0 (THE).	
30	11	27	32.6	37.379	N	28.602	E	10	G	0.3			5	TURKEY	
30	11	36	40.2	60.443	N	147.554	W	19					79	SOUTHERN ALASKA. <AEIC>. ML 2.9 (AEIC), 3.1 (PMR).	
30	12	01	36.1	32.47	S	71.55	W	31		0.5			9	NEAR COAST OF CENTRAL CHILE. MD 3.5 (SAN).	
30	12	17	45.4	30.686	N	132.568	E	33	N	4.2			7	SOUTHEAST OF SHIKOKU, JAPAN	
30	12	38	18.1	38.358	N	30.386	E	10	G	0.6			6	TURKEY. ML 3.3 (ISK).	
30	12	40	22.1	38.322	N	30.441	E	10	G	0.7			5	TURKEY. ML 3.3 (ISK).	
30	12	45	35.7	38.32	N	30.45	E	10	G	1.5			4	TURKEY. ML 3.2 (ISK).	
30	12	52	07.6	37.193	N	3.732	W	10	G	0.9			8	SPAIN. mbLg 2.7 (MDD).	
30	13	02	11.5	5.885	S	146.008	E	10	G	3.5			5	EASTERN NEW GUINEA REG., P.N.G.	
30	13	25	04.1	14.16	S	73.07	W	146	?				5	CENTRAL PERU	
a	30	14	04	43.4	19.305	S	176.231	W	17	D	5.3	5.3	1.1	85	FIJI ISLANDS REGION. Mw 5.7 (HRV). Mo=1.2*10**18 Nm (PPT).
	30	14	17	58.0	41.204	N	21.992	E	10	G			0.6	9	NORTHWESTERN BALKAN REGION. ML 2.4 (THE).
	30	14	26	46.7	44.33	N	6.93	W	10	G			0.3	5	NORTH ATLANTIC OCEAN. mbLg 3.0 (MDD).
	30	14	44	21.0	61.323	N	150.212	W	39					88	SOUTHERN ALASKA. <AEIC>. ML 3.2 (AEIC), 3.2 (PMR).
	30	16	31	05.1	63.146	N	151.538	W	11					70	CENTRAL ALASKA. <AEIC>. ML 3.3 (AEIC), 3.7 (PMR).
	30	16	43	45.8	16.720	N	99.087	W	27	*	0.7			7	NEAR COAST OF GUERRERO, MEXICO
	30	17	05	06.7	32.20	S	70.96	W	90	G	0.3			8	CHILE-ARGENTINA BORDER REGION. MD 3.9 (SAN).
	30	17	56	27.8	5.130	S	154.366	E	33	N	5.2		1.0	9	SOLOMON ISLANDS
f	30	17	59	02.7	31.704	S	68.232	W	107	G	5.9		1.0	293	SAN JUAN PROVINCE, ARGENTINA. Mw 5.8 (HRV). mb 6.3 (BRK). Mo=6.8*10**17 Nm (PPT). Felt (VI) in San Juan Province. Also felt in San Luis, Mendoza and Cordoba Provinces. Depth from broadband displacement seismograms.
	30	18	44	12.8	44.515	N	7.044	E	5	G			0.7	8	NORTHERN ITALY. ML 2.3 (GEN).
	30	19	06	23.7	31.70	S	68.35	W	100	G			0.1	4	SAN JUAN PROVINCE, ARGENTINA
	30	19	29	58.2	31.809	S	68.184	W	100	G			0.4	5	SAN JUAN PROVINCE, ARGENTINA
	30	20	28	38.8	26.858	S	26.676	E	5	G			1.4	10	REPUBLIC OF SOUTH AFRICA. ML 3.9 (PRE).
	30	20	40	00.8	38.35	N	30.46	E	5	G			1.0	4	TURKEY. ML 3.2 (ISK).
	30	20	44	49.7	61.635	N	146.564	W	35					80	SOUTHERN ALASKA. <AEIC>. ML 3.2 (AEIC), 3.4 (PMR).
	30	20	50	37.3	31.794	S	68.194	W	100	G			0.6	7	SAN JUAN PROVINCE, ARGENTINA
	30	20	58	00.4	5.048	S	145.052	E	10	G	4.0		1.4	6	EASTERN NEW GUINEA REG., P.N.G.
	30	21	14	20.1	31.79	S	68.22	W	106	?			0.5	6	SAN JUAN PROVINCE, ARGENTINA
	30	21	21	04.1	6.072	S	145.951	E	12		4.4		0.8	17	NEW GUINEA, PAPUA NEW GUINEA
	30	21	34	22.1	40.304	N	29.337	E	10	G			0.3	7	TURKEY. ML 2.7 (ISK).
	30	22	08	17.7	39.723	N	20.477	E	5				0.9	22	GREECE-ALBANIA BORDER REGION. ML 3.1 (TIR), 3.1 (THE). MD 3.3 (ATH).
	30	22	21	42.9	63.129	N	151.469	W	11					46	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
	30	22	25	22.0	40.012	S	174.477	E	152	*			0.4	24	COOK STRAIT, NEW ZEALAND
	30	22	32	54.8	42.612	N	18.859	E	10	G			0.3	9	NORTHWESTERN BALKAN REGION
	30	22	53	17.7	26.916	S	26.732	E	5	G			0.7	5	REPUBLIC OF SOUTH AFRICA. ML 2.7 (PRE).
	30	23	05	53.0	30.405	N	67.651	E	10	G	4.7	4.5	1.2	41	PAKISTAN. Felt (II) in the Quetta area.
	30	23	31	43.5	22.648	S	13.844	W	10	G	4.5		1.1	20	SOUTHERN MID-ATLANTIC RIDGE
a	31	00	38	18.7	10.81	N	70.22	W	33	N			1.5	4	VENEZUELA
	31	00	40	25.1	49.553	S	123.274	E	10	G	5.5	5.0	1.2	76	SOUTH OF AUSTRALIA. Mw 5.4 (HRV).
	31	01	22	01.7	39.940	N	19.739	E	5	G			1.1	8	GREECE-ALBANIA BORDER REGION
	31	01	30	43.0	11.213	N	61.615	W	60	G			1.1	6	WINDWARD ISLANDS. MD 2.7 (TRN).
	31	01	33	48.9	40.58	N	21.42	E	10	G			0.7	4	GREECE
	31	01	36	04.5	5.522	S	144.516	E	33	N			0.9	6	NEW GUINEA, PAPUA NEW GUINEA
	31	01	45	57.7	38.303	N	21.896	E	5	G			1.1	11	GREECE. ML 3.0 (ATH), 2.9 (THE).
	31	01	47	57.4	40.62	N	21.48	E	10	G			0.8	4	GREECE. ML 2.1 (THE).
	31	01	54	39.3	36.72	N	29.10	E	10	G			0.4	4	TURKEY
	31	02	09	26.9	31.727	S	68.162	W	100	?			0.3	7	SAN JUAN PROVINCE, ARGENTINA
	31	04	04	23.3	31.58	S	68.16	W	104	?			0.2	6	SAN JUAN PROVINCE, ARGENTINA
	31	04	08	36.9	38.38	N	30.54	E	10	G			0.1	4	TURKEY. ML 3.1 (ISK).
	31	04	29	19.4	21.291	S	176.725	W	231	D	4.5		1.0	66	FIJI ISLANDS REGION
	31	05	13	06.7	31.698	S	66.500	W	33	N			0.6	5	LA RIOJA PROVINCE, ARGENTINA
	31	05	54	19.3	29.955	N	109.000	W	5	G			0.5	6	SONORA, MEXICO. ML 3.7 (GS).
	31	06	26	11.4	37.10	S	178.27	E	121	*	4.1		1.4	22	OFF E. COAST OF N. ISLAND, N.Z.
	31	07	03	42.7	31.769	S	68.291	W	113		4.5		0.9	52	SAN JUAN PROVINCE, ARGENTINA. MD 4.8 (SAN).
	31	07	36	58.6	23.733	S	177.123	W	115	D	5.1		1.2	62	SOUTH OF FIJI ISLANDS
	31	09	02	20.7	58.096	N	142.853	W	10	G			0.4	29	GULF OF ALASKA. ML 2.7 (AEIC).
	31	10	15	20.7	51.531	N	16.193	E	5	G			0.4	11	POLAND. ML 3.3 (GRF), 2.8 (VIE).
	31	10	37	26.6	47.648	N	6.708	E	10	G			0.9	8	FRANCE. ML 2.2 (STR).
	31	10	43	03.0	28.96	S	69.09	W	110	G			0.8	7	CHILE-ARGENTINA BORDER REGION
	31	10	54	46.9	41.658	N	19.408	E	10	G			0.9	13	ALBANIA. ML 2.4 (TIR).
	31	10	59	53.0	5.732	S	145.966	E	10	G	5.1	5.0	1.0	86	EASTERN NEW GUINEA REG., P.N.G. ML 5.4 (PMG).
	31	11	09	50.9	43.070	N	0.648	W	10	G			0.3	7	PYRENEES. ML 1.0 (STR).
	31	11	27	07.0	39.285	S	174.981	E	27				0.4	19	NORTH ISLAND, NEW ZEALAND. ML 3.8 (WEL).
	31	11	30	02.3	5.814	S	145.890	E	10	G	3.5		0.1	5	EASTERN NEW GUINEA REG., P.N.G.
	31	12	07	12.1	63.005	N	151.157	W	133		4.1			102	CENTRAL ALASKA. <AEIC>. Felt (III) at Skwentna.
	31	12	31	42.3	31.09	S	68.52	W	100	G			0.4	4	SAN JUAN PROVINCE, ARGENTINA
	31	12	41	31.7	3.348	N	122.729	E	562		4.9		0.8	34	CELEBES SEA
	31	13	23	50.4	7.406	S	146.581	E	10	G	3.9		1.0	5	EASTERN NEW GUINEA REG., P.N.G. ML 4.1 (PMG).
	31	14	07	33.0	45.86	N	14.52	E	10	G			0.2	4	NORTHWESTERN BALKAN REGION. MD 2.1 (LJU).
	31	14	18	03.3	31.76	S	68.35	W	100	G			0.1	4	SAN JUAN PROVINCE, ARGENTINA
	31	14	38	10.2	5.842	S	145.871	E	10	G	4.2		0.7	6	EASTERN NEW GUINEA REG., P.N.G.
	31	16	13	40.9	32.60	S	71.62	W	24				0.3	9	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	31	16	58	26.2	10.031	N	126.172	E	64	*	4.4		1.2	10	PHILIPPINE ISLANDS REGION
	31	16	59	45.7	45.648	N	26.530	E	130	G			0.9	6	ROMANIA
	31	17	02	54.8	4.647	N	125.783	E	190		5.1		1.2	63	TALAUD ISLANDS, INDONESIA
	31	17	04	08.0	5.733	S	145.906	E	10	G	4.1		0.9	12	EASTERN NEW GUINEA REG., P.N.G.
	31	17	08	47.6	38.487	N	21.426	E	5	G			0.8	13	GREECE. ML 3.3 (TIR), 3.1 (THE), 3.0 (ATH).
	31	17	57	15.6	26.91	S	26.72	E	5	G			1.6	4	REPUBLIC OF SOUTH AFRICA. ML 2.5 (PRE).
	31	18	31	23.7	36.295	N	120.427	W	10					70	CENTRAL CALIFORNIA. <GM-P>. MD 3.6 (GM). ML 3.7 (GS), 3.3 (BRK), 3.1 (PAS). Felt (IV) at Coalinga and (II) at Reedley.
	31	19	59	27.7	5.796	S	145.833	E	10	G	3.9		0.8	6	EASTERN NEW GUINEA REG., P.N.G.
	31	20	30	14.2	6.128	S	146.283	E	33	N	3.7		1.0	5	EASTERN NEW GUINEA REG., P.N.G.
	31	22	03	41.5	31.583	S	67.274	W	29	*			1.5	6	SAN JUAN PROVINCE, ARGENTINA
	31	22	32	39.1	40.640	N	19.134	E	31				1.0	65	ALBANIA. ML 3.9 (ATH), 3.8 (TIR), 3.7 (ROM), 3.7 (THE).

31 22 44 37.8& 63.282 N 151.111 W 10
31 22 55 16.1? 31.83 S 68.26 W 100 G

Felt (IV) in the Vlore region.
39 CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC).
0.3 4 SAN JUAN PROVINCE, ARGENTINA

ADDITIONAL SOURCE PARAMETERS

02 00 06 01.49 24.038S 64.462W 21km
5.2mb (35 obs.) 5.7MsZ (2 obs.)
SALTA PROVINCE, ARGENTINA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 25S, 36C
Centroid Location:
Origin Time 00:06:10.4 0.4
Lat 24.06S 0.05 Lon 64.57W 0.05
Dep 22.0 FIX Half-duration 1.4
Principal Axes:
Scale 10**17 Nm
T Val= 1.01 Plg=24 Azm=197
N 0.51 56 328
P -1.51 23 96
Best Double Couple:Mo=1.3*10**17
NP1:Strike=237 Dip=56 Slip= 179
NP2: 327 89 34

02 08 42 32.71 38.190N 88.663E 14km
6.2mb (181 obs.) 6.3MsZ (54 obs.)
SOUTHERN XINJIANG, CHINA
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=315 Dip=45 Slip= 115
NP2: 102 50 67
Principal Axes:
T Plg=72 Azm=306
P 3 208
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting with a moderate right-lateral strike-slip component. The preferred fault plane is NP2.

RADIATED ENERGY

No. of sta: 8 Focal mech. F
Energy 2.5±0.6*10**13 Nm

MOMENT TENSOR SOLUTION

Dep 12 No. of sta: 11
Principal Axes:

Scale 10**18 Nm
T Val= 1.32 Plg=69 Azm=310
N 0.04 19 108
P -1.36 7 201

Best Double Couple:Mo=1.3*10**18
NP1:Strike=311 Dip=42 Slip= 120
NP2: 94 55 66

CENTROID, MOMENT TENSOR (HRV)

Data Used: GDSN

L.P.B.: 42S, 90C M.W.: 27S, 41C

Centroid Location:

Origin Time 08:42:38.8 0.2

Lat 38.16N 0.01 Lon 88.82E 0.02

Dep 15.0 BDY Half-duration 2.6

Principal Axes:

Scale 10**18 Nm
T Val= 1.75 Plg=52 Azm=309
N -0.22 34 98
P -1.53 15 198

Best Double Couple:Mo=1.6*10**18
NP1:Strike=326 Dip=42 Slip= 146
NP2: 82 68 53

02 15 54 05.52 37.552N 140.459E 102km
5.0mb (59 obs.)
EASTERN HONSHU, JAPAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 13C
Centroid Location:
Origin Time 15:54: 9.7 1.2
Lat 37.56N 0.13 Lon 140.52E 0.10
Dep 105.811.0 Half-duration 1.1
Principal Axes:
Scale 10**16 Nm
T Val= 4.22 Plg=59 Azm=152
N -0.85 31 326
P -3.37 2 57
Best Double Couple:Mo=3.8*10**16
NP1:Strike=175 Dip=50 Slip= 131
NP2: 301 55 51

02 16 02 00.71 3.444S 148.805E 37km
5.2mb (40 obs.) 5.9MsZ (49 obs.)
BISMARCK SEA

CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 47S, **C
Centroid Location:
Origin Time 16:02: 2.5 0.2
Lat 3.24S 0.02 Lon 149.09E 0.02
Dep 15.0 FIX Half-duration 2.5
Principal Axes:
Scale 10**17 Nm
T Val= 11.75 Plg= 3 Azm=332
N -0.20 79 77
P -11.55 10 242
Best Double Couple:Mo=1.2*10**18
NP1:Strike= 18 Dip=81 Slip=-175
NP2: 287 85 -9

04 00 48 25.26 19.154N 121.236E 64km
4.8mb (19 obs.)
PHILIPPINE ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 29S, 41C
Centroid Location:
Origin Time 00:48:24.7 0.5
Lat 19.62N 0.04 Lon 121.51E 0.05
Dep 67.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 6.74 Plg=72 Azm=141
N 1.63 4 40
P -8.37 18 309
Best Double Couple:Mo=7.6*10**16
NP1:Strike= 33 Dip=27 Slip= 82
NP2: 222 63 94

04 06 39 16.12 30.599N 137.671E 480km
5.3mb (128 obs.)
SOUTH OF HONSHU, JAPAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 40S, 79C
Centroid Location:
Origin Time 06:39:19.7 0.2
Lat 30.70N 0.02 Lon 137.93E 0.03
Dep 487.5 1.3 Half-duration 1.9
Principal Axes:
Scale 10**17 Nm
T Val= 4.98 Plg= 2 Azm=346
N -0.12 37 78
P -4.86 53 254
Best Double Couple:Mo=4.9*10**17
NP1:Strike= 45 Dip=54 Slip=-138
NP2: 287 57 -44

04 20 54 38.34 21.437S 174.301W 34km
5.8mb (65 obs.) 5.7MsZ (61 obs.)
TONGA ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 20 Dip=78 Slip= 90
NP2: 200 12 90
Principal Axes:
T Plg=57 Azm=290
P 33 110

Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.

MOMENT TENSOR SOLUTION

Dep 4 No. of sta: 18

Principal Axes:

Scale 10**18 Nm
T Val= 1.01 Plg=68 Azm=279
N 0.25 3 17
P -1.27 22 108

Best Double Couple:Mo=1.1*10**18
NP1:Strike=205 Dip=23 Slip= 98
NP2: 16 67 86

CENTROID, MOMENT TENSOR (HRV)

Data Used: GDSN

L.P.B.: 42S, 85C

Centroid Location:

Origin Time 20:54:38.0 0.3

Lat 21.69S 0.03 Lon 173.22W 0.03

Dep 15.0 FIX Half-duration 1.6

Principal Axes:

Scale 10**17 Nm
T Val= 3.07 Plg=76 Azm=304
N 0.63 1 209
P -3.70 14 118
Best Double Couple:Mo=3.4*10**17
NP1:Strike=207 Dip=32 Slip= 88
NP2: 29 59 91

05 05 09 45.76 6.130S 128.965E 13km
5.9mb (89 obs.) 6.1MsZ (49 obs.)
BANDA SEA
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=150 Dip=85 Slip=-165
NP2: 59 75 -5
Principal Axes:

T Plg= 7 Azm=283
P 14 15

Comment: The focal mechanism is moderately well controlled and corresponds to strike-slip faulting with a small normal component. The preferred fault plane is not determined.

RADIATED ENERGY

No. of sta: 7 Focal mech. F
Energy 8.0±2.8*10**13 Nm

MOMENT TENSOR SOLUTION

Dep 34 No. of sta: 12
Principal Axes:

Scale 10**18 Nm
T Val= 8.88 Plg= 1 Azm=274
N -0.18 89 123
P -8.70 0 4

Best Double Couple:Mo=8.8*10**18
NP1:Strike= 49 Dip=89 Slip= 0
NP2: 319 90 179

CENTROID, MOMENT TENSOR (HRV)

Data Used: GDSN

L.P.B.: 45S, **C M.W.: 37S, 62C

Centroid Location:

Origin Time 05:09:52.8 0.1

Lat 6.02S 0.01 Lon 128.93E 0.01

Dep 31.2 0.9 Half-duration 3.8

Principal Axes:

Scale 10**18 Nm
T Val= 4.00 Plg= 6 Azm=101
N 0.06 84 249
P -4.06 3 10

Best Double Couple:Mo=4.0*10**18
NP1:Strike=145 Dip=84 Slip= 178
NP2: 236 88 6

05 15 25 22.98 40.200S 78.227E 10km
5.0mb (9 obs.) 5.3MsZ (1 obs.)
MID-INDIAN RIDGE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 23C
Centroid Location:
Origin Time 15:25:27.5 0.6
Lat 39.95S 0.12 Lon 78.06E 0.10
Dep 15.0 FIX Half-duration 1.2
Principal Axes:
Scale 10**16 Nm
T Val= 10.22 Plg=21 Azm=277
N 0.74 60 146
P -10.96 21 15
Best Double Couple:Mo=1.1*10**17
NP1:Strike= 56 Dip=60 Slip= 0
NP2: 146 90 -150

05 21 28 06.40 77.727N 126.454E 33km
5.0mb (68 obs.)
LAPTEV SEA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 21C
Centroid Location:
Origin Time 21:28: 6.0 0.8
Lat 78.32N 0.08 Lon 125.93E 0.33
Dep 15.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 8.24 Plg=13 Azm=284
N -1.72 14 191

P -6.53 71 55
Best Double Couple:Mo=7.4*10**16
NP1:Strike= 32 Dip=35 Slip= -65
NP2: 183 59 -106

06 09 18 44.63 4.083S 129.668E 28km
5.1mb (20 obs.)
BANDA SEA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 10S, 13C
Centroid Location:
Origin Time 09:18:46.2 1.4
Lat 4.20S 0.13 Lon 129.38E 0.24
Dep 15.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 2.15 Plg=68 Azm= 97
N 1.14 22 283
P -3.29 2 193
Best Double Couple:Mo=2.7*10**16
NP1:Strike=261 Dip=47 Slip= 59
NP2: 123 51 119

07 16 35 49.53 14.117S 75.779W 45km
5.5mb (39 obs.)
NEAR COAST OF PERU
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 17S, 23C
Centroid Location:
Origin Time 16:35:54.4 0.5
Lat 13.51S 0.05 Lon 75.48W 0.11
Dep 54.1 7.6 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 12.01 Plg=36 Azm=264
N 1.39 33 146
P -13.40 37 27
Best Double Couple:Mo=1.3*10**17
NP1:Strike= 55 Dip=33 Slip= -1
NP2: 146 89 -123

08 05 16 10.17 5.567N 126.517E 92km
5.3mb (62 obs.)
MINDANAO, PHILIPPINE ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 29S, 41C
Centroid Location:
Origin Time 05:16: 8.1 0.5
Lat 5.80N 0.05 Lon 127.36E 0.06
Dep 71.8 4.0 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 7.50 Plg=51 Azm=234
N 2.01 37 36
P -9.51 9 133
Best Double Couple:Mo=8.5*10**16
NP1:Strike=258 Dip=49 Slip= 144
NP2: 14 64 47

08 06 36 17.64 35.903S 102.778W 10km
5.3mb (3 obs.) 5.5MsZ (2 obs.)
SOUTHERN PACIFIC OCEAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 51S, **C
Centroid Location:
Origin Time 06:36:24.9 0.1
Lat 35.99S 0.02 Lon 102.70W 0.02
Dep 15.0 FIX Half-duration 1.9
Principal Axes:
Scale 10**17 Nm
T Val= 5.24 Plg=15 Azm= 52
N -0.46 74 221
P -4.79 3 321
Best Double Couple:Mo=5.0*10**17
NP1:Strike= 96 Dip=77 Slip= 171
NP2: 188 81 13

10 11 44 06.77 10.895S 164.520E 32km
5.1mb (28 obs.) 4.9MsZ (27 obs.)
SANTA CRUZ ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 36S, 66C
Centroid Location:
Origin Time 11:44: 7.8 0.3
Lat 10.71S 0.04 Lon 164.61E 0.03
Dep 15.0 FIX Half-duration 1.1
Principal Axes:
Scale 10**17 Nm

T Val= 1.43 Plg=63 Azm= 9
N -0.10 2 104
P -1.33 27 195
Best Double Couple:Mo=1.4*10**17
NP1:Strike=291 Dip=18 Slip= 98
NP2: 103 72 87

10 13 42 17.14 14.159S 75.995W 49km
5.0mb (14 obs.)
NEAR COAST OF PERU
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 22S, 30C
Centroid Location:
Origin Time 13:42:19.4 0.7
Lat 13.86S 0.06 Lon 75.98W 0.09
Dep 49.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 6.63 Plg=65 Azm=232
N -1.85 11 347
P -4.77 23 81
Best Double Couple:Mo=5.7*10**16
NP1:Strike=192 Dip=25 Slip= 118
NP2: 342 68 78

11 11 16 18.47 4.544S 153.316E 30km
5.4mb (49 obs.) 5.0MsZ (15 obs.)
NEW IRELAND REGION, P.N.G.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 38S, 70C
Centroid Location:
Origin Time 11:16:27.4 0.3
Lat 4.29S 0.03 Lon 153.36E 0.03
Dep 15.0 FIX Half-duration 1.4
Principal Axes:
Scale 10**17 Nm
T Val= 2.31 Plg=42 Azm=347
N 0.23 40 207
P -2.53 22 97
Best Double Couple:Mo=2.4*10**17
NP1:Strike=141 Dip=43 Slip= 18
NP2: 38 78 131

11 13 07 29.56 17.845S 178.726W 555km
5.8mb (95 obs.)
FIJI ISLANDS REGION
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=300 Dip=90 Slip= -50
NP2: 30 40 -180
Principal Axes:
T Plg=33 Azm=357
P 33 243
Comment: The focal mechanism is moderately well controlled and corresponds to normal faulting with a large strike-slip component. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 13 Focal mech. F
Energy 4.3*0.7*10**12 Nm
MOMENT TENSOR SOLUTION
Dep 557 No. of sta: 17
Principal Axes:
Scale 10**18 Nm
T Val= 1.31 Plg=32 Azm=358
N 0.00 46 127
P -1.30 27 249
Best Double Couple:Mo=1.3*10**18
NP1:Strike= 32 Dip=46 Slip= 176
NP2: 124 87 44
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 50S, **C
Centroid Location:
Origin Time 13:07:36.5 0.2
Lat 17.50S 0.02 Lon 178.62W 0.01
Dep 572.3 1.0 Half-duration 2.4
Principal Axes:
Scale 10**17 Nm
T Val= 12.03 Plg=32 Azm=353
N -0.02 45 121
P -12.01 28 243
Best Double Couple:Mo=1.2*10**18
NP1:Strike= 27 Dip=45 Slip= 177
NP2: 119 88 45

11 15 54 21.24 32.020N 137.832E 351km
6.4mb (168 obs.)
SOUTH OF HONSHU, JAPAN

FAULT PLANE SOLUTION: P-Waves
NP1:Strike=359 Dip=90 Slip=-110
NP2: 269 20 -360
Principal Axes:
T Plg=42 Azm=108
P 42 250
Comment: The focal mechanism is poorly controlled and corresponds to normal faulting with a moderate strike-slip component. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 16 Focal mech. F
Energy 1.0*0.2*10**14 Nm
MOMENT TENSOR SOLUTION
Dep 361 No. of sta: 12
Principal Axes:
Scale 10**19 Nm
T Val= 2.00 Plg=45 Azm= 78
N 0.06 10 179
P -2.06 43 279
Best Double Couple:Mo=2.0*10**19
NP1:Strike= 81 Dip=11 Slip= 172
NP2: 179 89 80
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 49S, **C M.W.: 43S, 95C
Centroid Location:
Origin Time 15:54:27.7 0.1
Lat 32.12N 0.01 Lon 138.02E 0.01
Dep 364.5 0.4 Half-duration 6.8
Principal Axes:
Scale 10**19 Nm
T Val= 2.42 Plg=44 Azm= 83
N 0.07 9 182
P -2.48 44 281
Best Double Couple:Mo=2.5*10**19
NP1:Strike= 93 Dip= 9 Slip=-179
NP2: 2 90 -81

12 19 51 25.36 4.196N 76.638W 103km
5.5mb (114 obs.)
COLOMBIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 31S, 39C
Centroid Location:
Origin Time 19:51:29.9 0.6
Lat 4.15N 0.05 Lon 76.98W 0.05
Dep 90.4 3.1 Half-duration 1.2
Principal Axes:
Scale 10**16 Nm
T Val= 7.90 Plg=81 Azm= 53
N -0.71 9 244
P -7.19 2 154
Best Double Couple:Mo=7.5*10**16
NP1:Strike=234 Dip=44 Slip= 77
NP2: 73 47 103

12 21 04 52.45 13.048N 51.063E 10km
5.0mb (36 obs.) 4.8MsZ (6 obs.)
EASTERN GULF OF ADEN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 19S, 36C
Centroid Location:
Origin Time 21:04:52.7 0.4
Lat 13.48N 0.07 Lon 50.29E 0.06
Dep 15.0 FIX Half-duration 1.1
Principal Axes:
Scale 10**16 Nm
T Val= 7.86 Plg=14 Azm= 18
N -2.11 24 281
P -5.74 62 136
Best Double Couple:Mo=6.8*10**16
NP1:Strike=137 Dip=37 Slip= -48
NP2: 269 63 -117

13 00 52 33.63 7.576N 121.484E 44km
5.3mb (57 obs.) 4.8MsZ (19 obs.)
MINDANAO, PHILIPPINE ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 42S, 72C
Centroid Location:
Origin Time 00:52:35.1 0.3
Lat 7.63N 0.03 Lon 121.54E 0.03
Dep 38.2 2.1 Half-duration 1.5
Principal Axes:
Scale 10**17 Nm
T Val= 2.08 Plg=63 Azm=212

N 0.05 22 354
P -2.13 15 90
Best Double Couple:Mo=2.1*10**17
NP1:Strike=208 Dip=36 Slip= 130
NP2: 342 64 65

13 02 06 00.34 5.889S 146.020E 25km
6.4mb (92 obs.) 7.0Msz (63 obs.)
EASTERN NEW GUINEA REG., P.N.G.
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=110 Dip=80 Slip= 90
NP2: 290 10 90
Principal Axes:
T Plg=55 Azm= 20
P 35 200
Comment: The focal mechanism is
poorly controlled and
corresponds to reverse
faulting. The preferred fault
plane is NP2.
RADIATED ENERGY
No. of sta: 19 Focal mech. F
Energy 2.7±0.6*10**14 Nm
MOMENT TENSOR SOLUTION
Dep 21 No. of sta: 21
Principal Axes:
Scale 10**18 Nm
T Val= 9.76 Plg=51 Azm= 17
N -3.38 5 112
P -6.39 39 206
Best Double Couple:Mo=8.1*10**18
NP1:Strike=329 Dip= 7 Slip= 127
NP2: 112 84 85
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 57S, **C M.W.: 48S, **C
Centroid Location:
Origin Time 02:06: 8.8 0.1
Lat 6.04S 0.01 Lon 146.11E 0.01
Dep 15.0 FIX Half-duration 7.0
Principal Axes:
Scale 10**19 Nm
T Val= 2.46 Plg=52 Azm= 17
N 0.08 3 110
P -2.54 38 202
Best Double Couple:Mo=2.5*10**19
NP1:Strike=310 Dip= 8 Slip= 110
NP2: 110 83 87

13 03 07 30.99 5.932S 146.153E 33km
6.1mb (90 obs.) 6.7Msz (50 obs.)
EASTERN NEW GUINEA REG., P.N.G.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 50S, **C M.W.: 36S, 63C
Centroid Location:
Origin Time 03:07:37.0 0.2
Lat 6.08S 0.02 Lon 146.08E 0.02
Dep 24.4 1.0 Half-duration 4.3
Principal Axes:
Scale 10**18 Nm
T Val= 6.98 Plg=55 Azm= 21
N 0.50 3 287
P -7.48 35 195
Best Double Couple:Mo=7.2*10**18
NP1:Strike=272 Dip=11 Slip= 75
NP2: 107 80 93

13 05 50 42.58 6.013S 146.061E 33km
5.7mb (73 obs.) 5.7Msz (43 obs.)
EASTERN NEW GUINEA REG., P.N.G.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 22S, 33C
Centroid Location:
Origin Time 05:50:45.8 0.9
Lat 5.79S 0.12 Lon 146.37E 0.09
Dep 15.0 FIX Half-duration 2.0
Principal Axes:
Scale 10**18 Nm
T Val= 1.16 Plg=44 Azm= 23
N 0.22 6 287
P -1.38 46 191
Best Double Couple:Mo=1.3*10**18
NP1:Strike=186 Dip= 6 Slip= -11
NP2: 287 89 -96

14 06 04 47.03 14.397N 93.159W 33km
4.9mb (28 obs.) 4.9Msz (1 obs.)
NEAR COAST OF CHIAPAS, MEXICO
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 28S, 42C

Centroid Location:
Origin Time 06:04:46.1 0.5
Lat 14.14N 0.07 Lon 93.24W 0.06
Dep 15.0 FIX Half-duration 1.3
Principal Axes:
Scale 10**16 Nm
T Val= 10.70 Plg=65 Azm= 26
N -0.74 1 295
P -9.96 25 204
Best Double Couple:Mo=1.0*10**17
NP1:Strike=293 Dip=20 Slip= 88
NP2: 115 70 91

14 12 02 35.56 50.436S 139.904E 10km
5.4mb (26 obs.) 5.7Msz (15 obs.)
SOUTH OF AUSTRALIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 51S, **C
Centroid Location:
Origin Time 12:02:42.9 0.2
Lat 50.28S 0.02 Lon 139.35E 0.03
Dep 15.0 BDY Half-duration 2.3
Principal Axes:
Scale 10**17 Nm
T Val= 9.26 Plg= 4 Azm= 42
N 0.57 71 301
P -9.83 19 133
Best Double Couple:Mo=9.5*10**17
NP1:Strike=176 Dip=74 Slip= -11
NP2: 269 80 -164

16 03 05 30.30 5.898S 146.202E 27km
6.2mb (103 obs.) 6.4Msz (56 obs.)
EASTERN NEW GUINEA REG., P.N.G.
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=110 Dip=50 Slip= 90
NP2: 290 40 90
Principal Axes:
T Plg=85 Azm= 20
P 5 200
Comment: The focal mechanism is
poorly controlled and
corresponds to reverse
faulting. The preferred fault
plane is NP1.
RADIATED ENERGY
No. of sta: 8 Focal mech. F
Energy 4.7±1.2*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 33 No. of sta: 5
Principal Axes:
Scale 10**18 Nm
T Val= 3.25 Plg=82 Azm=159
N -0.17 5 284
P -3.08 7 15
Best Double Couple:Mo=3.2*10**18
NP1:Strike=110 Dip=39 Slip= 97
NP2: 281 52 84
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 55S, **C M.W.: 34S, 60C
Centroid Location:
Origin Time 03:05:35.9 0.1
Lat 5.97S 0.01 Lon 146.13E 0.01
Dep 32.9 BDY Half-duration 3.9
Principal Axes:
Scale 10**18 Nm
T Val= 2.89 Plg=66 Azm= 98
N 0.17 24 289
P -3.06 4 197
Best Double Couple:Mo=3.0*10**18
NP1:Strike=264 Dip=46 Slip= 56
NP2: 128 54 120

16 10 52 25.90 7.472N 123.447E 31km
5.5mb (53 obs.) 5.4Msz (34 obs.)
MINDANAO, PHILIPPINE ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 43S, 94C
Centroid Location:
Origin Time 10:52:30.3 0.2
Lat 7.72N 0.02 Lon 123.26E 0.03
Dep 15.0 FIX Half-duration 1.9
Principal Axes:
Scale 10**17 Nm
T Val= 5.44 Plg=53 Azm=184
N 1.09 33 331
P -6.53 16 72
Best Double Couple:Mo=6.0*10**17
NP1:Strike=199 Dip=41 Slip= 146
NP2: 317 68 55

17 03 18 22.65 10.989S 163.268E 30km
5.2mb (30 obs.) 4.9Msz (9 obs.)
SOLOMON ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 38S, 65C
Centroid Location:
Origin Time 03:18:23.6 0.5
Lat 10.80S 0.05 Lon 163.41E 0.04
Dep 16.3 2.0 Half-duration 1.2
Principal Axes:
Scale 10**17 Nm
T Val= 1.91 Plg=63 Azm=351
N -0.20 0 261
P -1.71 27 170
Best Double Couple:Mo=1.8*10**17
NP1:Strike=260 Dip=18 Slip= 90
NP2: 81 72 90

17 15 42 39.49 10.989S 164.576E 33km
4.9mb (17 obs.) 4.6Msz (5 obs.)
SANTA CRUZ ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 27S, 39C
Centroid Location:
Origin Time 15:42:43.8 0.8
Lat 10.43S 0.07 Lon 164.38E 0.08
Dep 15.0 FIX Half-duration 1.1
Principal Axes:
Scale 10**17 Nm
T Val= 1.23 Plg=60 Azm= 1
N -0.15 1 269
P -1.09 30 178
Best Double Couple:Mo=1.2*10**17
NP1:Strike=264 Dip=15 Slip= 85
NP2: 89 75 91

18 21 43 09.37 33.129S 177.820W 33km
5.4mb (12 obs.) 5.0Msz (3 obs.)
SOUTH OF KERMADEC ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 27C
Centroid Location:
Origin Time 21:43:15.7 0.7
Lat 32.39S 0.06 Lon 177.64W 0.06
Dep 33.4 4.6 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 9.53 Plg= 6 Azm=282
N -2.70 17 190
P -6.83 72 30
Best Double Couple:Mo=8.2*10**16
NP1:Strike= 30 Dip=42 Slip= -64
NP2: 177 53 -111

19 04 02 21.90 22.378S 65.971W 272km
5.9mb (107 obs.)
JUJUY PROVINCE, ARGENTINA
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=175 Dip=85 Slip= 90
NP2: 355 5 90
Principal Axes:
T Plg=50 Azm= 85
P 40 265
Comment: The focal mechanism is
poorly controlled and
corresponds to reverse
faulting. The preferred fault
plane is NP2.
RADIATED ENERGY
No. of sta: 6 Focal mech. M
Energy 4.0±0.8*10**12 Nm
MOMENT TENSOR SOLUTION
Dep 278 No. of sta: 12
Principal Axes:
Scale 10**18 Nm
T Val= 1.07 Plg=47 Azm= 97
N -0.04 16 350
P -1.03 39 246
Best Double Couple:Mo=1.0*10**18
NP1:Strike=274 Dip=16 Slip= 14
NP2: 171 86 106
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 48S, **C
Centroid Location:
Origin Time 04:02:30.3 0.1
Lat 22.12S 0.02 Lon 65.69W 0.02
Dep 278.9 0.6 Half-duration 2.6
Principal Axes:
Scale 10**18 Nm

T Val= 1.29 Plg=44 Azm= 90
 N -0.07 5 355
 P -1.23 46 259
 Best Double Couple:Mo=1.3*10**18
 NP1:Strike=252 Dip= 5 Slip= -12
 NP2: 355 89 -95

19 09 47 12.36 5.163S 151.901E 44km
 5.3mb (15 obs.) 5.0Msz (10 obs.)
 NEW BRITAIN REGION, P.N.G.
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 44S, 85C
 Centroid Location:
 Origin Time 09:47:19.7 0.3
 Lat 5.20S 0.03 Lon 152.02E 0.03
 Dep 27.0 1.9 Half-duration 1.3
 Principal Axes:
 Scale 10**17 Nm
 T Val= 2.13 Plg=65 Azm=356
 N 0.01 8 249
 P -2.13 24 156
 Best Double Couple:Mo=2.1*10**17
 NP1:Strike=230 Dip=22 Slip= 69
 NP2: 72 69 98

21 07 36 55.81 56.497S 138.909W 10km
 5.4mb (8 obs.) 5.4Msz (2 obs.)
 PACIFIC-ANTARCTIC RIDGE
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 49S, 89C
 Centroid Location:
 Origin Time 07:37: 0.5 0.2
 Lat 56.58S 0.03 Lon 138.87W 0.04
 Dep 15.0 FIX Half-duration 1.6
 Principal Axes:
 Scale 10**17 Nm
 T Val= 3.21 Plg= 1 Azm=341
 N -0.39 86 90
 P -2.82 4 251
 Best Double Couple:Mo=3.0*10**17
 NP1:Strike= 26 Dip=87 Slip=-178
 NP2: 296 88 -3

21 21 52 20.39 30.154N 51.235E 15km
 5.2mb (108 obs.)
 NORTHERN IRAN
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 13S, 22C
 Centroid Location:
 Origin Time 21:52:27.3 0.7
 Lat 30.36N 0.10 Lon 50.95E 0.19
 Dep 15.0 FIX Half-duration 1.0
 Principal Axes:
 Scale 10**16 Nm
 T Val= 3.60 Plg=81 Azm=127
 N -0.02 7 277
 P -3.58 4 7
 Best Double Couple:Mo=3.6*10**16
 NP1:Strike=105 Dip=41 Slip= 101
 NP2: 271 50 80

22 05 38 54.74 52.729S 27.089E 10km
 5.2mb (28 obs.) 4.9Msz (11 obs.)
 SOUTH OF AFRICA
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 22S, 30C
 Centroid Location:
 Origin Time 05:39: 2.3 0.6
 Lat 52.49S 0.09 Lon 26.77E 0.12
 Dep 15.0 FIX Half-duration 1.0
 Principal Axes:
 Scale 10**16 Nm
 T Val= 10.22 Plg=25 Azm= 30
 N -0.29 15 127
 P -9.93 61 245
 Best Double Couple:Mo=1.0*10**17
 NP1:Strike= 91 Dip=24 Slip=-129
 NP2: 312 71 -74

22 08 19 27.08 10.483S 161.359E 67km
 5.0mb (26 obs.)
 SOLOMON ISLANDS
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 33S, 49C
 Centroid Location:
 Origin Time 08:19:29.9 0.4
 Lat 10.58S 0.04 Lon 161.50E 0.04
 Dep 56.9 3.5 Half-duration 1.2

Principal Axes:
 Scale 10**16 Nm
 T Val= 13.33 Plg=45 Azm=114
 N -2.51 39 256
 P -10.83 20 3
 Best Double Couple:Mo=1.2*10**17
 NP1:Strike=137 Dip=42 Slip= 158
 NP2: 244 75 50

22 08 42 16.55 54.835S 26.557W 33km
 5.5mb (34 obs.) 5.5Msz (39 obs.)
 SOUTH SANDWICH ISLANDS REGION
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 41S, 79C
 Centroid Location:
 Origin Time 08:42:16.7 0.2
 Lat 54.77S 0.02 Lon 26.16W 0.06
 Dep 15.0 BDY Half-duration 1.7
 Principal Axes:
 Scale 10**17 Nm
 T Val= 4.46 Plg=13 Azm=190
 N -0.91 15 97
 P -3.56 70 320
 Best Double Couple:Mo=4.0*10**17
 NP1:Strike=299 Dip=35 Slip= -63
 NP2: 88 59 -107

23 07 22 31.33 1.873N 122.435E 53km
 5.1mb (43 obs.)
 MINAHASSA PENINSULA, SULAWESI
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 43S, 68C
 Centroid Location:
 Origin Time 07:22:33.4 0.3
 Lat 2.11N 0.02 Lon 122.43E 0.04
 Dep 47.9 2.6 Half-duration 1.1
 Principal Axes:
 Scale 10**16 Nm
 T Val= 9.06 Plg=77 Azm=148
 N 0.52 7 269
 P -9.57 11 0
 Best Double Couple:Mo=9.3*10**16
 NP1:Strike= 98 Dip=35 Slip= 102
 NP2: 264 56 82

23 18 45 54.12 40.404N 126.359W 10km
 5.1mb (62 obs.) 5.0Msz (14 obs.)
 OFF COAST OF NORTHERN CALIFORNIA
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 25S, 43C
 Centroid Location:
 Origin Time 18:45:56.0 0.4
 Lat 40.54N 0.04 Lon 126.58W 0.05
 Dep 15.0 FIX Half-duration 1.2
 Principal Axes:
 Scale 10**17 Nm
 T Val= 1.37 Plg=15 Azm= 76
 N 0.03 67 309
 P -1.40 18 171
 Best Double Couple:Mo=1.4*10**17
 NP1:Strike=213 Dip=67 Slip= -2
 NP2: 304 88 -157

24 05 53 29.69 11.327N 125.396E 49km
 5.8mb (117 obs.) 5.2Msz (49 obs.)
 SAMAR, PHILIPPINE ISLANDS
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 46S, 97C
 Centroid Location:
 Origin Time 05:53:34.2 0.2
 Lat 11.41N 0.02 Lon 125.78E 0.02
 Dep 47.2 1.8 Half-duration 1.6
 Principal Axes:
 Scale 10**17 Nm
 T Val= 3.28 Plg=68 Azm=315
 N -0.12 15 184
 P -3.15 16 90
 Best Double Couple:Mo=3.2*10**17
 NP1:Strike=159 Dip=32 Slip= 61
 NP2: 12 62 107

24 07 52 15.63 16.755N 98.717W 21km
 6.3mb (128 obs.) 6.7Msz (65 obs.)
 NEAR COAST OF GUERRERO, MEXICO
 FAULT PLANE SOLUTION: P-Waves
 NP1:Strike=123 Dip=75 Slip= 90
 NP2: 303 15 90
 Principal Axes:
 T Plg=60 Azm= 33

P 30 213
 Comment: The focal mechanism is
 poorly controlled and
 corresponds to reverse
 faulting. The preferred fault
 plane is NP2.
 RADIATED ENERGY
 No. of sta: 16 Focal mech. F
 Energy 1.1±0.2*10**14 Nm
 MOMENT TENSOR SOLUTION
 Dep 21 No. of sta: 13
 Principal Axes:
 Scale 10**19 Nm
 T Val= 1.32 Plg=50 Azm= 45
 N -0.21 10 303
 P -1.10 38 206
 Best Double Couple:Mo=1.2*10**19
 NP1:Strike=245 Dip=11 Slip= 32
 NP2: 124 84 100
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 51S, **C M.W.: 42S, 86C
 Centroid Location:
 Origin Time 07:52:22.6 0.1
 Lat 16.77N 0.01 Lon 98.61W 0.01
 Dep 21.8 0.4 Half-duration 5.0
 Principal Axes:
 Scale 10**18 Nm
 T Val= 10.33 Plg=60 Azm= 40
 N -0.40 7 298
 P -9.94 29 204
 Best Double Couple:Mo=1.0*10**19
 NP1:Strike=276 Dip=17 Slip= 67
 NP2: 120 74 97

24 15 36 08.67 55.621S 128.041W 10km
 5.3mb (16 obs.) 5.5Msz (35 obs.)
 PACIFIC-ANTARCTIC RIDGE
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 51S, **C
 Centroid Location:
 Origin Time 15:36:16.1 0.2
 Lat 55.64S 0.02 Lon 127.73W 0.03
 Dep 15.0 FIX Half-duration 2.0
 Principal Axes:
 Scale 10**17 Nm
 T Val= 6.46 Plg=12 Azm=339
 N -0.83 68 103
 P -5.63 17 245
 Best Double Couple:Mo=6.1*10**17
 NP1:Strike= 23 Dip=69 Slip=-176
 NP2: 292 87 -21

25 08 39 19.83 7.851S 130.128E 33km
 5.2mb (37 obs.)
 TANIMBAR ISLANDS REG., INDONESIA
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 44S, 68C
 Centroid Location:
 Origin Time 08:39:22.5 0.3
 Lat 8.09S 0.03 Lon 130.14E 0.04
 Dep 28.1 2.4 Half-duration 1.1
 Principal Axes:
 Scale 10**17 Nm
 T Val= 0.84 Plg=79 Azm=266
 N 0.41 11 80
 P -1.24 1 170
 Best Double Couple:Mo=1.0*10**17
 NP1:Strike=271 Dip=45 Slip= 105
 NP2: 70 47 75

25 10 07 11.58 5.882S 145.933E 18km
 5.7mb (77 obs.) 5.6Msz (10 obs.)
 EASTERN NEW GUINEA REG., P.N.G.
 FAULT PLANE SOLUTION: P-Waves
 NP1:Strike=110 Dip=78 Slip= 90
 NP2: 290 12 90
 Principal Axes:
 T Plg=57 Azm= 20
 P 33 200
 Comment: The focal mechanism is
 poorly controlled and
 corresponds to reverse
 faulting. The preferred fault
 plane is NP2.
 RADIATED ENERGY
 No. of sta: 13 Focal mech. F
 Energy 1.3±0.2*10**13 Nm
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 47S, **C

Centroid Location:
 Origin Time 10:07:17.9 0.2
 Lat 6.13S 0.03 Lon 146.16E 0.03
 Dep 15.0 FIX Half-duration 2.2
 Principal Axes:
 Scale 10**17 Nm
 T Val= 8.68 Plg=64 Azm= 14
 N 0.12 1 282
 P -8.80 26 191
 Best Double Couple:Mo=8.7*10**17
 NP1:Strike=278 Dip=19 Slip= 86
 NP2: 102 71 91

25 10 27 04.51 5.909S 145.990E 30km
 6.3mb (99 obs.) 7.0Msz (60 obs.)
 EASTERN NEW GUINEA REG., P.N.G.
 FAULT PLANE SOLUTION: P-Waves
 NP1:Strike=130 Dip=83 Slip= 90
 NP2: 310 7 90
 Principal Axes:
 T Plg=52 Azm= 40
 P 38 220
 Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
 MOMENT TENSOR SOLUTION
 Dep 23 No. of sta: 17
 Principal Axes:
 Scale 10**19 Nm
 T Val= 1.21 Plg=69 Azm= 43
 N 0.09 2 308
 P -1.29 21 217
 Best Double Couple:Mo=1.2*10**19
 NP1:Strike=304 Dip=25 Slip= 85
 NP2: 129 66 92
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 55S, **C M.W.: 39S, 85C
 Centroid Location:
 Origin Time 10:27:12.6 0.1
 Lat 5.87S 0.01 Lon 145.99E 0.01
 Dep 20.2 0.4 Half-duration 5.8
 Principal Axes:
 Scale 10**18 Nm
 T Val= 11.94 Plg=64 Azm= 39
 N 0.23 4 301
 P -12.17 26 210
 Best Double Couple:Mo=1.2*10**19
 NP1:Strike=291 Dip=20 Slip= 79
 NP2: 123 71 94

26 11 38 21.96 38.477N 98.655E 8km
 5.9mb (150 obs.) 5.4Msz (28 obs.)
 QINGHAI, CHINA
 FAULT PLANE SOLUTION: P-Waves
 NP1:Strike=140 Dip=56 Slip= 135
 NP2: 259 54 44
 Principal Axes:
 T Plg=54 Azm=108
 P 1 200
 Comment: The focal mechanism is moderately well controlled and corresponds to strike-slip faulting with a large reverse component. The preferred fault plane is not determined.
 RADIATED ENERGY
 No. of sta: 4 Focal mech. F
 Energy 2.5±1.2*10**12 Nm

27 07 18 47.34 6.946N 125.653E 46km
 5.4mb (56 obs.) 4.8Msz (15 obs.)
 MINDANAO, PHILIPPINE ISLANDS
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 21S, 34C
 Centroid Location:
 Origin Time 07:18:50.3 0.5
 Lat 6.79N 0.08 Lon 125.53E 0.08
 Dep 52.0 4.2 Half-duration 1.1
 Principal Axes:
 Scale 10**16 Nm
 T Val= 6.12 Plg=54 Azm= 16
 N 0.58 31 229
 P -6.69 16 129
 Best Double Couple:Mo=6.4*10**16
 NP1:Strike=183 Dip=40 Slip= 36
 NP2: 63 67 124

27 21 16 48.95 18.279S 177.874W 617km
 5.3mb (85 obs.)
 FIJI ISLANDS REGION
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 29S, 45C
 Centroid Location:
 Origin Time 21:16:55.7 0.4
 Lat 17.80S 0.03 Lon 177.62W 0.03
 Dep 641.0 1.9 Half-duration 2.4
 Principal Axes:
 Scale 10**17 Nm
 T Val= 5.92 Plg=22 Azm=137
 N -1.87 33 32
 P -4.05 48 254
 Best Double Couple:Mo=5.0*10**17
 NP1:Strike=271 Dip=37 Slip= -25
 NP2: 22 75 -125

28 01 52 06.51 41.604N 142.024E 67km
 5.2mb (85 obs.)
 HOKKAIDO, JAPAN REGION
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 25S, 40C
 Centroid Location:
 Origin Time 01:52: 9.7 0.5
 Lat 41.54N 0.04 Lon 142.03E 0.05
 Dep 68.5 3.1 Half-duration 1.8
 Principal Axes:
 Scale 10**16 Nm
 T Val= 12.71 Plg=71 Azm=282
 N 1.50 4 24
 P -14.20 18 115
 Best Double Couple:Mo=1.3*10**17
 NP1:Strike=213 Dip=27 Slip= 99
 NP2: 22 64 85

29 04 09 05.61 51.509N 178.184W 34km
 5.8mb (156 obs.) 5.3Msz (58 obs.)
 ANDREANOF ISLANDS, ALEUTIAN IS.
 MOMENT TENSOR SOLUTION
 Dep 36 No. of sta: 34
 Principal Axes:
 Scale 10**17 Nm
 T Val= 5.58 Plg=76 Azm=290
 N 1.37 7 48
 P -6.94 12 139
 Best Double Couple:Mo=6.3*10**17
 NP1:Strike=238 Dip=33 Slip= 102
 NP2: 43 58 82
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 48S, **C
 Centroid Location:
 Origin Time 04:09: 8.4 0.2
 Lat 51.49N 0.02 Lon 177.75W 0.03
 Dep 47.1 1.6 Half-duration 1.8
 Principal Axes:
 Scale 10**17 Nm
 T Val= 4.47 Plg=70 Azm=293
 N 0.41 11 54
 P -4.88 17 148
 Best Double Couple:Mo=4.7*10**17
 NP1:Strike=254 Dip=33 Slip= 112
 NP2: 49 62 78

29 09 22 13.67 5.631S 145.923E 10km
 5.4mb (57 obs.) 4.9Msz (16 obs.)
 EASTERN NEW GUINEA REG., P.N.G.
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 38S, 59C
 Centroid Location:
 Origin Time 09:22:20.6 0.4
 Lat 5.89S 0.05 Lon 146.26E 0.05
 Dep 15.0 FIX Half-duration 1.2
 Principal Axes:
 Scale 10**16 Nm
 T Val= 9.91 Plg=72 Azm= 82
 N 0.00 12 312
 P -9.90 13 219
 Best Double Couple:Mo=9.9*10**16
 NP1:Strike=293 Dip=33 Slip= 68
 NP2: 139 59 104

30 00 29 19.39 22.013S 170.547E 107km
 4.8mb (5 obs.)
 LOYALTY ISLANDS REGION
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 8S, 11C
 Centroid Location:
 Origin Time 00:29:17.1 1.0

Lat 21.99S FIX;Lon 170.83E FIX
 Dep 33.8 FIX Half-duration 1.1
 Principal Axes:
 Scale 10**17 Nm
 T Val= 1.17 Plg=30 Azm=311
 N 0.31 57 155
 P -1.47 11 47
 Best Double Couple:Mo=1.3*10**17
 NP1:Strike= 93 Dip=60 Slip= 15
 NP2: 356 77 150

30 08 30 33.97 15.437N 121.785E 39km
 5.3mb (69 obs.) 5.1Msz (18 obs.)
 LUZON, PHILIPPINE ISLANDS
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 12S, 19C
 Centroid Location:
 Origin Time 08:30:36.2 0.8
 Lat 15.46N 0.13 Lon 122.32E 0.14
 Dep 15.0 FIX Half-duration 1.3
 Principal Axes:
 Scale 10**17 Nm
 T Val= 1.71 Plg=52 Azm=233
 N 0.02 19 349
 P -1.73 31 91
 Best Double Couple:Mo=1.7*10**17
 NP1:Strike=226 Dip=22 Slip= 149
 NP2: 345 79 71

30 14 04 43.49 19.305S 176.231W 17km
 5.3mb (33 obs.) 5.3Msz (10 obs.)
 FIJI ISLANDS REGION
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 32S, 68C
 Centroid Location:
 Origin Time 14:04:45.7 0.3
 Lat 19.48S 0.03 Lon 176.10W 0.03
 Dep 15.0 FIX Half-duration 1.7
 Principal Axes:
 Scale 10**17 Nm
 T Val= 3.81 Plg= 9 Azm= 92
 N -0.53 55 195
 P -3.28 34 356
 Best Double Couple:Mo=3.5*10**17
 NP1:Strike=139 Dip=60 Slip=-161
 NP2: 39 74 -32

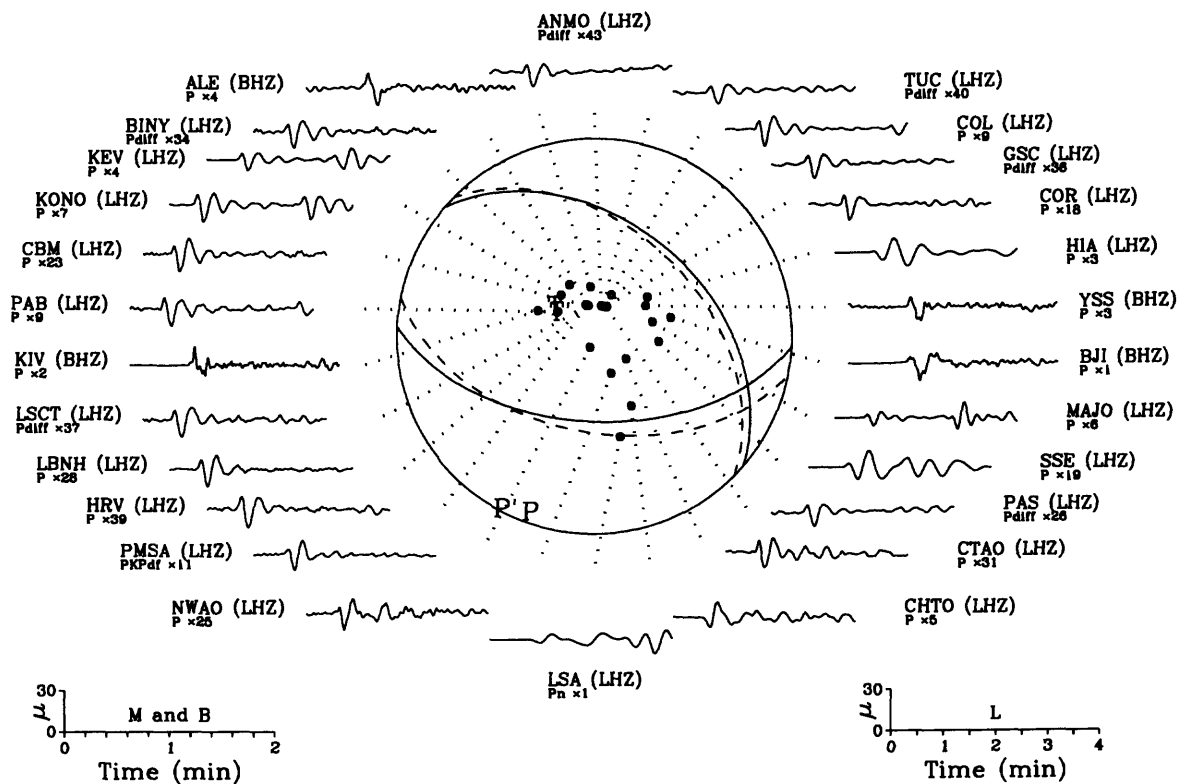
30 17 59 02.77 31.704S 68.232W 107km
 5.9mb (44 obs.)
 SAN JUAN PROVINCE, ARGENTINA
 FAULT PLANE SOLUTION: P-Waves
 NP1:Strike= 52 Dip=69 Slip= 90
 NP2: 232 21 90
 Principal Axes:
 T Plg=66 Azm=322
 P 24 142
 Comment: The focal mechanism is poorly controlled and corresponds to normal faulting. The preferred fault plane is not determined.
 RADIATED ENERGY
 No. of sta: 5 Focal mech. F
 Energy 4.5±1.9*10**12 Nm
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 46S, 95C
 Centroid Location:
 Origin Time 17:59: 8.5 0.2
 Lat 31.77S 0.02 Lon 68.16W 0.02
 Dep 125.6 0.8 Half-duration 2.0
 Principal Axes:
 Scale 10**17 Nm
 T Val= 6.33 Plg= 9 Azm=114
 N -0.01 22 208
 P -6.32 66 3
 Best Double Couple:Mo=6.3*10**17
 NP1:Strike=180 Dip=41 Slip=-125
 NP2: 43 58 -64

31 00 40 25.15 49.553S 123.274E 10km
 5.5mb (30 obs.) 5.0Msz (5 obs.)
 SOUTH OF AUSTRALIA
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 16S, 20C
 Centroid Location:
 Origin Time 00:40:31.5 0.4
 Lat 49.41S 0.07 Lon 122.91E 0.11
 Dep 15.0 FIX Half-duration 1.2
 Principal Axes:

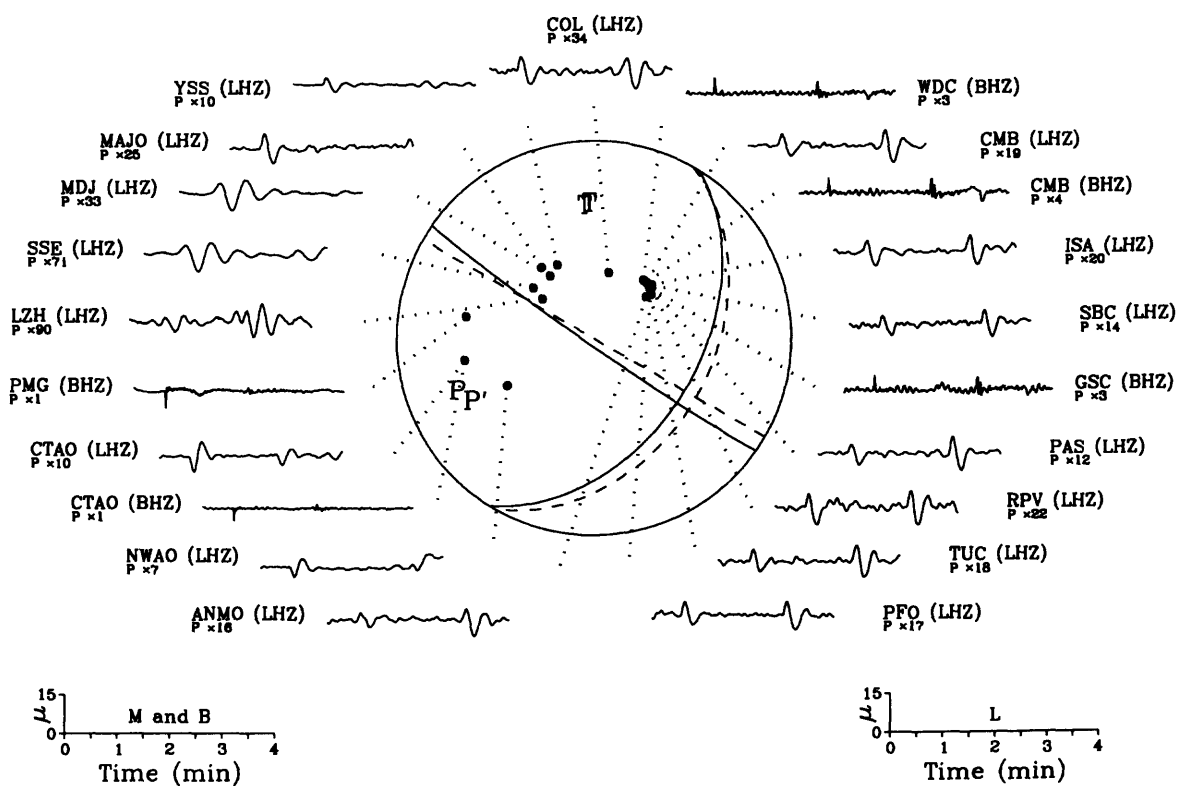
Scale 10**16 Nm			
T	Val=	13.25	Plg=15 Azm= 62
N		-3.32	75 224
P		-9.93	4 330
Best Double Couple:Mo=1.2*10**17			
NP1:Strike=105 Dip=77 Slip= 173			
NP2:		197	83 14

Compiled by Pingsheng Chang, Willis S. Jacobs, Stuart K. Koyanagi, Christina K. Lavonne, John H. Minsch, Russell E. Needham, Waverly J. Person, Bruce W. Presgrave and William H. Schmieder.

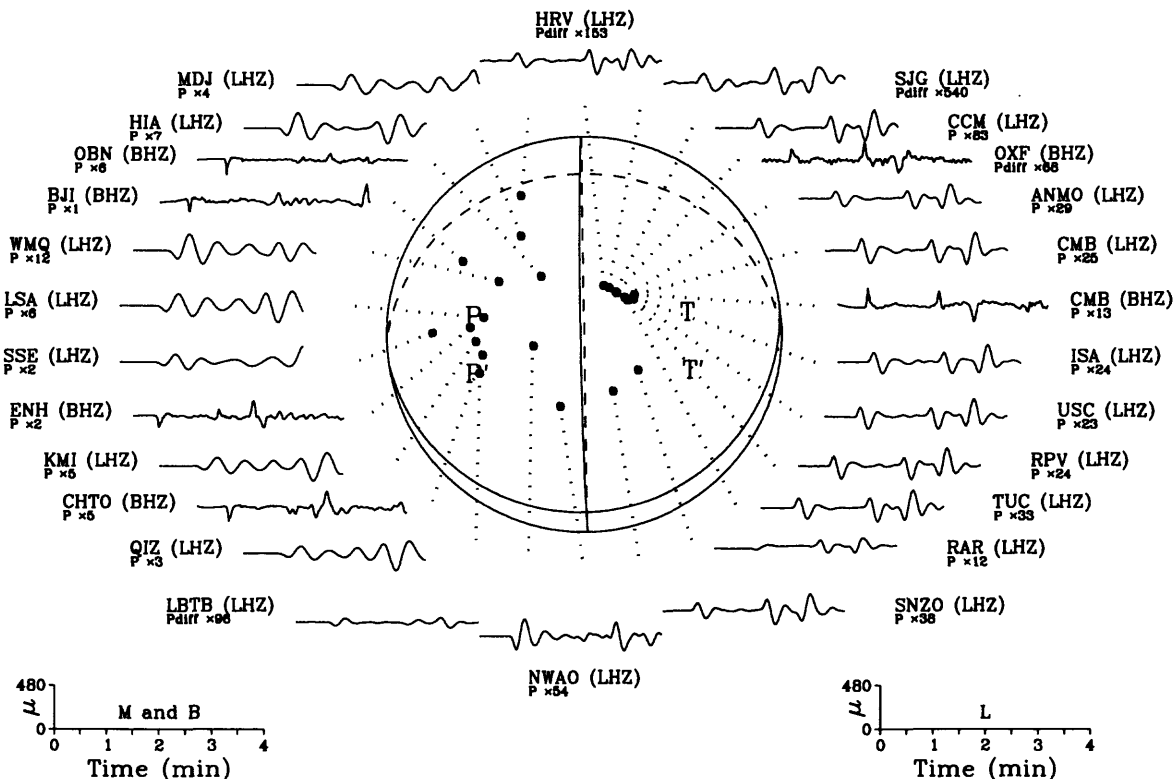
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Southern Xinjiang, China



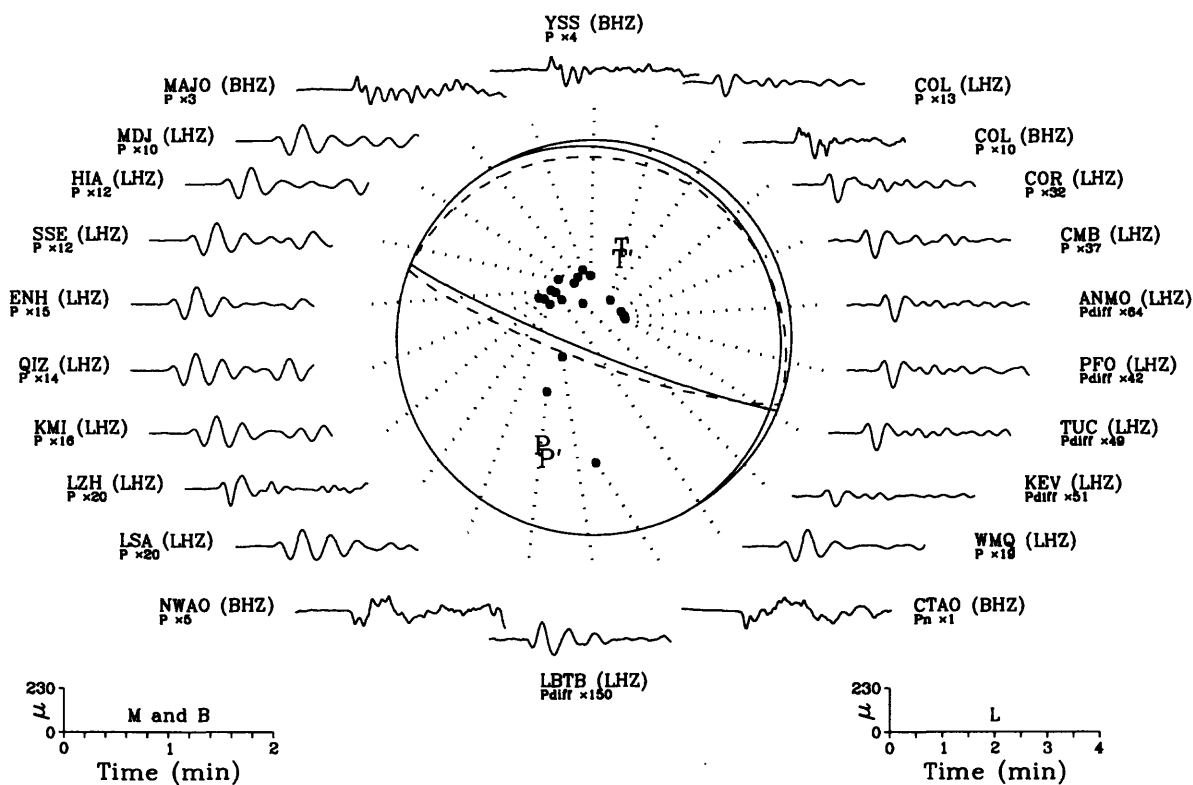
11 October 1993 13:07:29.56
Fiji Islands Region



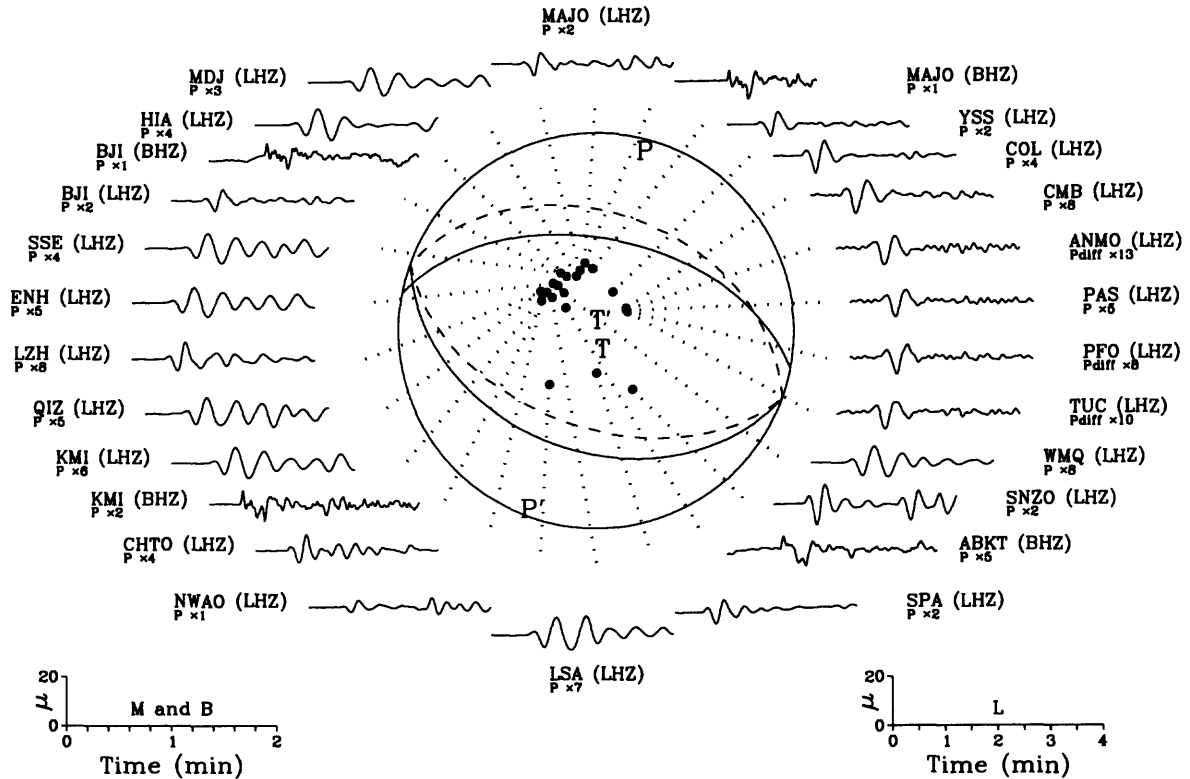
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South of Honshu, Japan



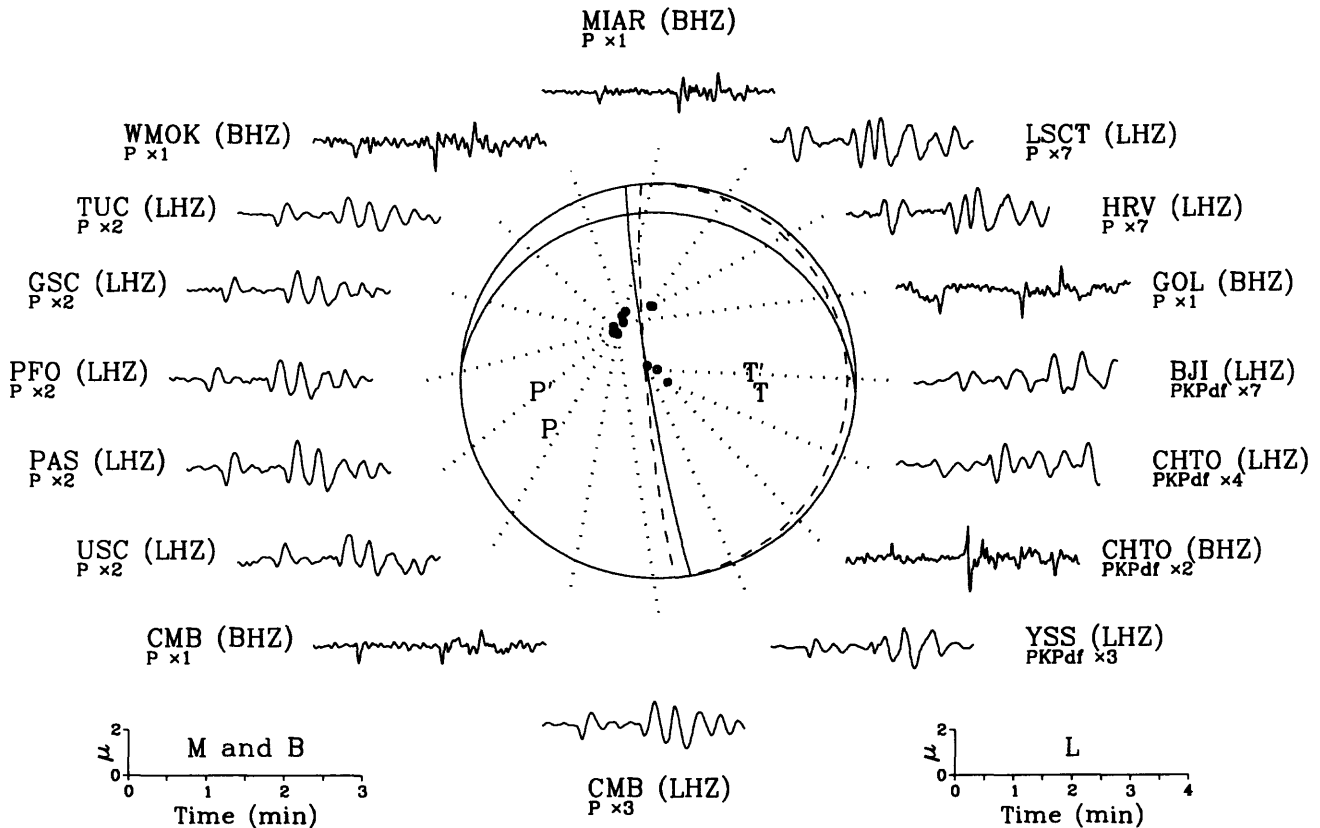
13 October 1993 02:06:00.34
Eastern New Guinea Reg., P.N.G.



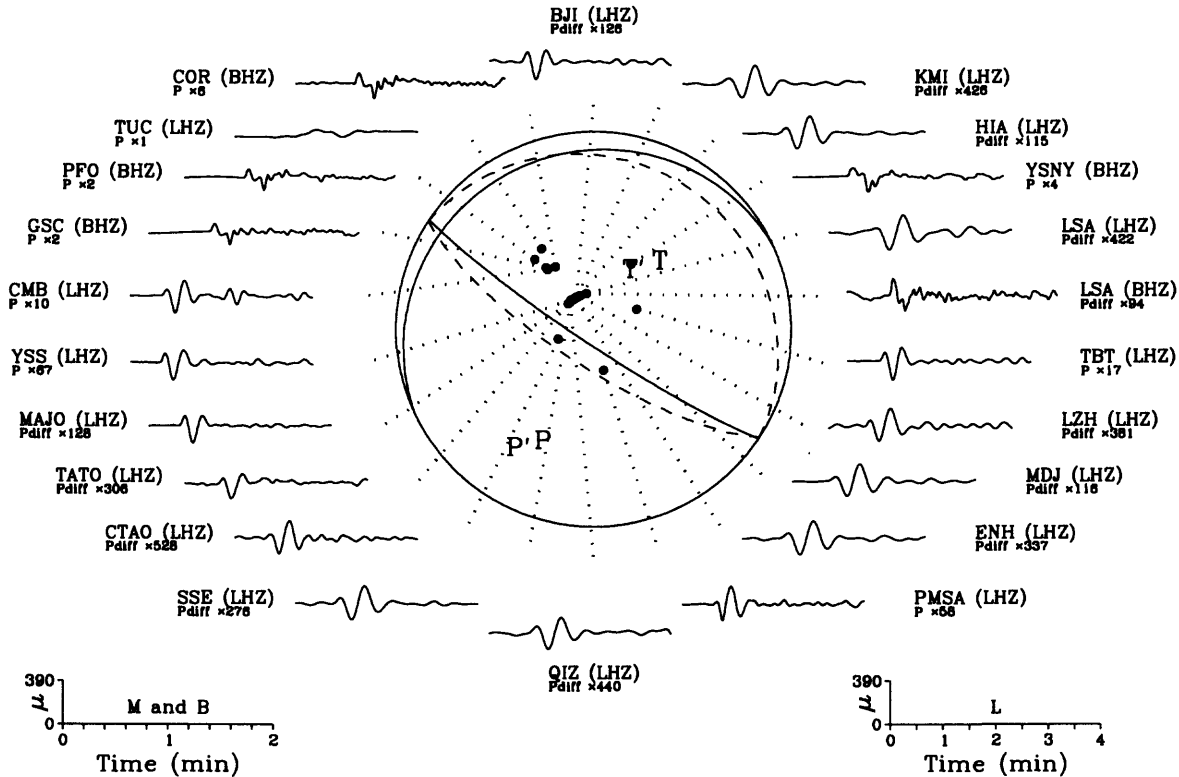
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Eastern New Guinea Reg., P.N.G.



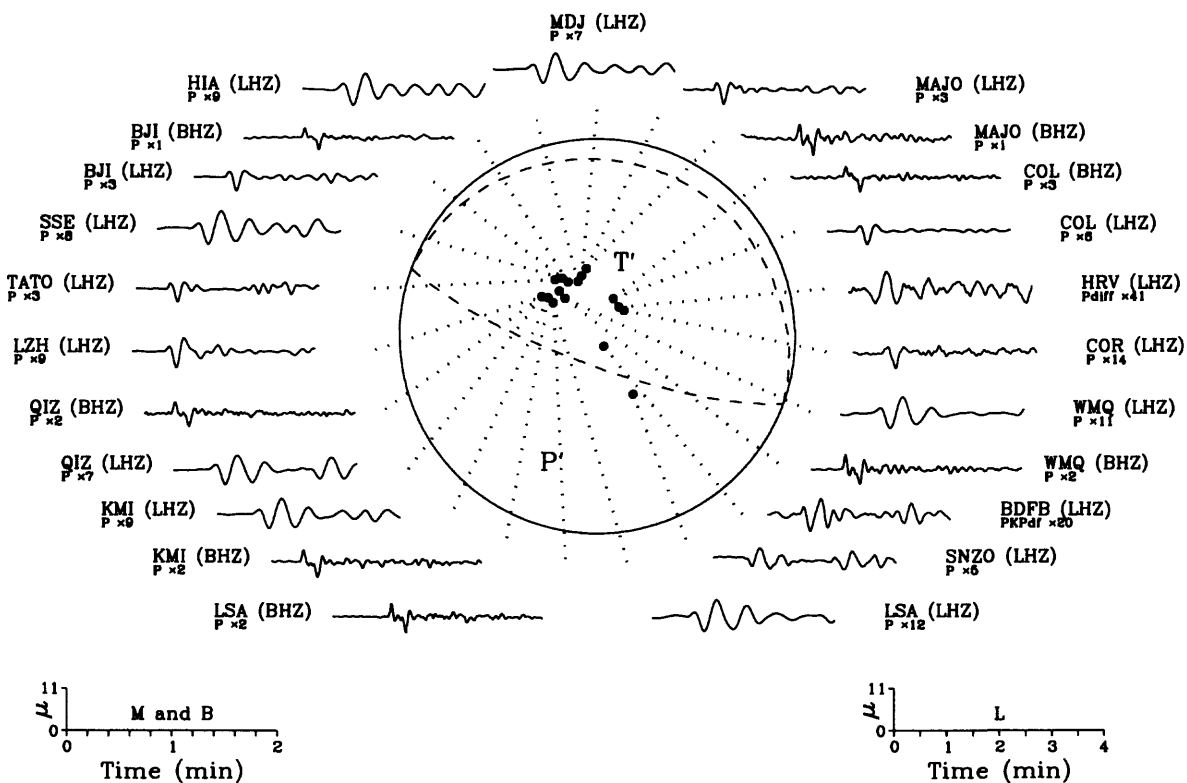
19 October 1993 04:02:21.90
Jujuy Province, Argentina



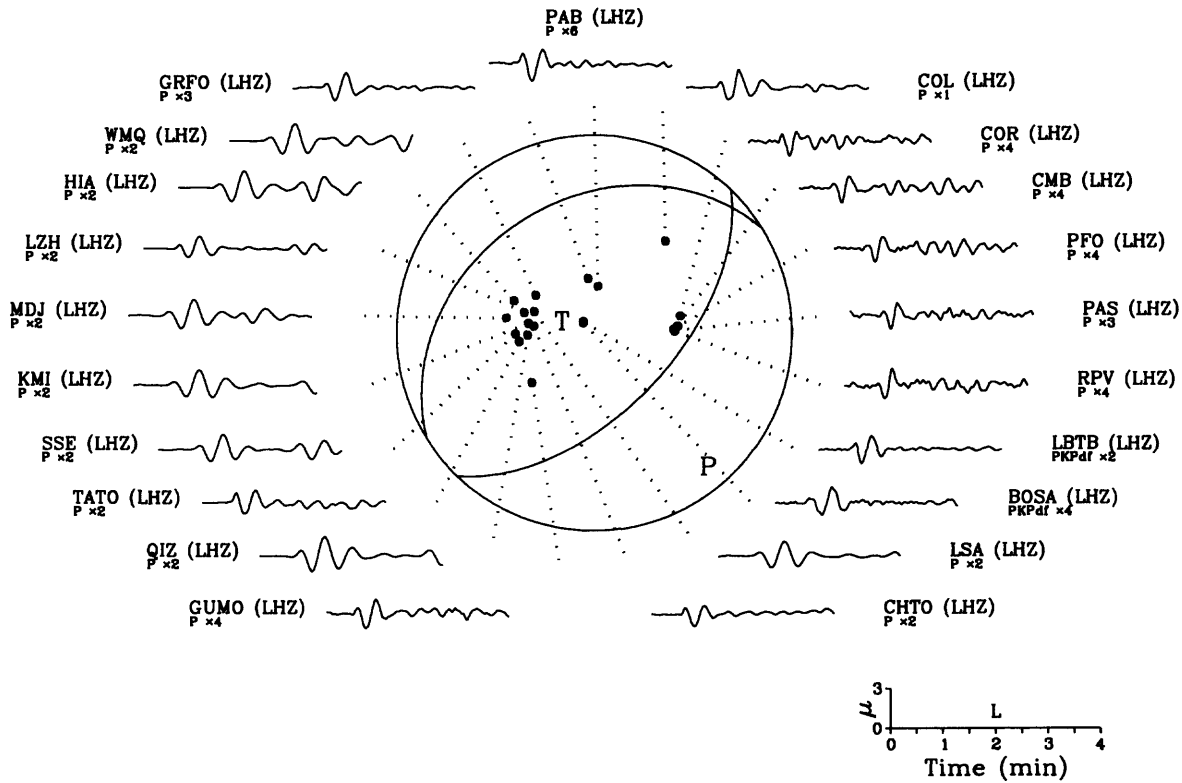
24 October 1993 07:52:15.63
Near Coast of Guerrero, Mexico



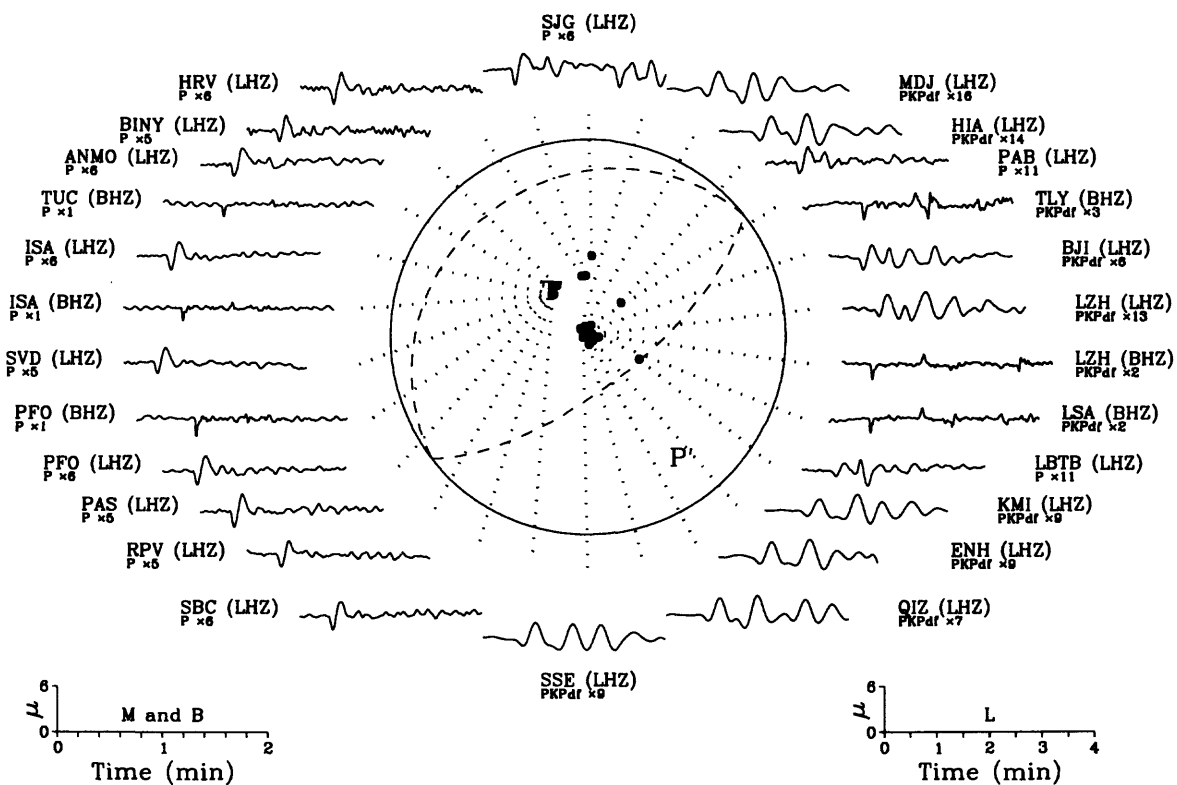
25 October 1993 10:07:11.58
Eastern New Guinea Reg., P.N.G.



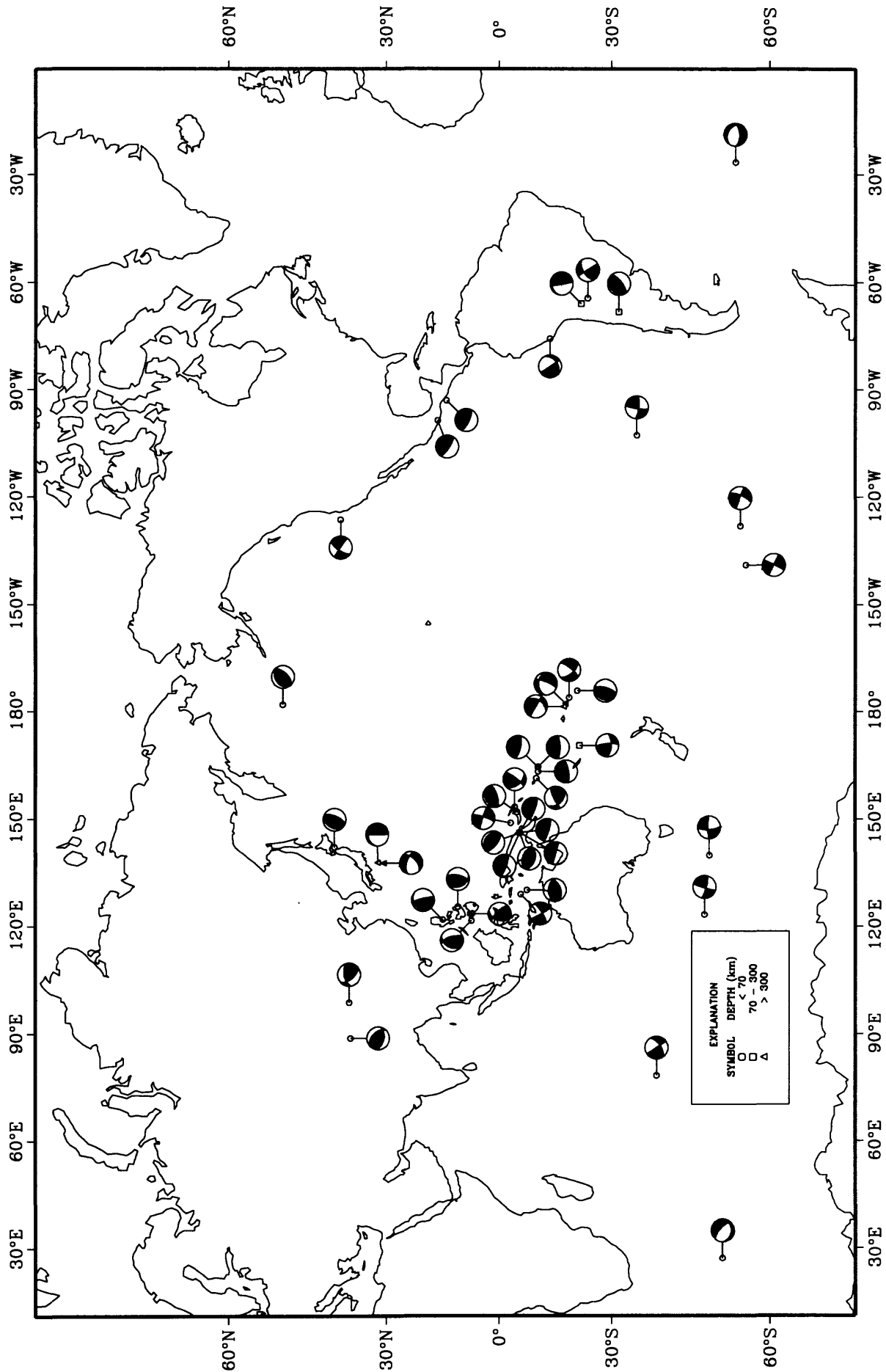
29 October 1993 04:09:05.61
Andreanof Islands, Aleutian Is.

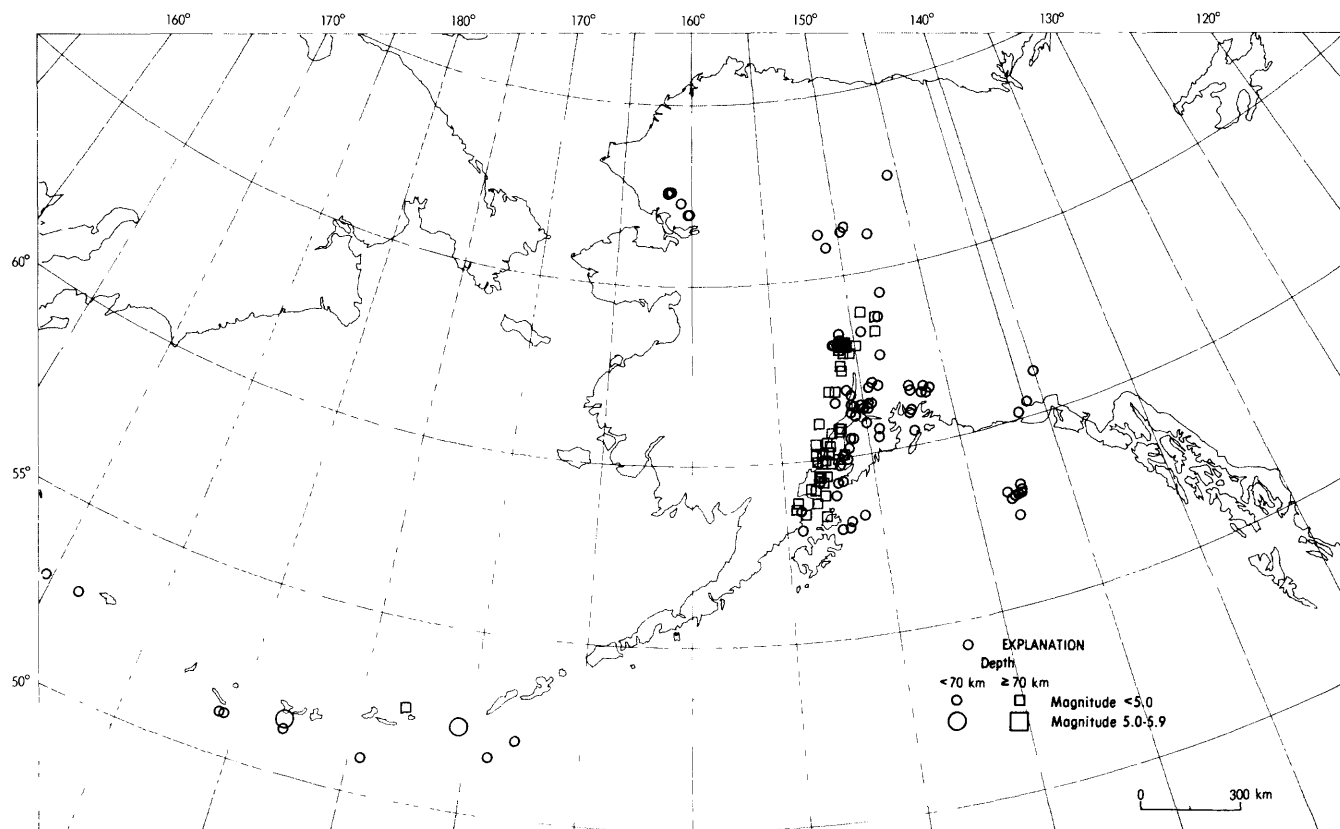


30 October 1993 17:59:02.77
San Juan Province, Argentina

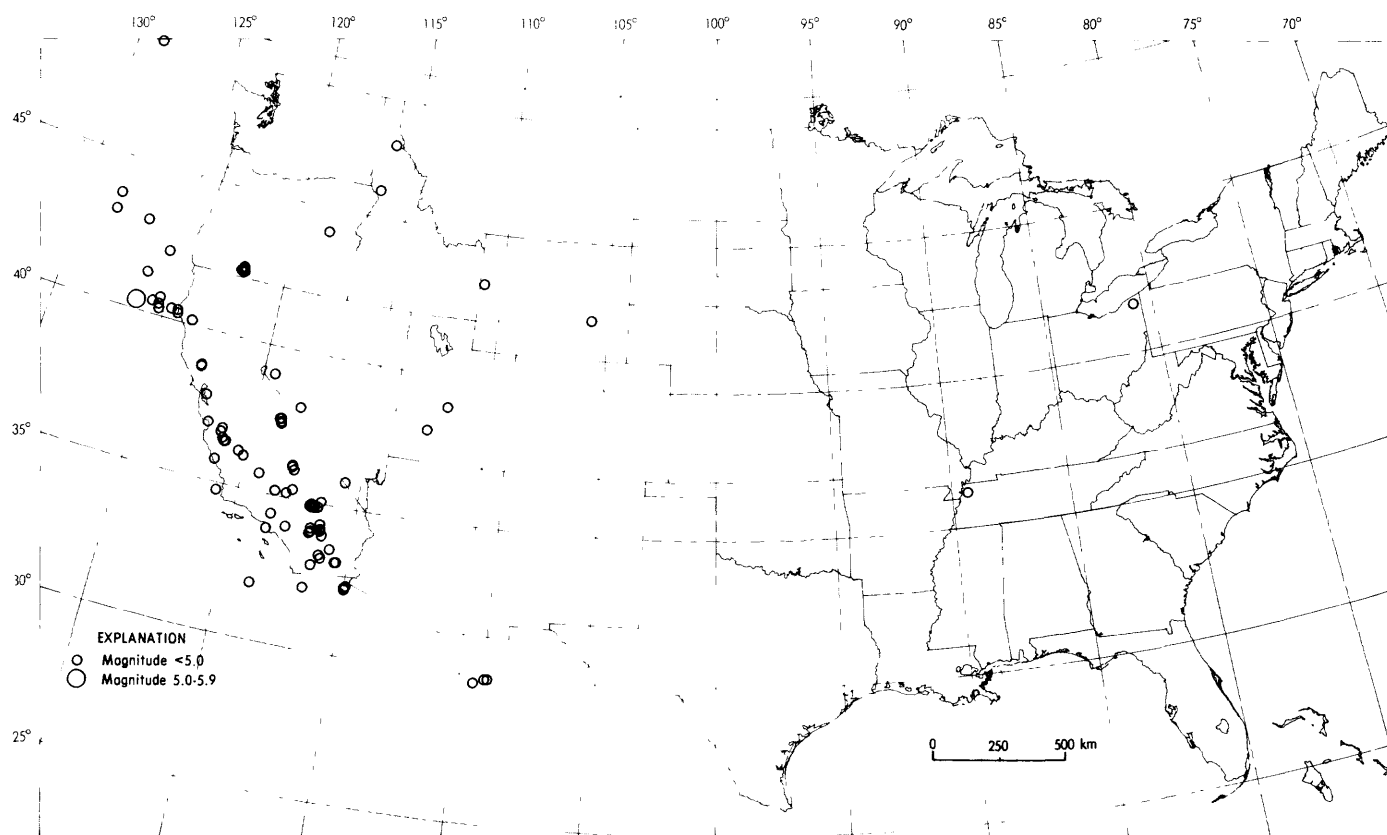


Earthquake Focal Mechanisms for October 1993

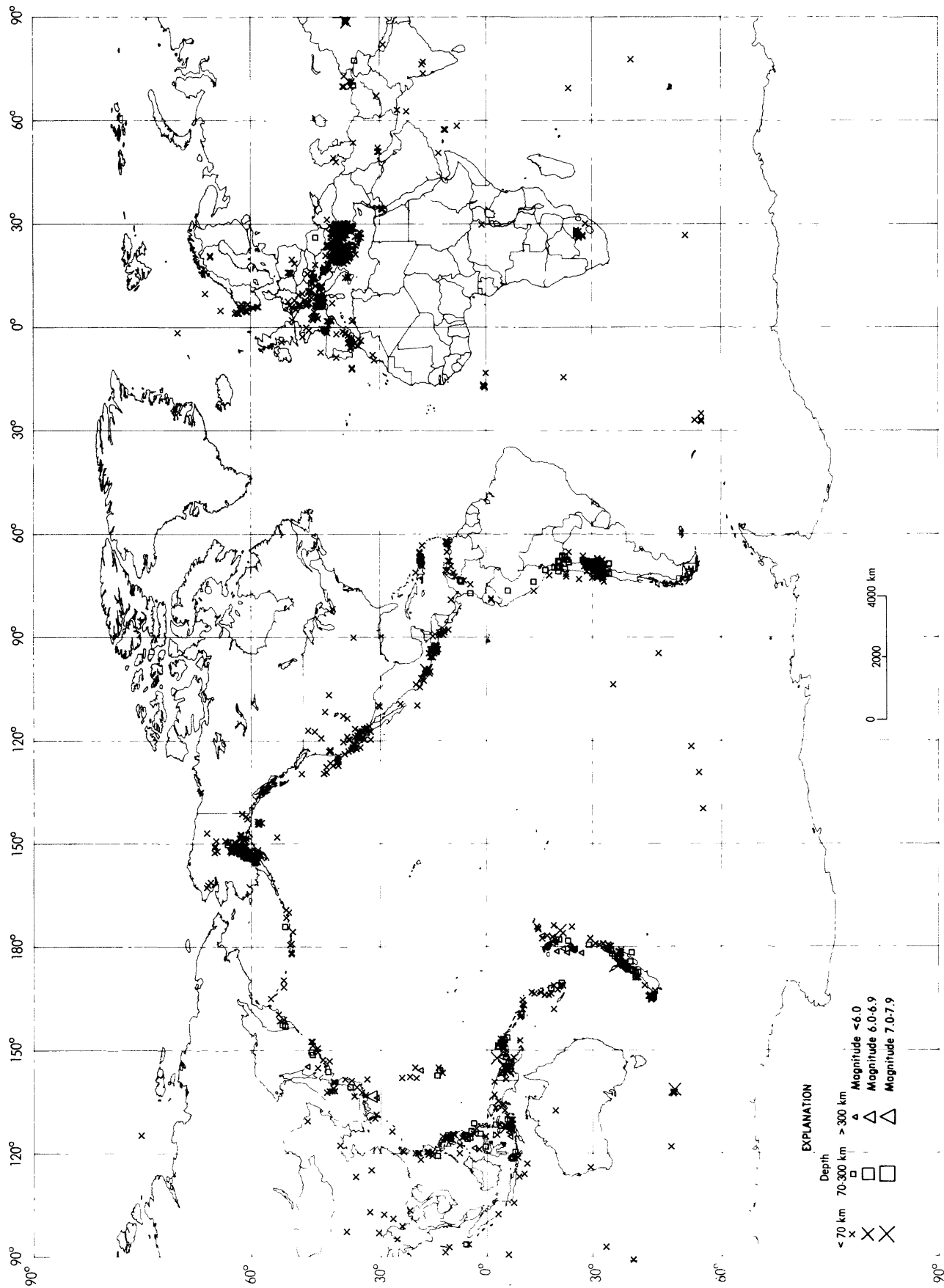




Earthquake epicenters in Alaska and adjacent regions for October, 1993.



Earthquake epicenters in the conterminous United States and adjacent regions for October, 1993.



Earthquakes located in October, 1993.



PRELIMINARY DETERMINATION OF EPICENTERS

MONTHLY LISTING

U.S. DEPARTMENT OF THE INTERIOR / GEOLOGICAL SURVEY National Earthquake Information Center

NOVEMBER 1993

K DAY	ORIGIN TIME	GEOGRAPHIC	DEPTH	MAGNITUDES	SD	Nº.	REGION, CONTRIBUTED	MAGNITUDES	AND COMMENTS
E	UTC	COORDINATES		GS		STA			
Y	HR MN SEC	LAT LONG		MB Msz		USED			
a 01	00 01 19.6	2.042 N 98.121 E	84 *	5.2	0.9	98	NORTHERN SUMATERA, INDONESIA. Mw 5.3 (HRV).		
01	00 04 45.0&	37.630 N 118.847 W	5			33	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM).		
01	00 27 55.1	13.863 N 43.509 E	25	3.9	1.0	14	WESTERN ARABIAN PENINSULA		
01	00 28 07.0*	5.809 S 145.913 E	10 G	3.8	0.6	5	EASTERN NEW GUINEA REG., P.N.G.		
01	00 33 51.4*	17.884 S 173.077 W	33 N	4.6	1.5	28	TONGA ISLANDS		
01	00 42 30.0&	59.092 N 154.118 W	121			78	SOUTHERN ALASKA. <AEIC>.		
01	01 05 39.7&	18.309 N 101.064 W	19 *		0.6	7	GUERRERO, MEXICO		
01	01 13 55.9*	38.357 N 21.975 E	10 G		1.3	9	GREECE. MD 3.1 (ATH).		
01	02 08 31.4	5.952 S 145.913 E	20	3.8	0.8	10	EASTERN NEW GUINEA REG., P.N.G. ML 4.2 (PMG).		
01	02 43 04.1&	61.338 N 150.215 W	38			52	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).		
01	03 19 56.8*	56.898 S 147.392 W	10 G	4.6	1.3	17	PACIFIC-ANTARCTIC RIDGE		
01	03 35 43.9	44.275 N 9.959 E	10 G		0.7	23	NORTHERN ITALY. ML 3.1 (GEN), 2.6 (VIE).		
01	04 25 42.2&	59.888 N 147.965 W	15			82	GULF OF ALASKA. <AEIC>. ML 3.3 (AEIC), 3.5 (PMR).		
01	04 26 12.3	38.314 N 27.486 E	10 G		1.1	7	TURKEY. ML 3.3 (ISK).		
01	05 01 53.1	5.806 S 146.246 E	18 D	5.0 4.7	1.1	68	EASTERN NEW GUINEA REG., P.N.G. ML 5.4 (PMG).		
01	06 03 00.2	45.113 S 166.652 E	31	4.2	1.1	19	OFF W. COAST OF S. ISLAND, N.Z.		
01	06 14 06.0	45.752 N 151.511 E	53 *	4.5	1.0	31	KURIL ISLANDS		
01	06 25 24.3*	45.683 N 151.572 E	33 N	4.9	0.9	14	KURIL ISLANDS		
01	06 31 25.8*	40.443 N 23.968 E	10 G	3.5	0.7	5	GREECE		
01	06 39 33.1	40.464 N 23.993 E	10 G		0.5	10	GREECE		
01	06 42 00.8	27.888 N 57.415 E	33 N	4.3	1.0	18	SOUTHERN IRAN		
01	06 46 31.8	28.244 N 57.569 E	10 G	4.7	0.8	23	SOUTHERN IRAN		
01	06 49 49.6&	34.459 N 116.503 W	1			11	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).		
01	06 50 08.0?	40.46 N 23.94 E	10 G		0.2	4	GREECE		
01	06 59 00.2&	40.760 N 23.324 E	10 G		0.5	5	GREECE		
01	07 07 47.8?	40.46 N 23.93 E	5 G		0.3	4	GREECE		
01	07 12 54.1?	40.44 N 23.94 E	10 G		0.4	4	GREECE		
01	07 13 42.2&	29.672 S 68.991 W	10 G		1.3	9	SAN JUAN PROVINCE, ARGENTINA		
01	07 18 45.5?	40.51 N 24.00 E	5 G		0.7	4	AEGEAN SEA		
01	07 30 29.5&	42.395 N 122.053 W	6			18	OREGON. <SEA-P>. MD 2.6 (SEA), 2.8 (GS).		
01	07 44 51.5	5.795 S 146.195 E	24 D	5.0 4.5	1.0	54	EASTERN NEW GUINEA REG., P.N.G. ML 5.4 (PMG).		
01	08 23 36.4	39.857 N 21.597 E	10 G		0.9	11	GREECE. ML 2.4 (TIR).		
01	08 28 24.8*	5.823 S 146.258 E	10 G	3.6	0.8	6	EASTERN NEW GUINEA REG., P.N.G. ML 4.3 (PMG).		
01	08 35 28.0?	39.12 N 27.58 E	10 G		0.2	4	TURKEY. ML 2.7 (ISK).		
01	08 42 01.4	46.224 N 13.688 E	10 G		1.2	9	AUSTRIA. ML 2.1 (VIE). MD 2.6 (LJU), 2.2 (TRI).		
01	10 16 16.3&	28.113 S 26.791 E	5 G		0.8	5	REPUBLIC OF SOUTH AFRICA. ML 2.6 (PRE).		
01	11 13 19.8*	38.884 N 20.467 E	10 G		1.5	10	GREECE. MD 3.3 (ATH).		
01	11 24 50.1&	56.179 N 153.392 W	10 G	3.7		54	KODIAK ISLAND REGION. <AEIC>. ML 3.9 (AEIC), 3.5 (PMR).		
01	11 41 36.2&	60.587 N 151.742 W	70			95	KENAI PENINSULA, ALASKA. <AEIC>.		
01	12 00 16.0*	5.854 S 146.195 E	10 G		1.4	5	EASTERN NEW GUINEA REG., P.N.G.		
a 01	12 14 11.6	12.581 N 87.770 W	73 D	4.9	1.1	142	NEAR COAST OF NICARAGUA. Mw 5.4 (HRV). MD 5.2 (UPA).		
01	12 22 27.4	36.097 N 140.298 E	83	4.6	1.4	52	NEAR EAST COAST OF HONSHU, JAPAN		
01	13 48 37.7*	4.455 S 153.457 E	103 *	4.8	1.1	17	NEW IRELAND REGION, P.N.G.		
01	13 54 18.7	2.955 S 126.250 E	33 N	4.8	0.7	18	CERAM SEA		
01	14 18 45.6?	61.15 N 3.81 E	10 G		0.9	5	NORWEGIAN SEA. MD 2.2 (BER).		
01	14 50 22.5	51.541 N 16.049 E	22	4.5	1.2	68	POLAND. ML 4.6 (GRF), 4.5 (WAR), 4.3 (VIE).		
01	16 39 16.3*	36.843 N 142.031 E	10 G	3.8	1.1	12	OFF EAST COAST OF HONSHU, JAPAN		
01	16 50 06.6*	19.919 N 71.148 W	10 G	3.8	1.2	16	DOMINICAN REPUBLIC REGION		
01	17 09 22.2	46.214 N 16.498 E	10 G		1.0	14	NORTHWESTERN BALKAN REGION. ML 2.8 (VIE), 2.8 (ZAG). MD 2.8 (TRI). Felt (IV) at Ludbreg, Croatia.		
a 01	17 19 25.2	10.065 S 161.210 E	118	5.8	0.9	232	SOLOMON ISLANDS. Mw 5.7 (GS), 5.6 (HRV). Mo=5.3*10**17 Nm (PPT). Felt (III) at Honiara.		
01	17 28 43.1&	37.501 N 118.883 W	3			37	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM). ML 3.0 (BRK).		
01	17 58 25.5?	13.90 N 61.61 W	33 N		0.2	5	WINDWARD ISLANDS. MD 3.2 (TRN). ML 2.8 (FDF).		
01	18 17 22.3	38.950 N 29.947 E	13	4.7	1.1	115	TURKEY. ML 4.3 (ISK). Felt at Kutahya, Usak, Isparta, Afyon and Eskisehir.		
01	18 21 59.9*	15.131 N 95.105 W	33 N		0.7	6	NEAR COAST OF OAXACA, MEXICO		

01	18 23 36.3%	38.841 N	30.037 E	10 G	1.1	6	TURKEY. ML 3.1 (ISK).
01	18 53 29.4	38.908 N	29.898 E	5 G	1.1	10	TURKEY. ML 3.2 (ISK).
01	19 10 34.4*	51.785 N	157.426 E	33 N	4.9	1.1	27 NEAR EAST COAST OF KAMCHATKA
01	19 27 39.2*	51.223 N	15.854 E	10 G	0.8	7	POLAND. ML 3.5 (VIE), 3.3 (GRF), 2.9 (CLL).
01	19 30 33.3*	38.880 N	30.034 E	10 G	1.1	5	TURKEY. ML 3.0 (ISK).
01	20 16 42.3%	38.883 N	30.026 E	10 G	1.4	5	TURKEY. ML 3.0 (ISK).
01	21 50 46.1*	45.802 N	151.443 E	33 N	4.9	0.6	16 KURIL ISLANDS
01	22 33 16.9%	42.336 N	18.712 E	10 G	0.3	9	NORTHWESTERN BALKAN REGION
01	22 59 41.7%	32.461 S	70.238 W	100 G	0.4	11	CHILE-ARGENTINA BORDER REGION. MD 3.9 (SAN).
01	23 25 45.7	38.851 N	27.412 E	5 G	0.3	6	TURKEY. ML 3.2 (ISK).
01	23 28 53.7%	40.729 N	29.965 E	10 G	0.6	9	TURKEY. ML 2.9 (ISK).
01	23 31 51.5%	39.657 N	26.251 E	10 G	0.5	6	TURKEY. ML 3.2 (ISK).
01	23 48 29.7%	42.614 N	18.853 E	10 G	0.3	9	NORTHWESTERN BALKAN REGION
02	00 21 05.2?	39.68 N	26.31 E	10 G	0.8	4	TURKEY. ML 2.8 (ISK).
02	00 51 50.2*	29.523 S	70.733 W	124 ?	1.4	14	CENTRAL CHILE
02	01 29 16.8%	62.355 N	148.840 W	44		86	CENTRAL ALASKA. <AEIC>. ML 3.6 (AEIC), 3.6 (PMR).
02	02 00 04.1%	45.391 S	166.607 E	87 ?	0.4	18	OFF W. COAST OF S. ISLAND, N.Z.
02	02 44 53.3	38.973 N	29.840 E	5 G	1.2	32	TURKEY. ML 3.8 (ISK). Felt at Afyon.
02	03 21 42.5*	5.637 S	146.142 E	10 G	3.8	1.3	5 EASTERN NEW GUINEA REG., P.N.G. ML 3.8 (PMG).
02	03 26 42.4*	38.880 N	30.046 E	10 G	1.1	5	TURKEY. ML 3.0 (ISK).
02	03 50 39.4*	5.812 S	145.912 E	10 G	3.7	1.0	5 EASTERN NEW GUINEA REG., P.N.G. ML 3.9 (PMG).
02	05 57 23.2?	9.70 S	128.69 E	138 ?	1.1	5	TIMOR SEA
02	07 14 50.7	42.812 N	131.129 E	546	4.9	1.1	165 E. RUSSIA-N.E. CHINA BORDER REG.
02	07 15 28.5?	45.13 S	166.84 E	33 N	4.1	0.8	7 OFF W. COAST OF S. ISLAND, N.Z.
02	08 00 55.8%	41.169 N	23.520 E	10 G	0.5	6	GREECE-BULGARIA BORDER REGION
02	08 13 12.4%	63.255 N	151.181 W	4		60	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC), 2.9 (PMR).
02	08 45 38.9*	31.479 S	67.813 W	33 N	0.6	6	SAN JUAN PROVINCE, ARGENTINA
02	09 05 21.1?	38.90 N	30.05 E	5 G	0.3	4	TURKEY. ML 3.1 (ISK).
02	09 34 58.2	49.251 N	156.181 E	41 *	4.7	1.0	37 KURIL ISLANDS
02	09 46 48.6%	18.219 N	66.311 W	10 G	0.6	6	PUERTO RICO REGION
02	09 54 00.6?	39.13 N	27.55 E	10 G	1.0	4	TURKEY. ML 2.7 (ISK).
02	09 57 33.0	1.605 N	128.890 E	103 *	4.8	1.1	33 HALMAHERA, INDONESIA
02	10 34 01.8%	33.769 S	70.600 W	90 G	0.2	9	CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
02	11 41 01.6	42.235 N	122.132 W	5 G	0.8	14	OREGON. ML 3.1 (GS).
02	12 13 40.8%	44.764 N	6.668 E	10 G	0.2	7	FRANCE. ML 2.1 (GEN).
02	12 33 57.3?	5.47 S	101.91 E	33 N	4.6	1.0	10 SOUTHWEST OF SUMATERA, INDONESIA
02	13 28 24.4?	40.67 N	30.12 E	10 G	1.2	4	TURKEY. ML 2.6 (ISK).
02	13 34 05.3%	37.581 N	118.699 W	11		36	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.1 (GM).
02	15 00 02.6?	39.13 N	27.56 E	10 G	0.8	4	TURKEY. ML 2.6 (ISK).
02	15 15 31.7*	55.064 N	165.588 E	33 N	4.2	0.6	21 KOMANDORSKY ISLANDS REGION
02	15 40 16.3*	5.231 S	134.727 E	33 N	4.7	1.5	10 ARU ISLANDS REGION, INDONESIA
02	15 46 26.9%	26.897 S	26.718 E	5 G	0.9	6	REPUBLIC OF SOUTH AFRICA. ML 2.7 (PRE).
02	16 17 18.5%	33.515 S	70.417 W	100 G	0.3	9	CHILE-ARGENTINA BORDER REGION
02	16 45 43.0%	26.899 S	26.737 E	5 G	1.0	5	REPUBLIC OF SOUTH AFRICA. ML 2.3 (PRE).
02	17 06 49.9*	60.414 N	4.962 E	10 G	0.3	6	SOUTHERN NORWAY. MD 1.8 (BER).
02	17 13 09.4*	14.198 N	93.181 W	42	4.6	0.8	31 NEAR COAST OF CHIAPAS, MEXICO
02	17 37 01.0%	15.298 N	61.009 W	33 N	1.2	8	LEEWARD ISLANDS. ML 2.6 (PDF).
02	18 15 15.7*	39.103 N	21.497 E	85 ?	0.4	13	GREECE
02	18 56 37.2%	40.696 N	30.283 E	5 G	0.5	8	TURKEY. ML 3.0 (ISK).
02	19 37 35.2?	49.13 N	6.95 E	10 G	1.3	5	GERMANY. ML 2.0 (UCC).
02	19 39 34.9	40.667 N	22.596 E	14	1.5	37	GREECE. ML 3.5 (TIR). MD 3.8 (ATH).
02	20 53 12.4%	40.408 N	25.974 E	10 G	0.7	7	AEGEAN SEA. ML 3.2 (ISK).
02	21 19 18.9%	38.245 S	175.930 E	207 ?	0.5	22	NORTH ISLAND, NEW ZEALAND
02	21 24 09.0%	38.934 N	122.661 W	0		12	NORTHERN CALIFORNIA. <GM-P>. MD 2.8 (GM). ML 2.5 (BRK) Felt (IV) at Lower Lake and (III) at Clearlake.
02	21 34 28.8	44.701 N	7.391 E	10 G	0.5	18	NORTHERN ITALY. ML 2.6 (GEN).
02	21 35 20.0%	40.615 N	22.444 E	10 G	0.5	5	GREECE
02	21 43 10.2*	24.947 N	122.900 E	172 *	4.4	1.1	22 TAIWAN REGION
02	22 05 44.0%	40.608 N	22.432 E	10 G	0.3	6	GREECE
02	22 18 35.9*	6.727 S	129.862 E	173 ?	5.0	1.1	14 BANDA SEA
02	23 31 25.4%	33.547 S	70.293 W	104 ?	0.3	10	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
03	00 10 42.4	11.457 S	119.144 E	33 N	4.5	1.1	13 SOUTH OF SUMBA, INDONESIA
03	00 23 54.3%	45.054 N	7.271 E	10 G	0.5	7	NORTHERN ITALY. ML 2.2 (GEN).
03	00 56 58.2%	32.622 N	115.803 W	6 G		5	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 2.9 (PAS).
03	01 19 02.8	24.255 S	67.092 W	195	1.2	20	CHILE-ARGENTINA BORDER REGION
03	03 58 04.7%	39.323 N	27.862 E	10 G	0.3	5	TURKEY. ML 2.8 (ISK).
03	04 27 02.9%	36.293 N	120.427 W	10		38	CENTRAL CALIFORNIA. <GM-P>. MD 3.2 (GM). ML 3.2 (PAS), 3.4 (GS).
03	04 28 38.1?	6.22 S	147.09 E	71 ?	4.4	0.5	5 EASTERN NEW GUINEA REG., P.N.G.
03	04 29 59.8	40.962 N	20.126 E	10 G	1.2	30	GREECE-ALBANIA BORDER REGION. ML 3.2 (TIR).
03	04 39 45.3	57.090 N	142.875 W	10 G	0.7	69	GULF OF ALASKA. ML 3.5 (AEIC).
03	05 41 49.6*	5.827 S	145.940 E	10 G	4.0	0.2	5 EASTERN NEW GUINEA REG., P.N.G. ML 4.1 (PMG).
03	06 32 38.0*	45.240 N	14.866 E	10 G	1.0	7	NORTHWESTERN BALKAN REGION. MD 2.9 (LJU).
03	06 45 20.6	37.853 N	29.380 E	5 G	0.9	13	TURKEY. ML 3.6 (ISK).
03	06 45 36.8%	42.243 N	19.601 E	10 G	0.3	9	NORTHWESTERN BALKAN REGION
03	07 52 23.1*	31.327 S	68.596 W	107 ?	0.5	8	SAN JUAN PROVINCE, ARGENTINA
03	08 24 38.3%	42.631 N	18.871 E	10 G	0.2	9	NORTHWESTERN BALKAN REGION
03	08 37 28.5%	36.293 N	120.432 W	9		37	CENTRAL CALIFORNIA. <GM-P>. MD 2.9 (GM). ML 3.0 (GS), 2.9 (PAS).
03	08 44 40.9	40.954 N	20.136 E	10 G	1.5	6	GREECE-ALBANIA BORDER REGION. ML 2.4 (TIR).
03	09 18 25.1%	39.105 N	27.601 E	10 G	0.4	6	TURKEY. ML 2.7 (ISK).
03	09 48 34.2*	39.727 N	32.960 E	10 G	1.1	5	TURKEY. MG 2.7 (DDA).
03	10 00 29.4%	39.102 N	27.513 E	10 G	0.4	5	TURKEY. ML 2.7 (ISK).
03	10 02 06.4	42.272 N	122.122 W	5 G	0.6	10	OREGON. ML 2.5 (GS).
03	10 37 36.0?	14.19 N	93.02 W	57 *	3.9	1.3	14 NEAR COAST OF CHIAPAS, MEXICO
03	10 50 27.5%	39.099 N	27.546 E	10 G	0.4	5	TURKEY. ML 2.7 (ISK).
03	12 04 10.6	5.830 S	146.166 E	24	4.8 4.4	0.9	47 EASTERN NEW GUINEA REG., P.N.G.
03	12 14 27.4	35.859 N	115.843 W	5 G		0.9	19 CALIFORNIA-NEVADA BORDER REGION. ML 3.3 (GS), 3.1 (PAS).
03	13 06 52.4%	39.276 N	22.562 E	10 G	1.3	5	GREECE
03	13 07 15.4%	39.617 N	29.515 E	5 G	0.6	6	TURKEY. ML 2.8 (ISK).
03	13 10 33.7?	38.89 N	29.97 E	10 G	0.7	4	TURKEY. ML 2.8 (ISK).

03	13	13	13.8	42.682	N	23.985	E	5	G	0.4	8	BULGARIA
a 03	13	18	10.8	7.123	S	67.916	E	10	G	5.4	5.4	228 MID-INDIAN RIDGE. Mw 5.6 (HRV).
03	13	32	58.9?	50.26	N	18.88	E	10	G	1.3	4	POLAND. ML 3.3 (WAR).
03	13	42	30.7?	40.911	N	23.949	E	10	G	0.6	5	GREECE
03	14	54	44.7?	5.67	S	134.04	E	33	N	4.4	5	ARU ISLANDS REGION, INDONESIA
03	15	10	22.7?	39.108	N	27.571	E	10	G	0.4	5	TURKEY. ML 2.7 (ISK).
03	15	24	13.4?	39.226	N	27.757	E	10	G	0.5	7	TURKEY. ML 2.8 (ISK).
03	15	32	56.4*	32.800	S	70.152	W	110	G	1.1	12	CHILE-ARGENTINA BORDER REGION. MD 3.9 (SAN).
03	15	35	32.5?	39.273	N	27.740	E	10	G	0.3	7	TURKEY. ML 2.9 (ISK).
03	16	36	06.9?	38.391	N	122.594	W	6			8	NORTHERN CALIFORNIA. <GM-P>. MD 2.7 (GM).
03	16	42	17.6?	28.76	N	51.99	E	33	N	3.9	0.6	8 SOUTHERN IRAN
03	17	18	43.0?	59.367	N	154.019	W	126			49	SOUTHERN ALASKA. <AEIC>.
03	18	18	27.1*	53.607	N	160.258	E	33	N	4.5	0.8	29 NEAR EAST COAST OF KAMCHATKA
a 03	18	37	46.0	5.793	S	145.912	E	10	G	5.3	5.1	1.2 108 EASTERN NEW GUINEA REG., P.N.G. Mw 5.6 (HRV). Ms 5.0 (BRK). ML 5.5 (PMG).
03	18	39	33.0	28.654	N	34.650	E	13		4.9	4.6	1.0 126 EGYPT. MD 4.6 (HLW).
03	19	43	10.4	65.122	N	141.435	W	10	G	0.6	25	NORTHERN ALASKA. ML 3.7 (AEIC).
03	19	52	26.6?	26.927	S	26.691	E	5	G	0.6	6	REPUBLIC OF SOUTH AFRICA. ML 2.9 (PRE).
03	21	31	22.0	37.749	N	1.706	W	10	G	0.9	22	SPAIN. mbLg 3.4 (MDD). Felt (III) in the Lorca area.
03	21	48	11.3*	5.843	S	145.764	E	10	G	3.8	0.9	6 EASTERN NEW GUINEA REG., P.N.G. ML 4.0 (PMG).
03	22	15	02.3*	5.835	S	145.801	E	10	G	3.9	1.3	6 EASTERN NEW GUINEA REG., P.N.G.
03	23	14	54.9*	5.851	S	146.207	E	10	G	3.8	1.2	6 EASTERN NEW GUINEA REG., P.N.G.
03	23	32	31.4	42.621	S	173.439	E	45	*	4.5	0.9	36 SOUTH ISLAND, NEW ZEALAND
03	23	32	45.5?	44.331	N	7.264	E	10	G		0.2	6 NORTHERN ITALY. ML 1.6 (GEN).
04	00	32	40.2	31.985	N	59.969	E	33	N	4.5	0.8	39 NORTHERN IRAN
04	00	36	53.7?	33.824	N	115.657	W	0			15	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS).
04	00	39	43.1?	62.963	N	150.942	W	110			80	CENTRAL ALASKA. <AEIC>.
04	01	47	03.9	22.002	N	143.156	E	33	N	4.8	4.1	0.9 40 VOLCANO ISLANDS REGION
04	02	19	01.4	40.515	S	174.462	E	110		4.5	0.8	25 COOK STRAIT, NEW ZEALAND
04	02	31	50.4*	5.808	S	145.908	E	10	G	3.6	0.5	5 EASTERN NEW GUINEA REG., P.N.G.
04	02	36	46.3	5.843	S	145.964	E	17		5.2	4.9	1.1 102 EASTERN NEW GUINEA REG., P.N.G. ML 5.4 (PMG).
04	02	58	09.3	5.842	S	145.943	E	10	G	4.0	0.5	7 EASTERN NEW GUINEA REG., P.N.G.
04	03	22	46.9*	18.242	S	175.556	W	270	G	4.9	1.4	20 TONGA ISLANDS
04	04	04	26.1*	5.733	S	146.018	E	10	G	4.2	3.9	1.3 14 EASTERN NEW GUINEA REG., P.N.G.
04	05	14	49.3*	30.503	S	71.960	W	155	?		0.8	19 NEAR COAST OF CENTRAL CHILE. MD 4.4 (SAN).
04	05	15	30.2	38.341	N	22.031	E	5	G	4.2	1.0	22 GREECE. MD 3.7 (ATH).
a 04	05	18	37.4	38.372	N	22.002	E	17		5.0	5.2	1.2 296 GREECE. Mw 5.3 (HRV). ML 4.8 (THE), 4.8 (TIR), 4.5 (ATH). Felt at Patras and Aeghio.
04	05	44	57.0	38.356	N	21.890	E	5	G	3.7	1.3	14 GREECE. MD 3.7 (ATH).
04	07	06	02.9	38.947	N	29.824	E	5	G		1.0	29 TURKEY. ML 3.7 (ISK). Felt at Afyon.
04	07	07	01.1?	38.70	N	30.14	E	10	G		1.0	7 TURKEY. ML 3.7 (ISK).
04	07	49	28.8?	63.298	N	151.124	W	13				44 CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
04	07	55	38.7*	9.776	S	123.071	E	62	?	4.7	1.5	13 TIMOR REGION, INDONESIA
04	08	02	12.2?	38.866	N	29.992	E	10	G		1.0	5 TURKEY. ML 3.0 (ISK).
04	08	07	53.7?	38.48	N	22.24	E	33	N		1.3	8 GREECE
04	08	44	12.7?	59.732	N	153.091	W	103				81 SOUTHERN ALASKA. <AEIC>.
04	09	19	44.6*	38.275	N	22.273	E	5	G	3.7	0.9	15 GREECE. MD 3.3 (ATH).
04	10	10	44.8?	39.109	N	27.603	E	10	G		1.1	5 TURKEY. ML 2.7 (ISK).
04	10	25	04.6*	39.478	N	29.441	E	10	G		0.4	5 TURKEY. ML 2.8 (ISK).
04	10	34	16.1?	39.102	N	27.579	E	10	G		0.9	5 TURKEY. ML 2.7 (ISK).
04	10	50	41.7?	38.80	N	28.92	E	10	G		1.0	4 TURKEY. ML 2.7 (ISK).
04	10	52	00.8?	39.100	N	27.599	E	10	G		0.3	5 TURKEY. ML 2.7 (ISK).
04	10	52	50.3	45.692	N	26.620	E	133		4.2	1.2	74 ROMANIA. Felt (IV) in the Vrancea region and (III) at Bucharest.
04	11	11	03.7*	34.486	S	70.701	W	94			0.9	21 CHILE-ARGENTINA BORDER REGION. MD 4.4 (SAN).
04	11	20	39.3	5.853	S	145.915	E	12		4.4	0.9	23 EASTERN NEW GUINEA REG., P.N.G. ML 4.8 (PMG).
04	11	30	08.6?	44.582	N	7.420	E	10	G		0.3	10 NORTHERN ITALY. ML 2.1 (GEN).
04	11	39	23.7*	5.808	S	145.952	E	10	G	3.7	1.5	6 EASTERN NEW GUINEA REG., P.N.G.
04	11	53	56.4*	38.400	N	21.791	E	10	G		1.2	11 GREECE. MD 3.4 (ATH).
04	12	03	42.5*	38.303	N	21.953	E	10	G		1.3	9 GREECE. MD 3.1 (ATH).
04	12	12	58.7?	33.190	S	70.943	W	70	G		0.3	8 CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
04	12	59	50.2?	39.651	N	29.524	E	10	G		1.0	5 TURKEY. ML 2.8 (ISK).
04	13	09	44.3	11.345	N	125.798	E	32	D	4.8	1.0	80 SAMAR, PHILIPPINE ISLANDS
04	13	26	03.3?	39.223	N	22.435	E	33	N		1.5	5 GREECE
04	13	40	37.2	0.130	N	126.121	E	54	D	4.7	1.2	28 NORTHERN MOLUCCA SEA
04	14	12	15.2?	57.83	N	6.19	E	10	G		0.6	7 NORTH SEA. MD 2.6 (BER).
04	15	05	30.3	26.880	S	26.635	E	5	G		1.4	16 REPUBLIC OF SOUTH AFRICA. ML 3.7 (PRE).
04	15	11	29.9?	16.857	N	99.022	W	33	N		0.6	5 NEAR COAST OF GUERRERO, MEXICO
04	16	26	51.8*	1.331	N	127.062	E	114	*	4.7	0.6	12 HALMAHERA, INDONESIA
04	17	02	33.6*	39.137	N	21.880	E	5	G		1.2	9 GREECE
04	17	10	59.3	27.874	S	26.610	E	5	G		1.2	12 REPUBLIC OF SOUTH AFRICA. ML 3.5 (PRE).
04	17	27	09.3?	32.149	S	68.559	W	33	N		1.3	5 MENDOZA PROVINCE, ARGENTINA
04	18	04	17.8	47.662	N	7.418	E	10	G		0.3	6 SWITZERLAND. ML 1.7 (STR).
04	18	27	28.3?	40.245	N	27.476	E	10	G		0.3	6 TURKEY. ML 2.6 (ISK).
04	19	12	18.9?	43.457	N	5.468	E	5	G		0.4	7 NEAR SOUTH COAST OF FRANCE. ML 2.8 (STR).
04	20	09	47.1*	54.285	N	162.471	W	33	N	4.5	1.1	24 ALASKA PENINSULA
04	20	11	51.8?	44.509	N	7.278	E	10	G		0.3	11 NORTHERN ITALY. ML 2.3 (GEN).
04	20	15	08.6?	37.330	N	1.353	W	10	G		0.5	7 SPAIN. mbLg 2.9 (MDD).
04	20	59	21.7?	7.51	S	128.71	E	150	G	4.6	1.0	14 BANDA SEA
04	21	18	40.9?	44.504	N	7.298	E	10	G		0.3	11 NORTHERN ITALY. ML 2.3 (GEN).
04	22	17	25.4*	37.968	N	103.964	E	10	G	4.0	1.3	5 GANSU, CHINA. ML 3.6 (BJI).
04	22	46	01.8?	40.189	N	121.014	W	1				32 NORTHERN CALIFORNIA. <GM-P>. MD 2.9 (GM).
04	23	05	40.5?	28.95	S	178.79	W	509	?	4.9	1.3	54 KERMADEC ISLANDS REGION
04	23	15	38.6?	34.621	N	116.661	W	6				16 SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.2 (GS).
05	00	08	27.2*	9.225	N	127.309	E	33	N	4.4	1.1	12 PHILIPPINE ISLANDS REGION
05	00	42	07.0?	58.301	N	152.840	W	46		3.6		80 KODIAK ISLAND REGION. <AEIC>. ML 3.3 (AEIC).
05	01	37	07.7*	40.043	N	25.207	E	10	G		1.3	8 AEGEAN SEA
05	01	51	23.9?	16.19	N	99.04	W	33	N		1.2	7 NEAR COAST OF GUERRERO, MEXICO
05	01	58	05.9	44.231	N	12.176	E	10	G		1.3	68 NORTHERN ITALY. ML 3.5 (LDG), 3.5 (VIE). MD 3.5 (TRI), 3.4 (ROM).
05	02	01	04.3	44.228	N	12.173	E	10	G		1.2	84 NORTHERN ITALY. ML 4.0 (VIE), 3.7 (LDG).
05	02	02	14.3	44.381	N	12.139	E	10	G		0.9	27 NORTHERN ITALY. ML 4.1 (VIE), 3.8 (LDG), 3.5 (STR).
05	02	07	05.5	19.020	N	66.008	W	49		4.9	0.9	196 PUERTO RICO REGION. Felt throughout Puerto Rico.

05	03	38	52.9*	38.087 S	177.164 E	96 *	4.4	1.2	14	NORTH ISLAND, NEW ZEALAND
05	03	50	54.5	46.397 N	6.291 E	5		1.0	50	SWITZERLAND. ML 3.2 (LDG), 3.0 (STR).
05	04	01	19.2?	40.57 N	23.33 E	10 G		0.2	4	GREECE
05	04	01	42.8	24.199 S	66.986 W	189	4.5	1.3	48	SALTA PROVINCE, ARGENTINA
05	04	16	23.5	39.497 S	174.275 E	248 *		0.4	28	NORTH ISLAND, NEW ZEALAND
05	04	39	02.8%	37.362 N	1.906 W	10 G		0.8	9	SPAIN. mbLg 2.8 (MDD). Felt (III) in the Cuevas de Almanzora area.
a 05	07	02	06.1	7.033 S	106.101 E	75 *	5.4	1.1	167	JAWA, INDONESIA. Mw 5.2 (HRV). Felt (III) at Lembang. Also felt at Jakarta and Bandung.
05	07	39	16.3?	32.48 S	72.01 W	33 N		0.7	9	OFF COAST OF CENTRAL CHILE. MD 3.8 (SAN).
05	07	47	11.7%	31.585 S	67.997 W	33 N		0.7	8	SAN JUAN PROVINCE, ARGENTINA
05	07	49	48.6?	55.21 N	159.65 W	62 ?		1.1	15	ALASKA PENINSULA. ML 4.0 (PMR). Felt (III) at Perryville and Sand Point.
05	07	53	48.9*	5.717 S	145.635 E	10 G	3.5	0.5	5	EASTERN NEW GUINEA REG., P.N.G.
05	08	35	57.6%	39.153 N	27.637 E	10 G		0.5	5	TURKEY. ML 2.7 (ISK).
05	08	39	20.1	42.216 N	2.084 E	10 G		1.2	16	PYRENEES. ML 3.1 (LDG). MD 3.0 (BTH). mbLg 3.3 (MDD).
05	09	21	02.2%	39.250 N	27.731 E	10 G		0.2	5	TURKEY. ML 2.7 (ISK).
05	09	23	01.1*	11.313 N	125.735 E	113 ?	4.5	1.4	31	SAMAR, PHILIPPINE ISLANDS
05	10	42	24.1%	39.088 N	27.597 E	10 G		1.1	5	TURKEY. ML 2.8 (ISK).
05	12	18	25.9%	39.122 N	27.605 E	10 G		0.3	5	TURKEY. ML 2.6 (ISK).
05	12	36	42.8?	41.84 N	21.79 E	10 G		1.4	6	NORTHWESTERN BALKAN REGION. ML 1.9 (SKO).
05	13	04	17.0?	10.42 N	60.78 W	103 ?		1.4	11	TRINIDAD. MD 3.3 (TRN).
05	13	44	51.9%	62.906 N	149.094 W	72			67	CENTRAL ALASKA. <AEIC>.
05	14	12	17.1*	22.480 S	171.199 E	73 ?	4.7	1.3	12	LOYALTY ISLANDS REGION
05	14	41	56.2?	45.59 N	26.57 E	130 G		0.6	5	ROMANIA
05	14	48	58.1	20.096 N	146.054 E	57	4.8 4.4	1.0	106	MARIANA ISLANDS REGION
05	16	01	38.0	29.294 N	130.481 E	42 *	4.6 4.5	1.0	36	RYUKYU ISLANDS
05	16	14	20.0?	41.12 N	28.87 E	10 G		0.7	5	TURKEY. ML 2.7 (ISK).
05	17	41	20.3%	60.005 N	151.525 W	68			79	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.9 (AEIC).
05	18	18	30.4*	5.793 S	146.013 E	10 G	3.9	1.2	13	EASTERN NEW GUINEA REG., P.N.G. ML 4.3 (PMG).
05	18	53	53.7	38.835 S	29.973 E	5 G		0.8	15	TURKEY. ML 3.6 (ISK).
05	19	01	46.3	32.892 S	70.956 W	51 ?		1.1	12	CHILE-ARGENTINA BORDER REGION. Felt (III) in the Catemu area, Chile.
05	19	06	34.0	5.814 S	145.923 E	10 G	3.8	0.2	9	EASTERN NEW GUINEA REG., P.N.G. ML 4.3 (PMG).
05	19	07	53.4?	31.10 S	68.38 W	127 ?		0.7	6	SAN JUAN PROVINCE, ARGENTINA
05	19	19	24.6%	40.288 N	124.437 W	22			32	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 3.3 (GM). ML 3.5 (BRK), 3.1 (GS).
05	19	45	53.7*	37.300 N	72.035 E	166 ?	4.0	0.8	12	TAJIKISTAN
05	20	03	23.1*	58.871 S	25.516 W	33 N	4.6	0.5	20	SOUTH SANDWICH ISLANDS REGION
05	20	35	31.9?	6.80 S	147.99 E	10 G	4.3	0.6	5	EASTERN NEW GUINEA REG., P.N.G. ML 4.2 (PMG).
05	22	08	22.9?	42.75 N	139.54 E	215 ?	4.0	0.4	9	HOKKAIDO, JAPAN REGION
f 05	22	37	20.1	3.188 S	148.339 E	14 G	5.7 6.2	1.2	208	BISMARCK SEA. Mw 6.2 (GS), 6.2 (HRV). Ms 6.1 (BRK). Mo=3.2*10**18 Nm (PPT). Depth from broadband displacement seismograms.
06	00	22	55.2%	37.582 N	118.869 W	6			32	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM). ML 2.7 (GS).
06	00	23	10.2?	48.65 S	163.87 E	33 N	4.3	0.6	13	OFF W. COAST OF S. ISLAND, N.Z.
06	00	29	34.5%	37.582 N	118.869 W	6			65	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.7 (GM). ML 3.9 (GS), 3.8 (BRK). Felt (III) at Bass Lake, California.
06	00	37	18.7%	37.406 N	118.528 W	7			24	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM).
06	00	48	27.8	13.138 N	89.338 W	64	4.7	1.2	72	EL SALVADOR. Felt (III) at San Salvador. Felt throughout much of El Salvador.
06	01	52	36.6	62.460 N	147.495 W	33 N		0.8	8	CENTRAL ALASKA. ML 2.4 (AEIC), 2.1 (PMR).
06	01	52	49.9%	37.405 N	118.527 W	7			11	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.7 (GM).
06	02	15	34.9?	44.38 N	7.43 E	10 G		0.4	4	NORTHERN ITALY. ML 1.6 (GEN).
06	02	32	34.6	6.852 N	73.024 W	160 D	4.6	1.1	74	NORTHERN COLOMBIA
06	02	52	12.7%	41.305 N	123.578 W	37			32	NORTHERN CALIFORNIA. <GM-P>. MD 3.2 (GM). ML 3.2 (BRK).
06	03	40	04.4?	13.99 S	166.93 E	164 ?	4.6	1.0	32	VANUATU ISLANDS
06	04	03	03.8%	58.464 N	155.873 W	136			55	ALASKA PENINSULA. <AEIC>.
06	04	18	52.1*	14.994 S	176.721 W	127 ?	4.4	0.9	22	FIJI ISLANDS REGION
06	04	32	01.5*	5.771 S	145.857 E	10 G	3.6	0.6	5	EASTERN NEW GUINEA REG., P.N.G.
06	04	35	42.5	1.464 N	126.311 E	75 *	5.0	1.2	43	NORTHERN MOLUCCA SEA
06	04	43	56.2	6.773 N	72.982 W	160 D	4.2	1.0	55	NORTHERN COLOMBIA
06	04	52	54.3	38.954 N	27.980 E	10 G		0.7	10	TURKEY. ML 3.2 (ISK).
06	05	33	47.3%	36.731 N	4.525 W	10 G		1.5	6	STRAIT OF GIBRALTAR. mbLg 2.9 (MDD).
06	05	55	16.8	41.378 N	20.811 E	10 G		1.2	25	ALBANIA. ML 3.5 (SKO), 3.1 (TIR).
06	07	06	24.3?	38.77 N	28.16 E	10 G		0.5	4	TURKEY. ML 2.8 (ISK).
06	07	24	36.0	46.054 N	6.575 E	5 G		1.1	28	SWITZERLAND. ML 3.0 (LDG).
06	07	30	03.4	37.876 N	112.812 W	5 G		0.6	16	UTAH. ML 3.0 (GS).
06	07	45	17.3	16.599 N	98.693 W	12	4.3	1.1	44	NEAR COAST OF GUERRERO, MEXICO. Felt in the states of Guerrero and Oaxaca and at Mexico City.
06	08	16	09.6%	45.404 N	2.384 E	5 G		1.1	10	FRANCE. ML 2.0 (LDG).
06	09	02	31.8*	38.388 N	74.525 E	139 ?	4.1	0.8	12	TAJIKISTAN-XINJIANG BORDER REG.
06	09	05	23.8	41.825 N	20.118 E	10 G		1.1	17	ALBANIA. ML 2.9 (TIR).
06	09	48	12.3	41.797 N	20.057 E	10 G		1.1	11	ALBANIA
06	10	16	34.5%	39.079 N	27.545 E	10 G		0.6	5	TURKEY. ML 2.7 (ISK).
06	10	32	48.6	54.793 N	156.859 W	10 G	4.4	0.9	63	SOUTH OF ALASKA. ML 3.9 (AEIC).
06	12	48	41.7*	9.578 N	72.893 W	33 N		0.9	7	VENEZUELA
06	13	46	07.2	39.363 N	26.241 E	10 G		0.6	14	TURKEY. ML 3.1 (ISK).
06	14	03	04.7?	16.41 N	61.63 W	60 G		0.7	5	LEEWARD ISLANDS
06	14	07	02.4%	39.619 N	29.471 E	10 G		1.1	6	TURKEY. ML 2.8 (ISK).
06	14	45	05.6	58.005 N	142.801 W	10 G		0.6	27	GULF OF ALASKA. ML 2.7 (AEIC).
06	15	12	48.7	44.737 N	10.035 E	10 G		1.1	56	NORTHERN ITALY. ML 3.4 (LDG), 3.3 (VIE). MD 3.4 (TRI), 3.1 (ROM).
06	15	20	28.0%	39.133 N	27.546 E	10 G		1.1	5	TURKEY. ML 2.7 (ISK).
06	16	01	59.8	22.736 S	68.289 W	152 *		1.1	18	NORTHERN CHILE
06	16	10	25.3%	26.929 S	26.731 E	5 G		0.6	6	REPUBLIC OF SOUTH AFRICA. ML 2.7 (PRE).
06	17	13	14.9?	32.50 S	71.43 W	33 N		0.7	6	NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
06	17	35	00.8	38.350 N	22.009 E	10 G	3.8	1.2	23	GREECE. MD 3.5 (ATH).
06	18	18	12.1	5.858 S	145.869 E	23	3.9 3.7	0.7	13	EASTERN NEW GUINEA REG., P.N.G.
06	18	22	57.6	15.253 N	93.587 W	65	4.7	1.1	50	NEAR COAST OF CHIAPAS, MEXICO
06	20	54	50.8%	40.668 N	29.144 E	10 G		0.8	5	TURKEY. ML 2.7 (ISK).

06	21	07	24.4	59.950 N	152.761 W	100			57	SOUTHERN ALASKA. <AEIC>.
06	21	07	54.4	44.864 N	17.154 E	10 G	1.3	104	NORTHWESTERN BALKAN REGION. ML 4.4 (ZAG), 4.1 (VIE). MD 3.9 (SKO), 3.9 (TRI). Felt (VII) at Banja Luka, Bosnia and Herzegovina.	
06	21	15	06.0	41.250 N	20.319 E	10 G	1.0	15	ALBANIA. ML 3.2 (SKO), 2.9 (TIR).	
06	21	20	23.0*	7.208 N	127.120 E	10 G	4.7	1.4	10 PHILIPPINE ISLANDS REGION	
06	21	29	57.3*	5.839 S	146.173 E	33 N	3.6	1.4	5 EASTERN NEW GUINEA REG., P.N.G.	
06	22	27	42.6	44.050 N	7.208 E	10 G		0.6	11 NORTHERN ITALY. ML 2.2 (GEN).	
06	23	21	13.0	44.349 N	11.933 E	10 G		0.6	23 NORTHERN ITALY. ML 3.8 (LDG).	
06	23	28	35.2	37.257 S	176.213 E	352 ?		0.4	28 NORTH ISLAND, NEW ZEALAND	
07	00	15	31.3	40.474 N	23.723 E	10 G		0.1	5 GREECE	
07	01	14	06.1	39.066 N	21.909 E	10 G		1.0	14 GREECE. MD 3.3 (ATH).	
07	01	14	36.7?	8.42 N	82.60 W	26 *		0.6	6 PANAMA-COSTA RICA BORDER REGION. MD 3.7 (UPA).	
07	01	36	20.7	60.053 N	153.029 W	123	3.5		88 SOUTHERN ALASKA. <AEIC>.	
07	02	08	06.7*	38.857 N	30.028 E	10 G		0.4	6 TURKEY. ML 3.0 (ISK).	
07	02	12	40.4	60.498 N	151.544 W	60			54 KENAI PENINSULA, ALASKA. <AEIC>. ML 2.8 (AEIC).	
07	02	33	38.3*	2.258 N	128.769 E	33 N	4.4	0.5	7 HALMAHERA, INDONESIA	
07	03	00	56.5	24.336 S	67.190 W	203		0.6	12 CHILE-ARGENTINA BORDER REGION	
07	03	05	45.5	6.447 S	154.929 E	95	5.2	0.8	106 SOLOMON ISLANDS	
07	03	13	23.0*	33.095 S	68.317 W	33 N		0.9	6 MENDOZA PROVINCE, ARGENTINA	
07	03	16	17.6?	16.76 S	73.37 W	76 ?		1.1	7 NEAR COAST OF PERU. Felt (II) at Arequipa.	
07	03	47	51.6	41.652 N	124.693 W	12			5 NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 2.8 (GM).	
07	04	15	59.5	63.220 N	145.149 W	2			24 CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC).	
07	04	21	13.3*	5.791 S	145.925 E	10 G	3.6	0.2	5 EASTERN NEW GUINEA REG., P.N.G.	
07	06	11	44.7?	21.98 S	177.51 W	118 *	5.5	1.1	33 FIJI ISLANDS REGION	
07	06	22	04.3	65.556 N	151.319 W	81			13 NORTHERN ALASKA. <AEIC>.	
07	06	31	02.5*	17.239 S	69.705 W	172 *		1.1	12 PERU-BOLIVIA BORDER REGION	
07	07	15	03.4	37.362 N	121.721 W	9			13 CENTRAL CALIFORNIA. <GM-P>. MD 2.7 (GM). ML 2.7 (GS).	
07	07	17	41.6	44.512 N	7.097 E	10 G		0.3	8 NORTHERN ITALY. ML 2.3 (GEN).	
07	07	34	59.3	5.805 S	146.207 E	21	5.0	1.1	43 EASTERN NEW GUINEA REG., P.N.G. ML 5.4 (PMG).	
07	07	55	34.5	39.138 N	27.497 E	10 G		1.2	5 TURKEY. ML 2.7 (ISK).	
07	08	29	51.0	34.494 N	70.671 E	33 N	4.7	1.1	50 AFGHANISTAN	
07	08	30	16.7*	38.745 N	26.562 E	10 G		0.4	5 AEGEAN SEA. ML 3.2 (ISK).	
07	08	36	41.4*	14.311 N	93.594 W	33 N	4.1	1.5	14 NEAR COAST OF CHIAPAS, MEXICO	
07	08	55	51.5	40.304 N	124.450 W	12			3 NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 2.7 (GM).	
07	09	54	53.4	39.118 N	27.568 E	10 G		1.0	5 TURKEY. ML 2.8 (ISK).	
07	09	55	54.9	12.500 N	125.212 E	68 *	4.8	1.4	44 SAMAR, PHILIPPINE ISLANDS	
07	10	29	09.5	27.983 S	26.767 E	5 G		1.1	8 REPUBLIC OF SOUTH AFRICA. ML 3.0 (PRE).	
07	10	36	01.5	36.634 N	121.250 W	9			44 CENTRAL CALIFORNIA. <GM-P>. MD 2.9 (GM). ML 2.9 (GS).	
07	11	27	23.2	39.079 N	27.573 E	10 G		0.6	5 TURKEY. ML 2.7 (ISK).	
07	11	57	12.2	47.872 N	146.923 E	422	4.4	0.8	95 NORTHWEST OF KURIL ISLANDS	
07	12	03	37.2*	41.402 N	20.844 E	10 G		0.9	8 ALBANIA. ML 2.1 (SKO).	
07	12	04	53.8?	41.75 N	27.30 E	10 G		0.6	7 TURKEY. ML 3.1 (ISK).	
07	12	29	20.3	39.117 N	27.624 E	10 G		0.9	5 TURKEY. ML 2.7 (ISK).	
07	12	55	21.9?	34.53 S	179.92 E	209 ?	4.6	0.9	21 SOUTH OF KERMADEC ISLANDS	
07	13	01	54.5	34.337 N	3.291 W	10 G		1.1	15 MOROCCO. mbLg 2.9 (MDD).	
07	13	58	24.8*	5.113 S	147.056 E	10 G	3.8	0.6	6 EASTERN NEW GUINEA REG., P.N.G. ML 4.2 (PMG).	
07	13	58	50.8	40.660 S	176.324 E	76 *	4.2	1.0	21 NORTH ISLAND, NEW ZEALAND	
07	14	04	56.1	5.944 S	146.180 E	14	4.5	1.3	23 EASTERN NEW GUINEA REG., P.N.G.	
07	15	46	48.4	26.326 S	27.426 E	5 G		1.0	8 REPUBLIC OF SOUTH AFRICA. ML 2.7 (PRE). mbLg 3.0 (BUL).	
07	16	36	06.0	5.769 S	145.918 E	20 D	4.9	1.2	36 EASTERN NEW GUINEA REG., P.N.G. ML 4.8 (PMG).	
07	17	41	39.7	39.153 S	174.861 E	245	4.1	1.0	46 NORTH ISLAND, NEW ZEALAND	
07	18	16	37.8?	33.01 S	68.88 W	10 G		0.7	6 MENDOZA PROVINCE, ARGENTINA	
07	19	09	42.3*	24.578 N	104.478 E	33 N	3.7	1.5	6 YUNNAN, CHINA. ML 3.7 (BJI).	
a	07	20	24	21.7*	62.195 S	154.361 E	10 G	4.6	1.2	12 BALENY ISLANDS REGION. Mw 5.4 (HRV).
07	21	27	25.6*	32.090 S	68.093 W	33 N		1.5	6 MENDOZA PROVINCE, ARGENTINA	
07	21	43	40.4	34.552 N	119.159 W	10			39 SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.1 (GS). Felt.	
07	22	12	19.9	40.284 N	23.071 E	10 G		1.4	13 GREECE	
07	22	14	29.6	38.758 N	122.722 W	2			31 NORTHERN CALIFORNIA. <GM-P>. MD 2.9 (GM). ML 2.8 (GS).	
07	22	19	51.0	40.244 N	23.007 E	5 G		0.6	6 GREECE	
07	22	29	54.0*	6.545 S	145.883 E	47 *	4.0	0.8	12 NEW GUINEA, PAPUA NEW GUINEA	
07	22	32	21.8	40.249 N	23.038 E	10 G		0.5	8 GREECE	
07	23	11	25.8*	9.239 N	77.629 W	10 G	4.2	1.4	8 NEAR NORTH COAST OF COLOMBIA. MD 4.4 (UPA).	
07	23	21	12.4	44.225 N	12.227 E	23		1.1	91 NORTHERN ITALY. ML 4.2 (VIE), 3.8 (STR). MD 3.8 (TRI), 3.7 (ROM).	
07	23	40	40.3	67.847 N	20.225 E	10 G		0.8	6 SWEDEN. MD 2.6 (BER).	
07	23	47	35.4*	13.183 N	145.141 E	75	4.7	0.8	27 MARIANA ISLANDS. Felt (III) at Merizo and Dededo, Guam.	
08	00	20	58.9?	10.39 N	69.88 W	10 G		0.8	5 VENEZUELA	
08	00	38	18.5	31.844 S	68.176 W	129 *		0.9	18 SAN JUAN PROVINCE, ARGENTINA. MD 4.1 (SAN).	
08	00	40	09.6?	21.96 S	169.61 E	126 ?	4.0	1.0	30 LOYALTY ISLANDS REGION	
08	01	06	02.9	28.698 N	34.673 E	14 D	4.9	1.0	101 EGYPT. MD 4.6 (HLW).	
08	01	25	09.5	5.923 S	145.909 E	19 D	4.8	1.2	32 EASTERN NEW GUINEA REG., P.N.G. ML 4.9 (PMG).	
08	01	40	49.0*	9.537 S	119.168 E	33 N	4.2	1.1	6 SUMBA REGION, INDONESIA	
08	03	38	18.7	19.058 N	68.006 W	33 N		0.9	25 NORTH ATLANTIC OCEAN	
08	03	45	02.4*	5.982 S	146.240 E	10 G	3.9	0.7	6 EASTERN NEW GUINEA REG., P.N.G.	
08	03	45	20.8	19.198 N	68.079 W	10 G	4.6	1.1	24 NORTH ATLANTIC OCEAN	
08	03	58	58.3	44.246 N	12.170 E	14		1.2	73 NORTHERN ITALY. ML 3.7 (VIE), 3.6 (STR), 3.5 (LDG). MD 3.4 (TRI), 3.3 (ROM).	
08	04	17	01.5	47.719 N	14.282 E	10 G		1.5	22 AUSTRIA. ML 3.0 (GRF), 2.8 (VIE). Felt (IV) at Spital am Pyhrn.	
08	04	19	38.7	6.061 S	146.687 E	45	4.6	1.1	31 EASTERN NEW GUINEA REG., P.N.G.	
08	04	19	50.7	44.341 N	12.058 E	10 G		1.1	15 NORTHERN ITALY. ML 2.8 (LDG). MD 3.0 (TRI).	
08	04	38	47.8	44.479 N	6.868 E	10 G		0.1	5 FRANCE. ML 2.4 (GEN).	
08	04	50	47.3	37.807 N	14.881 E	10 G		1.1	9 SICILY. MD 3.0 (ROM).	
08	05	52	33.5	19.360 N	155.474 W	11			17 HAWAII. <HVO-P>. MD 3.9 (HVO).	
08	06	12	31.3	45.103 N	7.264 E	10 G		1.2	17 NORTHERN ITALY. ML 2.6 (LDG), 2.6 (GEN).	
08	08	04	14.6	36.474 N	120.464 W	11			35 CENTRAL CALIFORNIA. <GM-P>. MD 2.8 (GM). ML 2.8 (PAS), 2.8 (GS).	
08	08	07	43.7	39.175 N	27.550 E	10 G		0.4	5 TURKEY. ML 2.7 (ISK).	
08	09	04	23.5	39.629 N	29.483 E	10 G		0.8	5 TURKEY. ML 2.8 (ISK).	
08	09	25	52.7?	32.52 S	176.86 W	33 N		0.7	11 SOUTH OF KERMADEC ISLANDS	
08	09	47	21.5?	39.18 N	27.62 E	10 G		0.9	4 TURKEY. ML 2.6 (ISK).	

08	10	33	59.5?	39.11	N	27.57	E	10	G	0.6	4	TURKEY. ML 2.7 (ISK).		
08	11	30	26.3%	40.795	N	22.959	E	10	G	0.8	5	GREECE		
08	11	44	05.3?	18.86	N	67.84	W	33	N	0.8	10	MONA PASSAGE		
08	11	47	30.1*	7.530	S	128.278	E	132	?	4.3	1.3	13 BANDA SEA		
08	11	53	09.7*	32.110	S	68.231	W	90	G	0.8	8	MENDOZA PROVINCE, ARGENTINA		
08	11	58	59.0%	40.666	N	23.007	E	10	G	0.9	6	GREECE		
08	12	28	14.9%	39.097	N	27.562	E	10	G	0.0	5	TURKEY. ML 2.7 (ISK).		
08	13	14	24.7%	39.123	N	27.603	E	10	G	0.4	6	TURKEY. ML 2.7 (ISK).		
08	13	44	47.1%	39.749	N	29.512	E	10	G	0.7	8	TURKEY. ML 2.8 (ISK).		
08	14	00	26.4	4.798	S	153.060	E	77	D	5.1	0.8	77 NEW IRELAND REGION, P.N.G.		
08	14	19	17.1%	63.259	N	151.060	W	6			56	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC), 2.9 (PMR).		
08	14	28	15.3*	59.932	N	2.838	E	10	G	0.6	8	NORTH SEA. MD 2.4 (BER).		
08	15	02	27.2%	41.128	N	28.791	E	10	G	0.5	5	TURKEY. ML 2.7 (ISK).		
08	15	46	46.4?	9.28	S	128.54	E	116	?	3.6	1.1	5 TIMOR SEA		
08	15	49	52.8	13.177	N	89.402	W	62		4.5	1.0	56 EL SALVADOR. Felt (III) at San Salvador.		
08	16	17	37.0	37.042	N	139.341	E	5	G	4.3	1.2	14 EASTERN HONSHU, JAPAN		
08	16	20	13.0%	41.260	S	172.469	E	229	?		0.3	15 SOUTH ISLAND, NEW ZEALAND		
08	16	25	51.3%	60.371	N	152.695	W	115		3.4		90 SOUTHERN ALASKA. <AEIC>.		
08	16	41	06.1	32.471	S	68.271	W	140	*		0.7	20 MENDOZA PROVINCE, ARGENTINA. MD 4.1 (SAN).		
08	16	43	08.1	2.913	N	125.412	E	194	*	4.9	1.2	61 TALAUD ISLANDS, INDONESIA		
08	17	21	47.7*	5.779	S	145.956	E	10	G	3.8	0.6	5 EASTERN NEW GUINEA REG., P.N.G.		
08	18	10	05.1	0.707	S	99.047	E	33	N	4.8	0.6	12 SOUTHERN SUMATERA, INDONESIA		
08	18	59	38.3*	51.496	N	7.270	E	10	G		1.0	9 GERMANY. ML 2.8 (LDG), 2.5 (BNS). Felt (IV) in the Flierich area.		
a 08	19	15	49.7	25.414	S	176.607	W	29	D	5.3	4.8	0.9	73 SOUTH OF FIJI ISLANDS. Mw 5.1 (HRV). Ms 4.6 (BRK).	
08	19	29	54.0?	40.38	N	25.34	E	10	G		1.3	6	AEGEAN SEA	
08	20	13	32.1*	36.437	N	23.774	E	33	N		1.5	5	SOUTHERN GREECE. MD 3.1 (ATH).	
08	20	20	42.3%	38.402	N	122.577	W	8				67	NORTHERN CALIFORNIA. <GM-P>. MD 3.5 (GM). ML 3.5 (BRK), 3.3 (GS). Felt (IV) at Kenwood; (III) at Fairfield, St. Helena and Windsor; (II) at Oakville. Felt in Napa, Solano and Sonoma Counties.	
a 08	20	48	54.7	36.183	N	141.669	E	33	D	5.4	4.9	1.0	318 NEAR EAST COAST OF HONSHU, JAPAN. Mw 5.4 (HRV).	
08	20	48	54.8?	44.37	N	7.30	E	10	G		0.2	4	NORTHERN ITALY. ML 1.5 (GEN).	
08	21	14	46.5	5.709	S	129.690	E	199		4.8	1.0	38	BANDA SEA	
08	22	15	04.8%	26.362	S	27.507	E	5	G		0.3	5	REPUBLIC OF SOUTH AFRICA. ML 2.3 (PRE).	
08	23	02	10.9%	61.573	N	150.904	W	62				50	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).	
09	00	22	30.8	36.406	N	4.443	W	99			0.9	46	STRAIT OF GIBRALTAR. mbLg 3.6 (MDD).	
09	00	37	21.4%	43.289	N	18.626	E	10	G		0.5	7	NORTHWESTERN BALKAN REGION	
09	01	02	32.1?	32.51	S	71.74	W	33	N		0.9	12	NEAR COAST OF CENTRAL CHILE. MD 4.2 (SAN).	
09	02	11	29.7	31.549	S	69.379	W	108			1.1	27	SAN JUAN PROVINCE, ARGENTINA. MD 4.3 (SAN).	
a 09	02	14	03.7	14.353	N	53.744	E	10	G	5.3	5.1	1.1	165 ARABIAN SEA. Mw 5.6 (HRV).	
09	02	44	19.2	36.215	N	141.672	E	31	D	5.0	5.0	1.1	126 NEAR EAST COAST OF HONSHU, JAPAN	
09	02	48	17.2	36.207	N	141.772	E	32	D	4.4		0.9	30 NEAR EAST COAST OF HONSHU, JAPAN	
09	03	40	48.1	36.253	N	141.647	E	39	D	4.9	5.2	1.1	145 NEAR EAST COAST OF HONSHU, JAPAN	
09	03	58	51.5	31.113	S	69.177	W	135	*		0.9	18	SAN JUAN PROVINCE, ARGENTINA. MD 4.2 (SAN).	
09	04	27	16.6	13.065	N	144.735	E	66		4.9	0.9	100	MARIANA ISLANDS. Felt (IV) in the Merizo-Dededo area, Guam.	
09	05	01	34.8?	36.53	N	141.51	E	46	?	4.3	1.4	13	NEAR EAST COAST OF HONSHU, JAPAN	
09	06	23	17.6*	57.459	S	27.082	W	33	N	5.0	1.3	12	SOUTH SANDWICH ISLANDS REGION	
09	06	43	26.1%	35.022	N	116.971	W	5				5	CENTRAL CALIFORNIA. <PAS-P>. ML 2.7 (PAS).	
09	07	24	19.1%	60.052	N	152.558	W	92				53	SOUTHERN ALASKA. <AEIC>.	
09	09	52	07.7?	45.40	N	25.14	E	10	G		1.3	5	ROMANIA	
09	09	56	33.2	39.766	N	29.340	E	10	G		1.2	7	TURKEY. ML 2.8 (ISK).	
09	10	00	22.9%	34.558	N	116.556	W	6				6	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).	
09	10	01	30.4%	39.113	N	27.593	E	10	G		0.7	5	TURKEY. ML 2.7 (ISK).	
09	10	03	15.0%	39.138	N	27.547	E	10	G		0.4	5	TURKEY. ML 2.7 (ISK).	
09	10	18	17.5?	40.76	N	29.61	E	5	G		0.3	4	TURKEY. ML 2.8 (ISK).	
09	10	24	54.2*	34.321	N	3.495	W	10	G		1.2	12	MOROCCO. mbLg 2.9 (MDD).	
09	10	44	44.2%	39.128	N	27.525	E	10	G		0.3	5	TURKEY. ML 2.7 (ISK).	
09	11	57	11.0%	61.282	N	150.704	W	43				43	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).	
09	12	18	09.0%	39.241	N	27.824	E	10	G		0.5	6	TURKEY. ML 2.7 (ISK).	
09	13	20	44.1	42.678	N	23.988	E	18			0.7	13	BULGARIA	
09	13	32	50.5	43.905	N	7.198	E	10	G		0.6	10	NEAR SOUTH COAST OF FRANCE. ML 1.0 (STR).	
09	13	35	40.4*	5.791	S	146.017	E	10	G		1.0	5	EASTERN NEW GUINEA REG., P.N.G.	
09	13	37	45.3?	40.66	N	29.50	E	10	G		0.4	4	TURKEY. ML 2.7 (ISK).	
09	13	40	05.6?	4.20	S	139.46	E	33	N	4.7	1.3	7	IRIAN JAYA, INDONESIA	
09	13	45	21.2	39.228	N	21.734	E	10	G		1.2	14	GREECE. MD 2.9 (ATH).	
09	13	46	25.8	44.217	N	12.196	E	21			1.2	96	NORTHERN ITALY. ML 4.1 (VIE), 3.8 (LDG), 3.7 (STR). MD 3.8 (TRI), 3.6 (ROM).	
09	13	52	52.2	44.169	N	12.246	E	10	G		1.2	40	NORTHERN ITALY. ML 3.5 (VIE), 3.4 (LDG). MD 3.5 (TRI), 3.2 (ROM).	
09	14	18	56.7%	28.033	S	26.803	E	5	G		1.3	6	REPUBLIC OF SOUTH AFRICA. ML 2.7 (PRE).	
09	14	34	25.1?	32.09	S	71.76	W	10	G		0.8	9	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).	
09	14	46	42.3%	33.978	S	70.434	W	110	G		0.1	9	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).	
09	15	14	47.8?	36.39	S	70.67	W	108	*	4.5	0.9	17	CHILE-ARGENTINA BORDER REGION. MD 4.3 (SAN).	
09	17	16	47.4%	31.559	S	68.027	W	33	N		0.6	7	SAN JUAN PROVINCE, ARGENTINA	
09	17	34	22.8%	61.923	N	150.870	W	67				59	SOUTHERN ALASKA. <AEIC>. ML 2.8 (AEIC), 3.2 (PMR).	
09	17	53	59.8	26.625	S	26.618	E	5	G		1.3	15	REPUBLIC OF SOUTH AFRICA. ML 3.6 (PRE). mbLg 3.3 (BUL).	
09	18	11	07.3*	35.169	S	70.102	W	167	?		0.7	17	CHILE-ARGENTINA BORDER REGION. MD 3.9 (SAN).	
09	19	08	14.0	44.201	N	12.213	E	22			1.1	67	NORTHERN ITALY. ML 3.4 (VIE), 3.3 (LDG). MD 3.4 (TRI), 3.3 (ROM).	
09	19	13	14.7	36.417	N	28.284	E	11			0.8	15	DODECANESE ISLANDS. ML 3.8 (CSS), 3.5 (ISK). MD 3.8 (ATH).	
09	20	15	30.0*	39.283	N	20.452	E	10	G		1.4	5	GREECE-ALBANIA BORDER REGION. MD 2.9 (ATH).	
09	20	33	51.8%	62.896	N	143.917	W	5				28	CENTRAL ALASKA. <AEIC>. ML 2.9 (AEIC).	
09	21	20	00.6%	39.612	S	177.520	E	93	*		0.8	23	OFF E. COAST OF N. ISLAND, N.Z.	
09	21	55	07.0%	38.863	S	29.862	E	10	G		1.0	5	TURKEY. ML 3.0 (ISK).	
09	21	57	48.1	36.313	N	141.812	E	33	D	4.5	4.3	1.3	46	NEAR EAST COAST OF HONSHU, JAPAN
09	22	01	14.1	36.648	N	7.695	W	29		4.3	1.1	79	STRAIT OF GIBRALTAR. mbLg 4.1 (MDD). Felt.	
09	22	01	40.7	36.172	N	142.102	E	10	G	4.2	1.3	26	OFF EAST COAST OF HONSHU, JAPAN	
09	22	09	49.0	36.283	N	141.846	E	34	D	4.4	4.8	1.4	43	NEAR EAST COAST OF HONSHU, JAPAN
09	23	17	11.4?	28.59	N	34.43	E	10	G		1.0	6	EGYPT	
a 09	23	44	26.2	28.764	S	178.396	W	268		5.0	1.0	74	KERMADEC ISLANDS REGION. Mw 5.3 (HRV). Felt (III) on	

11	07 57 23.9	28.539 N	128.483 E	10 G	4.4	1.2	22	RYUKYU ISLANDS
11	08 04 47.5?	39.16 N	27.61 E	10 G		0.7	4	TURKEY. ML 2.7 (ISK).
11	08 23 25.2	19.413 N	64.397 W	33 N	4.3	1.0	30	VIRGIN ISLANDS. ML 4.7 (FDF).
11	08 23 53.1*	13.730 N	123.203 E	15 D	4.5 4.3	1.2	29	LUZON, PHILIPPINE ISLANDS. Felt (III RF) in southern Luzon.
11	08 34 41.0*	28.537 N	128.408 E	33 N	4.0	1.6	16	RYUKYU ISLANDS
11	08 38 04.6*	20.464 S	68.796 W	153 *	4.4	1.5	13	CHILE-BOLIVIA BORDER REGION
11	08 49 47.2?	18.03 N	66.98 W	10 G		0.3	4	PUERTO RICO REGION
11	09 02 48.2?	39.08 N	27.63 E	10 G		1.3	4	TURKEY. ML 2.7 (ISK).
11	09 10 23.2	36.171 N	141.743 E	37 D	4.5	1.3	45	NEAR EAST COAST OF HONSHU, JAPAN
11	09 18 43.3?	39.26 N	27.74 E	10 G		0.6	4	TURKEY. ML 2.8 (ISK).
11	09 29 24.4	41.966 N	23.167 E	10 G		0.4	9	GREECE-BULGARIA BORDER REGION. ML 2.0 (SKO).
11	09 45 01.9?	39.13 N	27.52 E	10 G		0.1	4	TURKEY. ML 2.7 (ISK).
f 11	10 13 55.3	4.543 S	153.147 E	46 G	5.7 5.5	1.0	319	NEW IRELAND REGION, P.N.G. Mw 5.9 (GS), 6.0 (HRV). Ms 5.5 (BRK). Mo=1.0*10**18 Nm (PPT). Felt (IV) at Rabaul, New Britain. Depth from broadband displacement seismograms.
11	10 30 53.1?	39.09 N	27.54 E	10 G		0.5	4	TURKEY. ML 2.8 (ISK).
11	10 53 12.7&	38.754 N	122.738 W	3			31	NORTHERN CALIFORNIA. <GM-P>. MD 2.9 (GM).
11	11 16 27.3?	11.04 N	62.20 W	80 G		0.2	6	WINDWARD ISLANDS. MD 2.9 (TRN).
11	12 12 32.4*	39.075 N	21.853 E	33 N		1.5	18	GREECE
11	12 15 59.4	47.692 N	146.945 E	440 D	4.5	0.8	107	NORTHWEST OF KURIL ISLANDS
11	12 23 20.7?	39.15 N	28.22 E	10 G		0.7	4	TURKEY. ML 2.9 (ISK).
11	13 32 14.5&	42.124 N	19.023 E	10 G		0.2	8	NORTHWESTERN BALKAN REGION
11	13 36 37.6&	39.210 N	28.060 E	10 G		0.7	8	TURKEY. ML 3.2 (ISK).
11	13 49 58.9&	26.323 S	27.716 E	5 G		1.2	5	REPUBLIC OF SOUTH AFRICA. ML 2.5 (PRE).
11	13 59 44.4*	30.954 S	177.371 W	33 N	5.1	1.5	18	KERMADEC ISLANDS, NEW ZEALAND
11	14 16 44.8	41.035 N	22.340 E	10 G		0.8	14	NORTHWESTERN BALKAN REGION. ML 2.1 (SKO).
11	14 49 44.7&	44.248 N	1.744 E	10 G		0.7	6	FRANCE. ML 2.5 (LDG).
11	14 53 37.7*	19.882 S	163.450 E	32 D	4.6 4.0	1.2	25	NEW CALEDONIA
11	15 16 09.3&	37.477 N	118.800 W	10			40	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.2 (GM). ML 3.2 (GS), 3.1 (BRK).
11	15 17 37.7	45.646 N	14.254 E	10 G		0.3	6	NORTHWESTERN BALKAN REGION. MD 2.5 (LJU), 2.2 (TRI).
11	15 24 34.0?	38.85 N	29.90 E	10 G		0.5	4	TURKEY. ML 2.9 (ISK).
11	15 26 51.8&	63.101 N	150.963 W	134			58	CENTRAL ALASKA. <AEIC>.
11	15 38 24.4*	6.052 S	146.713 E	33 N	3.9	1.3	6	EASTERN NEW GUINEA REG., P.N.G. ML 4.0 (PMG).
11	15 41 57.8?	14.91 N	60.56 W	33 N		0.1	5	WINDWARD ISLANDS. ML 2.6 (FDF).
11	16 14 26.3	44.366 N	7.300 E	10 G		0.2	10	NORTHERN ITALY. ML 2.2 (LDG).
11	16 30 11.4&	26.816 S	26.719 E	5 G		0.6	8	REPUBLIC OF SOUTH AFRICA. ML 2.8 (PRE).
a 11	16 46 42.3	13.813 N	90.437 W	71 D	5.5	1.1	170	NEAR COAST OF GUATEMALA. Mw 5.6 (GS), 5.6 (HRV). Felt (IV) at San Salvador, El Salvador.
11	17 50 47.4	41.965 N	19.364 E	10 G		0.5	10	ALBANIA
11	17 52 46.3&	53.334 N	1.022 W	5 G		0.3	8	UNITED KINGDOM. ML 2.2 (BGS). Felt (IV) at Ranskill.
11	18 21 35.7?	20.89 S	68.89 W	147 *	4.6	1.0	14	CHILE-BOLIVIA BORDER REGION
11	18 26 43.4&	38.543 S	175.622 E	200 G		0.9	21	NORTH ISLAND, NEW ZEALAND
11	18 28 35.8&	39.144 N	28.222 E	10 G		1.3	5	TURKEY. ML 2.8 (ISK).
11	18 39 47.3&	26.347 S	27.473 E	5 G		0.2	5	REPUBLIC OF SOUTH AFRICA. ML 2.8 (PRE).
11	18 48 07.1	41.474 N	23.816 E	5 G		0.4	11	GREECE-BULGARIA BORDER REGION
11	18 59 38.5&	62.752 N	149.532 W	13			51	CENTRAL ALASKA. <AEIC>. ML 2.9 (AEIC), 3.1 (PMR).
11	19 17 36.9&	59.707 N	153.541 W	133			38	SOUTHERN ALASKA. <AEIC>.
11	19 36 24.8*	14.448 N	119.891 E	33 N		1.3	7	LUZON, PHILIPPINE ISLANDS
11	20 03 30.3?	39.23 N	28.05 E	10 G		1.6	4	TURKEY. ML 2.8 (ISK).
11	21 00 51.0	40.052 N	28.312 E	10 G		0.6	21	TURKEY. ML 3.5 (ISK).
11	21 26 46.2?	17.40 S	179.93 E	550 G	4.5	1.3	28	FIJI ISLANDS
11	21 32 37.4&	26.390 S	27.382 E	5 G		0.7	6	REPUBLIC OF SOUTH AFRICA. ML 2.8 (PRE).
11	23 02 53.0?	19.85 N	64.27 W	33 N		0.7	10	VIRGIN ISLANDS. ML 4.0 (PDF).
11	23 28 11.6&	32.078 S	66.986 W	100 G		1.3	7	SAN LUIS PROVINCE, ARGENTINA
11	23 46 04.1*	51.594 N	170.477 W	33 N	4.3	0.7	21	FOX ISLANDS, ALEUTIAN ISLANDS
12	00 27 54.3*	12.042 N	120.561 E	33 N		0.8	7	MINDORO, PHILIPPINE ISLANDS
12	00 38 05.3?	32.44 S	71.57 W	33 N		0.6	7	NEAR COAST OF CENTRAL CHILE. MD 3.3 (SAN).
12	01 42 33.1?	31.51 S	68.78 W	100 G		1.5	7	SAN JUAN PROVINCE, ARGENTINA
12	03 16 39.7&	63.285 N	148.949 W	80			81	CENTRAL ALASKA. <AEIC>.
12	03 27 45.9?	31.81 S	72.11 W	27	4.8	1.5	26	OFF COAST OF CENTRAL CHILE. MD 4.4 (SAN).
12	03 29 09.0*	22.069 N	142.731 E	256 *	4.5	1.2	38	VOLCANO ISLANDS REGION
12	03 59 05.0&	43.066 N	0.641 W	10 G		0.2	7	PYRENEES. ML 1.0 (STR).
12	04 28 25.7?	32.00 S	72.07 W	33 N		0.6	17	OFF COAST OF CENTRAL CHILE. MD 4.1 (SAN).
12	04 46 43.5*	39.355 N	20.567 E	10 G		1.4	11	GREECE-ALBANIA BORDER REGION
12	05 17 23.9?	5.18 S	138.85 E	33 N	4.3	0.8	8	NEAR SOUTH COAST OF IRIAN JAYA
12	05 31 09.5&	35.677 N	118.324 W	11			65	CENTRAL CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.5 (BRK). MD 3.5 (GM). Felt (IV) at Wofford Heights. Felt (III) at Kernville and Lake Isabella.
12	05 34 56.6?	15.08 N	60.51 W	33 N		0.3	6	LEEWARD ISLANDS. ML 2.6 (FDF).
12	06 17 16.1	21.253 N	119.662 E	30 D	4.6	1.4	38	TAIWAN REGION. ML 4.2 (BJI).
12	07 16 24.9?	7.92 S	127.64 E	116 ?	4.5	0.5	6	BANDA SEA
12	07 58 26.7?	39.11 N	27.54 E	10 G		0.9	4	TURKEY. ML 2.6 (ISK).
12	08 10 16.9?	51.81 N	170.44 W	33 N	4.4	1.2	13	FOX ISLANDS, ALEUTIAN ISLANDS
12	09 01 45.9&	40.367 N	124.562 W	18			23	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 3.0 (GM). ML 2.8 (GS).
12	09 21 46.7?	41.98 N	7.63 W	10 G		0.2	4	PORTUGAL. mbLg 2.3 (MDD).
12	09 23 05.1&	61.765 N	150.436 W	39			76	SOUTHERN ALASKA. <AEIC>. ML 2.8 (AEIC).
12	09 23 35.6&	40.460 N	23.534 E	5 G		0.3	6	GREECE
12	09 27 17.2*	31.268 S	71.981 W	33 N		0.6	13	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
12	09 27 49.1	37.761 N	21.010 E	31		1.0	18	SOUTHERN GREECE. MD 3.3 (ATH).
12	09 28 03.8&	42.018 N	7.687 W	10 G		0.7	7	SPAIN. mbLg 3.3 (MDD). Felt (IV) in the Ganzo de Limia area.
12	09 33 24.1?	39.09 N	27.61 E	10 G		0.2	4	TURKEY. ML 2.8 (ISK).
12	09 42 37.9&	44.442 N	7.305 E	10 G		0.1	7	NORTHERN ITALY. ML 1.9 (GEN).
12	09 50 10.9&	33.997 S	71.253 W	55 ?		0.2	9	NEAR COAST OF CENTRAL CHILE. MD 3.4 (SAN).
12	09 58 11.3&	39.250 N	27.701 E	10 G		0.5	5	TURKEY. ML 2.7 (ISK).
12	10 11 37.6	54.828 N	160.266 W	33 N	4.9	1.0	38	ALASKA PENINSULA
12	10 39 16.8*	19.869 S	163.399 E	33 N	4.5 4.1	1.3	24	NEW CALEDONIA
12	10 50 27.7?	39.70 N	29.41 E	10 G		0.2	4	TURKEY. ML 2.7 (ISK).
12	11 02 18.1?	39.13 N	27.58 E	10 G		0.9	4	TURKEY. ML 2.7 (ISK).

a	12	11 16 33.6	51.414 N	177.976 W	33 N	5.2 5.1	1.2	266	ANDREANOF ISLANDS, ALEUTIAN IS. Mw 5.6 (HRV). ML 5.2 (PMR). Mo=2.1*10**17 Nm (PPT). Felt (III) on Adak.
	12	11 28 43.7%	44.282 N	7.408 E	10 G		0.6	5	NORTHERN ITALY. ML 2.0 (GEN).
	12	11 32 11.7?	28.78 N	34.69 E	10 G		0.8	4	EGYPT
	12	11 58 58.5?	39.05 N	27.60 E	10 G		1.1	4	TURKEY. ML 2.6 (ISK).
	12	12 03 12.9%	39.690 N	29.466 E	10 G		0.3	5	TURKEY. ML 2.7 (ISK).
	12	12 26 37.6?	31.82 S	72.40 W	33 N	4.8	1.1	20	OFF COAST OF CENTRAL CHILE. MD 4.2 (SAN).
	12	13 08 45.5	41.627 N	22.295 E	10 G		1.0	7	NORTHWESTERN BALKAN REGION. ML 2.2 (SKO).
	12	13 13 23.7?	39.26 N	27.62 E	10 G		0.4	4	TURKEY. ML 2.8 (ISK).
	12	13 14 16.2*	17.051 N	61.494 W	32		0.7	12	LEEWARD ISLANDS. ML 3.5 (FDF). MD 3.3 (TRN).
	12	13 19 50.3	44.214 N	12.214 E	10 G		1.1	74	NORTHERN ITALY. ML 4.1 (VIE), 3.9 (LDG), 3.6 (STR). MD 3.7 (TRI).
	12	13 27 28.1	18.120 N	76.533 E	10 G	4.6	0.8	34	SOUTHERN INDIA. At least 25 people injured and more than 100 houses damaged in the Latur area. Felt in the Osmanabad-Sholapur-Gulbarga area.
	12	13 45 12.0	42.714 N	24.114 E	10 G		0.8	10	BULGARIA
	12	13 49 23.6*	40.929 N	51.907 E	33 N	4.4	1.1	11	CASPIAN SEA
	12	14 16 29.9	22.054 N	121.983 E	180 D	5.1	1.3	106	TAIWAN REGION
	12	14 20 11.2?	12.61 S	166.06 E	273 ?	5.0	1.4	26	SANTA CRUZ ISLANDS
	12	15 08 19.6%	61.594 N	4.993 E	10 G		0.8	6	SOUTHERN NORWAY. MD 1.6 (BER).
	12	15 24 34.6*	13.485 N	91.322 W	33 N	3.9	0.8	10	NEAR COAST OF GUATEMALA. Felt (II) at Ahuachapan, El Salvador.
	12	15 28 12.1	23.969 N	142.369 E	657	4.6	0.8	107	VOLCANO ISLANDS REGION
	12	15 34 40.4%	26.882 S	26.672 E	5 G		0.6	6	REPUBLIC OF SOUTH AFRICA. ML 2.3 (PRE).
	12	15 57 17.7%	42.477 N	6.988 W	5 G		0.5	6	SPAIN. mbLg 2.4 (MDD).
	12	16 51 58.7*	44.218 N	16.305 E	10 G		1.3	10	NORTHWESTERN BALKAN REGION. MD 2.9 (TRI). ML 2.5 (LJU).
	12	17 06 34.3%	40.779 S	172.776 E	250 G		0.5	19	OFF W. COAST OF S. ISLAND. N.Z.
	12	17 37 30.3%	63.332 N	149.243 W	102			75	CENTRAL ALASKA. <AEIC>.
	12	18 43 54.3%	31.835 S	68.114 W	100 G		0.5	6	SAN JUAN PROVINCE, ARGENTINA
	12	19 19 07.4	4.773 N	127.558 E	107 D	5.0	0.8	63	TALAUD ISLANDS, INDONESIA
	12	19 23 44.6	49.152 N	6.810 E	5 G		0.8	13	GERMANY. ML 2.5 (STR), 2.0 (UCC).
	12	19 48 37.7	15.881 N	60.796 W	33 N		0.4	14	LEEWARD ISLANDS. MD 3.7 (TRN). ML 3.4 (FDF).
	12	19 54 35.7*	59.749 N	12.392 E	10 G		0.9	9	SWEDEN. MD 3.4 (BER). ML 3.0 (UPP). Felt in Varmland.
	12	20 34 54.3	33.758 N	35.628 E	10 G	4.2	1.0	27	JORDAN - SYRIA REGION. ML 4.0 (BHL). Slight damage in Lebanon. Felt in northern Israel and as far south as Zikhron Yaagov.
	12	21 22 05.3*	6.028 S	146.106 E	33 N	3.9	0.8	9	EASTERN NEW GUINEA REG., P.N.G. ML 4.3 (PMG).
	12	21 46 23.3?	41.71 N	22.97 E	5 G		0.2	4	NORTHWESTERN BALKAN REGION
	12	22 17 14.2?	41.51 N	23.00 E	5 G		0.4	5	NORTHWESTERN BALKAN REGION
	12	22 43 27.7%	39.264 N	22.657 E	10 G		0.3	8	GREECE
f	13	00 16 49.0	16.288 N	98.638 W	20 G	5.7 5.3	1.2	215	NEAR COAST OF GUERRERO, MEXICO. Mw 6.0 (GS), 5.7 (HRV). Mo=4.7*10**17 Nm (PPT). Depth from broadband displacement seismograms.
f	13	01 05 45.6*	9.829 N	126.880 E	33 N	4.2	1.3	9	MINDANAO, PHILIPPINE ISLANDS
f	13	01 18 04.1	51.934 N	158.647 E	34 G	6.5 7.0	1.0	699	NEAR EAST COAST OF KAMCHATKA. Mw 7.0 (GS), 7.0 (HRV). Ms 6.7 (BRK). Mo=3.9*10**19 Nm (PPT). Felt (VI) at Petropavlovsk-Kamchatskiy and (IV) at Severo-Kurilsk. Two events about 5.5 seconds apart. Depth from broadband displacement seismograms, based on first event.
	13	01 20 36.7?	14.85 N	60.47 W	33 N		0.2	6	WINDWARD ISLANDS. ML 2.8 (FDF).
	13	01 40 30.4*	51.986 N	158.890 E	33 N	4.5	1.0	25	NEAR EAST COAST OF KAMCHATKA
	13	02 08 26.4	51.990 N	158.759 E	62 D	5.1	1.0	154	NEAR EAST COAST OF KAMCHATKA
	13	02 21 18.3?	15.56 N	98.68 W	33 N		0.1	4	OFF COAST OF GUERRERO, MEXICO
	13	02 24 26.1?	31.21 S	68.80 W	100 G		0.2	4	SAN JUAN PROVINCE, ARGENTINA
	13	02 29 34.4?	31.68 S	71.51 W	33 N		0.4	9	NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	13	04 00 30.7	43.738 N	7.396 E	5 G		0.8	11	NEAR SOUTH COAST OF FRANCE. ML 2.4 (LDG).
	13	04 08 04.2?	44.41 N	150.21 E	33 N	3.9	1.4	14	EAST OF KURIL ISLANDS
	13	05 11 05.9?	16.19 N	98.74 W	33 N	4.2	1.6	17	NEAR COAST OF GUERRERO, MEXICO
	13	05 44 43.4?	30.74 S	117.14 E	10 G		1.0	4	WESTERN AUSTRALIA
	13	05 45 51.4*	32.334 S	71.086 W	80 G		0.5	10	NEAR COAST OF CENTRAL CHILE. MD 3.4 (SAN).
	13	06 13 09.1?	37.89 N	29.51 E	10 G		1.1	4	TURKEY. ML 3.1 (ISK).
	13	06 21 32.9?	38.02 N	29.41 E	10 G		0.3	4	TURKEY. ML 3.1 (ISK).
	13	06 52 12.9	50.148 N	179.769 E	33 N	4.5	1.1	35	RAT ISLANDS, ALEUTIAN ISLANDS
	13	07 01 11.0	50.308 N	7.329 E	10 G		1.4	19	GERMANY. ML 3.0 (LDG), 2.4 (UCC). Felt at Brohl and Vallendar.
	13	07 57 18.5?	38.01 N	29.36 E	10 G		1.6	4	TURKEY. ML 3.0 (ISK).
	13	08 11 04.7?	39.08 N	27.64 E	10 G		0.5	4	TURKEY. ML 2.7 (ISK).
	13	08 25 56.2%	40.503 N	21.799 E	10 G		0.6	6	GREECE
	13	08 26 04.5%	39.140 N	27.620 E	10 G		0.9	5	TURKEY. ML 2.7 (ISK).
	13	08 32 40.7*	31.782 S	68.187 W	100 G		0.6	9	SAN JUAN PROVINCE, ARGENTINA
	13	08 55 30.4?	15.92 N	98.81 W	33 N		1.6	6	OFF COAST OF GUERRERO, MEXICO
	13	08 56 29.8?	52.38 N	158.04 E	33 N	4.4	1.0	12	NEAR EAST COAST OF KAMCHATKA
	13	09 23 46.5	44.233 N	12.181 E	10 G		1.2	26	NORTHERN ITALY. MD 3.1 (TRI), 2.7 (ROM). ML 3.1 (VIE), 2.9 (LDG).
	13	09 31 09.1*	15.313 N	94.649 W	33 N	4.3	1.3	28	NEAR COAST OF OAXACA, MEXICO
	13	09 43 05.4%	31.595 S	68.096 W	33 N		1.1	7	SAN JUAN PROVINCE, ARGENTINA
	13	10 31 30.9	22.428 S	169.725 E	36 D	5.5 5.1	1.1	159	LOYALTY ISLANDS REGION
	13	11 32 54.0?	39.09 N	27.58 E	10 G		0.3	4	TURKEY. ML 2.7 (ISK).
	13	11 38 23.3?	39.26 N	27.84 E	10 G		0.3	4	TURKEY. ML 2.8 (ISK).
	13	12 05 39.6*	36.548 N	70.883 E	174 ?	4.3	0.8	12	HINDU KUSH REGION, AFGHANISTAN
	13	12 30 54.7	16.370 S	70.733 W	123 D	5.3	1.0	216	SOUTHERN PERU. Felt (II) at Arequipa.
	13	12 32 10.7%	39.117 N	27.570 E	10 G		0.6	5	TURKEY. ML 2.8 (ISK).
	13	12 42 55.1%	39.666 N	29.440 E	10 G		0.8	6	TURKEY. ML 2.8 (ISK).
	13	12 45 15.4%	60.190 N	153.105 W	118			44	SOUTHERN ALASKA. <AEIC>.
	13	12 49 44.5?	39.15 N	22.15 E	33 N		0.2	5	GREECE
	13	12 58 21.2%	41.295 S	172.728 E	140 G		1.1	35	SOUTH ISLAND, NEW ZEALAND
	13	14 38 21.1%	37.129 S	178.038 E	33 N		0.4	8	OFF E. COAST OF N. ISLAND, N.Z. ML 3.8 (WEL).
	13	16 11 56.4	44.216 N	12.165 E	10 G		1.2	59	NORTHERN ITALY. ML 3.5 (VIE), 3.3 (LDG). MD 3.4 (TRI), 3.2 (ROM).
	13	17 30 24.4*	18.068 S	167.667 E	33 N	4.4	0.8	5	VANUATU ISLANDS
	13	18 21 01.5?	36.51 N	3.70 W	10 G		0.8	6	STRAIT OF GIBRALTAR. mbLg 2.5 (MDD).
	13	18 50 30.1%	31.312 S	68.160 W	33 N		1.6	6	SAN JUAN PROVINCE, ARGENTINA

13	19	36	56.9	41.894	N	22.634	E	13	0.7	22	NORTHWESTERN BALKAN REGION. ML 3.0 (SKO).	
13	19	44	34.4*	31.653	S	68.406	W	100	G	0.3	6	SAN JUAN PROVINCE, ARGENTINA
13	20	30	06.9*	9.843	N	126.225	E	33	N	1.3	20	MINDANAO, PHILIPPINE ISLANDS
13	20	37	16.9*	39.031	N	29.917	E	10	G	1.7	5	TURKEY. ML 2.8 (ISK).
13	21	14	05.8*	35.951	N	120.498	W	11		61	CENTRAL CALIFORNIA. <GM-P>. MD 3.1 (GM). ML 3.0 (PAS), 3.0 (GS).	
13	22	42	10.5*	7.608	S	127.650	E	33	N	1.4	88	BANDA SEA
13	23	44	22.8	3.211	N	128.151	E	33	N	1.1	70	NORTH OF HALMAHERA, INDONESIA
14	00	42	00.4	32.883	S	68.381	W	5	G	1.0	16	MENDOZA PROVINCE, ARGENTINA. MD 3.5 (SAN).
14	00	51	03.8*	31.775	S	67.955	W	33	N	1.4	5	SAN JUAN PROVINCE, ARGENTINA
f 14	01	59	20.2	22.572	S	68.571	W	112	G	1.0	252	NORTHERN CHILE. Mw 5.8 (GS), 5.8 (HRV). mb 5.8 (BRK). Mo=1.1*10**18 Nm (PPT). Felt (IV) at Antofagasta and Calama. Also felt (II) at Arequipa, Peru. Depth from broadband displacement seismograms.
14	02	13	01.0	42.070	N	20.147	E	10	G	1.3	19	NORTHWESTERN BALKAN REGION. ML 2.8 (TIR).
14	02	14	23.1*	43.09	N	6.90	E	10	G	0.0	4	NEAR SOUTH COAST OF FRANCE. ML 2.0 (LDG).
14	02	52	41.6*	28.034	S	26.772	E	5	G	0.6	6	REPUBLIC OF SOUTH AFRICA. ML 2.9 (PRE).
14	03	19	36.4*	15.71	N	98.83	W	33	N	1.5	9	OFF COAST OF GUERRERO, MEXICO
14	04	02	28.9*	31.30	S	68.85	W	100	G	0.7	5	SAN JUAN PROVINCE, ARGENTINA
14	04	54	13.8*	38.833	N	29.959	E	10	G	1.0	5	TURKEY. ML 3.0 (ISK).
14	05	14	19.6*	38.434	S	176.034	E	160	G	1.2	20	NORTH ISLAND, NEW ZEALAND
14	05	55	36.6*	8.15	S	123.43	E	33	N	1.6	8	FLORES REGION, INDONESIA
14	07	08	51.7*	43.509	N	146.930	E	33	N	1.4	16	KURIL ISLANDS
14	07	10	24.0*	11.517	S	116.891	E	33	N	1.1	27	SOUTH OF SUMBAWA, INDONESIA
14	08	00	53.7*	62.945	N	148.734	W	69		69	CENTRAL ALASKA. <AEIC>. ML 3.1 (AEIC), 3.4 (PMR).	
14	08	24	38.5	36.306	N	71.310	E	111	*	1.1	36	AFGHANISTAN-TAJIKISTAN BORD REG.
14	08	43	27.8	44.227	N	12.299	E	10	G	1.0	17	NORTHERN ITALY. MD 2.8 (ROM), 2.8 (TRI).
14	08	44	47.1*	38.427	S	176.291	E	120	G	1.2	32	NORTH ISLAND, NEW ZEALAND
14	09	22	00.4*	52.13	N	171.32	W	33	N	1.1	15	FOX ISLANDS, ALEUTIAN ISLANDS
14	09	52	50.4	37.986	N	20.111	E	51	*	1.2	47	IONIAN SEA. MD 4.2 (ATH).
14	10	13	54.6*	39.11	N	27.54	E	10	G	0.7	4	TURKEY. ML 2.6 (ISK).
14	10	30	06.5*	28.69	N	34.71	E	10	G	0.5	4	EGYPT
14	10	35	35.8*	5.35	S	145.47	E	33	N	1.6	5	EASTERN NEW GUINEA REG., P.N.G. ML 4.3 (PMG).
14	12	23	44.5*	10.18	N	125.28	E	33	N	1.3	4	LEYTE, PHILIPPINE ISLANDS
14	12	25	34.8*	35.953	N	120.494	W	12		113	CENTRAL CALIFORNIA. <GM-P>. MD 4.8 (GM). ML 4.9 (BRK), 4.6 (PAS). Felt (IV) at Bradley, Cholame, Coalinga, Creston, Parkfield, Paso Robles, Salinas, San Ardo and San Miguel; (III) at Atascadero, Avenal, Cayucos, Five Points, Greenfield, Santa Margarita, Shandon and Soledad.	
14	12	29	14.5*	35.955	N	120.508	W	11		3	CENTRAL CALIFORNIA. <GM-P>. MD 2.6 (GM).	
14	12	29	18.5*	46.583	N	153.548	E	33	N	0.5	14	KURIL ISLANDS
14	12	34	53.8*	35.956	N	120.506	W	11		8	CENTRAL CALIFORNIA. <GM-P>. MD 2.7 (GM).	
14	12	52	59.2*	35.944	N	120.493	W	11		6	CENTRAL CALIFORNIA. <GM-P>. MD 2.7 (GM).	
14	13	20	37.6*	30.66	N	80.36	E	33	N	0.9	11	XIZANG-INDIA BORDER REGION. ML 3.9 (NDI).
14	14	39	33.5*	30.873	S	68.730	W	100	G	0.3	7	SAN JUAN PROVINCE, ARGENTINA
14	15	10	39.9*	44.427	N	7.294	E	10	G	0.5	5	NORTHERN ITALY. ML 1.9 (GEN).
14	15	11	00.3*	37.462	N	1.409	W	10	G	0.8	7	SPAIN. mbLg 2.7 (MDD). Felt (III) in the Mazarron area.
14	16	27	05.2	31.530	S	69.303	W	130	G	0.6	18	SAN JUAN PROVINCE, ARGENTINA. MD 3.8 (SAN).
14	16	44	51.0	40.713	N	22.756	E	10	G	1.1	16	GREECE. ML 3.0 (SKO).
14	17	03	46.2*	38.282	N	0.860	W	10	G	1.2	7	SPAIN. mbLg 2.5 (MDD).
14	18	22	53.1*	13.48	S	167.27	E	254	?	1.4	30	VANUATU ISLANDS
14	19	42	38.9*	61.072	N	151.094	W	54		64	SOUTHERN ALASKA. <AEIC>. ML 2.8 (AEIC), 3.1 (PMR).	
14	19	49	31.6	5.938	S	104.188	E	86	*	1.1	84	SOUTHERN SUMATERA, INDONESIA
14	20	15	42.4*	15.92	N	98.55	W	33	N	0.1	5	OFF COAST OF GUERRERO, MEXICO
14	20	53	57.2	26.015	N	128.444	E	24	D	1.4	38	RYUKYU ISLANDS
14	21	09	48.9	26.075	N	128.460	E	30	D	1.1	57	RYUKYU ISLANDS
14	21	26	02.2	57.759	N	155.594	W	10	G	0.8	21	ALASKA PENINSULA. ML 3.2 (AEIC).
14	22	07	08.8*	6.73	S	130.18	E	33	N	1.0	8	BANDA SEA
14	23	06	03.3*	31.771	S	68.225	W	100	G	0.8	8	SAN JUAN PROVINCE, ARGENTINA
14	23	55	06.5	41.867	N	21.104	E	10	G	1.4	15	NORTHWESTERN BALKAN REGION. ML 3.0 (SKO). Felt (IV) at Gostivar.
15	00	13	30.4*	32.022	S	68.552	W	33	N	1.1	5	MENDOZA PROVINCE, ARGENTINA
15	00	19	59.7	44.812	N	7.919	E	10	G	1.1	66	NORTHERN ITALY. ML 3.5 (GEN), 3.4 (STR), 3.3 (LDG), 3.2 (VIE).
15	01	03	00.2*	22.337	S	170.360	E	18	D	1.5	45	LOYALTY ISLANDS REGION
15	01	18	50.9*	11.88	S	165.38	E	139	?	1.5	12	SANTA CRUZ ISLANDS
15	02	01	44.2*	17.325	S	71.826	W	33	N	1.2	6	NEAR COAST OF PERU. Felt (II) at Arequipa.
15	02	15	13.4*	15.92	N	98.96	W	33	N	1.6	6	OFF COAST OF GUERRERO, MEXICO
15	02	22	54.5*	16.06	N	98.86	W	33	N	1.3	14	NEAR COAST OF GUERRERO, MEXICO
15	02	41	05.2*	28.014	S	26.832	E	5	G	0.8	7	REPUBLIC OF SOUTH AFRICA. ML 3.0 (PRE).
15	02	48	10.6*	41.781	S	172.248	E	5	G	0.9	17	SOUTH ISLAND, NEW ZEALAND. ML 3.7 (WEL).
15	02	55	54.6*	31.69	S	68.87	W	100	G	0.4	6	SAN JUAN PROVINCE, ARGENTINA
15	03	09	34.8*	16.78	S	179.50	W	500	G	1.4	14	FIJI ISLANDS REGION
15	05	03	46.1	39.368	N	0.765	W	10	G	1.1	9	SPAIN. mbLg 3.1 (MDD).
15	05	17	51.1*	28.76	N	34.66	E	10	G	1.5	4	EGYPT
15	05	35	13.6*	28.77	N	34.73	E	10	G	0.9	4	EGYPT
15	06	13	46.5	33.690	N	137.029	E	365		0.9	107	NEAR S. COAST OF HONSHU, JAPAN
15	06	17	54.7*	28.82	N	34.75	E	10	G	1.2	4	EGYPT
15	07	18	44.3*	52.187	N	157.910	E	33	N	1.1	33	KAMCHATKA
15	07	26	12.7*	40.199	S	173.470	E	200	G	0.8	28	COOK STRAIT, NEW ZEALAND
15	07	56	46.2*	28.71	N	34.67	E	10	G	1.1	4	EGYPT
15	08	15	04.5*	43.048	N	18.743	E	5	G	0.2	9	NORTHWESTERN BALKAN REGION
15	08	25	38.5*	39.08	N	27.63	E	10	G	0.5	4	TURKEY. ML 2.7 (ISK).
15	08	37	48.8*	39.09	N	27.61	E	10	G	0.5	4	TURKEY. ML 2.7 (ISK).
15	08	48	37.7*	31.30	S	68.50	W	100	G	0.1	5	SAN JUAN PROVINCE, ARGENTINA
15	08	58	17.6*	39.11	N	27.63	E	10	G	0.3	4	TURKEY. ML 2.7 (ISK).
15	09	22	08.5*	40.339	N	23.190	E	5	G	0.5	6	GREECE
15	10	08	59.3*	42.194	N	125.726	W	10	G	0.6	14	OFF COAST OF OREGON
15	10	16	10.7*	39.12	N	27.57	E	10	G	1.3	4	TURKEY. ML 2.8 (ISK).
15	10	48	57.4*	39.11	N	27.59	E	10	G	0.0	4	TURKEY. ML 2.8 (ISK).
15	11	31	47.3*	39.12	N	27.60	E	10	G	0.8	4	TURKEY. ML 2.7 (ISK).
15	11	32	32.4*	38.248	N	27.079	E	10	G	0.6	5	TURKEY. ML 3.2 (ISK).

15	12	01	32.8?	39.14	N	27.65	E	10	G	1.1	4	TURKEY. ML 2.7 (ISK).
15	12	12	08.1?	39.480	N	0.211	W	10	G	1.4	5	SPAIN. mbLg 2.7 (MDD).
15	12	20	12.7?	39.14	N	27.50	E	10	G	0.1	4	TURKEY. ML 2.6 (ISK).
15	12	22	24.3?	33.89	S	71.94	W	33	N	0.7	10	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
15	12	34	40.7?	10.76	S	110.80	E	33	N	4.6	1.3	9 SOUTH OF JAWA, INDONESIA
15	12	39	43.9?	32.631	S	70.660	W	60	G	0.4	8	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
15	13	22	10.0?	39.07	N	27.67	E	10	G	0.1	4	TURKEY. ML 2.6 (ISK).
15	13	27	59.5?	38.253	S	176.436	E	130	G	1.4	36	NORTH ISLAND, NEW ZEALAND
15	14	49	41.2?	39.650	N	29.502	E	10	G	0.7	7	TURKEY. ML 2.8 (ISK).
15	14	56	59.8?	30.971	N	100.761	E	10	G	4.3	1.5	18 SICHUAN, CHINA. ML 4.1 (BJI).
15	15	04	21.2?	62.19	N	2.98	E	10	G	1.0	6	NORWEGIAN SEA. MD 2.7 (BER).
15	15	53	17.9?	26.39	S	27.35	E	5	G	1.6	4	REPUBLIC OF SOUTH AFRICA
15	16	39	00.6?	38.943	N	27.998	E	10	G	0.5	6	TURKEY. ML 2.9 (ISK).
15	17	14	54.8?	38.08	N	29.15	E	10	G	0.7	4	TURKEY. ML 2.9 (ISK).
15	17	18	59.5	14.846	N	119.967	E	33	N	4.6 4.2	1.0	20 LUZON, PHILIPPINE ISLANDS
15	17	30	10.8?	38.937	N	28.030	E	10	G	0.5	13	TURKEY. ML 3.3 (ISK).
15	17	49	39.4?	38.957	N	28.069	E	10	G	0.5	5	TURKEY. ML 2.8 (ISK).
15	17	54	02.6?	34.171	N	140.227	E	33	N	1.0	13	NEAR EAST COAST OF HONSHU, JAPAN
15	18	49	10.1?	52.126	N	158.458	E	33	N	4.7	0.7	32 NEAR EAST COAST OF KAMCHATKA
15	21	01	28.4?	63.522	N	151.041	W	5			16	CENTRAL ALASKA. <AEIC>. ML 2.9 (AEIC).
15	21	08	17.7?	38.401	S	175.789	E	200	G	0.8	44	NORTH ISLAND, NEW ZEALAND
15	22	09	38.9?	38.90	N	28.08	E	10	G	0.6	4	TURKEY. ML 2.7 (ISK).
15	22	36	39.9?	59.05	N	5.70	E	10	G	0.5	4	SOUTHERN NORWAY. MD 1.9 (BER).
15	22	42	25.5?	43.024	N	18.722	E	10	G	0.5	9	NORTHWESTERN BALKAN REGION
15	22	45	19.3	18.559	S	167.637	E	48	D	5.2 4.8	1.1	111 VANUATU ISLANDS
16	00	53	09.7?	24.368	S	175.835	W	33	N	5.3 5.1	1.4	50 SOUTH OF TONGA ISLANDS
16	01	13	14.5	0.082	N	123.752	E	153	D	4.7	1.0	22 MINAHASSA PENINSULA, SULAWESI
16	01	32	28.6?	26.470	N	55.037	E	33	N	4.3	1.0	12 SOUTHERN IRAN
16	01	46	58.8?	39.526	N	28.834	E	10	G	0.8	13	TURKEY. ML 3.1 (ISK).
16	01	53	27.1?	39.53	N	28.87	E	5	G	0.7	4	TURKEY. ML 2.6 (ISK).
16	02	10	12.0?	31.86	S	71.75	W	33	N	0.5	10	NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN).
16	03	00	32.5	49.178	N	6.906	E	10	G	1.0	24	GERMANY. ML 3.0 (STR), 2.7 (UCC), 2.6 (BNS).
16	03	43	50.6	44.403	N	7.302	E	10	G	0.5	19	NORTHERN ITALY. ML 2.3 (LDG), 2.2 (GEN).
16	03	47	35.4?	7.424	N	126.439	E	150		4.9	1.2	33 MINDANAO, PHILIPPINE ISLANDS
16	05	46	02.1?	15.46	N	61.00	W	100	G	0.1	6	LEEWARD ISLANDS
16	06	20	09.7?	60.027	N	153.721	W	166			45	SOUTHERN ALASKA. <AEIC>.
16	07	26	04.0	43.884	N	107.384	W	5	G	0.8	14	WYOMING. ML 3.5 (GS).
16	08	18	47.2?	59.282	N	136.355	W	0			9	SOUTHEASTERN ALASKA. <AEIC>. ML 2.6 (AEIC).
16	08	36	19.1?	39.08	N	27.58	E	10	G	0.1	4	TURKEY. ML 2.6 (ISK).
16	09	11	38.1?	39.11	N	27.63	E	10	G	0.5	4	TURKEY. ML 2.7 (ISK).
16	09	31	44.2?	45.182	N	73.495	W	17		3.8	32	SOUTHERN QUEBEC, CANADA. <OTT-P>. mbLg 4.4 (OTT), 4.1 (GS). Felt strongly at Napierville. Felt in the Montreal area and by a few people in the Ottawa area. Felt (V) at Mooers, New York and (IV) at Altona, Chazy, Dannemora, Ellenburg, Ellenburg Depot, Malone, Rouses Point, Schuyler Falls and West Chazy, New York. Also felt (IV) at Albany, Bakersfield, Burlington, Fairfield, Franklin, Guildhall, Jeffersonville, Milton, Richford, Saint Albans and Stowe, Vermont.
16	11	18	45.6?	18.566	N	63.141	W	31		0.4	14	LEEWARD ISLANDS. ML 4.0 (FDF).
16	11	54	53.7	39.700	N	20.450	E	10	G	0.8	12	GREECE-ALBANIA BORDER REGION
16	11	59	57.5	8.679	S	111.439	E	33	N	4.8 4.8	1.0	51 JAWA, INDONESIA
16	12	11	35.6?	40.72	N	22.74	E	5	G	0.1	4	GREECE
16	13	18	36.4?	10.260	S	75.592	W	33	N	4.3	1.5	15 CENTRAL PERU
16	14	11	59.1?	12.523	N	124.839	E	33	N	1.6	12	SAMAR, PHILIPPINE ISLANDS
16	15	02	16.7	14.616	N	144.195	E	19	D	4.8 4.4	1.0	42 MARIANA ISLANDS
16	15	27	55.2	9.223	N	124.127	E	542		4.7	0.9	39 MINDANAO, PHILIPPINE ISLANDS
16	15	34	04.4?	60.596	N	149.264	W	29			75	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.7 (AEIC).
16	15	45	49.7	48.352	N	7.737	E	10	G	1.1	25	FRANCE. ML 3.3 (LDG), 3.1 (GRF), 2.7 (STR).
a 16	15	52	48.5	30.798	N	67.219	E	27	D	5.4 5.6	1.2	273 PAKISTAN. Mw 5.6 (HRV). At least 150 houses destroyed in the Pishin area. Felt at Quetta.
16	16	14	06.8?	61.391	N	151.584	W	78			41	SOUTHERN ALASKA. <AEIC>.
16	16	22	35.8	39.959	S	176.200	E	33	N	4.7	1.2	42 NORTH ISLAND, NEW ZEALAND. ML 4.6 (WEL).
16	16	29	09.2?	42.550	N	18.604	E	10	G	0.3	9	NORTHWESTERN BALKAN REGION
16	17	00	25.7?	60.979	N	9.514	E	10	G	0.4	5	SOUTHERN NORWAY. MD 1.8 (BER).
16	17	09	37.2?	27.47	N	140.02	E	33	N	4.1	1.2	7 BONIN ISLANDS REGION
16	18	29	59.8?	28.069	S	26.696	E	5	G	1.4	11	REPUBLIC OF SOUTH AFRICA. ML 3.3 (PRE).
16	18	30	20.7?	41.46	N	23.48	E	5	G	1.1	5	GREECE-BULGARIA BORDER REGION
16	19	47	38.0?	33.01	S	68.99	W	5	G	1.0	5	MENDOZA PROVINCE, ARGENTINA. Felt (II) at Mendoza.
16	20	05	39.6?	36.85	N	8.84	W	10	G	1.0	12	WEST OF GIBRALTAR. MD 3.1 (RBA). mbLg 3.0 (MDD).
16	20	13	25.4?	43.556	N	5.252	W	10	G	1.1	7	SPAIN. mbLg 2.8 (MDD).
16	22	47	46.7?	28.69	N	34.78	E	10	G	0.2	4	EGYPT
16	23	17	04.1?	28.22	N	139.20	E	531	?	4.1	0.7	11 BONIN ISLANDS REGION
16	23	38	18.6?	46.85	N	150.06	E	178	?	4.2	0.9	7 KURIL ISLANDS
17	00	17	05.9?	39.462	N	29.056	E	10	G	0.8	10	TURKEY. ML 3.0 (ISK).
a 17	00	19	39.9	52.630	N	168.068	W	33	N	5.4 4.6	1.2	226 FOX ISLANDS, ALEUTIAN ISLANDS. Mw 5.2 (HRV).
17	00	29	03.9	42.602	N	10.737	E	10	G	1.0	104	CENTRAL ITALY. ML 4.0 (VIE), 3.9 (LDG), 3.6 (ROM). MD 3.8 (TRI).
17	01	24	59.0?	40.279	N	27.460	E	5	G	0.4	7	TURKEY. ML 2.7 (ISK).
17	02	11	30.4	49.124	N	6.879	E	10	G	0.9	16	GERMANY. ML 2.7 (STR), 2.3 (UCC).
17	02	11	58.7?	59.807	N	153.756	W	135			98	SOUTHERN ALASKA. <AEIC>.
17	02	19	08.2?	40.303	N	29.122	E	10	G	0.7	10	TURKEY. ML 3.1 (ISK).
a 17	02	42	29.6?	1.577	N	124.033	E	240	D	5.6	1.0	275 MINAHASSA PENINSULA, SULAWESI. Mw 5.5 (HRV).
17	02	47	55.8?	13.68	S	167.35	E	241	?	4.8	1.1	57 VANUATU ISLANDS
17	03	51	50.2?	40.278	N	29.173	E	5	G	0.7	5	TURKEY
17	03	54	43.8?	48.40	N	7.82	E	10	G	0.3	4	FRANCE. ML 2.2 (LDG).
17	04	04	28.1?	6.79	S	147.93	E	33	N	4.1	1.7	13 EASTERN NEW GUINEA REG., P.N.G. ML 4.8 (PMG).
17	04	34	52.6?	40.294	N	29.198	E	10	G	0.7	6	TURKEY. ML 2.6 (ISK).
17	04	38	39.7?	42.981	N	17.746	E	10	G	1.1	10	ADRIATIC SEA
17	05	15	53.6?	34.55	N	26.10	E	33	N	0.6	5	CRETE. MD 4.2 (ATH).
17	06	33	27.2?	34.178	N	25.742	E	33	N	4.0	1.3	24 CRETE. MD 4.3 (ATH).
17	06	57	37.0?	41.796	N	126.221	W	10	G	0.6	19	OFF COAST OF NORTHERN CALIFORNIA
17	07	06	41.4?	31.43	S	68.64	W	100	G	0.1	4	SAN JUAN PROVINCE, ARGENTINA

17	08 04 59.3*	37.666 N	21.950 E	20	0.6	9	SOUTHERN GREECE. MD 3.3 (ATH).	
17	08 45 35.0?	39.09 N	27.58 E	10 G	0.9	4	TURKEY. ML 2.7 (ISK).	
17	08 51 49.9?	39.11 N	27.64 E	10 G	0.3	4	TURKEY. ML 2.7 (ISK).	
17	08 59 39.4	57.377 N	157.179 W	33 N 4.3	1.0	34	ALASKA PENINSULA. ML 4.2 (AEIC), 4.0 (PMR). Felt (IV) at Pilot Point.	
17	09 04 11.8?	40.62 N	29.43 E	10 G	0.6	4	TURKEY. ML 2.5 (ISK).	
17	09 12 38.0	31.509 S	71.597 W	58 *	4.8	1.2	30	NEAR COAST OF CENTRAL CHILE. MD 4.6 (SAN). Felt (IV) at Canela Baja, Los Vilos and Petorca.
17	11 01 40.7?	27.81 S	26.98 E	5 G	1.4	5	REPUBLIC OF SOUTH AFRICA	
17	11 15 39.0?	6.74 S	147.87 E	33 N	1.6	6	EASTERN NEW GUINEA REG., P.N.G. ML 4.6 (PMG).	
f 17	11 18 51.6	51.816 N	158.659 E	33 G	6.1 5.6	0.9	574	NEAR EAST COAST OF KAMCHATKA. Mw 6.0 (GS), 6.0 (HRV). Ms 5.4 (BRK). Felt (V) at Petropavlovsk-Kamchatskiy and (III) at Severo-Kurilsk. Depth from broadband displacement seismograms.
17	12 54 03.0*	14.866 N	93.176 W	83 *	4.4	1.4	25	NEAR COAST OF CHIAPAS, MEXICO
17	14 39 36.1?	39.96 N	27.45 E	10 G	1.5	4	4	TURKEY. ML 3.0 (ISK).
17	15 20 06.6?	32.78 S	69.56 W	33 N	1.7	6	6	MENDOZA PROVINCE, ARGENTINA
17	15 35 12.4*	6.379 S	130.003 E	156 *	5.0	0.9	25	BANDA SEA
17	16 13 45.6	40.530 N	20.027 E	10 G	1.0	13	13	GREECE-ALBANIA BORDER REGION. ML 2.6 (TIR).
17	17 13 19.8*	40.795 N	23.740 E	10 G	0.5	6	6	GREECE
17	17 50 55.6	43.187 N	0.233 E	18	1.4	54	54	FRANCE. ML 3.8 (LDG). MD 3.8 (BTH). mbLg 3.7 (MDD). Felt (IV) in Bigorre.
17	18 23 29.5*	27.982 S	26.757 E	5 G	0.7	6	6	REPUBLIC OF SOUTH AFRICA. ML 2.6 (PRE).
17	19 23 23.4*	40.954 N	22.569 E	10 G	0.8	9	9	GREECE
17	19 26 12.1?	24.39 N	94.70 E	113 *	4.1	0.3	9	MYANMAR-INDIA BORDER REGION
17	20 02 10.2?	28.72 N	34.69 E	10 G	0.9	4	4	EGYPT
17	20 22 20.0*	37.147 N	4.984 W	10 G	0.9	6	6	SPAIN. mbLg 2.3 (MDD).
17	22 07 21.4*	40.553 N	19.671 E	10	0.9	33	33	ALBANIA. ML 3.4 (TIR).
17	22 30 12.5	42.138 N	125.747 W	10 G	0.4	36	36	OFF COAST OF OREGON
17	22 39 07.0?	5.87 S	146.06 E	33 N	4.0	1.1	4	EASTERN NEW GUINEA REG., P.N.G.
18	01 24 57.3	42.992 N	18.775 E	5 G	0.5	10	10	NORTHWESTERN BALKAN REGION
18	01 29 28.3?	31.96 S	72.46 W	10 G	1.2	16	16	OFF COAST OF CENTRAL CHILE. MD 4.2 (SAN).
18	01 31 23.0*	32.947 S	178.615 W	33 N	4.7	1.6	12	SOUTH OF KERMADec ISLANDS
18	03 19 47.0	42.014 N	19.324 E	10 G	0.3	8	8	NORTHWESTERN BALKAN REGION
18	03 42 54.2	40.589 N	21.293 E	10 G	0.6	10	10	GREECE
18	04 00 57.1*	40.465 N	21.193 E	5 G	0.3	5	5	GREECE
18	04 01 34.7*	39.686 N	21.541 E	10 G	0.5	5	5	GREECE
18	04 18 39.2?	38.75 N	26.49 E	10 G	0.6	4	4	AEGEAN SEA. ML 3.2 (ISK).
18	04 26 15.5	47.513 N	7.184 E	10 G	0.8	19	19	SWITZERLAND. ML 2.6 (LDG), 2.2 (STR).
18	04 49 55.4*	26.449 S	27.334 E	5 G	0.7	6	6	REPUBLIC OF SOUTH AFRICA. ML 2.8 (PRE).
18	05 39 13.8	42.987 N	18.773 E	10 G	0.6	10	10	NORTHWESTERN BALKAN REGION
18	06 42 04.4*	62.151 N	148.268 W	36	60	60	60	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC).
18	06 55 43.8	19.688 N	63.976 W	33 N	4.2	1.3	35	LEEWARD ISLANDS. MD 4.8 (TRN). ML 4.7 (FDF).
18	07 01 06.1?	31.37 S	68.48 W	100 G	0.3	4	4	SAN JUAN PROVINCE, ARGENTINA
18	07 02 46.3?	2.34 N	125.95 E	113 ?	4.7	1.4	14	TALAUD ISLANDS, INDONESIA
18	07 13 55.0*	31.659 S	68.880 W	100 G	0.6	7	7	SAN JUAN PROVINCE, ARGENTINA
18	07 20 36.4*	66.565 N	148.081 W	10 G	12	12	12	NORTHERN ALASKA. <AEIC>. ML 2.7 (AEIC).
18	07 35 01.1*	62.009 N	149.357 W	37	58	58	58	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC), 3.3 (PMR).
18	08 59 19.5?	11.96 N	89.39 W	33 N	4.2	0.7	7	OFF COAST OF CENTRAL AMERICA. Felt (II) at San Salvador, El Salvador.
18	10 08 59.7?	39.06 N	27.68 E	10 G	0.5	4	4	TURKEY. ML 2.7 (ISK).
18	10 23 25.3	42.995 N	18.767 E	10 G	0.7	10	10	NORTHWESTERN BALKAN REGION
18	10 26 07.9	43.076 N	18.732 E	10 G	0.4	9	9	NORTHWESTERN BALKAN REGION
18	11 38 00.4*	6.546 S	152.804 E	33 N	5.0	1.3	13	NEW BRITAIN REGION, P.N.G.
18	11 56 43.7?	39.21 N	29.07 E	5 G	1.3	4	4	TURKEY. ML 2.8 (ISK).
18	12 00 40.3*	30.637 S	72.131 W	80 G	1.1	14	14	OFF COAST OF CENTRAL CHILE
18	12 08 28.4	43.009 N	18.788 E	5 G	0.5	10	10	NORTHWESTERN BALKAN REGION
18	12 24 57.0	49.171 N	6.925 E	10 G	1.1	18	18	GERMANY. ML 3.1 (STR), 2.8 (BNS), 2.6 (UCC).
18	12 56 18.5*	31.829 S	69.047 W	100 G	0.6	6	6	SAN JUAN PROVINCE, ARGENTINA
18	13 07 48.6	2.376 N	126.584 E	33 N	4.9 4.2	1.0	29	NORTHERN MOLUCCA SEA
18	13 39 23.3	43.015 N	18.824 E	5 G	0.3	10	10	NORTHWESTERN BALKAN REGION
18	14 01 31.9*	18.366 N	76.882 E	33 N	0.7	6	6	SOUTHERN INDIA
18	14 21 24.4*	27.903 S	26.666 E	5 G	1.2	16	16	REPUBLIC OF SOUTH AFRICA. ML 3.5 (PRE).
18	14 33 35.2?	31.79 S	72.60 W	33 N	1.0	13	13	OFF COAST OF CENTRAL CHILE. MD 4.0 (SAN).
18	14 55 13.8	6.752 N	74.632 W	90 D	4.7	1.1	68	NORTHERN COLOMBIA
18	15 32 13.3?	15.81 N	98.79 W	33 N	1.6	5	5	OFF COAST OF GUERRERO, MEXICO
18	15 46 24.5*	47.396 N	12.706 E	10 G	1.2	6	6	AUSTRIA. ML 1.8 (VIE).
18	15 58 42.0*	65.998 N	148.390 W	10 G	17	17	17	NORTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
18	16 42 13.8*	38.808 S	175.865 E	120 G	0.9	29	29	NORTH ISLAND, NEW ZEALAND
18	16 47 32.0*	26.366 S	27.452 E	5 G	0.9	8	8	REPUBLIC OF SOUTH AFRICA. ML 3.2 (PRE).
18	17 35 44.5?	38.00 S	178.94 E	33 N	1.6	17	17	OFF E. COAST OF N. ISLAND, N.Z. ML 3.8 (WEL).
18	17 52 09.8*	35.095 S	17.208 W	10 G	5.1 4.9	1.2	34	SOUTHERN MID-ATLANTIC RIDGE
18	17 52 35.0*	31.946 S	72.449 W	10 G	1.0	18	18	OFF COAST OF CENTRAL CHILE. MD 4.2 (SAN).
18	19 16 30.4*	34.034 N	116.326 W	6	6	6	6	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS).
18	19 21 35.3?	32.18 S	71.81 W	33 N	0.4	9	9	NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN).
18	20 34 05.2?	32.03 S	72.14 W	19	0.7	14	14	OFF COAST OF CENTRAL CHILE. MD 4.2 (SAN).
18	21 32 40.8*	31.754 S	72.536 W	33 N	4.9	1.1	23	OFF COAST OF CENTRAL CHILE. MD 4.7 (SAN).
19	01 06 02.7?	7.90 N	127.51 E	33 N	4.6	1.6	12	PHILIPPINE ISLANDS REGION
a 19	01 43 23.7	54.287 N	164.164 W	30 G	6.1 6.4	1.2	634	UNIMAK ISLAND REGION. Mw 6.5 (HRV). Ms 6.0 (BRK). Mo=5.0*10**18 Nm (PPT). Slight damage (VI) at False Pass where items were overturned and a television was knocked onto the floor. Felt (V) at Akutan and King Cove, (IV) at Cold Bay and (II) at Sand Point. Two events about 4.3 seconds apart. Depth from broadband displacement seismograms, based on first event.
19	02 06 09.0*	54.245 N	164.161 W	33 N	4.0	1.6	10	UNIMAK ISLAND REGION. ML 4.4 (PMR). Felt (III) at False Pass.
19	02 19 08.6?	54.61 N	164.35 W	33 N	0.9	6	6	UNIMAK ISLAND REGION. ML 4.2 (PMR).
19	02 25 08.8	14.807 N	93.972 W	25 D	5.6	1.2	214	NEAR COAST OF CHIAPAS, MEXICO. Felt along the coasts of Chiapas and Oaxaca.
19	02 37 16.4*	36.073 N	119.805 W	15	17	17	17	CENTRAL CALIFORNIA. <GM-P>. MD 2.9 (GM). ML 2.8 (PAS).
19	02 54 26.2*	39.087 N	27.220 E	10 G	0.4	5	5	TURKEY. ML 3.2 (ISK).
19	03 02 20.3?	54.12 N	164.14 W	33 N	4.1	0.9	12	UNIMAK ISLAND REGION. ML 4.3 (PMR).

19	03 02 48.0	14.706 N	94.020 W	22 D	4.7	1.3	48	OFF COAST OF CHIAPAS, MEXICO. Felt along the coasts of Chiapas and Oaxaca.
19	03 18 13.2*	28.356 N	66.162 E	13 D	4.6	1.3	29	PAKISTAN
19	03 22 30.5	54.290 N	164.264 W	33 N	4.9 5.2	1.1	132	UNIMAK ISLAND REGION. Felt (V) at False Pass and (IV) at Cold Bay, King Cove, Perryville and Sand Point.
19	03 25 27.5?	31.89 S	72.63 W	33 N		1.6	13	OFF COAST OF CENTRAL CHILE
19	03 31 24.2	42.999 N	18.775 E	5 G		0.5	9	NORTHWESTERN BALKAN REGION
19	03 55 24.6*	28.554 N	128.508 E	29 D	4.6	1.4	20	RYUKYU ISLANDS
19	03 58 53.3	54.283 N	164.154 W	33 N	5.4 4.9	1.2	384	UNIMAK ISLAND REGION. ML 5.8 (PMR). Felt (V) at False Pass and (IV) at Akutan, Cold Bay, King Cove, Perryville and Sand Point.
19	04 37 56.4	22.427 S	179.565 W	591 D	5.3	1.0	292	SOUTH OF FIJI ISLANDS
19	04 53 41.3?	16.51 S	173.90 W	33 N	4.9	1.0	15	TONGA ISLANDS
19	05 30 14.4%	44.336 N	7.343 E	10 G		0.3	5	NORTHERN ITALY. ML 1.9 (GEN).
19	05 45 47.0%	43.007 N	18.773 E	10 G		0.5	7	NORTHWESTERN BALKAN REGION
19	05 55 12.5*	7.964 N	126.973 E	34 D	4.8 4.6	1.5	45	MINDANAO, PHILIPPINE ISLANDS
19	06 53 31.8*	21.776 S	174.137 W	33 N	4.9 4.2	1.2	20	TONGA ISLANDS
19	07 32 36.4	43.483 N	1.805 W	10 G		1.0	28	PYRENEES. mbLg 3.3 (MDD). MD 3.3 (BTH). ML 2.9 (LDG).
19	08 04 55.0%	16.262 N	60.877 W	33 N		0.2	8	LEEWARD ISLANDS. ML 3.0 (FDF).
19	08 53 41.6	54.291 N	164.241 W	33 N	4.5	1.1	35	UNIMAK ISLAND REGION. ML 4.9 (PMR).
19	09 03 11.5?	39.13 N	27.57 E	10 G		0.7	4	TURKEY. ML 2.7 (ISK).
a 19	09 05 39.3	7.317 N	34.703 W	10 G	5.7 5.6	1.0	407	CENTRAL MID-ATLANTIC RIDGE. Mw 5.8 (HRV).
19	09 30 14.3*	31.869 S	72.551 W	10 G		1.1	26	OFF COAST OF CENTRAL CHILE. MD 4.6 (SAN).
19	09 50 57.8?	39.06 N	27.68 E	10 G		0.0	4	TURKEY. ML 2.7 (ISK).
19	09 53 58.1*	31.734 S	72.490 W	10 G	4.9	1.5	25	OFF COAST OF CENTRAL CHILE. MD 4.6 (SAN).
19	09 59 50.4?	39.10 N	27.57 E	10 G		0.2	4	TURKEY. ML 2.7 (ISK).
19	10 03 41.2?	39.11 N	27.57 E	10 G		0.8	4	TURKEY. ML 2.7 (ISK).
19	10 19 13.4	54.339 N	164.220 W	33 N	4.8	1.2	67	UNIMAK ISLAND REGION. ML 4.7 (PMR).
19	10 19 22.7?	39.10 N	27.61 E	10 G		0.5	4	TURKEY. ML 2.7 (ISK).
19	10 55 44.0	10.288 N	126.401 E	43 D	5.2 4.6	1.1	96	PHILIPPINE ISLANDS REGION
19	11 39 01.0*	17.610 S	178.915 W	561	4.7	1.0	43	FIJI ISLANDS REGION
19	11 42 34.3?	32.90 S	69.15 W	15 ?		0.9	5	MENDOZA PROVINCE, ARGENTINA
19	11 48 09.6?	29.16 N	104.15 E	10 G	4.2	1.3	4	SICHUAN, CHINA. ML 3.8 (BJI).
19	11 53 18.1?	1.84 N	126.46 E	33 N	4.6	1.4	7	NORTHERN MOLUCCA SEA
19	12 35 44.0?	39.22 N	27.79 E	10 G		0.4	4	TURKEY. ML 2.7 (ISK).
19	12 44 41.1%	26.841 S	26.701 E	5 G		0.3	6	REPUBLIC OF SOUTH AFRICA. ML 2.5 (PRE).
19	12 45 37.3?	39.11 N	27.67 E	10 G		0.6	4	TURKEY. ML 2.7 (ISK).
19	13 34 48.8?	42.73 N	23.92 E	5 G		0.6	7	BULGARIA
19	13 41 41.4?	39.03 N	27.65 E	10 G		1.3	4	TURKEY. ML 2.6 (ISK).
19	14 31 14.3	42.327 N	19.880 E	10 G		1.1	13	NORTHWESTERN BALKAN REGION. ML 2.5 (TIR).
19	14 40 39.1	54.328 N	164.318 W	33 N	4.7	1.0	88	UNIMAK ISLAND REGION. ML 4.8 (PMR).
19	15 20 12.3*	51.843 N	158.365 E	33 N	4.6	0.7	24	NEAR EAST COAST OF KAMCHATKA
19	15 43 52.6%	26.859 S	26.662 E	5 G		0.3	6	REPUBLIC OF SOUTH AFRICA. ML 2.5 (PRE).
19	16 14 32.4*	32.280 S	71.659 W	14		0.9	14	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
19	16 31 57.4%	37.117 N	4.122 W	10 G		0.6	6	SPAIN. mbLg 2.6 (MDD).
19	16 33 52.2%	31.142 S	68.447 W	100 G		0.3	6	SAN JUAN PROVINCE, ARGENTINA
19	16 46 42.6*	26.825 S	26.642 E	5 G		1.6	15	REPUBLIC OF SOUTH AFRICA. ML 3.8 (PRE). mbLg 3.9 (BUL).
19	17 07 14.7%	26.898 S	26.675 E	5 G		1.0	5	REPUBLIC OF SOUTH AFRICA. ML 2.4 (PRE).
19	18 06 33.5	0.034 S	16.557 W	10 G	4.9	0.9	50	NORTH OF ASCENSION ISLAND
19	18 10 37.8?	34.61 S	70.88 W	90 G		0.2	9	CHILE-ARGENTINA BORDER REGION. MD 3.8 (SAN).
19	18 20 29.7?	5.94 S	145.86 E	33 N		1.7	4	EASTERN NEW GUINEA REG., P.N.G. ML 4.0 (PMG).
19	18 33 03.4	32.909 S	70.263 W	104 ?		0.2	12	CHILE-ARGENTINA BORDER REGION. MD 3.8 (SAN).
19	18 33 19.3?	5.93 S	145.88 E	33 N		1.7	4	EASTERN NEW GUINEA REG., P.N.G.
19	20 10 28.5%	59.898 N	153.176 W	112			49	SOUTHERN ALASKA. <AEIC>.
19	20 31 43.6*	47.782 N	116.784 E	33 N	4.4	1.3	11	MONGOLIA
19	20 35 57.5%	63.102 N	151.440 W	0			26	CENTRAL ALASKA. <AEIC>. ML 2.8 (AEIC).
19	21 22 21.8?	40.16 N	24.12 E	5 G		0.0	4	AEIGAN SEA
19	21 51 55.2*	46.873 N	116.743 W	5 G		1.0	19	WESTERN IDAHO. ML 2.6 (GS). MD 2.7 (SEA).
19	22 01 03.6?	26.33 S	26.79 E	5 G		0.6	4	REPUBLIC OF SOUTH AFRICA
19	23 11 41.3*	31.893 S	72.288 W	10 G		0.8	11	OFF COAST OF CENTRAL CHILE. MD 4.0 (SAN).
19	23 13 39.0%	18.529 N	66.444 W	33 N		1.6	7	PUERTO RICO REGION
19	23 14 07.8?	7.77 N	72.63 W	146 ?		0.9	9	NORTHERN COLOMBIA
19	23 51 10.6%	40.525 N	22.378 E	10 G		0.1	5	GREECE
20	00 54 52.8%	33.379 S	71.787 W	33 N		0.4	9	NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).
20	01 14 28.4	54.358 N	164.188 W	33 N	4.6	1.1	52	UNIMAK ISLAND REGION. ML 5.0 (PMR).
20	01 40 03.6	43.005 N	18.767 E	5 G		0.5	10	NORTHWESTERN BALKAN REGION
20	02 28 07.4%	26.420 S	27.401 E	5 G		0.8	6	REPUBLIC OF SOUTH AFRICA. ML 2.4 (PRE).
20	03 10 05.6*	34.799 N	25.795 E	67	4.2	1.3	68	CRETE
20	03 13 11.2?	31.94 S	72.22 W	10 G		1.3	14	OFF COAST OF CENTRAL CHILE. MD 4.0 (SAN).
20	03 23 29.1*	38.911 N	142.745 E	33 N		0.6	6	NEAR EAST COAST OF HONSHU, JAPAN
20	03 27 44.1%	33.950 N	116.313 W	9			8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
20	03 46 14.5?	5.91 S	146.63 E	33 N		0.3	4	EASTERN NEW GUINEA REG., P.N.G. ML 4.1 (PMG).
20	03 48 38.5?	13.16 S	72.25 W	33 N		0.5	6	CENTRAL PERU
20	05 22 23.1%	17.965 N	66.747 W	26 *		0.3	8	PUERTO RICO REGION
20	05 35 17.5%	57.334 N	157.086 W	10 G	4.2		30	ALASKA PENINSULA. <AEIC>. ML 3.9 (AEIC), 4.1 (PMR).
20	06 30 50.6	32.433 S	69.371 W	10 G		0.9	16	MENDOZA PROVINCE, ARGENTINA. MD 4.0 (SAN).
20	06 41 03.7%	17.905 N	66.720 W	10 G		0.7	7	PUERTO RICO REGION
20	07 38 11.7%	20.379 S	125.546 E	10 G		1.2	9	WESTERN AUSTRALIA
20	09 04 05.2?	39.08 N	27.62 E	10 G		0.3	4	TURKEY. ML 2.7 (ISK).
20	09 08 04.4?	39.11 N	27.60 E	10 G		1.0	4	TURKEY. ML 2.8 (ISK).
20	09 20 51.8%	29.862 S	19.773 E	5 G		1.6	10	REPUBLIC OF SOUTH AFRICA. ML 3.5 (PRE).
20	10 16 09.7?	39.66 N	29.43 E	10 G		1.0	4	TURKEY. ML 2.6 (ISK).
20	10 28 02.9?	28.10 S	26.79 E	5 G		0.7	4	REPUBLIC OF SOUTH AFRICA
20	10 39 15.7*	49.597 S	117.322 E	10 G	4.9 4.3	1.0	47	SOUTH OF AUSTRALIA
20	11 37 59.1	31.723 S	72.009 W	21 D	5.2	0.9	55	OFF COAST OF CENTRAL CHILE. MD 5.1 (SAN).
a 20	11 54 02.2	54.306 N	164.190 W	33 N	5.2 4.9	1.3	233	UNIMAK ISLAND REGION. Mw 5.2 (HRV). Felt (IV) at Cold Bay, False Pass and King Cove. Felt (III) at Akutan.
20	11 58 41.0	51.811 N	158.615 E	44 D	5.2 4.6	0.8	131	NEAR EAST COAST OF KAMCHATKA
20	12 02 59.4*	31.844 S	72.260 W	16		0.8	19	OFF COAST OF CENTRAL CHILE. MD 4.4 (SAN).
20	12 41 43.2*	21.258 S	67.684 W	200 G		1.3	8	CHILE-BOLIVIA BORDER REGION
20	12 51 58.4?	39.09 N	27.63 E	10 G		0.3	4	TURKEY. ML 2.7 (ISK).
20	13 45 36.2%	44.547 N	7.566 E	5 G		0.2	5	NORTHERN ITALY. ML 1.7 (GEN).
20	13 46 04.3%	26.376 S	27.422 E	5 G		0.5	6	REPUBLIC OF SOUTH AFRICA. ML 2.4 (PRE).

20	13	47	07.9*	12.053	S	166.283	E	98	*	5.1	1.0	24	SANTA CRUZ ISLANDS	
20	13	56	20.6?	44.50	N	7.30	E	10	G		0.2	4	NORTHERN ITALY. ML 1.5 (GEN).	
20	13	59	35.9?	31.77	S	72.59	W	10	G		1.3	11	OFF COAST OF CENTRAL CHILE. MD 4.2 (SAN).	
20	14	23	20.3?	30.85	S	68.26	W	33	N		1.3	5	SAN JUAN PROVINCE, ARGENTINA	
20	14	31	31.0?	31.08	S	68.54	W	100	G		0.2	5	SAN JUAN PROVINCE, ARGENTINA	
20	15	26	42.2?	26.322	S	27.516	E	5	G		1.1	5	REPUBLIC OF SOUTH AFRICA. ML 2.6 (PRE).	
20	15	27	02.9?	31.66	S	68.99	W	100	G		0.6	6	SAN JUAN PROVINCE, ARGENTINA	
20	17	12	31.6?	63.070	N	150.922	W	128				34	CENTRAL ALASKA. <AEIC>.	
20	17	22	18.1?	44.605	N	112.308	W	1				13	EASTERN IDAHO. <BUT-P>. ML 3.2 (BUT), 2.7 (GS).	
20	18	44	49.5?	59.776	N	151.475	W	45				52	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.0 (AEIC).	
20	19	18	28.6*	31.748	N	129.086	E	33	N		1.2	9	KYUSHU, JAPAN	
a	20	19	24	53.8?	60.025	N	153.003	W	116	5.6		611	SOUTHERN ALASKA. <AEIC>. Mw 5.9 (HRV). mb 5.5 (BRK). Felt (V) at Chugiak, Homer and Kenai; (IV) at Anchorage, Anchor Point, Eagle River, Kasilof, Pedro Bay, Seward, Sterling and Wasilla; (III) at Kodiak, Palmer and Soldotna.	
													12	STRAIT OF GIBRALTAR. mbLg 3.0 (MDD).
20	19	29	47.6?	35.81	N	7.52	W	10	G		1.0	50	SOUTHERN ALASKA. <AEIC>.	
20	19	35	59.9?	60.043	N	152.990	W	113				4	AUSTRIA. ML 0.6 (VIE).	
20	20	03	03.6?	47.19	N	11.43	E	5	G		0.3	6	GREECE	
20	20	52	38.7?	39.477	N	21.593	E	10	G		1.1	25	SOUTHERN ALASKA. <AEIC>.	
20	20	55	26.6?	60.042	N	153.044	W	121				46	CENTRAL ALASKA. <AEIC>.	
20	21	11	02.6?	62.807	N	150.287	W	79				4	AUSTRIA. ML 0.9 (VIE).	
20	21	24	50.3?	47.20	N	11.43	E	5	G		0.3	30	CENTRAL ALASKA. <AEIC>.	
20	21	26	06.7?	62.790	N	150.659	W	90				11	NORTHWESTERN BALKAN REGION	
20	22	20	50.1?	43.41	N	17.62	E	5	G		1.3	46	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC), 2.5 (PMR).	
20	22	22	12.5?	63.287	N	151.202	W	13				7	SAN JUAN PROVINCE, ARGENTINA	
20	22	44	43.9?	31.794	S	68.287	W	100	G		0.6	11	AEIGIAN SEA	
20	23	20	22.6	40.037	N	25.038	E	10	G		0.8	79	SOUTHERN PACIFIC OCEAN. Mw 5.4 (HRV). Ms 4.8 (BRK).	
a	21	00	16	00.6	35.959	S	102.893	W	10	G	5.2 4.8	13	TURKEY. ML 3.4 (ISK).	
21	01	06	04.6?	39.044	N	30.063	E	10	G		0.6	13	TURKEY. ML 2.8 (ISK).	
21	01	10	15.6?	39.059	N	30.119	E	10	G		1.4	8	REPUBLIC OF SOUTH AFRICA. ML 3.1 (PRE). mbLg 3.0 (BUL)	
21	01	50	35.9	26.390	S	27.364	E	5	G		0.7	13	SOUTHERN NORWAY. MD 2.6 (BER). Felt (IV) at Mottatt.	
21	01	53	54.7	60.183	N	5.107	E	10	G		1.4	15	SOUTHEASTERN ALASKA. <AEIC>. ML 2.6 (AEIC).	
21	03	21	35.0?	59.902	N	141.323	W	6				6	FRANCE	
21	03	28	17.2?	47.460	N	6.998	E	10	G		0.4	11	GERMANY. ML 2.8 (LDG), 2.2 (UCC), 2.1 (BNS).	
21	04	44	47.0	50.075	N	7.938	E	10	G		1.1	8	NORTHWESTERN BALKAN REGION. ML 2.4 (THE), 1.9 (SKO).	
21	05	42	50.3	41.302	N	22.625	E	5	G		0.5	5	REPUBLIC OF SOUTH AFRICA. ML 2.2 (PRE).	
21	06	27	41.5?	26.892	S	26.824	E	5	G		0.3	10	GREECE. ML 2.6 (THE).	
21	07	00	08.4*	39.065	N	21.809	E	33	N		1.1	98	NEAR EAST COAST OF HONSHU, JAPAN	
21	07	18	48.3	36.442	N	141.190	E	41	D	5.0 4.5	0.9	10	EASTERN NEW GUINEA REG., P.N.G.	
21	07	46	20.3*	5.943	S	146.185	E	10	G	4.1	0.9	11	NORTHERN CHILE	
21	07	56	55.6*	18.164	S	69.719	W	153	*	4.6	1.5	4	TURKEY. ML 2.7 (ISK).	
21	08	09	07.4?	39.10	N	27.62	E	10	G		1.2	5	TURKEY. ML 2.7 (ISK).	
21	08	24	08.6?	39.101	N	27.663	E	10	G		0.7	5	TURKEY. ML 2.7 (ISK).	
21	08	34	59.2?	39.061	N	27.640	E	10	G		1.0	12	NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN).	
21	08	50	35.7*	32.179	S	71.833	W	33	N		0.5	59	ANDREANOF ISLANDS, ALEUTIAN IS.	
21	08	57	46.5*	52.889	N	175.762	W	218		4.6	0.7	11	RYUKYU ISLANDS	
21	09	29	43.6*	27.319	N	129.686	E	58	?	4.4	1.2	4	TURKEY. ML 2.7 (ISK).	
21	09	33	39.6?	39.09	N	27.59	E	10	G		0.3	5	REPUBLIC OF SOUTH AFRICA. ML 2.1 (PRE).	
21	09	35	06.1?	26.332	S	27.623	E	5	G		1.0	4	TURKEY. ML 2.7 (ISK).	
21	09	39	19.6?	39.08	N	27.62	E	10	G		0.5	7	NORTHERN COLOMBIA	
21	10	45	38.4?	7.64	N	72.58	W	212	?	4.2	1.3	4	TURKEY. ML 2.6 (ISK).	
21	10	52	35.6?	39.08	N	27.60	E	10	G		0.9	4	TURKEY. ML 2.7 (ISK).	
21	11	34	38.7?	39.10	N	27.65	E	10	G		0.1	41	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC), 3.0 (PMR).	
21	11	39	16.3?	63.436	N	151.131	W	15				7	REPUBLIC OF SOUTH AFRICA. ML 2.3 (PRE).	
21	11	41	31.1?	26.186	S	28.182	E	5	G		0.7	5	GERMANY. ML 2.4 (LDG), 1.7 (UCC).	
21	12	12	24.0?	50.17	N	7.93	E	10	G		0.9	20	NORTHERN CHILE	
21	12	26	24.1*	22.652	S	68.844	W	115	*	4.9	1.0	5	TURKEY. ML 2.8 (ISK).	
21	12	39	49.6?	39.104	N	27.632	E	10	G		0.6	16	SERAM, INDONESIA	
21	12	58	48.0*	3.902	S	130.801	E	33	N	4.5	1.0	4	TURKEY. ML 2.7 (ISK).	
21	13	04	59.7?	39.08	N	27.61	E	10	G		0.7	4	EGYPT	
21	13	05	39.1?	28.67	N	34.73	E	10	G		0.5	4	DODECANESE ISLANDS. ML 3.1 (ISK).	
21	13	09	02.6?	36.98	N	28.93	E	10	G		0.6	5	TURKEY. ML 2.7 (ISK).	
21	13	23	02.0?	39.700	N	29.466	E	10	G		1.4	4	TURKEY. ML 2.6 (ISK).	
21	13	38	07.6?	39.60	N	29.52	E	10	G		1.4	12	NEAR COAST OF CHIAPAS, MEXICO	
21	16	35	24.2?	14.28	N	92.31	W	62	*	4.2	0.7	44	LOYALTY ISLANDS REGION	
21	17	29	53.5	22.778	S	171.762	E	32	D	5.2 4.9	1.0	9	NORTHERN ITALY. ML 2.2 (GEN).	
21	18	01	55.0?	44.485	N	7.281	E	10	G		0.2	7	NORTHWESTERN BALKAN REGION	
21	18	26	30.3?	43.033	N	18.725	E	10	G		0.6	8	OFF COAST OF CENTRAL CHILE. MD 3.8 (SAN).	
21	18	49	18.7?	32.43	S	72.18	W	10	G		0.3	9	SAN JUAN PROVINCE, ARGENTINA	
21	19	07	45.0*	31.126	S	69.143	W	130	?		1.0	4	PANAMA. MD 3.9 (UPA).	
21	19	49	40.5?	9.07	N	80.49	W	10	G		0.1	8	REPUBLIC OF SOUTH AFRICA. ML 3.3 (PRE).	
21	20	00	00.6?	26.903	S	26.685	E	5	G		0.5	7	REPUBLIC OF SOUTH AFRICA. ML 2.5 (PRE).	
21	20	06	05.7?	26.871	S	26.726	E	5	G		0.7	45	FRANCE. ML 3.2 (GEN), 3.0 (LDG).	
21	20	27	58.4	44.664	N	6.797	E	12			0.5	6	FRANCE. ML 2.9 (LDG).	
21	20	28	05.6?	44.713	N	6.788	E	10	G		0.8	11	GREECE. ML 2.6 (THE).	
21	20	36	41.0	39.175	N	21.729	E	10	G		0.9	64	PERU-ECUADOR BORDER REGION	
21	21	33	05.6	4.916	S	78.052	W	24	D	4.8	0.7	26	OFF COAST OF CENTRAL CHILE. MD 4.3 (SAN).	
21	23	21	08.9*	31.914	S	72.153	W	14			0.6	21	SAN JUAN PROVINCE, ARGENTINA. MD 4.3 (SAN).	
21	23	46	15.1	31.652	S	72.390	W	10	G		1.1	5	SPAIN. mbLg 2.3 (MDD).	
22	00	07	48.2	31.136	S	68.529	W	114	*		1.1	6	NEPAL	
22	00	16	01.3?	37.118	N	3.559	W	10	G		1.0	50	NEAR EAST COAST OF HONSHU, JAPAN	
22	00	27	06.8*	28.200	N	82.863	E	33	N	4.4	1.4	7	GREECE. ML 1.7 (THE).	
22	00	49	41.7	38.712	N	142.205	E	52		4.7	1.0	225	MINDANAO, PHILIPPINE ISLANDS. Mw 5.9 (GS), 5.7 (HRV).	
22	02	15	01.7?	40.625	N	22.750	E	12	*		0.4	24	FRANCE. ML 2.8 (GEN), 2.7 (LDG).	
a	22	03	00	55.8	5.877	N	126.229	E	38	D	5.7 5.1	0.6	12	IONIAN SEA. MD 3.5 (ATH). ML 3.4 (THE).
22	03	28	54.1	45.610	N	6.961	E	6			0.6	15	MINDORO, PHILIPPINE ISLANDS	
22	03	45	32.1*	37.784	N	20.625	E	10	G		0.6	8	BANDA SEA	
22	04	14	22.0*	13.565	N	120.332	E	33	N	4.8 4.6	0.7	186	KURIL ISLANDS	
22	04	16	51.2*	7.343	S	128.976	E	33	N	4.4	0.3	7	SAN JUAN PROVINCE, ARGENTINA	
22	04	16	51.3	50.747	N	156.556	E	85		5.1	0.9	27	OFF COAST OF OREGON	
22	05	18	10.1?	31.448	S	67.852	W	10	G		1.1			
22	05	43	44.4*	44.567	N	129.087	W	10	G		0.4			

22	05 58 11.0*	28.288 S	178.814 W	327 ?	4.3	1.1	11	KERMADEC ISLANDS REGION
22	06 25 43.8%	16.552 N	94.046 W	10 G		0.9	6	OAXACA, MEXICO
22	08 03 00.5%	62.623 N	149.530 W	71			72	CENTRAL ALASKA. <AEIC>.
22	08 03 04.3?	19.04 S	68.92 W	222 ?		0.9	8	CHILE-BOLIVIA BORDER REGION
22	08 03 55.5*	31.438 S	69.378 W	142 ?		0.9	15	SAN JUAN PROVINCE, ARGENTINA. MD 4.0 (SAN).
22	08 17 10.6?	39.15 N	27.49 E	10 G		0.7	4	TURKEY. ML 2.8 (ISK).
22	08 23 09.6?	39.32 N	27.63 E	10 G		0.4	4	TURKEY. ML 2.8 (ISK).
22	08 31 39.8?	39.13 N	27.48 E	10 G		0.1	4	TURKEY. ML 2.7 (ISK).
22	09 04 18.1	24.011 N	122.529 E	33 N	4.8	0.9	50	TAIWAN REGION. ML 4.5 (BJI).
22	09 47 59.6?	39.13 N	27.51 E	10 G		0.3	4	TURKEY. ML 2.7 (ISK).
22	10 16 38.2*	41.649 N	82.505 E	44 ?	4.4	1.4	17	SOUTHERN XINJIANG, CHINA. ML 4.1 (BJI).
22	10 18 38.6%	66.620 N	149.517 W	10 G			24	NORTHERN ALASKA. <AEIC>. ML 2.9 (AEIC), 3.4 (PMR).
22	10 22 19.9?	39.11 N	27.53 E	10 G		0.5	4	TURKEY. ML 2.8 (ISK).
22	10 35 11.6?	39.09 N	27.54 E	10 G		0.9	4	TURKEY. ML 2.7 (ISK).
22	11 13 05.7?	51.86 N	173.71 W	33 N		0.5	5	ANDREANOF ISLANDS, ALEUTIAN IS. ML 3.5 (GS).
22	12 15 37.4	31.712 S	68.054 W	33 N		0.8	8	SAN JUAN PROVINCE, ARGENTINA
22	13 28 15.5%	65.587 N	144.105 W	10 G			21	NORTHERN ALASKA. <AEIC>. ML 3.0 (AEIC).
22	14 00 22.1*	26.134 S	29.230 E	5 G		1.0	6	REPUBLIC OF SOUTH AFRICA
22	14 06 16.6?	40.24 N	29.17 E	10 G		0.8	4	TURKEY. ML 2.5 (ISK).
22	14 12 40.4	38.245 N	22.882 E	51	4.2	1.2	112	GREECE. MD 4.2 (ATH).
22	14 24 02.8	43.338 N	8.227 E	10 G		0.6	22	CORSICA. ML 3.1 (LDG), 2.7 (GEN).
22	14 30 22.9%	15.676 N	60.934 W	10 G		0.2	8	LEEWARD ISLANDS. ML 2.6 (FDF).
22	15 22 14.3%	44.394 N	7.401 E	10 G		0.1	6	NORTHERN ITALY. ML 1.9 (GEN).
22	15 49 44.8?	26.34 S	27.42 E	5 G		0.7	4	REPUBLIC OF SOUTH AFRICA. ML 2.7 (PRE).
22	15 55 19.3?	17.41 S	69.41 W	220 ?		0.4	6	PERU-BOLIVIA BORDER REGION
22	16 09 00.0%	62.312 N	151.271 W	85			61	CENTRAL ALASKA. <AEIC>.
22	16 45 20.0%	38.864 N	29.975 E	5 G		0.5	8	TURKEY. ML 3.3 (ISK).
22	17 19 49.7%	60.179 N	151.839 W	56			51	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.7 (AEIC).
22	17 26 32.4%	26.860 S	26.713 E	5 G		1.0	5	REPUBLIC OF SOUTH AFRICA. ML 2.8 (PRE).
22	17 31 19.1?	41.21 N	23.15 E	5 G		0.3	4	GREECE-BULGARIA BORDER REGION. ML 1.8 (THE).
22	17 49 40.5	17.854 S	178.716 W	613	4.8	0.7	85	FIJI ISLANDS REGION
22	18 58 47.0	36.263 N	137.048 E	10 G	4.1	0.6	22	EASTERN HONSHU, JAPAN
22	18 59 13.5%	26.410 S	27.405 E	5 G		0.6	6	REPUBLIC OF SOUTH AFRICA. ML 2.2 (PRE).
22	19 31 17.5%	61.465 N	141.630 W	0			53	SOUTHERN ALASKA. <AEIC>. ML 3.9 (AEIC), 4.0 (PMR).
22	21 43 58.5?	35.25 N	21.43 E	10 G		1.4	8	CENTRAL MEDITERRANEAN SEA. ML 4.0 (ATH).
22	21 55 48.3*	32.393 S	71.724 W	10 G		0.4	10	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
22	22 03 01.3%	42.289 N	122.019 W	3			26	OREGON. <SEA-P>. MD 2.6 (SEA). ML 3.2 (GS).
22	22 34 01.4	10.332 N	126.440 E	43 D	4.7	0.9	35	PHILIPPINE ISLANDS REGION
a 22	22 43 26.4	11.743 N	86.135 W	108 D	5.2	1.2	298	NEAR COAST OF NICARAGUA. Mw 5.9 (HRV). mb 5.8 (BRK). Mo=1.6*10**18 Nm (PPT). One person died from possible heart attack during the earthquake. Felt (V) in the Cosiguina-Tipitapa-Rivas area, (IV) at Las Banderas and Los Zarzales and (III) at Sapoa.
22	23 08 21.1%	37.568 N	118.840 W	3			34	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM).
22	23 14 44.8%	62.109 N	150.087 W	49			83	CENTRAL ALASKA. <AEIC>. ML 3.5 (AEIC), 3.3 (PMR).
22	23 39 53.4?	16.50 N	99.59 W	10 G		1.0	5	NEAR COAST OF GUERRERO, MEXICO
22	23 52 20.1%	44.587 N	6.740 E	10 G		0.4	7	FRANCE. ML 2.3 (GEN).
22	23 55 12.8%	37.039 N	5.405 W	5 G		0.8	7	SPAIN. mbLg 2.7 (MDD).
23	00 23 35.2	32.691 S	70.104 W	108 ?		0.6	15	CHILE-ARGENTINA BORDER REGION. MD 3.9 (SAN).
23	02 09 57.5%	31.376 S	68.596 W	22		0.6	8	SAN JUAN PROVINCE, ARGENTINA
23	02 10 30.2?	3.93 N	126.77 E	68 ?	4.3	1.4	7	TALAUD ISLANDS, INDONESIA
23	02 44 02.1*	45.313 N	142.003 E	33 N	4.7	0.8	14	HOKKAIDO, JAPAN REGION
23	03 11 41.3?	50.22 N	7.87 E	10 G		0.9	5	GERMANY. ML 1.9 (UCC).
23	03 48 14.2?	10.31 N	126.37 E	108 ?	4.7	0.8	8	PHILIPPINE ISLANDS REGION
23	04 09 55.9%	34.241 N	116.424 W	3			7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS).
23	04 49 09.6	33.495 S	70.100 W	12		1.2	17	CHILE-ARGENTINA BORDER REGION. MD 4.0 (SAN).
23	05 19 42.5?	32.12 S	71.31 W	5 G		0.5	9	NEAR COAST OF CENTRAL CHILE. MD 3.5 (SAN).
23	05 40 09.2?	36.46 N	21.07 E	10 G		1.6	5	SOUTHERN GREECE. ML 3.7 (ATH).
23	05 40 35.8?	38.69 N	22.19 E	10 G		0.7	7	GREECE. ML 2.3 (THE).
23	05 58 42.7?	37.80 N	22.13 E	33 N		0.3	8	SOUTHERN GREECE. ML 2.9 (THE).
23	06 49 34.4	31.557 S	69.369 W	117 *		1.0	19	SAN JUAN PROVINCE, ARGENTINA. MD 4.3 (SAN).
23	06 51 08.7%	63.131 N	151.452 W	13			45	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC), 2.8 (PMR).
23	07 30 20.1%	31.721 S	67.909 W	10 G		0.7	6	SAN JUAN PROVINCE, ARGENTINA
23	07 58 58.5%	59.840 N	151.645 W	60			55	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.9 (AEIC).
23	08 29 24.1	43.944 N	149.465 E	44 D	4.4	1.0	32	EAST OF KURIL ISLANDS
23	10 04 01.9?	39.11 N	27.52 E	10 G		0.5	4	TURKEY. ML 2.6 (ISK).
23	10 12 12.9?	39.04 N	27.54 E	10 G		0.6	4	TURKEY. ML 2.7 (ISK).
23	10 21 13.5?	31.54 S	68.90 W	100 G		0.2	4	SAN JUAN PROVINCE, ARGENTINA
23	10 47 36.7?	39.60 N	29.50 E	10 G		1.1	4	TURKEY. ML 2.5 (ISK).
23	10 59 55.4	40.454 N	21.882 E	5 G		0.8	6	GREECE. ML 2.1 (THE).
23	11 00 46.8%	33.347 N	116.363 W	12			5	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS).
23	11 15 06.6	51.599 N	16.174 E	10 G		0.4	12	POLAND. ML 3.8 (GRF), 3.7 (VIE).
23	12 29 50.4	33.460 S	70.186 W	12 *		0.8	10	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
23	12 47 53.2*	42.623 N	7.518 E	10 G		0.5	8	WESTERN MEDITERRANEAN SEA. ML 2.6 (LDG), 2.3 (STR).
23	12 58 13.8	5.124 S	144.272 E	109	4.9	0.8	32	NEW GUINEA, PAPUA NEW GUINEA
23	13 53 23.8%	26.393 S	27.430 E	5 G		0.7	6	REPUBLIC OF SOUTH AFRICA. ML 3.1 (PRE).
23	14 13 55.0*	37.915 N	21.850 E	10 G		1.2	7	SOUTHERN GREECE. ML 3.6 (ATH).
23	14 35 33.4?	26.26 S	27.40 E	5 G		1.5	4	REPUBLIC OF SOUTH AFRICA
23	14 58 09.6*	11.256 N	125.690 E	61 *	4.9	1.0	16	SAMAR, PHILIPPINE ISLANDS
a 23	15 02 13.0	6.430 N	125.827 E	161	5.1	1.2	81	MINDANAO, PHILIPPINE ISLANDS. Mw 5.4 (HRV).
23	15 03 25.4?	31.70 S	69.07 W	112 ?		0.3	6	SAN JUAN PROVINCE, ARGENTINA
23	15 29 14.4%	43.114 N	0.647 W	10 G		0.2	7	PYRENEES. ML 1.0 (STR).
23	15 34 55.2?	4.24 S	129.62 E	120 G	5.2	0.9	10	BANDA SEA
23	15 52 12.6	33.174 S	68.563 W	10 G		0.5	10	MENDOZA PROVINCE, ARGENTINA
23	17 05 20.8%	40.125 N	29.265 E	5 G		0.1	6	TURKEY. ML 3.0 (ISK).
23	17 55 41.5%	63.524 N	150.121 W	139			65	CENTRAL ALASKA. <AEIC>.
23	18 05 21.1*	31.819 S	72.299 W	102 ?		1.2	12	OFF COAST OF CENTRAL CHILE
23	18 08 26.0%	40.088 N	29.303 E	10 G		0.4	5	TURKEY. ML 2.8 (ISK).
23	18 15 14.1	50.072 N	77906 E	10 G		0.9	16	GERMANY. ML 2.4 (BNS), 2.4 (UCC), 2.3 (STR).
23	19 01 50.1%	63.126 N	151.558 W	8			37	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC), 3.0 (PMR).
23	19 02 33.4?	18.57 S	176.92 W	371 ?	4.7	1.2	26	FIJI ISLANDS REGION
23	19 15 49.5?	50.27 N	18.98 E	10 G		0.5	4	POLAND. ML 3.0 (WAR).
23	19 32 01.0%	40.320 N	126.947 W	17			41	OFF COAST OF NORTHERN CALIFORNIA. <BRK>. ML 4.1 (BRK).

23	19 37 17.3%	26.268 S	27.639 E	5 G	0.8	6	REPUBLIC OF SOUTH AFRICA. ML 2.8 (PRE).
23	20 04 47.1%	44.333 N	7.250 E	5 G	0.4	5	NORTHERN ITALY. ML 1.5 (GEN).
a 23	20 07 38.4	41.302 N	142.697 E	38 D	5.2 5.1	0.9	225 HOKKAIDO, JAPAN REGION. Mw 5.3 (HRV).
23	21 14 00.3*	42.443 N	21.412 E	10 G	0.8	11	NORTHWESTERN BALKAN REGION
23	21 27 58.2?	10.28 S	120.63 E	33 N	1.4	7	SUMBA REGION, INDONESIA
23	21 41 22.6*	31.391 S	68.358 W	102 ?	0.3	8	SAN JUAN PROVINCE, ARGENTINA
23	22 53 34.7%	62.568 N	147.044 W	25		41	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
23	23 58 28.1*	27.687 S	71.355 W	38 *	4.8	0.9	15 NEAR COAST OF NORTHERN CHILE
23	01 39 26.9%	61.393 N	140.644 W	0		21	SOUTHERN YUKON TERRITORY, CANADA. <AEIC>. ML 2.7 (AEIC).
a 24	02 40 17.3	2.376 S	141.167 E	34 D	5.3 4.7	1.1	110 NEAR N COAST OF NEW GUINEA, PNG. Mw 5.4 (HRV).
24	03 29 26.2	49.177 N	6.906 E	10 G		0.7	17 GERMANY. ML 2.7 (STR), 2.3 (UCC).
24	05 00 30.4*	23.144 S	70.048 W	115 ?		0.7	6 NEAR COAST OF NORTHERN CHILE
24	05 49 52.1	27.677 S	176.257 W	33 N	5.3 5.1	0.9	62 KERMADEC ISLANDS REGION
24	06 15 53.1?	28.67 N	34.68 E	10 G		0.4	4 EGYPT
24	06 19 50.5	15.344 N	105.044 W	10 G	4.7	0.9	33 OFF COAST OF MICHOACAN, MEXICO
24	06 50 54.8?	31.79 S	70.65 W	130 G		0.7	5 CHILE-ARGENTINA BORDER REGION
24	07 10 51.7*	16.749 N	46.576 W	10 G	4.7	0.9	29 NORTHERN MID-ATLANTIC RIDGE
24	07 11 59.0?	16.51 N	46.33 W	10 G	4.7	1.0	16 NORTHERN MID-ATLANTIC RIDGE
24	08 00 50.0%	60.872 N	147.363 W	14		32	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
24	09 02 55.1	48.150 N	147.184 E	443 D	4.8	0.8	143 SEA OF OKHOTSK
24	09 45 50.9%	44.370 N	7.351 E	10 G		0.6	8 NORTHERN ITALY. ML 2.0 (GEN).
24	09 51 11.3?	39.65 N	29.52 E	10 G		0.5	4 TURKEY. ML 2.7 (ISK).
24	10 42 09.0?	26.36 S	27.36 E	5 G		1.0	4 REPUBLIC OF SOUTH AFRICA
24	10 45 57.4	40.574 N	22.367 E	7		0.7	17 GREECE. ML 3.0 (THE).
24	10 49 44.4	12.186 N	142.926 E	62	4.8	0.9	113 SOUTH OF MARIANA ISLANDS
24	11 11 37.4?	38.84 N	30.00 E	10 G		0.9	4 TURKEY. ML 3.0 (ISK).
24	11 25 01.4	40.500 N	21.918 E	10 G		0.8	10 GREECE. ML 1.9 (THE).
a 24	11 27 20.2	21.412 S	174.270 W	33 D	5.3 5.2	1.0	112 TONGA ISLANDS. Mw 5.4 (HRV). Mo=2.8*10**17 Nm (PPT).
24	11 42 53.4%	47.603 N	1.279 W	10 G		0.5	7 FRANCE. ML 2.8 (LDG).
24	11 53 56.3	39.392 N	144.421 E	33 N	4.4	0.7	17 OFF EAST COAST OF HONSHU, JAPAN
24	11 56 32.0?	18.58 N	67.58 W	33 N		0.6	7 MONA PASSAGE
24	12 29 42.1	40.753 N	23.633 E	10 G		0.2	8 GREECE. ML 2.7 (THE).
24	12 29 48.3	5.850 N	126.254 E	59 *	5.0	1.0	58 MINDANAO, PHILIPPINE ISLANDS
24	12 30 34.0%	40.742 N	23.617 E	10 G		0.7	8 GREECE. ML 2.6 (THE).
24	12 42 03.8?	39.08 N	27.58 E	10 G		0.9	4 TURKEY. ML 2.7 (ISK).
24	12 55 04.9	41.167 N	21.883 E	10 G		0.8	6 NORTHWESTERN BALKAN REGION. ML 2.4 (THE), 2.1 (SKO).
24	13 14 12.3?	38.91 N	30.05 E	10 G		1.3	4 TURKEY. ML 2.8 (ISK).
24	13 16 42.1	40.469 N	23.546 E	5 G		0.8	9 GREECE. ML 2.2 (THE).
24	13 20 04.6?	31.30 S	68.68 W	99 ?		0.5	6 SAN JUAN PROVINCE, ARGENTINA
24	13 29 06.9	42.582 N	24.186 E	10 G		0.5	9 BULGARIA. ML 2.9 (THE).
24	14 45 58.8*	18.172 N	76.280 E	33 N		0.4	7 SOUTHERN INDIA. Felt in the Latur area.
24	15 18 07.9%	37.768 N	122.590 W	12		50	CENTRAL CALIFORNIA. <GM-P>. MD 3.0 (GM). ML 3.2 (BRK). Widely felt in the Sunset District of San Francisco. Also felt at Albany.
24	15 28 04.2%	37.767 N	122.589 W	9		4	CENTRAL CALIFORNIA. <GM-P>. MD 2.4 (GM).
24	16 30 14.9?	31.46 S	68.51 W	101 ?	0.4	7	SAN JUAN PROVINCE, ARGENTINA
24	16 56 59.2	43.478 N	17.214 E	10 G	1.0	11	NORTHWESTERN BALKAN REGION
24	17 13 28.7?	38.84 N	30.25 E	10 G	1.1	4	TURKEY. ML 2.8 (ISK).
24	18 05 15.9%	37.636 N	2.562 W	10 G	0.6	8	SPAIN. mbLg 3.0 (MDD).
24	18 08 48.6%	35.300 N	117.669 W	7		7	CENTRAL CALIFORNIA. <PAS-P>. ML 2.7 (PAS).
24	18 50 20.0%	43.004 N	18.741 E	10 G	0.4	9	NORTHWESTERN BALKAN REGION
24	19 31 46.2?	28.78 N	34.70 E	10 G	0.9	4	EGYPT. MD 3.8 (RYD).
24	19 58 48.8%	40.319 N	24.064 E	10 G	0.4	7	AEGEAN SEA. ML 2.3 (THE).
24	20 37 30.0	41.164 N	7.746 W	10 G	0.9	21	PORTUGAL. mbLg 3.6 (MDD).
24	20 38 10.8%	38.792 N	122.769 W	2		33	NORTHERN CALIFORNIA. <GM-P>. MD 2.9 (GM). ML 2.9 (GS).
24	21 02 00.4*	35.442 N	27.131 E	10 G	1.3	5	DODECANESE ISLANDS. MD 3.8 (ATH).
24	21 30 02.9	37.811 N	21.933 E	5 G	1.2	15	SOUTHERN GREECE. ML 3.3 (ATH), 3.2 (THE).
24	21 58 32.1%	40.497 N	23.520 E	5 G	0.9	6	GREECE. ML 1.9 (THE).
24	22 16 13.2*	35.366 N	27.140 E	10 G	0.8	8	DODECANESE ISLANDS. MD 4.0 (ATH).
24	22 37 50.4*	38.987 N	21.778 E	10 G	1.0	11	GREECE. ML 3.0 (THE).
24	22 54 00.1*	7.382 S	125.810 E	32 D	4.7	1.1	21 BANDA SEA
24	23 24 28.3?	22.30 S	65.89 W	275 ?	0.6	6	JUJUY PROVINCE, ARGENTINA
24	23 28 42.6	42.877 N	1.973 E	10 G	1.1	19	PYRENEES. ML 3.3 (LDG). mbLg 3.4 (MDD). MD 3.2 (BTH).
24	23 38 21.5	42.804 N	1.918 E	10 G	0.8	7	PYRENEES. ML 2.2 (LDG), 1.5 (STR).
25	00 19 51.5	42.811 N	1.924 E	10 G	0.6	9	PYRENEES. ML 2.6 (LDG).
25	00 46 20.5*	41.325 N	19.018 E	10 G	1.3	12	ALBANIA
25	01 33 01.2%	26.371 S	27.467 E	5 G	0.8	6	REPUBLIC OF SOUTH AFRICA. ML 2.8 (PRE).
25	01 39 18.6	63.301 N	151.548 W	33 N	1.2	9	CENTRAL ALASKA. ML 2.9 (PMR).
25	02 24 43.5?	31.35 S	68.42 W	109 ?	0.3	7	SAN JUAN PROVINCE, ARGENTINA
25	02 25 18.7?	38.88 N	29.98 E	10 G	0.9	4	TURKEY. ML 2.8 (ISK).
25	02 35 16.5%	63.145 N	150.574 W	120		37	CENTRAL ALASKA. <AEIC>.
25	02 46 35.7	35.850 N	115.828 W	5 G	0.7	24	CALIFORNIA-NEVADA BORDER REGION. ML 3.3 (GS), 3.6 (PAS).
25	02 51 19.1	35.386 N	134.571 E	12	0.8	14	WESTERN HONSHU, JAPAN
25	02 54 13.9?	28.71 N	34.68 E	10 G	0.7	4	EGYPT. MD 3.1 (RYD).
25	03 08 04.4%	42.389 N	18.933 E	10 G	0.6	9	NORTHWESTERN BALKAN REGION
25	04 44 31.0?	25.92 S	29.24 E	5 G	1.4	4	REPUBLIC OF SOUTH AFRICA
25	05 43 51.5*	14.936 S	173.939 W	41 D	4.9 5.0	0.8	26 SAMOA ISLANDS REGION
25	06 16 20.9	42.725 N	146.861 E	27	4.5 4.3	1.2	44 OFF COAST OF HOKKAIDO, JAPAN
25	06 23 24.6%	43.597 N	7.935 E	5 G		0.3	8 NEAR SOUTH COAST OF FRANCE. ML 2.4 (GEN).
25	06 44 52.1*	5.398 S	77.134 W	33 N	4.3	1.3	16 NORTHERN PERU
25	07 09 13.8	39.314 N	25.972 E	10 G	0.6	17	AEGEAN SEA. ML 3.9 (THE).
25	07 16 04.9?	15.67 S	76.50 W	33 N	3.8	0.3	5 OFF COAST OF PERU
25	08 06 43.9%	35.759 N	121.391 W	2		53	CENTRAL CALIFORNIA. <GM-P>. MD 2.9 (GM). ML 2.9 (GS)
25	08 26 13.9%	39.086 N	21.881 E	26 *		0.4	6 GREECE. ML 2.4 (THE).
25	08 30 47.9?	39.17 N	27.58 E	10 G	0.3	4	TURKEY. ML 2.8 (ISK).
a 25	08 31 14.8	22.035 S	170.094 E	32 D	5.6 5.6	1.1	189 LOYALTY ISLANDS REGION. Mw 6.0 (HRV). Ms 5.5 (BRK). Mo=7.4*10**17 Nm (PPT).
25	09 08 18.9*	22.008 S	170.032 E	33 N	4.7	1.1	26 LOYALTY ISLANDS REGION
25	09 08 53.0	46.289 N	7.494 E	10 G		0.9	25 SWITZERLAND. ML 2.8 (LDG).
25	09 13 14.2	43.030 N	18.730 E	10 G		0.6	11 NORTHWESTERN BALKAN REGION
25	09 46 16.3%	46.153 N	7.081 E	10 G		1.2	9 SWITZERLAND. ML 2.7 (LDG).

25	09	51	29.2*	49.685	N	7.901	E	10	G	1.3	8	GERMANY. ML 2.9 (LDG).	
25	09	53	16.5	22.027	S	170.092	E	32	D	4.9	1.1	40 LOYALTY ISLANDS REGION	
25	10	40	13.1	31.741	S	67.637	W	10	G	0.2	7	SAN JUAN PROVINCE, ARGENTINA	
25	11	42	00.2	48.153	N	7.650	E	10	G	0.8	16	FRANCE. ML 2.8 (LDG).	
25	11	56	18.2	23.984	S	70.407	W	33	N	0.8	10	NEAR COAST OF NORTHERN CHILE	
25	12	14	25.2%	26.877	S	26.657	E	5	G	1.0	6	REPUBLIC OF SOUTH AFRICA. ML 2.3 (PRE).	
25	12	16	25.2?	39.13	N	27.62	E	10	G	0.2	4	TURKEY. ML 2.8 (ISK).	
25	12	22	02.8?	21.82	S	177.97	W	411	?	4.4	1.2	13 FIJI ISLANDS REGION	
25	13	04	24.5%	26.930	S	26.770	E	5	G	0.9	5	REPUBLIC OF SOUTH AFRICA. ML 2.1 (PRE).	
25	13	15	43.3	36.441	N	70.780	E	195	*	4.6	1.2	33 HINDU KUSH REGION, AFGHANISTAN	
25	13	58	43.5	26.279	S	105.706	W	10	G	4.9	1.0	38 EASTER ISLAND REGION	
25	14	00	40.0%	40.978	N	24.486	E	5	G	0.6	6	AEGEAN SEA. ML 2.5 (THE).	
25	14	10	53.0?	19.86	S	175.41	W	217	?	4.4	1.0	12 TONGA ISLANDS	
25	14	44	12.0%	42.171	N	19.617	E	10	G	0.3	8	NORTHWESTERN BALKAN REGION	
25	14	45	50.0%	38.504	N	119.594	W	16			43	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.1 (GM).	
25	15	09	51.8%	26.320	S	27.522	E	5	G	0.7	6	REPUBLIC OF SOUTH AFRICA. ML 2.8 (PRE).	
25	15	20	58.9*	43.379	N	17.452	E	10	G	0.8	10	NORTHWESTERN BALKAN REGION	
25	15	23	05.3	40.541	N	22.323	E	5	G	0.6	10	GREECE. ML 2.4 (THE).	
25	15	28	09.9?	29.95	S	177.21	W	33	N	4.9	1.3	8 KERMADEC ISLANDS, NEW ZEALAND	
25	15	44	05.0?	18.37	N	99.16	E	10	G	1.5	4	SOUTHEAST ASIA	
25	16	34	03.4	43.137	N	0.708	W	10	G	0.5	10	PYRENEES. ML 1.0 (STR).	
25	17	38	27.0%	42.014	N	19.336	E	10	G	0.4	8	NORTHWESTERN BALKAN REGION	
25	17	48	35.4?	16.65	N	61.14	W	10	G	0.5	4	LEEWARD ISLANDS. ML 2.6 (FDF).	
25	19	01	50.9*	33.180	S	69.106	W	10	G	0.9	7	CHILE-ARGENTINA BORDER REGION	
25	19	08	02.5*	15.730	N	94.333	W	50	*	4.1	1.0	21 NEAR COAST OF OAXACA, MEXICO	
25	19	13	22.9*	7.639	N	74.743	W	33	N	1.4	8	NORTHERN COLOMBIA	
25	19	22	22.5	43.011	N	18.756	E	10	G	0.8	10	NORTHWESTERN BALKAN REGION	
25	19	36	05.2%	39.127	N	29.006	E	10	G	1.1	6	TURKEY. ML 2.9 (ISK).	
a	25	20	24	00.7	0.963	S	13.264	W	10	G	5.7	5.5	1.0 356 NORTH OF ASCENSION ISLAND. Mw 5.7 (GS), 5.7 (HRV).
25	20	27	06.8%	34.086	N	116.424	W	9			8	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS).	
25	20	56	19.7	45.265	N	6.875	E	10	G	0.7	13	FRANCE. ML 2.6 (GEN), 2.5 (LDG).	
25	21	21	43.3?	38.84	N	30.01	E	10	G	1.4	4	TURKEY. ML 2.9 (ISK).	
25	21	45	24.7	12.252	N	125.775	E	30	D	5.4	4.8	0.9 118 SAMAR, PHILIPPINE ISLANDS	
25	21	47	06.6?	8.12	S	122.91	E	230	?	4.5	0.7	11 FLORES REGION, INDONESIA	
25	21	52	33.0*	33.106	S	69.744	W	124	?	0.5	8	CHILE-ARGENTINA BORDER REGION	
25	21	57	03.4%	43.023	N	18.739	E	10	G	0.6	8	NORTHWESTERN BALKAN REGION	
25	22	17	33.6*	22.001	S	169.952	E	26	D	5.1	5.0	1.1 21 LOYALTY ISLANDS REGION	
25	23	41	00.8%	42.996	N	18.738	E	10	G	0.5	8	NORTHWESTERN BALKAN REGION	
26	00	22	25.9%	16.634	N	62.137	W	5	G	1.3	5	LEEWARD ISLANDS. ML 2.8 (FDF).	
26	00	29	15.4	38.648	S	175.607	E	191	*	0.4	24	NORTH ISLAND, NEW ZEALAND	
26	00	39	39.0%	63.554	N	150.915	W	13			29	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).	
26	00	49	20.6*	21.853	S	169.938	E	33	N	3.9	1.2	14 LOYALTY ISLANDS REGION	
26	00	56	51.4?	31.39	S	68.39	W	112	*	0.6	9	SAN JUAN PROVINCE, ARGENTINA	
26	02	08	20.0%	40.238	N	126.843	W	23			76	OFF COAST OF NORTHERN CALIFORNIA. <BRK>. ML 4.0 (BRK), 4.0 (GS).	
26	03	13	26.9	39.024	S	174.613	E	268	*	0.4	25	NORTH ISLAND, NEW ZEALAND	
26	03	58	27.4	13.552	N	93.669	E	67	*	4.8	1.2	32 ANDAMAN ISLANDS, INDIA	
26	04	38	37.6*	31.375	S	68.810	W	123	*	0.7	8	SAN JUAN PROVINCE, ARGENTINA	
26	06	09	18.4*	5.796	S	145.780	E	10	G	3.8	0.3	5 EASTERN NEW GUINEA REG., P.N.G.	
26	06	20	08.2?	21.09	S	68.89	W	130	G	0.9	7	CHILE-BOLIVIA BORDER REGION	
26	06	38	00.6%	26.895	S	26.701	E	5	G	1.0	8	REPUBLIC OF SOUTH AFRICA. ML 2.9 (PRE).	
26	06	42	16.1	42.316	N	122.091	W	5	G	0.8	18	OREGON. ML 3.0 (GS).	
26	07	04	50.1%	37.074	N	5.119	W	10	G	1.3	5	SPAIN. mbLg 2.5 (MDD).	
26	07	54	39.1?	31.21	S	68.35	W	105	?	0.2	5	SAN JUAN PROVINCE, ARGENTINA	
26	07	57	54.2%	64.820	N	146.840	W	9			31	CENTRAL ALASKA. <AEIC>. ML 2.9 (AEIC), 2.9 (PMR). Felt at Fairbanks and Two Rivers.	
26	08	47	23.3	49.143	N	6.855	E	10	G	0.7	16	GERMANY. ML 2.9 (STR), 2.4 (UCC).	
26	09	03	49.6	12.373	N	86.529	W	149	D	4.7	0.9	37 NICARAGUA	
26	09	55	52.6%	40.667	N	22.946	E	5	G	0.9	6	GREECE. ML 1.6 (THE).	
26	09	58	01.4	43.032	N	0.188	W	10	G	0.2	8	PYRENEES. ML 2.5 (LDG).	
26	10	53	36.6	2.199	N	126.959	E	70	*	5.0	1.1	61 NORTHERN MOLUCCA SEA	
26	11	27	16.4%	40.815	N	22.979	E	5	G	0.4	5	GREECE. ML 1.6 (THE).	
26	11	34	29.3?	40.87	N	27.61	E	10	G	0.2	4	TURKEY. ML 3.0 (ISK).	
26	11	56	40.8	39.786	N	20.742	E	10	G	0.6	12	GREECE-ALBANIA BORDER REGION. ML 2.6 (THE).	
26	12	08	05.5*	8.765	S	123.953	E	36	?	5.0	1.1	16 FLORES REGION, INDONESIA	
26	12	18	55.7%	60.375	N	141.202	W	9			12	SOUTHEASTERN ALASKA. <AEIC>. ML 2.6 (AEIC).	
26	12	23	26.2*	32.482	S	71.663	W	10	G	0.4	9	NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN).	
26	12	45	42.7*	41.815	N	22.266	E	10	G	0.9	8	NORTHWESTERN BALKAN REGION. ML 2.3 (THE), 2.1 (SKO).	
26	12	58	13.6	38.035	S	176.178	E	223	*	0.6	32	NORTH ISLAND, NEW ZEALAND	
26	13	02	34.2	41.209	N	21.990	E	5	G	0.4	9	NORTHWESTERN BALKAN REGION. ML 2.1 (THE), 1.8 (SKO).	
26	13	26	52.6*	32.517	S	71.675	W	28		0.8	15	NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN).	
26	13	30	37.7*	33.036	S	68.088	W	60	G	0.7	6	MENDOZA PROVINCE, ARGENTINA	
26	14	18	54.1%	42.389	N	18.940	E	10	G	0.4	8	NORTHWESTERN BALKAN REGION	
26	14	26	28.6	41.199	N	21.993	E	5	G	0.6	10	NORTHWESTERN BALKAN REGION. ML 2.2 (THE), 1.9 (SKO).	
26	15	16	51.9*	6.396	S	148.977	E	69	?	4.5	1.3	6 NEW BRITAIN REGION, P.N.G.	
26	15	31	20.0?	38.87	N	30.07	E	10	G	1.7	4	TURKEY. ML 2.8 (ISK).	
26	16	00	42.9*	38.326	N	22.217	E	5	G	0.7	9	GREECE. ML 3.1 (THE).	
26	16	00	56.1%	41.057	N	22.269	E	5	G	0.9	5	NORTHWESTERN BALKAN REGION. ML 1.3 (THE).	
26	16	26	16.3	33.268	S	68.236	W	48		4.7	0.8	32 MENDOZA PROVINCE, ARGENTINA. MD 4.7 (SAN). Felt (V) at Santa Rosa and Rivadavia; (IV) at Mendoza.	
26	17	02	13.7	12.287	N	125.643	E	33	D	4.9	4.5	0.9 55 SAMAR, PHILIPPINE ISLANDS	
26	17	14	56.4*	7.301	S	128.543	E	119	?	5.0	0.9	18 BANDA SEA	
26	17	51	05.8?	18.39	N	65.78	W	33	N	0.2	5	PUERTO RICO REGION	
26	18	25	32.4?	31.19	S	68.74	W	100	G	0.5	6	SAN JUAN PROVINCE, ARGENTINA	
26	19	22	35.1	22.711	N	120.604	E	33	N	4.2	1.1	12 TAIWAN. ML 4.1 (BJI).	
26	19	45	17.7?	24.32	S	178.32	W	478	?	4.5	0.6	20 SOUTH OF FIJI ISLANDS	
26	19	49	51.7%	37.647	N	118.857	W	5			37	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM).	
26	20	18	56.0%	32.862	N	115.677	W	11			7	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.0 (PAS).	
26	20	20	19.1?	14.70	N	61.11	W	10	G	0.2	4	WINDWARD ISLANDS. ML 1.3 (FDF).	
26	20	32	36.1?	14.71	N	61.11	W	10	G	0.3	4	WINDWARD ISLANDS. ML 1.4 (FDF).	
26	20	41	30.3	43.487	N	110.180	W	5	G	0.6	23	WYOMING. ML 3.8 (GS), 3.8 (BUT).	
26	21	01	16.8?	38.89	N	29.96	E	10	G	1.2	4	TURKEY. ML 3.0 (ISK).	

Time	Lat	Long	Depth	Mag	Station	Mag	Station	Mag	Station
26 21 12 30.4*	3.355 S	129.765 E	33 N	5.0	1.1	15	SERAM, INDONESIA		
26 21 24 46.9&	59.147 N	152.122 W	66			35	SOUTHERN ALASKA. <AEIC>. ML 2.9 (AEIC).		
26 21 47 38.3	34.952 S	179.713 E	320 *	4.4	1.0	48	SOUTH OF KERMADEC ISLANDS		
26 22 20 37.7	6.697 N	73.054 W	148 D	4.7	1.0	93	NORTHERN COLOMBIA. Felt at Bucaramanga and Cucuta.		
26 22 33 42.9*	33.702 S	179.795 E	303 *	4.4	1.0	42	SOUTH OF KERMADEC ISLANDS		
26 23 20 04.1	9.597 S	158.148 E	17 G	5.9 6.2	1.1	246	SOLOMON ISLANDS. Mw 6.2 (GS), 6.2 (HRV). Ms 6.1 (BRK). Mo=5.0*10**18 Nm (PPT). Depth from broadband displacement seismograms.		
26 23 50 22.3?	18.03 N	76.94 W	10 G		0.2	4	JAMAICA REGION. MD 2.1 (HOJ).		
27 00 40 14.1	37.678 N	137.452 E	41	4.6	0.9	41	NEAR WEST COAST OF HONSHU, JAPAN		
27 00 55 11.1*	32.001 S	71.809 W	10 G		0.5	13	NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN).		
27 01 15 34.7&	34.001 N	116.308 W	5			5	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS).		
27 01 27 46.7?	31.59 S	68.57 W	100 G		0.6	5	SAN JUAN PROVINCE, ARGENTINA		
27 01 37 56.4*	31.934 S	71.851 W	10 G		1.4	18	NEAR COAST OF CENTRAL CHILE. MD 4.2 (SAN).		
27 02 04 26.7*	31.474 N	28.937 E	10 G		0.8	10	EGYPT. ML 4.3 (CSS).		
27 03 14 32.5	53.010 N	170.696 E	33 N	4.8 4.4	1.1	81	NEAR ISLANDS, ALEUTIAN ISLANDS		
27 03 33 11.8	4.766 S	150.149 E	407	4.6	0.8	23	NEW BRITAIN REGION, P.N.G.		
27 03 55 39.8?	19.20 N	66.02 W	10 G		0.5	7	PUERTO RICO REGION		
27 04 33 28.7*	38.684 S	175.360 E	226 *		0.2	19	NORTH ISLAND, NEW ZEALAND		
27 04 48 16.2	35.844 N	105.554 E	33 N	4.2	1.0	15	GANSU, CHINA. ML 4.2 (BJI).		
27 04 48 55.1&	34.827 N	120.432 W	1			11	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS).		
27 05 12 38.4?	19.56 N	65.90 W	10 G		0.3	6	PUERTO RICO REGION		
27 05 27 50.8?	18.92 N	66.11 W	10 G		0.4	6	PUERTO RICO REGION		
27 05 54 04.3	43.995 N	7.458 E	5 G		0.4	12	NEAR SOUTH COAST OF FRANCE. ML 2.0 (GEN).		
27 06 11 22.6	38.625 N	141.164 E	104 G	5.9	0.9	544	NEAR EAST COAST OF HONSHU, JAPAN. Mw 5.8 (GS), 5.8 (HRV). Felt (IV JMA) at Ofunato and Sendai; (III JMA) at Fukushima, Hachinohe, Miyako, Morioka and Sakata. Depth from broadband displacement seismograms.		
27 06 13 42.2*	26.023 S	64.757 W	56 ?	4.4 5.0	0.9	14	TUCUMAN PROVINCE, ARGENTINA		
27 07 04 30.5	15.542 S	167.402 E	134 *	4.5	0.9	32	VANUATU ISLANDS		
27 07 42 31.2*	6.898 S	130.484 E	117 *	5.1	0.8	12	BANDA SEA		
27 09 21 43.0?	39.17 N	27.60 E	10 G		0.4	4	TURKEY. ML 2.7 (ISK).		
27 09 28 40.8*	31.402 S	67.636 W	10 G		0.2	6	SAN JUAN PROVINCE, ARGENTINA		
27 09 29 19.5?	40.71 N	29.84 E	10 G		0.1	4	TURKEY. ML 2.6 (ISK).		
27 09 36 46.7?	39.16 N	27.50 E	10 G		0.5	4	TURKEY. ML 2.7 (ISK).		
27 09 59 57.1	14.341 N	96.393 E	33 N	4.2	0.6	8	ANDAMAN ISLANDS, INDIA		
27 10 00 21.6	38.207 S	176.388 E	187 *	4.4	0.9	30	NORTH ISLAND, NEW ZEALAND		
27 10 08 07.6*	40.711 N	19.776 E	10 G		0.4	5	ALBANIA. ML 2.5 (TIR).		
27 10 47 36.5?	39.14 N	27.59 E	10 G		0.5	4	TURKEY. ML 2.7 (ISK).		
27 10 50 18.4	42.311 N	122.105 W	5 G		0.6	21	OREGON. ML 3.5 (GS), 3.4 (BRK).		
27 11 43 24.9%	39.698 N	29.407 E	10 G		0.9	5	TURKEY. ML 2.8 (ISK).		
27 12 04 39.9?	26.24 S	27.45 E	5 G		1.2	4	REPUBLIC OF SOUTH AFRICA		
27 12 19 55.9%	26.398 S	27.388 E	5 G		0.4	5	REPUBLIC OF SOUTH AFRICA. ML 2.5 (PRE).		
27 13 02 26.5%	26.205 S	28.148 E	5 G		0.5	5	REPUBLIC OF SOUTH AFRICA. ML 2.0 (PRE).		
27 13 11 10.8%	26.235 S	28.178 E	5 G		0.7	5	REPUBLIC OF SOUTH AFRICA. ML 2.0 (PRE).		
27 13 26 45.0	38.899 N	14.861 E	295	4.8	0.9	218	SICILY		
27 13 37 52.2&	39.628 N	123.443 W	12			37	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 3.2 (GM). ML 3.3 (GS), 3.0 (BRK). Felt strongly at Laytonville.		
27 13 46 07.3?	31.30 S	68.50 W	96 ?		0.1	6	SAN JUAN PROVINCE, ARGENTINA		
27 13 51 45.0	41.336 N	22.643 E	5 G		0.6	8	NORTHWESTERN BALKAN REGION. ML 2.4 (THE).		
27 13 56 42.9&	34.006 N	116.322 W	7			6	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS).		
27 14 02 29.8?	41.14 N	28.46 E	10 G		0.6	4	TURKEY. ML 2.8 (ISK).		
27 15 16 12.0?	33.57 S	68.32 W	10 G		0.2	4	MENDOZA PROVINCE, ARGENTINA		
27 15 32 19.2&	36.423 N	121.943 W	4			28	CENTRAL CALIFORNIA. <GM-P>. MD 2.7 (GM). ML 3.0 (GS).		
27 16 07 57.2	6.733 N	72.956 W	166	4.5	1.2	27	NORTHERN COLOMBIA		
27 16 08 08.1%	26.433 S	27.371 E	5 G		1.0	7	REPUBLIC OF SOUTH AFRICA. ML 3.0 (PRE).		
27 17 14 49.8	44.545 N	7.367 E	11		0.6	20	NORTHERN ITALY. ML 2.2 (GEN), 1.9 (LDG).		
27 17 47 50.2	44.164 S	168.567 E	10 G		0.4	15	SOUTH ISLAND, NEW ZEALAND. ML 3.7 (WEL).		
27 18 00 56.0%	44.542 N	6.613 E	10 G		0.5	6	FRANCE. ML 2.0 (LDG).		
27 18 45 40.0%	31.448 S	68.680 W	17 *		0.7	7	SAN JUAN PROVINCE, ARGENTINA		
27 18 57 50.3%	60.369 N	11.472 E	10 G		0.9	6	SOUTHERN NORWAY. MD 3.1 (BER). Felt.		
27 19 16 11.1?	31.71 N	138.08 E	384 ?	4.1	0.5	12	SOUTH OF HONSHU, JAPAN		
27 19 39 44.7*	38.234 S	177.503 E	141 ?		1.1	25	NORTH ISLAND, NEW ZEALAND		
27 19 55 21.4&	34.628 N	116.557 W	8			6	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS), 2.7 (GS).		
27 20 12 51.8&	59.825 N	152.266 W	73			37	SOUTHERN ALASKA. <AEIC>.		
27 20 47 49.3?	31.47 S	69.06 W	108 ?		0.3	7	SAN JUAN PROVINCE, ARGENTINA		
27 21 50 50.0	47.951 N	7.185 E	5 G		0.7	14	SWITZERLAND. ML 2.9 (LDG).		
27 22 25 16.0	25.231 S	179.999 E	524 *	5.2	1.1	56	SOUTH OF FIJI ISLANDS		
27 22 35 54.3%	43.139 N	18.275 E	10 G		0.6	9	NORTHWESTERN BALKAN REGION		
27 23 11 51.0?	68.93 N	17.95 E	5 G		0.1	4	NORTHERN NORWAY. MD 2.5 (BER). Felt.		
28 00 41 42.9&	37.645 N	118.949 W	9			42	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.4 (GM). ML 3.4 (GS), 3.2 (BRK).		
28 00 47 37.0%	32.769 S	70.651 W	41 ?		0.4	9	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).		
28 00 55 13.6&	37.637 N	118.937 W	8			12	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM).		
28 00 56 11.0&	37.628 N	118.950 W	1			8	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM).		
28 00 58 31.0?	37.74 N	25.40 W	10 G	3.7	0.8	5	AZORES ISLANDS		
28 01 01 52.1&	37.638 N	118.946 W	8			32	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM). ML 3.0 (GS), 3.1 (BRK).		
28 01 05 15.2&	62.007 N	150.981 W	65			52	CENTRAL ALASKA. <AEIC>. ML 2.8 (AEIC).		
28 01 14 11.4&	37.631 N	118.922 W	0			20	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM).		
28 01 19 10.8	37.655 N	118.887 W	5 G		0.8	12	CALIFORNIA-NEVADA BORDER REGION. ML 3.2 (GS). Small precursor about 35 seconds earlier.		
28 01 31 58.4&	37.636 N	118.922 W	4			30	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.1 (GM). ML 3.0 (BRK).		
28 02 06 15.6&	37.635 N	118.934 W	7			62	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.4 (GM). ML 3.4 (GS), 3.4 (BRK).		
28 02 07 27.1?	19.55 N	65.91 W	10 G		0.6	7	PUERTO RICO REGION		
28 02 39 57.6?	35.93 S	177.25 E	358 ?		0.3	14	OFF E. COAST OF N. ISLAND, N.Z.		
28 03 05 30.3?	43.43 N	20.48 E	10 G		0.4	8	NORTHWESTERN BALKAN REGION		
28 03 13 42.5?	40.69 N	30.19 E	10 G		0.2	5	TURKEY. ML 2.9 (ISK).		
28 03 57 06.6%	42.122 N	19.082 E	10 G		0.3	9	NORTHWESTERN BALKAN REGION		
28 04 16 07.3	41.330 N	22.630 E	5 G		0.5	7	NORTHWESTERN BALKAN REGION. ML 2.0 (THE).		
28 05 56 53.1?	42.46 N	8.11 W	10 G		0.2	4	SPAIN. mLg 2.8 (MDD).		

	28	06	46	02.3	33.231	S	68.231	W	10	G		0.9	21	MENDOZA PROVINCE, ARGENTINA. MD 4.3 (SAN).	
	28	07	12	55.3?	15.59	N	60.44	W	28	?		0.1	5	LEEWARD ISLANDS. ML 1.2 (FDF).	
	28	07	14	41.6	38.471	S	176.164	E	9			0.5	15	NORTH ISLAND, NEW ZEALAND. ML 3.8 (WEL).	
	28	07	29	51.9&	38.868	N	122.495	W	5				11	NORTHERN CALIFORNIA. <GM-P>. MD 2.8 (GM).	
	28	08	17	47.0&	59.319	N	152.501	W	71				55	SOUTHERN ALASKA. <AEIC>.	
	28	09	12	10.0%	36.691	N	106.364	E	33	N		0.8	6	WESTERN NEI MONGOL, CHINA. ML 3.8 (BJI).	
	28	09	46	49.1?	39.13	N	27.58	E	10	G		0.2	4	TURKEY. ML 2.7 (ISK).	
	28	09	56	52.3?	38.88	N	29.91	E	10	G		0.7	4	TURKEY. ML 3.1 (ISK).	
	28	10	29	11.4	45.453	N	14.335	E	5	G		1.1	57	NORTHWESTERN BALKAN REGION. ML 4.4 (GRF), 4.0 (VIE). MD 3.9 (LJU). Felt at Ilirska Bistrica, Ljubljana, Pivka and Postojna, Slovenia. Also felt in the Sneznik and Zatrep regions, Slovenia. Felt at Klana, Rijeka, Opatija and on Krk, Croatia.	
	28	10	32	48.2?	45.56	N	14.30	E	10	G		0.2	4	NORTHWESTERN BALKAN REGION. ML 3.0 (LJU).	
	28	10	38	18.2	29.003	N	43.195	W	10	G	4.7	0.7	30	NORTHERN MID-ATLANTIC RIDGE	
	28	10	41	52.8	43.883	N	12.779	E	10	G		0.9	57	CENTRAL ITALY. ML 4.0 (STR), 3.8 (LDG). MD 3.6 (TRI).	
a	28	10	50	27.1	5.599	S	110.267	E	569	D	5.6	1.0	327	JAVA SEA. Mw 5.5 (HRV).	
	28	11	09	32.7&	36.616	N	121.219	W	5				82	CENTRAL CALIFORNIA. <GM-P>. MD 3.4 (GM). ML 3.3 (GS), 3.2 (BRK).	
	28	11	23	20.5&	34.324	N	116.917	W	7				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).	
	28	11	50	20.7	38.452	S	176.155	E	11			0.8	22	NORTH ISLAND, NEW ZEALAND. ML 4.1 (WEL).	
	28	12	10	40.5?	31.61	S	68.20	W	101	?		0.1	5	SAN JUAN PROVINCE, ARGENTINA	
	28	12	14	33.8?	39.19	N	27.61	E	10	G		0.3	4	TURKEY. ML 2.8 (ISK).	
	28	12	39	01.6?	51.27	N	16.17	E	10	G		0.9	5	POLAND	
	28	12	40	49.5	3.827	S	128.726	E	142	D	5.0	1.1	34	SERAM, INDONESIA	
	28	13	14	02.4?	45.53	N	14.33	E	10	G		0.8	4	NORTHWESTERN BALKAN REGION. MD 2.0 (LJU).	
	28	13	17	38.5	41.110	N	20.959	E	5	G		0.8	23	ALBANIA. ML 3.3 (SKO), 3.0 (THE). Felt (IV) in the Ohrid area, the Former Yugoslav Republic of Macedonia.	
	28	13	35	20.9*	41.209	N	20.843	E	5	G		1.3	12	ALBANIA. ML 2.4 (THE). Felt (IV) in the Ohrid area, the Former Yugoslav Republic of Macedonia.	
	28	13	58	18.4&	60.137	N	152.941	W	109				69	SOUTHERN ALASKA. <AEIC>.	
	28	14	34	49.7?	18.37	N	101.74	W	10	G		0.9	8	GUERRERO, MEXICO	
	28	15	11	43.4?	10.80	N	62.19	W	73	?		0.2	8	NEAR COAST OF VENEZUELA. MD 3.4 (TRN).	
	28	15	40	33.8	41.078	N	20.906	E	5	G		0.8	27	ALBANIA. ML 3.5 (SKO), 2.9 (THE). Felt (IV) in the Ohrid area, the Former Yugoslav Republic of Macedonia.	
	28	16	13	46.1*	24.042	S	67.881	W	33	N		1.0	7	CHILE-ARGENTINA BORDER REGION	
	28	16	40	44.9	44.460	N	114.763	W	10	G		0.4	19	WESTERN IDAHO. ML 3.2 (GS), 3.4 (BUT).	
	28	16	42	10.9?	16.61	N	98.98	W	10	G		1.0	7	NEAR COAST OF GUERRERO, MEXICO	
	28	16	57	43.8?	11.88	N	69.46	W	10	G		0.5	4	NEAR COAST OF VENEZUELA	
	28	17	15	04.7?	31.54	S	68.80	W	100	G		0.1	4	SAN JUAN PROVINCE, ARGENTINA	
	28	17	28	05.6?	43.10	N	0.48	W	10	G		0.1	4	PYRENEES. ML 1.0 (STR).	
	28	18	04	35.9	18.128	N	76.803	W	10	G		0.6	6	JAMAICA REGION. MD 2.8 (HOJ).	
	28	18	15	14.7*	23.900	N	121.887	E	10	G	4.1	0.8	9	TAIWAN. ML 3.8 (BJI).	
	28	19	23	57.7	46.062	N	14.690	E	14			1.0	15	NORTHWESTERN BALKAN REGION. ML 3.0 (VIE), 2.8 (LJU). MD 2.9 (TRI). Felt (IV) at Moravce, Dol, Kresnice and Litija, Slovenia.	
	28	19	50	35.3	41.366	N	20.914	E	5	G		0.6	12	ALBANIA. ML 2.3 (SKO).	
	28	20	59	27.1	36.474	N	71.309	E	108	D	5.1	1.0	214	AFGHANISTAN-TAJIKISTAN BORD REG.	
	28	22	21	35.4	19.928	N	121.358	E	35	D	4.8	4.5	1.1	75	PHILIPPINE ISLANDS REGION
	28	22	32	47.2&	37.637	N	118.941	W	8				38	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM).	
	28	22	48	33.3&	37.436	N	118.541	W	13				34	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.1 (GM).	
	28	23	01	33.6*	9.968	N	79.101	W	33	N	4.2	1.0	7	PANAMA. MD 4.1 (UPA).	
	29	00	37	52.0	43.017	N	18.723	E	10	G		0.5	9	NORTHWESTERN BALKAN REGION	
	29	01	27	17.6?	35.19	S	70.45	W	10	G		1.0	11	CHILE-ARGENTINA BORDER REGION. MD 3.8 (SAN).	
	29	02	17	41.9*	21.102	S	69.340	W	151	?		1.3	9	NORTHERN CHILE	
	29	03	40	08.1*	31.262	S	68.822	W	114	*		0.6	9	SAN JUAN PROVINCE, ARGENTINA	
	29	04	09	05.0*	19.065	S	67.161	W	244		4.1	1.2	11	SOUTHERN BOLIVIA	
	29	05	01	05.5&	37.646	N	118.854	W	5				11	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM).	
	29	05	07	54.0&	37.646	N	118.852	W	5				26	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.1 (GM). Double event. Smaller precursor about 5 seconds prior to the main event.	
a	29	06	35	24.4	20.783	S	174.092	W	33	D	5.3	5.0	1.1	92	TONGA ISLANDS. Mw 5.3 (HRV). Mo=1.8*10**17 Nm (PPT).
	29	06	57	52.6*	38.187	S	175.917	E	221	*			0.4	22	NORTH ISLAND, NEW ZEALAND
	29	07	32	05.5	0.105	S	123.005	E	146		5.1		1.1	136	MINAHASSA PENINSULA, SULAWESI
	29	09	15	44.4?	19.04	N	69.26	W	162	?	3.7		0.9	12	DOMINICAN REPUBLIC REGION
	29	09	26	14.7*	14.330	N	94.163	W	70	*	3.9		1.0	9	OFF COAST OF CHIAPAS, MEXICO
	29	10	04	00.7?	31.57	S	69.37	W	100	G		0.1	5	SAN JUAN PROVINCE, ARGENTINA	
	29	10	16	27.1?	4.52	S	146.90	E	105	?	3.8		1.2	6	EASTERN NEW GUINEA REG., P.N.G.
	29	10	47	04.0&	38.816	N	122.763	W	2		3.2		95	NORTHERN CALIFORNIA. <GM-P>. MD 3.8 (GM). ML 3.9 (GS), 3.8 (BRK). Felt (V) at Cobb and (IV) at Geyserville, Kelseyville and Middletown. Also felt in The Geysers area.	
	29	11	07	00.3&	33.711	N	116.847	W	16				6	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS). Felt.	
	29	11	35	29.4&	59.436	N	152.737	W	78		3.1		66	SOUTHERN ALASKA. <AEIC>.	
	29	13	44	49.1	2.394	N	121.215	E	37	*	4.9		0.7	30	CELEBES SEA
	29	14	09	14.5*	11.904	N	81.455	W	10	G	3.6		0.5	5	NORTH OF PANAMA. MD 4.0 (UPA).
	29	14	15	02.9	44.640	N	6.742	E	12				0.3	26	FRANCE. ML 3.0 (LDG), 2.7 (GEN).
	29	14	42	34.4%	33.463	S	69.994	W	14				0.3	9	CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
	29	15	03	04.9%	28.044	S	26.813	E	5	G			0.7	7	REPUBLIC OF SOUTH AFRICA. ML 3.1 (PRE).
	29	15	42	17.8?	31.62	S	69.17	W	100	G			0.3	4	SAN JUAN PROVINCE, ARGENTINA
	29	16	26	27.3	12.251	N	125.916	E	33	N	4.5		1.0	19	SAMAR, PHILIPPINE ISLANDS
	29	16	49	29.9%	31.759	S	68.324	W	118	?			0.3	7	SAN JUAN PROVINCE, ARGENTINA
	29	16	55	05.2*	40.622	N	142.524	E	33	N			1.1	5	NEAR EAST COAST OF HONSHU, JAPAN
	29	17	02	04.5*	12.157	N	125.837	E	33	*	4.6		1.2	23	SAMAR, PHILIPPINE ISLANDS
	29	17	20	49.2	16.128	N	98.581	W	10	G	4.3		1.0	33	NEAR COAST OF GUERRERO, MEXICO
	29	17	29	23.9*	15.417	S	71.841	W	155	*	3.8		1.3	10	SOUTHERN PERU
	29	18	16	41.5&	37.637	N	118.945	W	8				19	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM). ML 2.8 (GS).	
	29	18	49	56.3	43.559	N	7.144	E	10	G			0.8	8	NEAR SOUTH COAST OF FRANCE. ML 1.9 (LDG), 1.5 (STR).
	29	18	52	14.4?	32.15	S	71.25	W	71	?			0.3	9	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
	29	19	13	29.5%	41.068	N	23.718	E	5	G			0.3	6	GREECE-BULGARIA BORDER REGION. ML 2.2 (THE).
	29	19	42	29.2	7.208	S	93.840	E	10	G	5.1		1.0	43	SOUTH INDIAN OCEAN
	29	19	53	13.3?	31.28	S	68.66	W	100	G			0.1	5	SAN JUAN PROVINCE, ARGENTINA

a	29	20 28 43.9	10.294 N	126.477 E	38 D	5.5 5.6	1.2	163	PHILIPPINE ISLANDS REGION. Mw 5.8 (HRV). Ms 5.6 (BRK).
	29	21 15 00.8	45.712 N	4.601 E	5 G		0.9	31	FRANCE. ML 3.1 (LDG), 2.9 (STR).
	29	21 39 29.0%	43.025 N	18.782 E	5 G		0.5	9	NORTHWESTERN BALKAN REGION
	29	21 43 12.0%	61.670 N	151.789 W	106			60	SOUTHERN ALASKA. <AEIC>.
	29	21 59 55.6	43.001 N	18.766 E	5 G		0.6	9	NORTHWESTERN BALKAN REGION
	29	22 21 33.9%	43.012 N	18.771 E	5 G		0.4	9	NORTHWESTERN BALKAN REGION
	29	22 44 46.4	47.923 N	7.201 E	10 G		1.3	10	SWITZERLAND. ML 2.5 (LDG), 2.1 (STR).
	29	23 29 06.4%	38.795 N	122.735 W	3			6	NORTHERN CALIFORNIA. <GM-P>. MD 2.8 (GM).
	29	23 52 39.2%	60.883 N	150.388 W	32			47	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.8 (AEIC).
	30	00 37 27.8*	36.119 N	10.706 W	33 N		0.9	11	NORTH ATLANTIC OCEAN. mbLg 3.0 (MDD).
	30	00 42 39.0%	61.451 N	141.581 W	0			17	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	30	00 48 49.0*	40.090 N	20.032 E	10 G		0.7	5	GREECE-ALBANIA BORDER REGION
	30	00 51 37.7*	29.356 S	125.228 E	10 G		0.9	5	WESTERN AUSTRALIA
	30	00 59 00.5%	26.191 S	27.510 E	5 G		1.4	5	REPUBLIC OF SOUTH AFRICA. mbLg 2.5 (BUL).
	30	01 14 52.4%	42.986 N	18.757 E	5 G		0.6	8	NORTHWESTERN BALKAN REGION
	30	02 54 48.6%	42.290 N	121.988 W	8			29	OREGON. <SEA-P>. MD 3.0 (SEA). ML 3.3 (GS), 3.0 (BRK).
	30	03 07 31.8	35.863 N	103.026 W	5 G		0.8	12	NEW MEXICO. mbLg 3.3 (GS). MD 3.3 (SNM). Felt (IV) at Amistad and Nara Visa; (III) at Sedan. Also felt (III) in the area 10 miles north of Sunray, Texas.
	30	03 12 32.4?	37.05 N	6.87 W	33 N		0.7	7	SPAIN. mbLg 2.8 (MDD).
	30	03 21 31.4*	3.580 S	101.601 E	45 D	5.1 4.6	1.1	25	SOUTHERN SUMATERA, INDONESIA
	30	03 30 36.6%	42.287 N	121.995 W	8	3.1		35	OREGON. <SEA-P>. MD 3.0 (SEA). ML 3.5 (GS), 3.2 (BRK).
	30	04 34 49.3?	22.50 S	172.19 E	33 N	4.8	1.0	11	LOYALTY ISLANDS REGION
a	30	04 59 26.1	59.047 S	18.158 W	33 N	5.2 5.5	1.3	42	SOUTHWESTERN ATLANTIC OCEAN. Mw 5.9 (HRV).
	30	06 00 39.3*	29.373 S	71.743 W	33 N		0.7	18	NEAR COAST OF CENTRAL CHILE
	30	06 22 06.3?	26.94 S	26.69 E	5 G		0.9	4	REPUBLIC OF SOUTH AFRICA
	30	06 37 55.7%	37.574 N	118.844 W	8			34	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM).
	30	07 14 53.3?	31.43 S	69.35 W	100 G		0.4	4	SAN JUAN PROVINCE, ARGENTINA
	30	07 58 30.6*	36.537 N	71.050 E	170 ?	4.3	1.0	16	AFGHANISTAN-TAJIKISTAN BORD REG.
	30	08 24 08.2*	22.710 S	68.860 W	123 ?	4.4	1.4	9	NORTHERN CHILE
	30	08 32 42.3%	44.414 N	7.212 E	10 G		0.5	6	NORTHERN ITALY. ML 1.6 (GEN).
	30	08 46 34.2	41.976 N	20.327 E	5 G		0.9	13	ALBANIA
	30	09 45 35.2%	40.444 N	21.868 E	5 G		0.0	5	GREECE. ML 1.7 (THE).
	30	10 02 59.3%	31.446 S	68.689 W	100 G		0.5	6	SAN JUAN PROVINCE, ARGENTINA
	30	11 27 10.5	11.136 N	95.185 E	33 N	4.6	1.1	36	ANDAMAN ISLANDS, INDIA
	30	11 55 50.2*	33.854 S	71.959 W	10 G		0.6	11	NEAR COAST OF CENTRAL CHILE
	30	12 01 02.8%	28.031 S	26.752 E	5 G		0.6	7	REPUBLIC OF SOUTH AFRICA. ML 2.7 (PRE).
	30	13 03 12.8%	63.279 N	151.297 W	11			41	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC), 3.1 (PMR).
	30	13 17 25.2*	32.486 N	5.668 W	10 G		1.5	13	MOROCCO. mbLg 3.1 (MDD).
	30	13 46 57.4*	18.545 N	145.481 E	220 *	4.5	0.9	12	MARIANA ISLANDS
	30	13 50 42.2%	42.991 N	18.771 E	5 G		0.5	9	NORTHWESTERN BALKAN REGION
	30	14 11 37.3%	41.347 N	24.347 E	5 G		0.6	8	GREECE-BULGARIA BORDER REGION. ML 2.3 (THE).
	30	14 21 11.3	5.657 S	145.470 E	118	4.6	0.8	13	EASTERN NEW GUINEA REG., P.N.G.
	30	14 30 07.9	38.372 N	21.918 E	5 G		1.0	18	GREECE. ML 3.4 (ATH), 3.3 (THE).
	30	14 37 25.3%	60.114 N	4.894 E	10 G		0.7	6	SOUTHERN NORWAY. MD 2.1 (BER).
	30	14 54 32.2*	20.963 S	68.183 W	215 ?		1.0	8	CHILE-BOLIVIA BORDER REGION
	30	14 59 21.7?	31.55 S	68.80 W	100 G		0.3	6	SAN JUAN PROVINCE, ARGENTINA
	30	14 59 37.7%	60.093 N	4.819 E	10 G		0.6	5	SOUTHERN NORWAY. MD 1.9 (BER).
	30	15 02 34.8%	31.747 N	68.151 W	30 *		0.7	7	SAN JUAN PROVINCE, ARGENTINA
	30	15 18 33.0*	24.313 S	67.239 W	199 *		1.1	12	CHILE-ARGENTINA BORDER REGION
	30	15 30 55.3?	31.46 S	69.22 W	120 G		0.2	5	SAN JUAN PROVINCE, ARGENTINA
	30	15 40 47.8	51.499 N	172.696 W	33 N	4.7 4.6	1.0	53	ANDREANOF ISLANDS, ALEUTIAN IS. ML 5.0 (PMR).
	30	16 23 28.8%	26.385 S	27.506 E	5 G		0.2	5	REPUBLIC OF SOUTH AFRICA. ML 2.5 (PRE).
	30	16 40 35.6*	4.996 S	145.357 E	10 G		1.0	5	NEAR N COAST OF NEW GUINEA, PNG. ML 4.5 (PMG).
	30	18 05 31.1*	51.557 N	16.062 E	10 G		0.5	7	POLAND. ML 3.5 (VIE), 3.3 (GRF).
	30	19 03 15.9*	22.976 N	121.336 E	30 D	4.5	1.3	21	TAIWAN REGION. ML 4.2 (BJI).
	30	19 56 42.4%	31.576 S	68.802 W	103 ?		0.3	7	SAN JUAN PROVINCE, ARGENTINA
	30	20 06 48.3?	7.33 S	129.14 E	146 ?	4.4	0.5	5	BANDA SEA
a	30	20 37 12.8	39.263 N	75.533 E	18 D	5.2 5.6	1.0	209	SOUTHERN XINJIANG, CHINA. Mw 5.6 (HRV). At least four people were injured and about 100 houses destroyed in the Shufu area.
a	30	20 44 13.1	16.995 S	177.048 W	411 D	5.2	1.1	204	FIJI ISLANDS REGION. Mw 5.6 (HRV).
	30	21 54 57.9?	5.82 S	147.64 E	94 ?	3.9	1.0	5	EASTERN NEW GUINEA REG., P.N.G.
	30	21 59 23.9*	50.883 N	98.415 E	10 G	4.4	0.9	13	RUSSIA-MONGOLIA BORDER REGION
	30	22 33 30.9%	11.103 N	61.784 W	56 ?		0.6	9	WINDWARD ISLANDS. MD 3.4 (TRN).
	30	22 36 00.9?	47.86 N	2.74 W	10 G		0.2	5	FRANCE. ML 2.8 (LDG).
	30	23 23 01.8*	35.833 N	3.034 W	33 N		1.1	7	STRAIT OF GIBRALTAR. mbLg 3.0 (MDD).

ADDITIONAL SOURCE PARAMETERS

<p>01 00 01 19.65 2.042N 98.121E 84km 5.2mb (47 obs.) NORTHERN SUMATERA, INDONESIA CENTROID, MOMENT TENSOR (HRV) Data Used: GDSN L.P.B.: 28S, 37C Centroid Location: Origin Time 00:01:22.3 0.5 Lat 1.73N 0.04 Lon 98.00E 0.05 Dep 40.7 3.3 Half-duration 1.3 Principal Axes: Scale 10**16 Nm T Val= 10.80 Plg=61 Azm= 72 N 0.95 17 308 P -11.75 23 211 Best Double Couple:Mo=1.1*10**17 NP1:Strike=272 Dip=27 Slip= 51 NP2: 135 69 108</p>	<p>5.3mb (35 obs.) 5.1Msz (30 obs.) EASTERN NEW GUINEA REG., P.N.G. CENTROID, MOMENT TENSOR (HRV) Data Used: GDSN L.P.B.: 25S, 36C Centroid Location: Origin Time 18:37:51.7 0.5 Lat 5.83S 0.06 Lon 145.85E 0.05 Dep 18.9 3.5 Half-duration 1.3 Principal Axes: Scale 10**17 Nm T Val= 2.45 Plg=32 Azm= 39 N -0.05 4 132 P -2.40 58 228 Best Double Couple:Mo=2.4*10**17 NP1:Strike=114 Dip=14 Slip=-108 NP2: 313 77 -86</p>	<p>Dep 15.0 FIX Half-duration 3.0 Principal Axes: Scale 10**18 Nm T Val= 2.10 Plg= 7 Azm=156 N 0.01 81 303 P -2.11 5 65 Best Double Couple:Mo=2.1*10**18 NP1:Strike=200 Dip=82 Slip= 178 NP2: 291 88 8</p>
<p>01 12 14 11.67 12.581N 87.770W 73km 4.9mb (32 obs.) NEAR COAST OF NICARAGUA CENTROID, MOMENT TENSOR (HRV) Data Used: GDSN L.P.B.: 42S, 65C Centroid Location: Origin Time 12:14:12.0 0.3 Lat 12.40N 0.03 Lon 87.99W 0.03 Dep 44.0 2.2 Half-duration 1.2 Principal Axes: Scale 10**17 Nm T Val= 1.47 Plg=83 Azm=325 N -0.11 6 117 P -1.36 3 207 Best Double Couple:Mo=1.4*10**17 NP1:Strike=304 Dip=42 Slip= 99 NP2: 111 49 82</p>	<p>04 05 18 37.46 38.372N 22.002E 17km 5.0mb (76 obs.) 5.2Msz (27 obs.) GREECE CENTROID, MOMENT TENSOR (HRV) Data Used: GDSN L.P.B.: 24S, 41C Centroid Location: Origin Time 05:18:41.5 0.2 Lat 38.12N 0.04 Lon 22.03E 0.05 Dep 15.0 FIX Half-duration 1.1 Principal Axes: Scale 10**17 Nm T Val= 1.06 Plg= 9 Azm= 0 N 0.14 9 91 P -1.21 77 226 Best Double Couple:Mo=1.1*10**17 NP1:Strike= 79 Dip=37 Slip=-105 NP2: 278 54 -79</p>	<p>07 20 24 21.73 62.195S 154.361E 10km 4.6mb (3 obs.) 4.9Msz (2 obs.) BALLENY ISLANDS REGION CENTROID, MOMENT TENSOR (HRV) Data Used: GDSN L.P.B.: 18S, 29C Centroid Location: Origin Time 20:24:27.9 0.3 Lat 62.18S 0.03 Lon 154.51E 0.07 Dep 15.0 FIX Half-duration 1.0 Principal Axes: Scale 10**16 Nm T Val= 11.37 Plg= 0 Azm=204 N 0.85 90 180 P -12.22 0 114 Best Double Couple:Mo=1.2*10**17 NP1:Strike=249 Dip=90 Slip=-180 NP2: 339 90 0</p>
<p>01 17 19 25.23 10.065S 161.210E 118km 5.8mb (73 obs.) SOLOMON ISLANDS RADIATED ENERGY No. of sta: 11 Focal mech. M Energy 3.6±1.0*10**12 Nm MOMENT TENSOR SOLUTION Dep 71 No. of sta: 11 Principal Axes: Scale 10**17 Nm T Val= 4.09 Plg=46 Azm=286 N -0.01 44 112 P -4.08 3 19 Best Double Couple:Mo=4.1*10**17 NP1:Strike= 73 Dip=57 Slip= 34 NP2: 323 62 142 CENTROID, MOMENT TENSOR (HRV) Data Used: GDSN L.P.B.: 35S, 60C Centroid Location: Origin Time 17:19:23.5 0.2 Lat 10.17S 0.03 Lon 161.56E 0.03 Dep 84.1 1.6 Half-duration 1.5 Principal Axes: Scale 10**17 Nm T Val= 2.73 Plg=39 Azm=299 N 0.50 51 125 P -3.23 3 31 Best Double Couple:Mo=3.0*10**17 NP1:Strike= 82 Dip=61 Slip= 27 NP2: 338 66 148</p>	<p>05 07 02 06.11 7.033S 106.101E 75km 5.4mb (56 obs.) JAWA, INDONESIA CENTROID, MOMENT TENSOR (HRV) Data Used: GDSN L.P.B.: 17S, 25C Centroid Location: Origin Time 07:02:13.0 1.0 Lat 7.45S 0.07 Lon 106.35E 0.07 Dep 35.8 4.3 Half-duration 1.4 Principal Axes: Scale 10**16 Nm T Val= 8.07 Plg=70 Azm= 11 N -0.27 3 273 P -7.79 19 182 Best Double Couple:Mo=7.9*10**16 NP1:Strike=267 Dip=26 Slip= 84 NP2: 94 64 93</p>	<p>08 19 15 49.76 25.414S 176.607W 29km 5.3mb (38 obs.) 4.8Msz (26 obs.) SOUTH OF FIJI ISLANDS CENTROID, MOMENT TENSOR (HRV) Data Used: GDSN L.P.B.: 25S, 36C Centroid Location: Origin Time 19:15:51.7 0.8 Lat 25.10S 0.08 Lon 176.23W 0.08 Dep 29.0 FIX Half-duration 1.0 Principal Axes: Scale 10**16 Nm T Val= 6.04 Plg=67 Azm= 78 N -1.52 23 274 P -4.52 6 182 Best Double Couple:Mo=5.3*10**16 NP1:Strike=249 Dip=44 Slip= 56 NP2: 111 55 118</p>
<p>03 13 18 10.80 7.123S 67.916E 10km 5.4mb (91 obs.) 5.4Msz (46 obs.) MID-INDIAN RIDGE CENTROID, MOMENT TENSOR (HRV) Data Used: GDSN L.P.B.: 35S, 73C Centroid Location: Origin Time 13:18:16.6 0.2 Lat 7.58S 0.04 Lon 68.16E 0.03 Dep 15.0 FIX Half-duration 1.5 Principal Axes: Scale 10**17 Nm T Val= 3.37 Plg=18 Azm= 47 N -0.76 2 316 P -2.61 71 220 Best Double Couple:Mo=3.0*10**17 NP1:Strike=140 Dip=27 Slip= -86 NP2: 315 63 -92</p>	<p>05 22 37 20.18 3.188S 148.339E 14km 5.7mb (80 obs.) 6.2Msz (52 obs.) BISMARCK SEA FAULT PLANE SOLUTION: P-Waves NP1:Strike=102 Dip=80 Slip= 0 NP2: 192 90 190 Principal Axes: T Plg= 7 Azm=327 P 7 57 Comment: The focal mechanism is moderately well controlled and corresponds to strike-slip faulting. The preferred fault plane is not determined. RADIATED ENERGY No. of sta: 12 Focal mech. F Energy 1.1±0.2*10**14 Nm MOMENT TENSOR SOLUTION Dep 21 No. of sta: 17 Principal Axes: Scale 10**18 Nm T Val= 2.02 Plg=14 Azm=340 N 0.01 76 155 P -2.03 1 250 Best Double Couple:Mo=2.0*10**18 NP1:Strike= 24 Dip=80 Slip= 171 NP2: 116 81 10 CENTROID, MOMENT TENSOR (HRV) Data Used: GDSN L.P.B.: 48S, **C M.W.: 35S, 59C Centroid Location: Origin Time 22:37:24.8 0.1 Lat 3.10S 0.01 Lon 148.55E 0.01</p>	<p>08 20 48 54.75 36.183N 141.669E 33km 5.4mb (131 obs.) 4.9Msz (35 obs.) NEAR EAST COAST OF HONSHU, JAPAN CENTROID, MOMENT TENSOR (HRV) Data Used: GDSN L.P.B.: 19S, 23C Centroid Location: Origin Time 20:49: 0.8 1.1 Lat 36.43N 0.09 Lon 141.50E 0.11 Dep 32.7 5.3 Half-duration 1.3 Principal Axes: Scale 10**16 Nm T Val= 11.45 Plg=57 Azm=328 N 1.11 11 220 P -12.55 31 124 Best Double Couple:Mo=1.2*10**17 NP1:Strike=182 Dip=17 Slip= 51 NP2: 43 77 101</p>
<p>03 18 37 46.01 5.793S 145.912E 10km</p>	<p>09 02 14 03.70 14.353N 53.744E 10km 5.3mb (73 obs.) 5.1Msz (42 obs.) ARABIAN SEA CENTROID, MOMENT TENSOR (HRV) Data Used: GDSN L.P.B.: 36S, 68C Centroid Location: Origin Time 02:14:11.4 0.3 Lat 14.94N 0.03 Lon 53.58E 0.02 Dep 15.0 FIX Half-duration 1.6 Principal Axes: Scale 10**17 Nm T Val= 3.09 Plg=13 Azm=158 N -0.37 75 11 P -2.72 8 250 Best Double Couple:Mo=2.9*10**17 NP1:Strike=294 Dip=75 Slip= 3 NP2: 203 87 165</p>	<p>09 23 44 26.24 28.764S 178.396W 268km 5.0mb (21 obs.) KERMADEC ISLANDS REGION CENTROID, MOMENT TENSOR (HRV)</p>

Data Used: GDSN
L.P.B.: 29S, 40C
Centroid Location:
Origin Time 23:44:33.0 0.6
Lat 28.21S 0.06 Lon 178.19W 0.05
Dep 273.5 2.0 Half-duration 1.2
Principal Axes:
Scale 10**16 Nm
T Val= 11.40 Plg=61 Azm=183
N -1.19 24 40
P -10.21 15 303
Best Double Couple:Mo=1.1*10**17
NP1:Strike= 3 Dip=36 Slip= 47
NP2: 232 64 116

10 00 03 23.41 4.676S 151.927E 96km
5.6mb (72 obs.)
NEW BRITAIN REGION, P.N.G.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 40S, 54C
Centroid Location:
Origin Time 00:03:27.9 0.5
Lat 4.72S 0.04 Lon 152.06E 0.03
Dep 102.8 1.8 Half-duration 1.2
Principal Axes:
Scale 10**17 Nm
T Val= 1.41 Plg=72 Azm=224
N -0.05 11 96
P -1.36 14 3
Best Double Couple:Mo=1.4*10**17
NP1:Strike= 78 Dip=33 Slip= 69
NP2: 283 60 103

10 11 13 37.91 15.344S 177.029W 381km
5.3mb (70 obs.)
FIJI ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 43S, 90C
Centroid Location:
Origin Time 11:13:44.6 0.2
Lat 14.64S 0.02 Lon 176.89W 0.01
Dep 387.2 0.9 Half-duration 2.2
Principal Axes:
Scale 10**17 Nm
T Val= 7.39 Plg= 8 Azm= 97
N -0.82 80 310
P -6.57 5 188
Best Double Couple:Mo=7.0*10**17
NP1:Strike=233 Dip=80 Slip= 2
NP2: 142 88 170

11 00 28 33.54 50.200N 177.446W 19km
6.3mb (180 obs.) 5.6Msz (61 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS.
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 75 Dip=50 Slip=-115
NP2: 291 46 -63
Principal Axes:
T Plg= 2 Azm=182
P 71 278
Comment: The focal mechanism is poorly controlled and corresponds to normal faulting with a moderate strike-slip component. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 23 Focal mech. F
Energy 2.3±0.4*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 30 No. of sta: 32
Principal Axes:
Scale 10**18 Nm
T Val= 1.25 Plg= 5 Azm=347
N -0.21 6 78
P -1.04 82 218
Best Double Couple:Mo=1.1*10**18
NP1:Strike= 70 Dip=40 Slip=-100
NP2: 263 51 -82
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 46S, **C M.W.: 14S, 19C
Centroid Location:
Origin Time 00:28:37.9 0.1
Lat 50.41N 0.01 Lon 177.31W 0.02
Dep 28.1 0.7 Half-duration 2.4
Principal Axes:
Scale 10**18 Nm
T Val= 1.16 Plg=12 Azm=183
N -0.12 9 91

P -1.05 75 326
Best Double Couple:Mo=1.1*10**18
NP1:Strike=285 Dip=34 Slip= -74
NP2: 85 58 -100

11 10 13 55.32 4.543S 153.147E 46km
5.7mb (76 obs.) 5.5Msz (50 obs.)
NEW IRELAND REGION, P.N.G.
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 80 Dip=75 Slip= 90
NP2: 260 15 90
Principal Axes:
T Plg=60 Azm=350
P 30 170
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
RADIATED ENERGY
No. of sta: 11 Focal mech. M
Energy 9.3±2.6*10**11 Nm
MOMENT TENSOR SOLUTION
Dep 41 No. of sta: 16
Principal Axes:
Scale 10**17 Nm
T Val= 9.24 Plg=52 Azm= 24
N -0.07 24 259
P -9.17 27 156
Best Double Couple:Mo=9.2*10**17
NP1:Strike=202 Dip=28 Slip= 29
NP2: 85 77 115
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 50S, **C
Centroid Location:
Origin Time 10:14: 2.8 0.2
Lat 4.59S 0.02 Lon 153.22E 0.02
Dep 46.2 1.2 Half-duration 2.3
Principal Axes:
Scale 10**17 Nm
T Val= 10.37 Plg=64 Azm=341
N -0.88 2 76
P -9.49 26 167
Best Double Couple:Mo=9.9*10**17
NP1:Strike=262 Dip=20 Slip= 97
NP2: 75 71 88

11 16 46 42.35 13.813N 90.437W 71km
5.5mb (26 obs.)
NEAR COAST OF GUATEMALA
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=290 Dip=75 Slip= -52
NP2: 38 40 -156
Principal Axes:
T Plg=21 Azm=352
P 46 239
Comment: The focal mechanism is poorly controlled and corresponds to normal faulting with a large strike-slip component. The preferred fault plane is not determined.
MOMENT TENSOR SOLUTION
Dep 41 No. of sta: 4
Principal Axes:
Scale 10**17 Nm
T Val= 3.06 Plg=26 Azm= 13
N 0.04 21 114
P -3.10 55 237
Best Double Couple:Mo=3.1*10**17
NP1:Strike= 64 Dip=27 Slip=-143
NP2: 300 75 -68
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 42S, 71C
Centroid Location:
Origin Time 16:46:44.6 0.3
Lat 13.69N 0.02 Lon 90.86W 0.02
Dep 56.5 1.9 Half-duration 1.5
Principal Axes:
Scale 10**17 Nm
T Val= 2.44 Plg=25 Azm= 27
N 0.04 10 122
P -2.48 63 233
Best Double Couple:Mo=2.5*10**17
NP1:Strike= 96 Dip=22 Slip=-118
NP2: 306 70 -79

12 11 16 33.67 51.414N 177.976W 33km
5.2mb (101 obs.) 5.1Msz (50 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS.

CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 33S, 55C
Centroid Location:
Origin Time 11:16:38.2 0.4
Lat 51.52N 0.04 Lon 177.63W 0.07
Dep 25.2 2.1 Half-duration 1.5
Principal Axes:
Scale 10**17 Nm
T Val= 2.91 Plg=58 Azm=319
N 0.20 6 58
P -3.11 31 152
Best Double Couple:Mo=3.0*10**17
NP1:Strike=260 Dip=15 Slip= 113
NP2: 57 76 84

13 00 16 49.01 16.288N 98.638W 20km
5.7mb (72 obs.) 5.3Msz (28 obs.)
NEAR COAST OF GUERRERO, MEXICO
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=115 Dip=80 Slip= 90
NP2: 295 10 90
Principal Axes:
T Plg=55 Azm= 25
P 35 205
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
RADIATED ENERGY
No. of sta: 9 Focal mech. F
Energy 2.3±0.7*10**12 Nm
MOMENT TENSOR SOLUTION
Dep 3 No. of sta: 6
Principal Axes:
Scale 10**18 Nm
T Val= 1.22 Plg=65 Azm= 37
N 0.03 7 292
P -1.26 24 199
Best Double Couple:Mo=1.2*10**18
NP1:Strike=274 Dip=22 Slip= 71
NP2: 115 70 97
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 24S, 39C
Centroid Location:
Origin Time 00:16:53.8 0.9
Lat 16.28N FIX;Lon 98.61W FIX
Dep 16.9 4.8 Half-duration 1.8
Principal Axes:
Scale 10**17 Nm
T Val= 3.85 Plg=59 Azm= 26
N 0.51 6 285
P -4.36 30 191
Best Double Couple:Mo=4.1*10**17
NP1:Strike=262 Dip=16 Slip= 66
NP2: 106 75 97

13 01 18 04.18 51.934N 158.647E 34km
6.5mb (189 obs.) 7.0Msz (59 obs.)
NEAR EAST COAST OF KAMCHATKA
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 25 Dip=60 Slip= 90
NP2: 205 30 90
Principal Axes:
T Plg=75 Azm=295
P 15 115
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
RADIATED ENERGY
No. of sta: 30 Focal mech. F
Energy 9.8±1.3*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 44 No. of sta: 34
Principal Axes:
Scale 10**19 Nm
T Val= 3.54 Plg=78 Azm=254
N 0.50 7 22
P -4.04 10 113
Best Double Couple:Mo=3.8*10**19
NP1:Strike=212 Dip=36 Slip= 103
NP2: 16 55 81
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 49S, **C M.W.: 46S, **C
Centroid Location:
Origin Time 01:18:16.3 0.1
Lat 52.00N 0.01 Lon 159.27E 0.01
Dep 54.2 0.3 Half-duration 8.1

Principal Axes:
Scale 10**19 Nm
T Val= 4.05 Plg=76 Azm=316
N -0.02 4 212
P -4.02 14 121
Best Double Couple:Mo=4.0*10**19
NP1:Strike=206 Dip=31 Slip= 83
NP2: 34 59 94

14 01 59 20.24 22.572S 68.571W 112km
5.8mb (86 obs.)
NORTHERN CHILE
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 12 Dip=75 Slip=-100
NP2: 226 18 -57
Principal Axes:
T Plg=29 Azm=110
P 59 268
Comment: The focal mechanism is poorly controlled and corresponds to normal faulting with a small right-lateral strike-slip component. The preferred fault plane is NP1.

RADIATED ENERGY
No. of sta: 13 Focal mech. F
Energy 1.6±0.3*10**12 Nm
MOMENT TENSOR SOLUTION
Dep 117 No. of sta: 20
Principal Axes:
Scale 10**17 Nm
T Val= 6.22 Plg=33 Azm=114
N 0.10 17 13
P -6.32 52 260
Best Double Couple:Mo=6.3*10**17
NP1:Strike=249 Dip=20 Slip= -32
NP2: 10 80 -107
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 49S, **C
Centroid Location:
Origin Time 01:59:26.8 0.1
Lat 22.63S 0.01 Lon 68.74W 0.02
Dep 117.1 1.1 Half-duration 2.0
Principal Axes:
Scale 10**17 Nm
T Val= 5.98 Plg=31 Azm= 85
N -0.27 6 178
P -5.71 58 279
Best Double Couple:Mo=5.8*10**17
NP1:Strike=155 Dip=15 Slip=-115
NP2: 0 76 -84

16 15 52 48.52 30.798N 67.219E 27km
5.4mb (125 obs.) 5.6Msz (47 obs.)
PAKISTAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 39S, 71C
Centroid Location:
Origin Time 15:52:47.3 0.6
Lat 30.54N 0.04 Lon 66.88E 0.04
Dep 33.0 FIX Half-duration 1.5
Principal Axes:
Scale 10**17 Nm
T Val= 3.07 Plg= 9 Azm= 69
N 0.16 77 200
P -3.24 10 338
Best Double Couple:Mo=3.2*10**17
NP1:Strike=114 Dip=77 Slip=-179
NP2: 24 89 -13

17 00 19 39.91 52.630N 168.068W 33km
5.4mb (104 obs.) 4.6Msz (27 obs.)
FOX ISLANDS, ALEUTIAN ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 17S, 24C
Centroid Location:
Origin Time 00:19:37.1 1.2
Lat 52.11N 0.09 Lon 168.19W 0.14
Dep 42.0 5.7 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 6.66 Plg=58 Azm=301
N 0.55 16 59
P -7.22 26 157
Best Double Couple:Mo=6.9*10**16
NP1:Strike=280 Dip=23 Slip= 134
NP2: 54 73 73

5.6mb (91 obs.)
MINAHASSA PENINSULA, SULAWESI
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 32S, 52C
Centroid Location:
Origin Time 02:42:35.6 0.5
Lat 1.85N 0.04 Lon 124.34E 0.04
Dep 242.4 1.9 Half-duration 1.3
Principal Axes:
Scale 10**17 Nm
T Val= 1.59 Plg=25 Azm= 96
N 0.17 10 2
P -1.76 63 251
Best Double Couple:Mo=1.7*10**17
NP1:Strike=208 Dip=22 Slip= -62
NP2: 358 70 -101

17 11 18 51.62 51.816N 158.659E 33km
6.1mb (189 obs.) 5.6Msz (60 obs.)
NEAR EAST COAST OF KAMCHATKA
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 65 Dip=60 Slip= 90
NP2: 245 30 90
Principal Axes:
T Plg=75 Azm=335
P 15 155
Comment: The focal mechanism is poorly controlled and corresponds to normal faulting. The preferred fault plane is NP2.

RADIATED ENERGY
No. of sta: 31 Focal mech. F
Energy 5.3±0.6*10**12 Nm
MOMENT TENSOR SOLUTION
Dep 33 No. of sta: 38
Principal Axes:
Scale 10**18 Nm
T Val= 1.30 Plg=82 Azm=340
N -0.16 2 235
P -1.14 8 145
Best Double Couple:Mo=1.2*10**18
NP1:Strike=232 Dip=37 Slip= 87
NP2: 57 53 93
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 50S, **C
Centroid Location:
Origin Time 11:18:57.6 0.1
Lat 51.72N 0.01 Lon 159.27E 0.02
Dep 40.0 BDY Half-duration 2.4
Principal Axes:
Scale 10**18 Nm
T Val= 1.13 Plg=76 Azm=357
N 0.07 10 222
P -1.20 10 130
Best Double Couple:Mo=1.2*10**18
NP1:Strike=208 Dip=36 Slip= 73
NP2: 49 56 102

19 01 43 23.78 54.287N 164.164W 30km
6.1mb (182 obs.) 6.4Msz (73 obs.)
UNIMAK ISLAND REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: **S, **C M.W.: 84S, **C
Centroid Location:
Origin Time 01:43:27.3 0.1
Lat 54.33N 0.01 Lon 164.04W 0.01
Dep 18.0 BDY Half-duration 4.2
Principal Axes:
Scale 10**18 Nm
T Val= 5.74 Plg=12 Azm= 66
N -0.04 40 326
P -5.70 48 170
Best Double Couple:Mo=5.7*10**18
NP1:Strike=195 Dip=48 Slip= -30
NP2: 306 68 -134

19 09 05 39.31 7.317N 34.703W 10km
5.7mb (130 obs.) 5.6Msz (50 obs.)
CENTRAL MID-ATLANTIC RIDGE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 52S, **C
Centroid Location:
Origin Time 09:05:43.3 0.1
Lat 7.43N 0.01 Lon 34.85W 0.01
Dep 15.0 FIX Half-duration 1.9
Principal Axes:
Scale 10**17 Nm
T Val= 5.36 Plg= 0 Azm=222

N -0.14 90 180
P -5.22 0 132
Best Double Couple:Mo=5.3*10**17
NP1:Strike=267 Dip=90 Slip=-180
NP2: 357 90 0

20 11 54 02.27 54.306N 164.190W 33km
5.2mb (97 obs.) 4.9Msz (13 obs.)
UNIMAK ISLAND REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 22S, 31C
Centroid Location:
Origin Time 11:54: 4.8 0.4
Lat 54.53N 0.10 Lon 164.03W 0.05
Dep 15.0 FIX Half-duration 1.4
Principal Axes:
Scale 10**16 Nm
T Val= 7.28 Plg= 0 Azm=255
N -0.23 0 165
P -7.05 90 180
Best Double Couple:Mo=7.2*10**16
NP1:Strike=345 Dip=45 Slip= -90
NP2: 165 45 -90

20 19 24 53.86 60.025N 153.003W 116km
5.6mb (186 obs.)
SOUTHERN ALASKA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 45S, 94C
Centroid Location:
Origin Time 19:24:54.9 0.1
Lat 59.84N 0.01 Lon 152.69W 0.03
Dep 133.5 0.7 Half-duration 2.3
Principal Axes:
Scale 10**17 Nm
T Val= 9.33 Plg=42 Azm=280
N -0.83 48 113
P -8.50 6 16
Best Double Couple:Mo=8.9*10**17
NP1:Strike= 67 Dip=57 Slip= 28
NP2: 321 67 143

21 00 16 00.67 35.959S 102.893W 10km
5.2mb (26 obs.) 4.8Msz (18 obs.)
SOUTHERN PACIFIC OCEAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 26S, 43C
Centroid Location:
Origin Time 00:16: 5.9 0.3
Lat 36.21S 0.03 Lon 102.65W 0.04
Dep 15.0 FIX Half-duration 1.2
Principal Axes:
Scale 10**17 Nm
T Val= 1.52 Plg=17 Azm= 56
N 0.00 68 196
P -1.52 13 322
Best Double Couple:Mo=1.5*10**17
NP1:Strike= 99 Dip=68 Slip= 177
NP2: 190 87 22

22 03 00 55.82 5.877N 126.229E 38km
5.7mb (104 obs.) 5.1Msz (43 obs.)
MINDANAO, PHILIPPINE ISLANDS
RADIATED ENERGY
No. of sta: 4 Focal mech. M
Energy 4.7±1.5*10**12 Nm
MOMENT TENSOR SOLUTION
Dep 44 No. of sta: 7
Principal Axes:
Scale 10**17 Nm
T Val= 7.84 Plg=58 Azm=133
N -0.17 29 341
P -7.67 12 244
Best Double Couple:Mo=7.8*10**17
NP1:Strike=301 Dip=42 Slip= 42
NP2: 177 63 123
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 42S, 76C
Centroid Location:
Origin Time 03:00:59.0 0.2
Lat 6.13N 0.02 Lon 126.31E 0.02
Dep 50.1 2.1 Half-duration 1.7
Principal Axes:
Scale 10**17 Nm
T Val= 3.92 Plg=76 Azm=123
N -0.48 4 16
P -3.44 13 286
Best Double Couple:Mo=3.7*10**17
NP1:Strike= 10 Dip=32 Slip= 82

NP2: 199 58 95

22 22 43 26.41 11.743N 86.135W 108km
5.2mb (96 obs.)
NEAR COAST OF NICARAGUA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 49S, **C
Centroid Location:
Origin Time 22:43:30.7 0.1
Lat 11.60N 0.01 Lon 86.48W 0.02
Dep 106.4 0.9 Half-duration 2.3
Principal Axes:
Scale 10**17 Nm
T Val= 9.99 Plg=44 Azm= 54
N -1.75 19 304
P -8.25 40 198
Best Double Couple:Mo=9.1*10**17
NP1:Strike=221 Dip=19 Slip= 6
NP2: 125 88 109

23 15 02 13.02 6.430N 125.827E 161km
5.1mb (35 obs.)
MINDANAO, PHILIPPINE ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 19S, 24C
Centroid Location:
Origin Time 15:02:15.9 0.6
Lat 6.62N 0.06 Lon 126.01E 0.07
Dep 151.8 1.5 Half-duration 1.3
Principal Axes:
Scale 10**17 Nm
T Val= 1.78 Plg=47 Azm=241
N -0.43 42 44
P -1.35 9 142
Best Double Couple:Mo=1.6*10**17
NP1:Strike=269 Dip=52 Slip= 149
NP2: 20 66 43

23 20 07 38.40 41.302N 142.697E 38km
5.2mb (110 obs.) 5.1Msz (45 obs.)
HOKKAIDO, JAPAN REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 22S, 38C
Centroid Location:
Origin Time 20:07:40.3 0.3
Lat 41.35N 0.04 Lon 142.97E 0.06
Dep 32.6 4.0 Half-duration 1.1
Principal Axes:
Scale 10**16 Nm
T Val= 10.27 Plg=71 Azm=210
N -0.24 10 91
P -10.03 16 358
Best Double Couple:Mo=1.0*10**17
NP1:Strike= 74 Dip=30 Slip= 71
NP2: 276 62 101

24 02 40 17.38 2.376S 141.167E 34km
5.3mb (48 obs.) 4.7Msz (13 obs.)
NEAR N COAST OF NEW GUINEA, PNG.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 17S, 22C
Centroid Location:
Origin Time 02:40:21.9 0.9
Lat 2.27S 0.08 Lon 141.49E 0.11
Dep 15.0 FIX Half-duration 1.1
Principal Axes:
Scale 10**17 Nm
T Val= 1.34 Plg=29 Azm= 0
N -0.25 6 93
P -1.09 60 193
Best Double Couple:Mo=1.2*10**17
NP1:Strike= 74 Dip=17 Slip=-110
NP2: 275 74 -84

24 11 27 20.27 21.412S 174.270W 33km
5.3mb (41 obs.) 5.2Msz (6 obs.)
TONGA ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 29S, 55C
Centroid Location:
Origin Time 11:27:24.5 0.9
Lat 21.31S 0.06 Lon 173.73W 0.06
Dep 21.7 2.0 Half-duration 1.1
Principal Axes:
Scale 10**17 Nm
T Val= 1.28 Plg=77 Azm=299
N 0.29 1 203
P -1.57 13 113

Best Double Couple:Mo=1.4*10**17
NP1:Strike=201 Dip=32 Slip= 88
NP2: 24 58 92

25 08 31 14.82 22.035S 170.094E 32km
5.6mb (59 obs.) 5.6Msz (48 obs.)
LOYALTY ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 45S, **C
Centroid Location:
Origin Time 08:31:19.4 0.2
Lat 21.96S 0.02 Lon 169.97E 0.02
Dep 18.9 1.3 Half-duration 2.5
Principal Axes:
Scale 10**18 Nm
T Val= 1.35 Plg= 8 Azm=138
N -0.24 71 25
P -1.11 18 230
Best Double Couple:Mo=1.2*10**18
NP1:Strike=273 Dip=72 Slip= -7
NP2: 5 83 -162

25 20 24 00.73 0.963S 13.264W 10km
5.7mb (141 obs.) 5.5Msz (48 obs.)
NORTH OF ASCENSION ISLAND
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 75 Dip=90 Slip= -6
NP2: 165 84 -180
Principal Axes:
T Plg= 4 Azm=120
P 4 30
Comment: The focal mechanism is moderately well controlled and corresponds to strike-slip faulting. The preferred fault plane is NP1.
RADIATED ENERGY
No. of sta: 5 Focal mech. F
Energy 6.4±2.3*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 13 No. of sta: 8
Principal Axes:
Scale 10**17 Nm
T Val= 3.34 Plg= 3 Azm=201
N 0.06 75 302
P -3.40 15 110
Best Double Couple:Mo=3.4*10**17
NP1:Strike=246 Dip=77 Slip=-172
NP2: 155 82 -13
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 37S, 75C
Centroid Location:
Origin Time 20:24: 5.5 0.2
Lat 0.41S 0.02 Lon 13.31W 0.02
Dep 15.0 FIX Half-duration 1.7
Principal Axes:
Scale 10**17 Nm
T Val= 4.20 Plg= 9 Azm=209
N -0.34 72 328
P -3.87 16 116
Best Double Couple:Mo=4.0*10**17
NP1:Strike=253 Dip=72 Slip=-175
NP2: 162 86 -18

26 23 20 04.17 9.597S 158.148E 17km
5.9mb (84 obs.) 6.2Msz (55 obs.)
SOLOMON ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=180 Dip=85 Slip= 8
NP2: 89 82 175
Principal Axes:
T Plg= 9 Azm= 45
P 2 314
Comment: The focal mechanism is moderately well controlled and corresponds to strike-slip faulting with a small normal component. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 10 Focal mech. F
Energy 1.4±0.4*10**14 Nm
MOMENT TENSOR SOLUTION
Dep 18 No. of sta: 14
Principal Axes:
Scale 10**18 Nm
T Val= 1.57 Plg=19 Azm=311
N 0.68 66 171
P -2.25 14 46
Best Double Couple:Mo=1.9*10**18

NP1:Strike= 90 Dip=66 Slip= 3
NP2: 358 87 156
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 49S, **C M.W.: 38S, 62C
Centroid Location:
Origin Time 23:20: 9.8 0.1
Lat 9.43S 0.01 Lon 158.28E 0.01
Dep 15.0 FIX Half-duration 3.6
Principal Axes:
Scale 10**18 Nm
T Val= 2.50 Plg=10 Azm=128
N -0.19 75 261
P -2.31 11 36
Best Double Couple:Mo=2.4*10**18
NP1:Strike=173 Dip=75 Slip=-180
NP2: 82 90 -15

27 06 11 22.68 38.625N 141.164E 104km
5.9mb (203 obs.)
NEAR EAST COAST OF HONSHU, JAPAN
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=193 Dip=55 Slip= -65
NP2: 334 42 -121
Principal Axes:
T Plg= 7 Azm=265
P 69 158
Comment: The focal mechanism is moderately well controlled and corresponds to normal faulting with a moderate left-lateral strike-slip component. The preferred fault plane is NP1.
RADIATED ENERGY
No. of sta: 10 Focal mech. F
Energy 2.8±0.7*10**12 Nm
MOMENT TENSOR SOLUTION
Dep 103 No. of sta: 16
Principal Axes:
Scale 10**17 Nm
T Val= 5.98 Plg=12 Azm=287
N -0.02 0 17
P -5.96 78 109
Best Double Couple:Mo=6.0*10**17
NP1:Strike= 17 Dip=33 Slip= -91
NP2: 197 57 -90
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 42S, 87C M.W.: 1S, 1C
Centroid Location:
Origin Time 06:11:24.5 0.2
Lat 38.52N 0.02 Lon 141.30E 0.01
Dep 110.7 0.8 Half-duration 3.0
Principal Axes:
Scale 10**17 Nm
T Val= 5.22 Plg= 6 Azm=269
N -0.02 13 1
P -5.20 76 154
Best Double Couple:Mo=5.2*10**17
NP1:Strike=345 Dip=40 Slip=-110
NP2: 191 52 -74

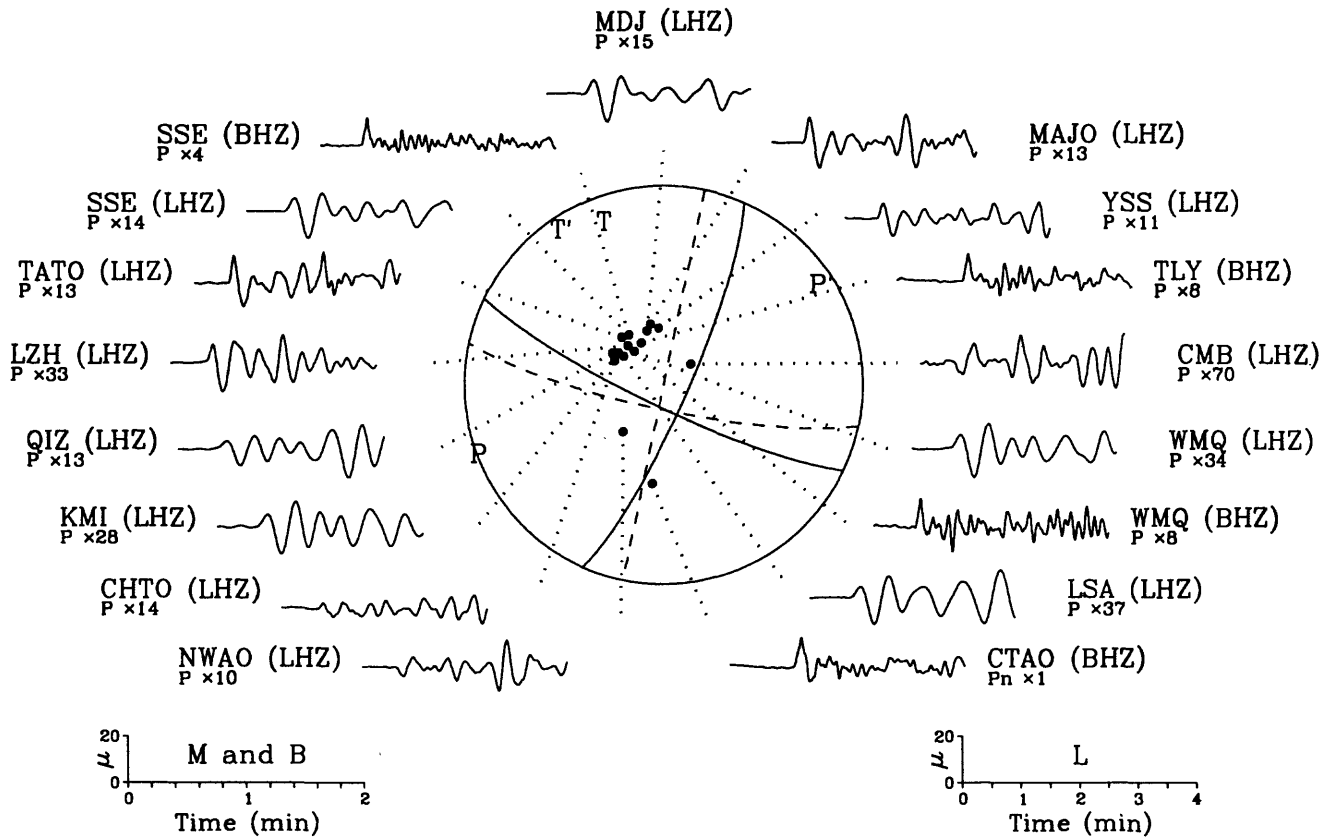
28 10 50 27.15 5.599S 110.267E 569km
5.6mb (95 obs.)
JAVA SEA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 32S, 49C
Centroid Location:
Origin Time 10:50:32.7 0.4
Lat 5.50S 0.03 Lon 110.27E 0.04
Dep 573.2 1.9 Half-duration 2.1
Principal Axes:
Scale 10**17 Nm
T Val= 2.34 Plg= 0 Azm=204
N 0.00 25 114
P -2.34 65 295
Best Double Couple:Mo=2.3*10**17
NP1:Strike=317 Dip=50 Slip= -56
NP2: 91 51 -124

29 06 35 24.46 20.783S 174.092W 33km
5.3mb (45 obs.) 5.0Msz (6 obs.)
TONGA ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 28S, 43C
Centroid Location:
Origin Time 06:35:26.6 0.6
Lat 21.10S 0.07 Lon 173.57W 0.05
Dep 21.3 2.5 Half-duration 1.5
Principal Axes:

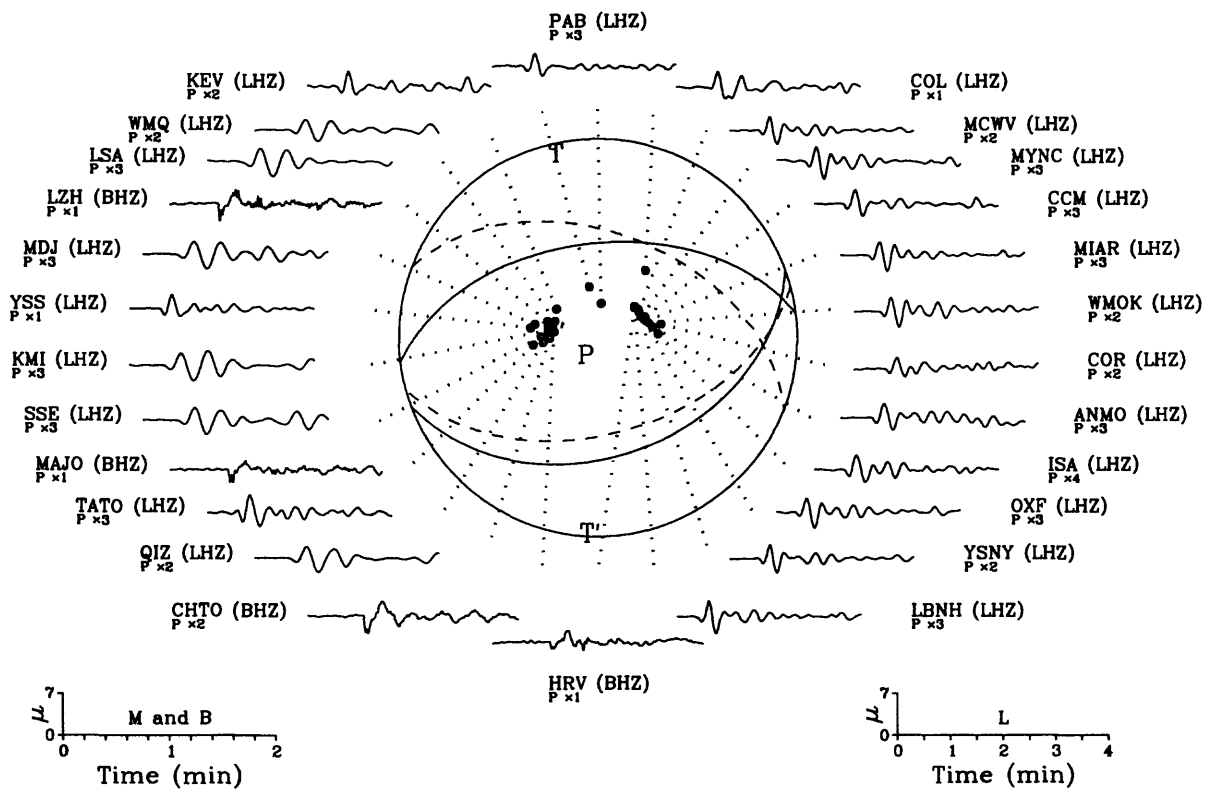
Scale 10**16 Nm	5.2mb (14 obs.) 5.5Msz (7 obs.)	Principal Axes:
T Val= 10.08 Plg=72 Azm=312	SOUTHWESTERN ATLANTIC OCEAN	Scale 10**17 Nm
N 0.75 5 204	CENTROID, MOMENT TENSOR (HRV)	T Val= 2.66 Plg=14 Azm= 83
P -10.83 17 112	Data Used: GDSN	N 0.27 73 297
Best Double Couple:Mo=1.0*10**17	L.P.B.: 40S, 74C	P -2.93 9 175
NP1:Strike=194 Dip=29 Slip= 79	Centroid Location:	Best Double Couple:Mo=2.8*10**17
NP2: 27 62 96	Origin Time 04:59:27.2 0.2	NP1:Strike=219 Dip=74 Slip= 4
	Lat 59.42S 0.02 Lon 17.12W 0.03	NP2: 128 87 164
	Dep 15.0 FIX Half-duration 1.9	
29 20 28 43.93 10.294N 126.477E 38km	Principal Axes:	30 20 44 13.14 16.995S 177.048W 411km
5.5mb (83 obs.) 5.6Msz (52 obs.)	Scale 10**17 Nm	5.2mb (47 obs.)
PHILIPPINE ISLANDS REGION	T Val= 7.12 Plg= 0 Azm=128	FIJI ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)	N -0.54 90 180	CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN	P -6.58 0 38	Data Used: GDSN
L.P.B.: 40S, 82C	Best Double Couple:Mo=6.8*10**17	L.P.B.: 11S, 14C
Centroid Location:	NP1:Strike=173 Dip=90 Slip=-180	Centroid Location:
Origin Time 20:28:47.2 0.2	NP2: 263 90 0	Origin Time 20:44:17.0 1.0
Lat 10.37N 0.02 Lon 126.61E 0.03		Lat 16.86S 0.17 Lon 176.74W 0.08
Dep 15.1 1.3 Half-duration 2.3		Dep 417.5 4.5 Half-duration 1.5
Principal Axes:	30 20 37 12.80 39.263N 75.533E 18km	Principal Axes:
Scale 10**17 Nm	5.2mb (105 obs.) 5.6Msz (39 obs.)	Scale 10**17 Nm
T Val= 6.21 Plg=63 Azm=261	SOUTHERN XINJIANG, CHINA	T Val= 3.48 Plg=54 Azm=135
N 0.11 1 354	CENTROID, MOMENT TENSOR (HRV)	N -1.01 5 38
P -6.32 27 85	Data Used: GDSN	P -2.48 36 304
Best Double Couple:Mo=6.3*10**17	L.P.B.: 27S, 42C	Best Double Couple:Mo=3.0*10**17
NP1:Strike=178 Dip=18 Slip= 94	Centroid Location:	NP1:Strike= 10 Dip=11 Slip= 62
NP2: 354 72 89	Origin Time 20:37:26.6 0.8	NP2: 219 81 95
	Lat 39.73N 0.06 Lon 76.50E 0.06	
30 04 59 26.11 59.047S 18.158W 33km	Dep 19.0 FIX Half-duration 2.1	

Compiled by Pingsheng Chang, Willis S. Jacobs, Stuart K. Koyanagi, Christina K. Lavonne, John H. Minsch, Russell E. Needham, Waverly J. Person, Bruce W. Presgrave and William H. Schmieder.

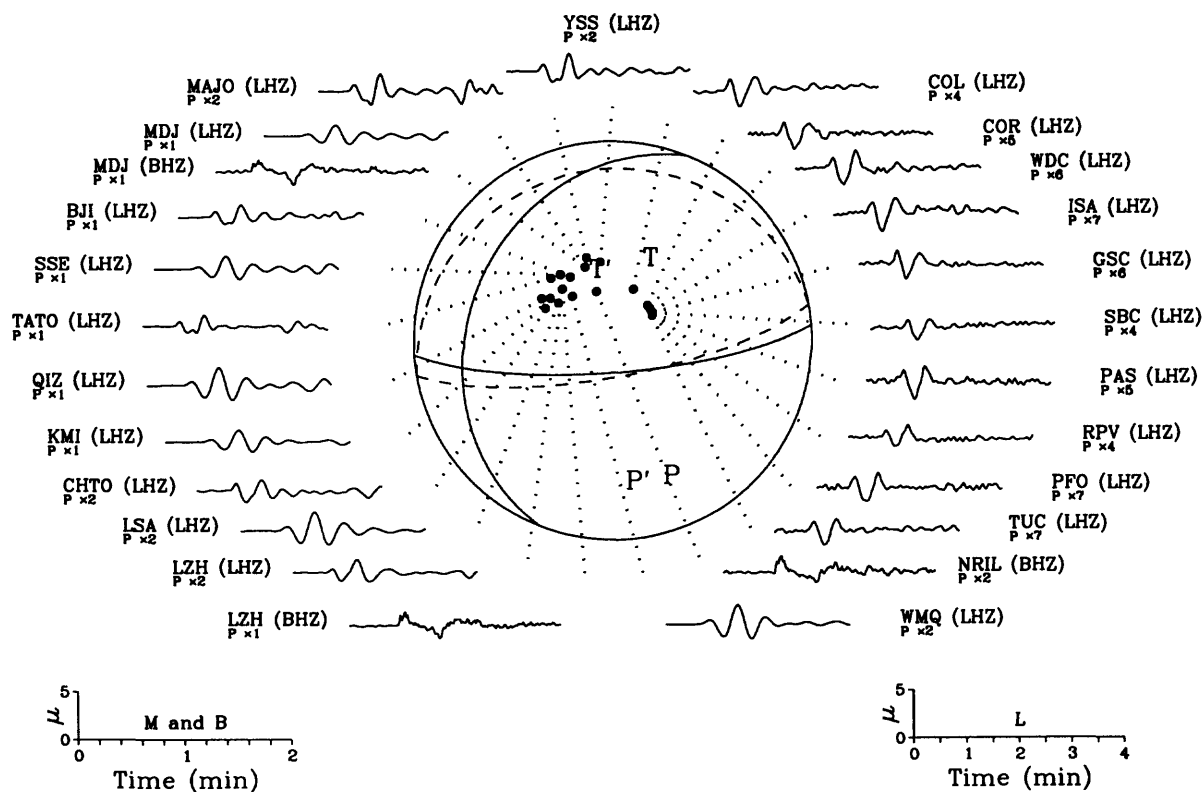
05 November 1993 22:37:20.18
Bismarck Sea



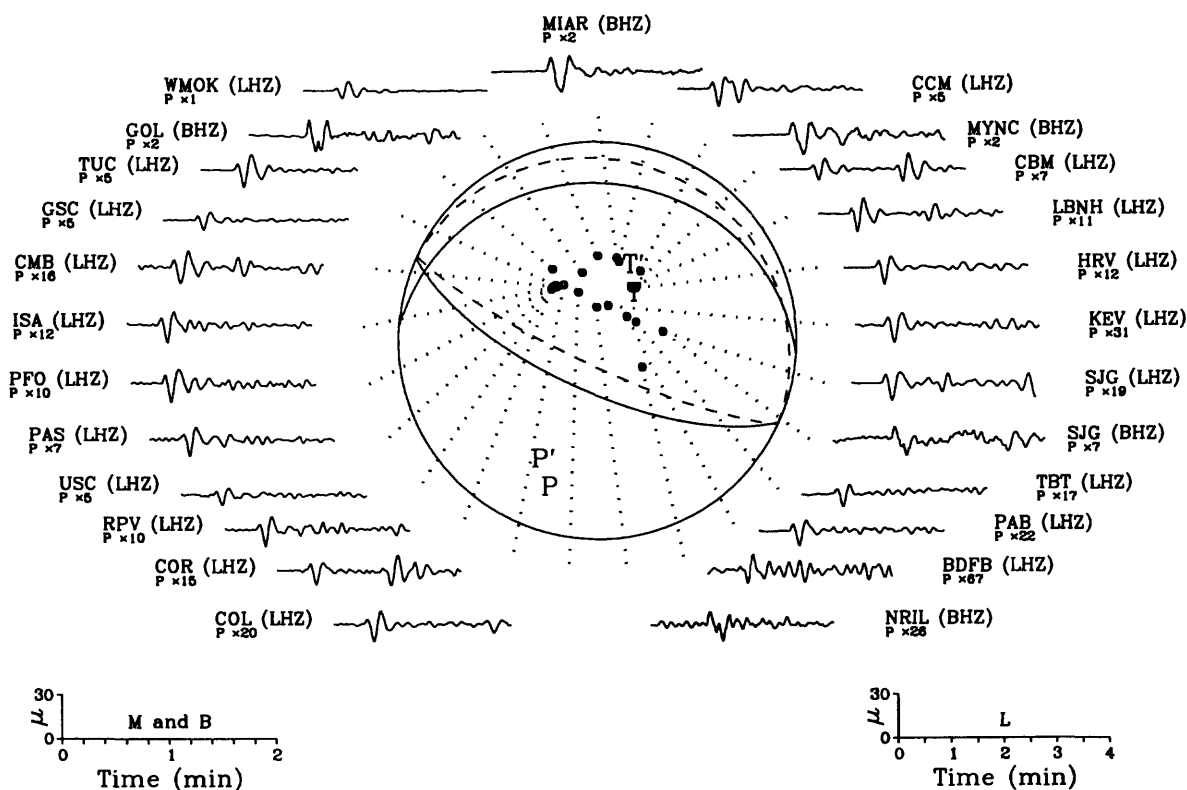
11 November 1993 00:28:33.54
Andreanof Islands, Aleutian Is.



11 November 1993 10:13:55.32
New Ireland Region, P.N.G.

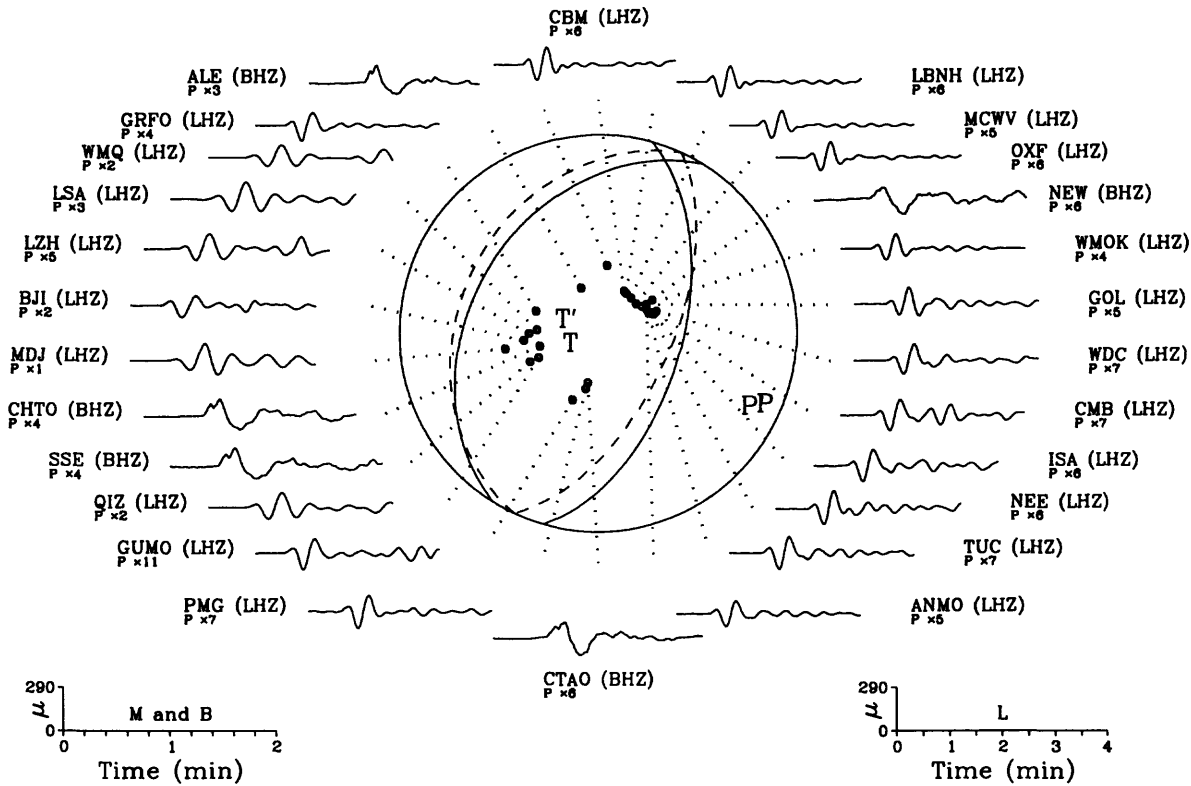


13 November 1993 00:16:49.01
Near Coast of Guerrero, Mexico



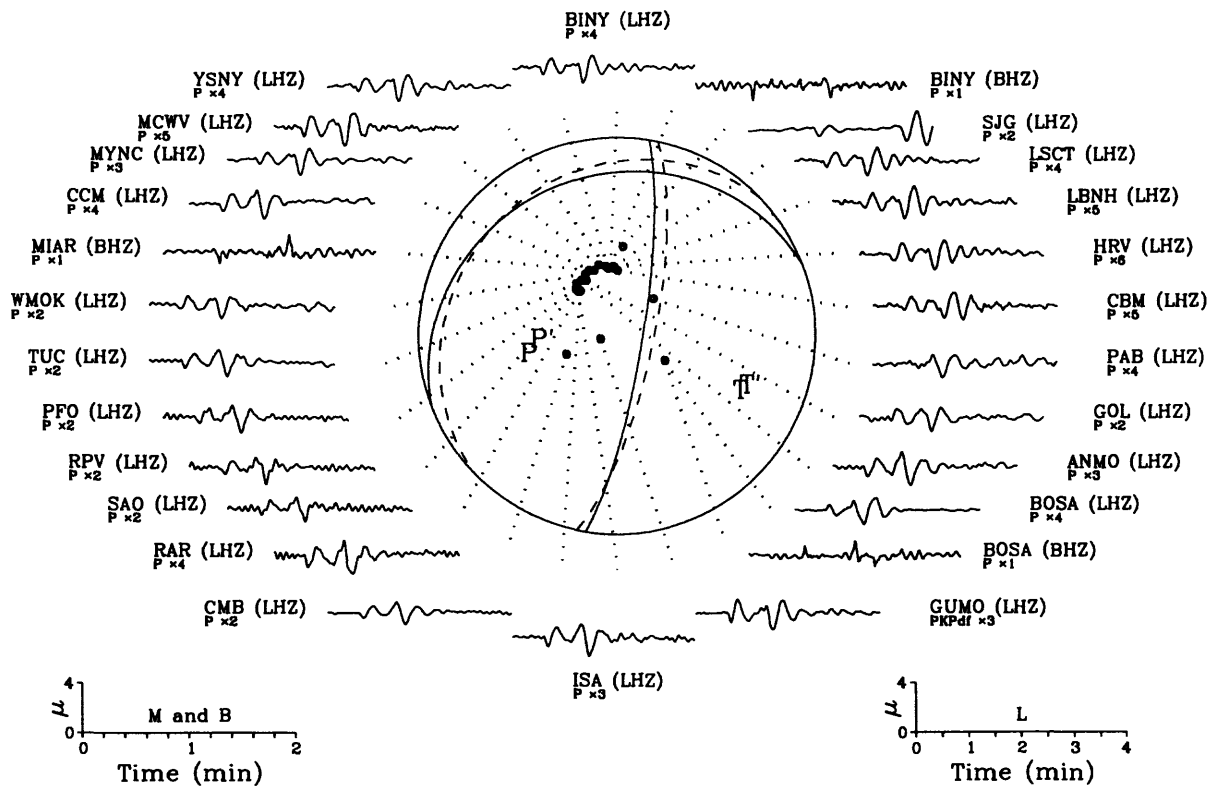
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Near East Coast of Kamchatka

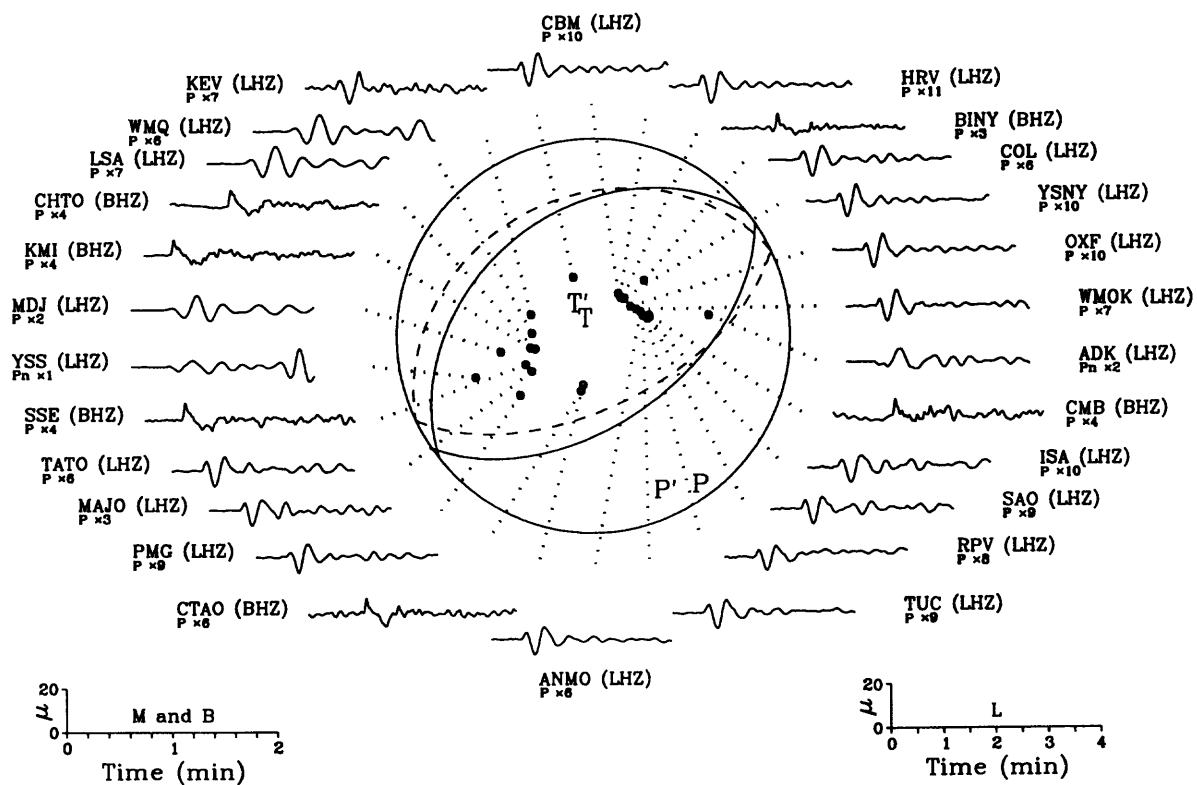


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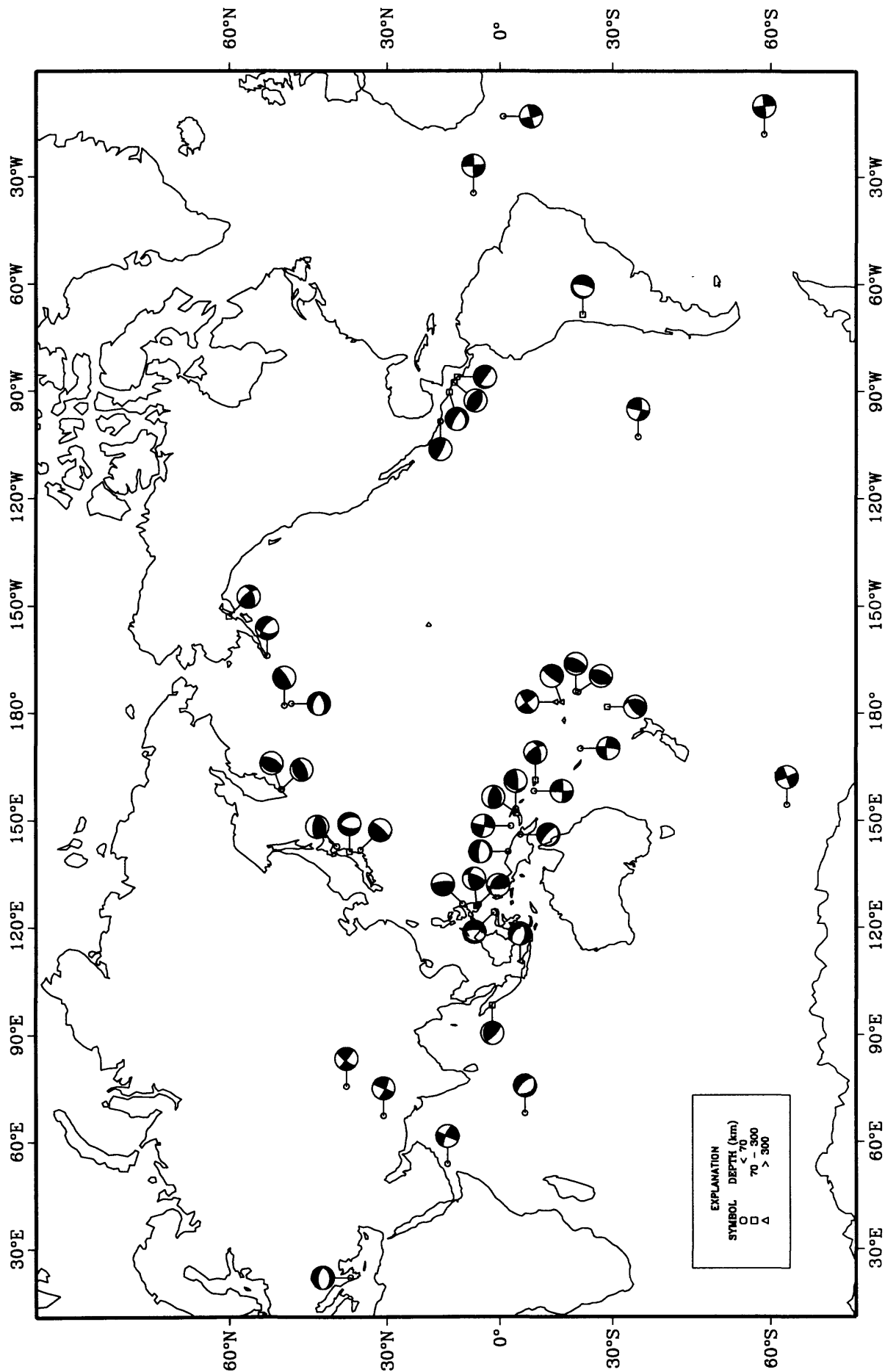
Northern Chile

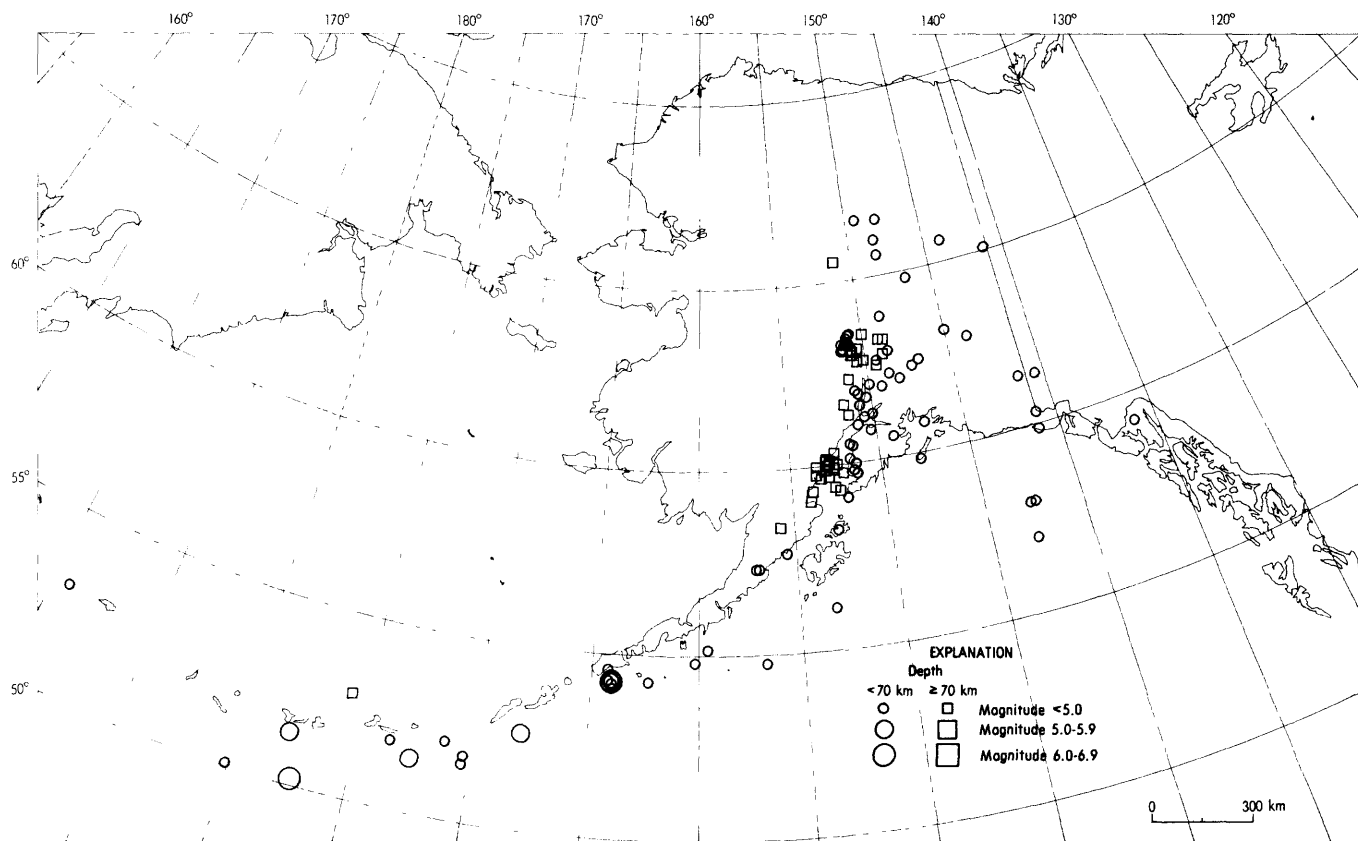


17 November 1993 11:18:51.62
Near East Coast of Kamchatka

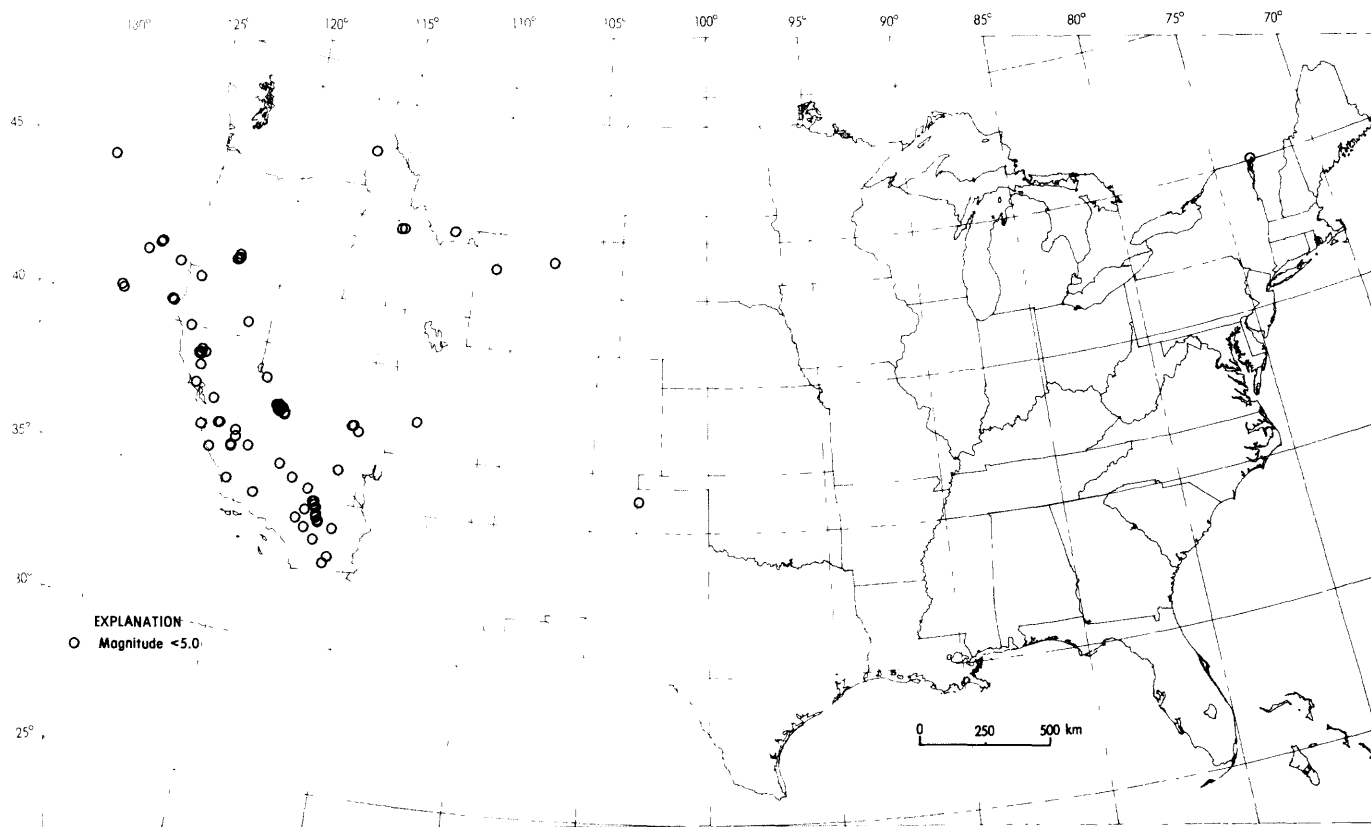


Earthquake Focal Mechanisms for November 1993

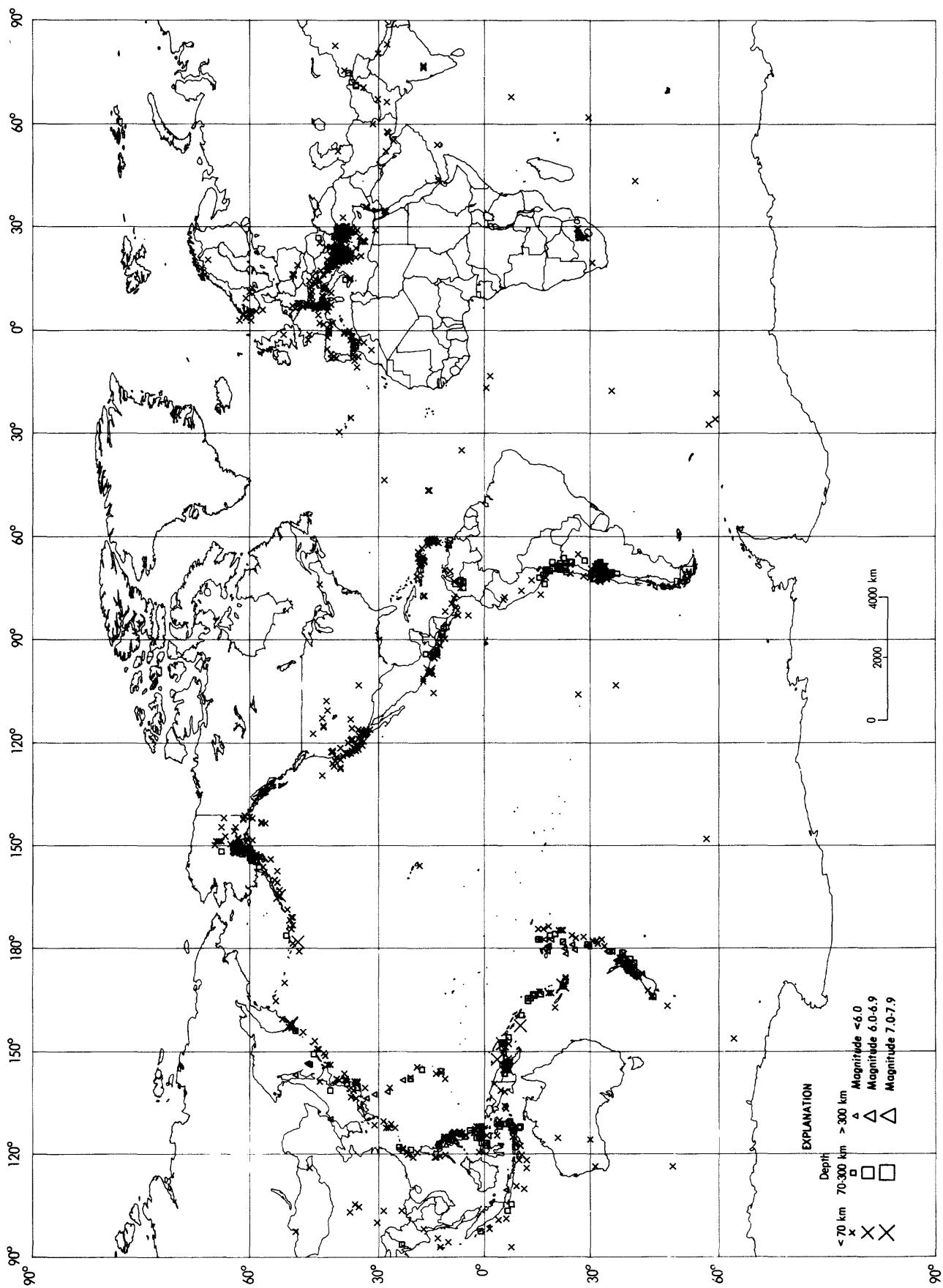




Earthquake epicenters in Alaska and adjacent regions for November, 1993.



Earthquake epicenters in the conterminous United States and adjacent regions for November, 1993.



Earthquakes located in November, 1993.



PRELIMINARY DETERMINATION OF EPICENTERS

MONTHLY LISTING

U.S. DEPARTMENT OF THE INTERIOR / GEOLOGICAL SURVEY National Earthquake Information Center

DECEMBER 1993

K E Y	DAY	ORIGIN TIME			GEOGRAPHIC COORDINATES		DEPTH	MAGNITUDES			SD	NO. STA USED	REGION, CONTRIBUTED MAGNITUDES AND COMMENTS
		UTC	HR	MN	SEC	LAT	LONG	GS	MB	MsZ			
a	01	00 59 01.2	57.475	S	25.685	W	33 N	5.5	5.3	0.9	173	5	SOUTH SANDWICH ISLANDS REGION. Mw 5.7 (HRV).
	01	01 51 06.5	2.544	S	139.828	E	33 N	5.2	4.8	1.2	45	11	NEAR NORTH COAST OF IRIAN JAYA
	01	02 31 12.3&	49.056	N	122.208	W	0						BRITISH COLUMBIA, CANADA. <PGC-P>. ML 2.1 (PGC). Felt (III) at Abbotsford, Chilliwack, Matsqui and Mission.
	01	02 55 37.7?	18.33	N	101.76	W	33 N			1.3	7	8	GUERRERO, MEXICO
	01	03 10 44.7*	51.578	N	16.176	E	5 G			0.7	8	20	POLAND. ML 3.2 (VIE), 2.8 (CLL).
	01	03 34 35.6?	14.25	N	92.92	W	53 *	4.3		1.3	20	15	NEAR COAST OF CHIAPAS, MEXICO
	01	03 54 42.2*	4.276	S	127.594	E	254 ?	4.8		1.1	15	8	BANDA SEA
	01	06 10 11.7*	37.759	N	22.165	E	10 G			1.5	8	49	SOUTHERN GREECE. ML 3.4 (ATH).
	01	06 10 53.6*	10.568	N	62.559	W	33 N			1.0	8	11	NEAR COAST OF VENEZUELA. MD 3.2 (TRN).
	01	06 39 09.8&	63.079	N	151.368	W	1				49		CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC), 3.1 (PMR).
	01	07 41 02.7&	37.453	N	118.360	W	9				11		CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM).
	01	07 53 45.3&	60.089	N	152.906	W	107	2.9			81		SOUTHERN ALASKA. <AEIC>.
a	01	08 21 54.3	6.276	S	127.988	E	361 *	4.9		1.2	61	5	BANDA SEA. Mw 5.4 (HRV).
	01	08 58 25.4&	40.488	N	27.676	E	10 G			0.2	5	18	TURKEY. ML 2.9 (ISK).
	01	09 25 56.4	39.162	N	75.749	E	10 G	4.3	4.4	1.2	18	51	SOUTHERN XINJIANG, CHINA
	01	09 34 20.7	44.783	N	129.869	W	10 G	4.1		0.9	51	4	OFF COAST OF OREGON
	01	09 55 16.6?	10.20	N	61.40	W	60 G			1.1	4	5	TRINIDAD. MD 2.4 (TRN).
	01	09 56 58.0&	44.470	N	7.273	E	10 G			0.1	5	10	NORTHERN ITALY. ML 1.8 (GEN).
	01	09 59 56.2&	44.362	N	7.386	E	10 G			0.8	10	23	NORTHERN ITALY. ML 2.4 (GEN).
	01	10 02 20.9*	44.815	N	129.749	W	10 G	3.2		0.8	23	6	OFF COAST OF OREGON
	01	10 10 14.8	46.353	N	12.762	E	10 G			0.4	6	23	NORTHERN ITALY. ML 2.7 (LJU), 2.0 (VIE). MD 2.1 (TRI).
	01	10 24 01.2	42.323	S	174.175	E	34 *	3.4		0.7	23	6	OFF E. COAST OF S. ISLAND, N.Z. ML 3.8 (WEL).
	01	12 13 00.2&	41.086	N	29.553	E	10 G			0.2	6	7	TURKEY. ML 2.7 (ISK).
	01	12 46 12.7?	15.45	N	98.89	W	33 N			1.4	7	4	OFF COAST OF GUERRERO, MEXICO
	01	12 47 15.0&	47.530	N	70.060	W	8				4		SOUTHERN QUEBEC, CANADA. <OTT-P>. mbLg 3.5 (OTT). Felt at Baie-St.-Paul, La Pocatiere, Pointe-au-Pic and Riviere-Ouelle.
	01	13 23 56.4	23.205	S	70.890	W	33 N	5.3	5.0	1.4	58	1.1	NEAR COAST OF NORTHERN CHILE
a	01	13 42 15.6	17.497	S	168.189	E	76 D	5.1		1.1	76	1.4	VANUATU ISLANDS. Mw 5.3 (HRV).
	01	14 54 51.9*	45.017	N	93.770	E	33 N	4.7		1.4	42	6	MONGOLIA. ML 4.6 (BJI).
	01	15 10 23.5&	40.479	N	22.843	E	10 G			0.2	6	9	GREECE
	01	15 26 53.4	43.058	N	18.755	E	10 G			0.4	9	6	NORTHWESTERN BALKAN REGION. ML 1.8 (TTG).
	01	15 29 08.6*	40.971	N	20.865	E	10 G			0.5	6	43	GREECE-ALBANIA BORDER REGION
	01	15 43 34.1&	59.509	N	152.779	W	86				43	13	SOUTHERN ALASKA. <AEIC>.
	01	15 43 34.6*	17.343	N	147.086	E	62 ?	4.4		0.8	13	79	MARIANA ISLANDS REGION
	01	15 55 07.6	10.312	N	126.550	E	52 *	5.1	4.9	1.3	79	48	PHILIPPINE ISLANDS REGION
	01	16 15 06.1&	61.841	N	149.917	W	39				48		SOUTHERN ALASKA. <AEIC>. ML 3.4 (AEIC), 3.4 (PMR). Felt (II) at Palmer.
	01	16 35 20.4&	37.517	N	118.635	W	13				39		CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.2 (GM).
	01	16 41 44.2	53.783	N	160.256	E	33 N	4.8		0.7	47	1.1	ML 3.3 (GS), 3.2 (BRK).
	01	17 24 27.2	12.131	N	86.416	W	126 D	4.7		1.1	79	18	NEAR EAST COAST OF KAMCHATKA
	01	17 32 57.2	41.157	N	20.172	E	15			0.9	18	8	NICARAGUA
	01	17 57 46.2&	40.518	N	22.755	E	10 G			0.1	8	46	ALBANIA. ML 2.8 (TTG).
	01	19 13 34.0	5.280	S	131.160	E	106 D	5.1		1.0	46	17	BANDA SEA
	01	19 44 54.6	2.367	N	125.506	E	33 N	4.9		1.0	17	12	TALAUD ISLANDS, INDONESIA
	01	21 06 15.1	44.737	N	6.852	E	10 G			0.8	12	24	FRANCE. ML 2.4 (GEN), 1.9 (LDG).
	01	21 29 51.4&	37.047	S	176.811	E	290 ?			0.6	24	75	NORTH ISLAND, NEW ZEALAND
	01	22 04 22.3	12.781	S	44.766	E	10 G	5.2	4.8	1.1	75	33	NORTHWEST OF MADAGASCAR
a	01	22 18 29.1*	1.494	N	66.765	E	10 G	5.1	4.9	1.2	33	9	CARLSBERG RIDGE. Mw 5.3 (HRV).
	01	23 38 08.8&	34.619	N	116.657	W	4				9	5	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	02	00 10 45.7&	44.726	N	6.700	E	10 G			0.5	5	65	FRANCE. ML 2.1 (GEN).
	02	00 14 03.4&	60.391	N	152.310	W	87	2.8			65	7	SOUTHERN ALASKA. <AEIC>.
	02	00 54 06.5*	15.790	N	96.169	W	62 ?	3.3		1.2	7	10	NEAR COAST OF OAXACA, MEXICO
	02	01 23 58.1	43.012	N	18.782	E	10 G			0.6	10	8	NORTHWESTERN BALKAN REGION. ML 2.7 (TTG).
	02	01 25 03.5	42.950	N	18.765	E	10 G			0.5	8	58	NORTHWESTERN BALKAN REGION. ML 2.8 (TTG).
	02	02 44 45.4&	63.113	N	151.510	W	13				58		CENTRAL ALASKA. <AEIC>. ML 3.2 (AEIC), 3.4 (PMR).

02	02	49	46.2	47.317	N	10.654	E	10	G	1.2	62	AUSTRIA. ML 3.5 (GRF), 3.5 (LDG), 3.2 (VIE), 3.2 (CLL), 3.0 (FUR). MD 3.5 (STR), 3.0 (TRI).	
02	03	07	05.0&	37.638	N	118.951	W	8			32	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM). ML 2.7 (GS).	
02	04	31	52.9	40.796	S	174.911	E	104	*	4.3	34	COOK STRAIT, NEW ZEALAND	
02	05	25	33.8	39.429	N	20.343	E	10	G		0.4	14	GREECE-ALBANIA BORDER REGION. MD 3.4 (ATH).
02	06	23	52.8	44.144	N	7.907	E	10	G		0.3	19	NORTHERN ITALY. ML 2.8 (GEN).
02	08	35	18.5?	36.01	N	7.55	W	10	G		1.3	5	STRAIT OF GIBRALTAR
02	08	40	43.2	40.484	N	21.818	E	10	G		1.0	11	GREECE
02	09	01	43.5?	21.40	S	179.32	W	631	?	4.9	0.5	13	FIJI ISLANDS REGION
02	10	43	44.8&	44.147	N	7.920	E	10	G		0.4	8	NORTHERN ITALY. ML 2.1 (GEN).
02	11	10	22.9&	66.245	N	148.265	W	24				11	NORTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
02	12	10	23.8&	37.638	N	118.945	W	8				6	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM).
02	12	38	07.3*	41.541	N	22.332	E	10	G		0.5	7	NORTHWESTERN BALKAN REGION. ML 2.2 (SKO).
02	13	29	55.6?	40.40	N	28.74	E	10	G		0.0	4	TURKEY. ML 2.6 (ISK).
02	13	52	20.9*	27.717	N	141.067	E	33	N	4.8 4.1	1.3	22	BONIN ISLANDS REGION
02	13	56	03.5	42.892	N	31.666	E	10	G		0.7	11	BLACK SEA. MG 3.3 (DDA).
02	14	37	26.3?	34.60	S	70.84	W	100	G		0.2	9	CHILE-ARGENTINA BORDER REGION
02	14	39	17.6	36.405	N	70.394	E	220	D	4.8	1.0	108	HINDU KUSH REGION, AFGHANISTAN
02	15	32	38.8?	29.55	S	177.97	W	408	*	4.5	1.1	24	KERMADEC ISLANDS, NEW ZEALAND
02	16	10	25.3&	36.987	N	3.658	W	10	G		1.3	10	STRAIT OF GIBRALTAR. mbLg 2.9 (MDD). Felt (III) in the Padul area, Spain.
02	17	06	00.1	42.986	N	18.774	E	10	G		0.7	10	NORTHWESTERN BALKAN REGION. ML 2.2 (TTG).
02	18	09	02.4?	40.30	N	24.19	E	5	G		0.9	4	AEGEAN SEA
02	18	12	56.6	49.139	N	6.880	E	10	G		0.9	19	GERMANY. ML 2.6 (STR), 2.2 (UCC).
02	18	17	12.9&	45.134	N	8.252	E	10	G		0.8	11	NORTHERN ITALY. ML 2.4 (GEN).
02	18	36	31.9?	22.93	S	171.69	E	33	N	4.7	1.3	13	LOYALTY ISLANDS REGION
02	18	45	37.9*	31.739	S	72.456	W	33	N		1.0	16	OFF COAST OF CENTRAL CHILE. MD 4.4 (SAN).
02	19	31	53.1&	35.911	N	117.728	W	7				13	CENTRAL CALIFORNIA. <PAS-P>. ML 2.7 (PAS).
02	19	40	25.4	38.757	N	25.963	E	10		4.0	1.1	37	AEGEAN SEA. ML 3.8 (ISK). MD 3.9 (ATH).
02	20	30	06.4&	64.930	N	133.700	W	18	G	4.8		90	SOUTHERN YUKON TERRITORY, CANADA. <PGC-P>. ML 4.7 (PGC).
02	20	47	59.8&	60.079	N	152.961	W	110				42	SOUTHERN ALASKA. <AEIC>.
02	21	28	59.1	36.835	N	26.659	E	10	G		1.1	9	DODECANESE ISLANDS. ML 4.2 (ATH).
02	22	03	59.4&	42.874	S	172.549	E	5	G		1.1	17	SOUTH ISLAND, NEW ZEALAND. ML 4.2 (WEL).
02	22	04	38.4*	24.868	N	95.794	E	33	N	4.9	0.9	9	MYANMAR
02	22	24	43.0?	31.71	S	69.83	W	150	G		0.5	9	SAN JUAN PROVINCE, ARGENTINA. MD 4.2 (SAN).
02	23	39	21.6?	44.32	N	7.32	E	10	G		0.4	4	NORTHERN ITALY. ML 2.0 (GEN).
03	00	01	32.9	24.193	N	122.080	E	33	N	4.7	1.3	45	TAIWAN REGION. ML 4.5 (BJI).
03	00	14	55.7	42.972	N	18.788	E	10	G		0.7	10	NORTHWESTERN BALKAN REGION. ML 2.1 (TTG).
03	00	25	07.5	44.757	N	6.800	E	10	G		0.4	10	FRANCE. ML 2.0 (GEN), 2.0 (LDG).
03	00	34	08.1&	34.828	N	120.425	W	1				4	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS). Felt.
03	00	47	36.2	44.739	N	6.769	E	10			0.6	57	FRANCE. ML 3.2 (LDG), 3.1 (GEN).
03	01	15	18.4?	22.39	S	68.02	W	218	?		1.6	8	NORTHERN CHILE
03	01	31	08.0?	39.48	N	27.79	E	5	G		0.6	4	TURKEY. ML 2.6 (ISK).
03	01	32	41.7?	32.01	S	71.57	W	10	G		0.7	9	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
03	01	36	00.1?	39.49	N	27.79	E	5	G		0.6	4	TURKEY. ML 2.6 (ISK).
03	01	51	24.7&	34.259	N	116.721	W	2				37	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.8 (PAS), 3.8 (GS). Felt (III) at Cabazon and Calimesa. Felt (II) at Highland.
03	02	27	38.8*	37.541	N	22.824	E	98	?		0.8	9	SOUTHERN GREECE
03	02	38	10.4	42.457	N	141.385	E	120		4.7	1.0	87	HOKKAIDO, JAPAN REGION
03	03	30	26.2	21.994	N	142.998	E	257	D	4.8	1.0	97	MARIANA ISLANDS REGION
03	03	41	44.2?	34.97	S	71.75	W	33	N		0.6	13	NEAR COAST OF CENTRAL CHILE. MD 4.2 (SAN).
03	04	29	52.5	44.032	N	7.685	E	10	G		0.7	23	NORTHERN ITALY. ML 2.8 (LDG), 2.5 (GEN).
03	05	01	24.5	51.139	N	179.322	E	33	N	4.7	1.0	73	RAT ISLANDS, ALEUTIAN ISLANDS. ML 4.7 (PMR).
a 03	05	41	08.2	51.204	N	179.308	E	33	N	5.2 5.0	1.0	229	RAT ISLANDS, ALEUTIAN ISLANDS. Mw 5.6 (HRV). Felt on Adak.
03	06	49	23.6*	51.174	N	179.352	E	33	N	4.3	0.7	12	RAT ISLANDS, ALEUTIAN ISLANDS
03	08	38	46.5?	40.46	N	23.67	E	5	G		0.2	4	GREECE
03	09	01	07.0*	6.815	N	73.061	W	165	*	4.1	1.2	8	NORTHERN COLOMBIA
03	09	12	06.4?	39.15	N	27.50	E	10	G		0.3	4	TURKEY. ML 2.7 (ISK).
03	09	52	59.1?	39.17	N	27.41	E	10	G		0.8	4	TURKEY. ML 2.7 (ISK).
a 03	10	16	19.1	49.954	S	114.201	E	10	G	5.3 5.3	1.2	58	SOUTH OF AUSTRALIA. Mw 5.5 (HRV).
03	11	09	29.9?	23.71	S	179.93	W	544	?	4.9	1.2	24	SOUTH OF FIJI ISLANDS
03	11	56	42.9&	40.663	N	22.985	E	10	G		0.8	6	GREECE
a 03	12	22	17.6	15.684	S	171.986	W	10	G	5.0 4.5	0.9	31	SAMOA ISLANDS REGION. Mw 5.3 (HRV).
a 03	12	36	25.5	60.353	S	20.446	W	10	G	5.5 5.2	0.9	85	SOUTHWESTERN ATLANTIC OCEAN. Mw 5.5 (HRV).
03	12	54	17.2*	43.874	N	12.238	E	22	*		1.1	18	CENTRAL ITALY. ML 3.5 (VIE), 3.1 (LDG), 2.8 (LJU). MD 3.4 (TRI), 3.2 (FIR).
03	12	59	12.1&	40.628	N	22.772	E	5	G		0.3	5	GREECE
03	13	01	28.3*	38.393	N	22.173	E	10	G		1.2	5	GREECE
03	13	02	06.4&	40.774	N	27.594	E	10	G		0.8	5	TURKEY. ML 2.8 (ISK).
03	13	16	15.6	4.967	N	75.556	W	155		4.6	1.3	26	COLOMBIA
03	13	23	14.6?	39.58	N	29.62	E	10	G		0.8	5	TURKEY. ML 2.7 (ISK).
03	16	53	23.0&	34.106	S	70.438	W	110	G		0.2	8	CHILE-ARGENTINA BORDER REGION. MD 3.1 (SAN).
03	17	44	20.2&	34.405	N	118.402	W	7				13	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 3.0 (GS). Felt in the San Fernando area.
03	18	16	42.1*	17.190	N	60.982	W	33	N		0.6	10	LEEWARD ISLANDS. ML 3.5 (FDF). MD 3.1 (TRN).
03	18	28	56.7	29.322	N	130.614	E	42	*	4.4 4.3	1.0	29	RYUKYU ISLANDS
03	18	45	00.9*	23.163	S	66.510	W	214	*	4.0	1.1	12	JUJUY PROVINCE, ARGENTINA
03	19	22	52.0&	44.647	N	6.683	E	10	G		0.6	5	FRANCE. ML 1.7 (GEN).
03	19	25	48.6&	62.775	N	151.158	W	93				52	CENTRAL ALASKA. <AEIC>.
03	19	31	14.3	37.646	N	118.959	W	5	G		0.8	11	CALIFORNIA-NEVADA BORDER REGION. ML 2.8 (GS).
03	20	30	32.9&	33.151	S	70.304	W	5	G		0.4	9	CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
03	23	07	13.8	39.085	N	23.322	E	16			0.4	10	AEGEAN SEA. MD 3.1 (ATH).
03	23	11	44.1&	35.309	N	118.602	W	4				12	CENTRAL CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 3.0 (GS).
03	23	11	57.7	39.143	N	75.639	E	10	G	4.3	1.5	19	SOUTHERN XINJIANG, CHINA
03	23	13	03.5?	13.14	N	93.77	W	33	N	4.2	1.2	8	OFF COAST OF CHIAPAS, MEXICO
03	23	27	02.7	39.350	N	22.841	E	10	G		1.1	10	GREECE
04	00	42	14.4&	37.786	N	25.529	W	10	G		0.6	5	AZORES ISLANDS
04	00	59	55.5&	37.821	N	119.977	W	30				6	CENTRAL CALIFORNIA. <GM-P>. MD 2.7 (GM).
04	01	24	12.2*	35.653	N	24.330	E	10	G	3.4	0.8	5	CRETE. MD 3.5 (ATH).

04	01	43	03.27	44.86	N	6.66	E	5	G	0.3	4	FRANCE. ML 1.5 (GEN).
04	02	02	12.06	59.968	N	152.861	W	98		46	SOUTHERN ALASKA. <AEIC>.	
04	02	33	05.0*	6.206	S	146.256	E	33	N 3.4	1.3	5	EASTERN NEW GUINEA REG., P.N.G.
04	02	52	17.7	31.751	S	69.425	W	150	G	0.8	15	SAN JUAN PROVINCE, ARGENTINA. MD 4.0 (SAN).
04	04	11	39.6%	33.252	S	72.086	W	10	G	0.4	9	OFF COAST OF CENTRAL CHILE. MD 3.7 (SAN).
04	04	34	52.7%	41.975	N	19.198	E	10	G	0.3	9	ALBANIA. ML 1.8 (TTG).
04	05	09	01.0%	44.472	N	7.283	E	10	G	0.5	6	NORTHERN ITALY. ML 1.8 (GEN).
04	05	50	25.4*	17.576	N	61.290	W	62	? 4.1	1.1	15	LEEWARD ISLANDS. MD 3.9 (TRN).
04	05	53	50.6	6.533	S	154.975	E	77	* 4.5	1.0	14	SOLOMON ISLANDS
04	06	14	02.7%	57.643	N	155.021	W	46		30	ALASKA PENINSULA. <AEIC>. ML 2.7 (AEIC).	
04	07	53	13.8*	35.917	N	26.885	E	172	* 3.9	0.9	15	CRETE
04	08	01	54.8	12.151	N	125.673	E	39	* 4.8	0.9	30	SAMAR, PHILIPPINE ISLANDS
04	08	36	01.5	46.280	N	7.430	E	8		0.9	54	SWITZERLAND. ML 3.4 (LDG), 3.3 (STR).
04	08	54	10.4*	39.09	N	27.60	E	10	G	0.6	4	TURKEY. ML 2.7 (ISK).
04	09	14	58.7*	39.18	N	27.43	E	10	G	1.0	4	TURKEY. ML 2.7 (ISK).
a 04	09	30	14.4	41.757	N	141.937	E	84	D 5.2	0.9	274	HOKKAIDO, JAPAN REGION. Mw 5.2 (HRV). Felt (IV JMA) at Tomakomai; (III JMA) at Hiroo, Muroran and Urakawa; (II JMA) at Hakodate, Iwamizawa, Kushiro, Obihiro and Otaru; (I JMA) at Sapporo. Also felt (IV JMA) at Mutsu; (II JMA) at Aomori and Hachinohe, Honshu.
04	09	42	43.0%	44.018	N	7.652	E	10	G	0.3	6	NORTHERN ITALY. ML 1.7 (GEN).
04	09	47	51.8%	40.664	N	22.975	E	10	G	0.8	6	GREECE
04	10	46	54.2%	32.123	S	67.508	W	10	G	1.0	6	MENDOZA PROVINCE, ARGENTINA
04	10	59	51.5*	11.937	N	125.855	E	33	N 4.3	1.1	5	SAMAR, PHILIPPINE ISLANDS
04	11	10	16.3%	61.543	N	148.052	W	35		65	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).	
04	11	22	45.7%	63.276	N	151.111	W	8		66	CENTRAL ALASKA. <AEIC>. ML 2.8 (AEIC), 3.2 (PMR).	
04	12	01	35.6*	39.10	N	27.52	E	10	G	0.3	4	TURKEY. ML 2.7 (ISK).
04	12	05	18.0	41.261	N	21.900	E	10	G	0.8	8	NORTHWESTERN BALKAN REGION. ML 1.5 (SKO).
04	12	32	31.7*	47.13	N	152.56	E	33	N 4.2	0.9	6	KURIL ISLANDS
04	12	55	46.3	3.620	S	131.248	E	33	N 5.0 4.4	0.9	34	IRIAN JAYA REGION, INDONESIA
04	13	06	01.2*	44.44	N	7.32	E	10	G	0.1	4	NORTHERN ITALY. ML 1.6 (GEN).
04	14	11	28.7	69.741	N	146.709	W	10	G 4.9 4.6	1.0	154	NORTHERN ALASKA. ML 4.8 (AEIC). Felt (IV) at Prudhoe Bay. Also felt at Deadhorse.
04	15	42	37.2*	11.490	S	166.299	E	140	* 4.6	1.0	18	SANTA CRUZ ISLANDS
a 04	16	53	51.0	40.167	N	21.473	E	10	G	0.8	13	GREECE. MD 3.2 (ATH).
04	17	21	23.2	3.590	S	131.256	E	33	N 5.3 4.8	1.1	73	IRIAN JAYA REGION, INDONESIA. Mw 5.5 (HRV).
04	17	27	32.5*	36.331	N	31.043	E	10	G	1.5	6	TURKEY. MD 3.7 (CSS).
04	17	30	04.3*	4.793	S	144.717	E	116	? 4.6	1.0	6	NEAR N COAST OF NEW GUINEA, PNG.
04	17	58	55.0*	45.58	N	26.52	E	130	G	0.7	5	ROMANIA
04	18	12	57.6*	11.30	N	86.24	W	33	N 4.7	1.2	20	NEAR COAST OF NICARAGUA
04	18	45	15.0*	5.47	N	32.09	E	10	G 4.2	0.6	8	SUDAN
04	20	05	20.7	43.874	N	18.533	E	10	G	0.9	16	NORTHWESTERN BALKAN REGION. ML 3.2 (TTG), 2.9 (TIR). Felt (IV) in the Sarajevo area, Bosnia and Herzegovina.
04	20	07	42.5%	60.222	N	146.343	W	6		36	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).	
04	20	50	49.4	43.352	N	8.246	E	21		0.2	18	CORSICA. ML 2.6 (LDG), 2.6 (GEN).
04	21	21	48.9%	9.985	N	70.027	W	10	G	0.7	5	VENEZUELA
04	21	46	15.5%	39.354	N	27.949	E	10	G	0.9	5	TURKEY. ML 2.7 (ISK).
04	22	12	17.1%	42.286	N	19.614	E	10	G	0.5	8	NORTHWESTERN BALKAN REGION. ML 1.6 (TTG).
a 04	22	15	19.5%	42.303	N	122.011	W	8	5.2 5.2	322	OREGON. <SEA-P>. Mw 5.4 (HRV). ML 5.4 (BRK). Mo=1.2*10**17 Nm (PPT). Damage (VII) at Klamath Falls. Also slight damage (VI) at Tulalake, California. Felt (V) at Bonanza, Chiloquin, Dairy, Malin, Medford, Merrill and Midland; (IV) at Ashland, Eagle Point, Fort Klamath, Gold Hill, Grants Pass, Jacksonville, Keno, Phoenix, Prospect and Trail. Also felt (V) at Canby and Dorris; (IV) at Cedarville, Etna, Grenada, Montague and Yreka, California.	
04	22	44	51.9*	35.33	S	70.90	W	100	G	0.5	8	CHILE-ARGENTINA BORDER REGION
04	22	45	01.9*	42.156	N	122.092	W	5	G	0.4	8	OREGON
04	22	54	21.0%	42.300	N	122.000	W	10	G	9	OREGON. <SPEC>. ML 2.9 (GS). Held to mainshock location.	
a 04	23	16	52.4	33.838	S	71.913	W	50	5.5 5.2	1.0	104	NEAR COAST OF CENTRAL CHILE. Mw 5.6 (HRV). MD 5.0 (SAN). Felt (IV) at Rancagua and San Antonio; (III) at Curico; (II) at Valparaiso.
04	23	17	12.1*	32.90	S	70.32	W	174	?	0.9	10	CHILE-ARGENTINA BORDER REGION
04	23	23	30.5%	42.264	N	121.993	W	6	3.6	35	OREGON. <SEA-P>. ML 3.7 (GS), 3.8 (BRK). MD 3.4 (SEA).	
04	23	34	11.1	28.886	N	34.903	E	10	G 4.4 4.5	1.3	32	EGYPT. MD 4.9 (RYD), 4.4 (HLW).
04	23	38	37.6%	33.841	S	71.780	W	20	G	0.6	9	NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
04	23	40	29.0*	42.23	N	122.10	W	5	G	0.9	8	OREGON. MD 2.6 (GS).
04	23	44	13.2%	42.263	N	121.993	W	7	3.1	26	OREGON. <SEA-P>. MD 2.6 (SEA), 2.9 (GS).	
04	23	50	21.2%	42.251	N	121.959	W	11	3.7	55	OREGON. <SEA-P>. ML 4.0 (GS), 3.8 (BRK).	
05	00	10	56.5	27.931	N	55.269	E	10	G 4.4	0.6	27	SOUTHERN IRAN
05	00	27	08.5	42.224	N	122.089	W	5	G	0.8	13	OREGON. ML 3.0 (GS).
05	00	38	08.2%	42.311	N	122.039	W	0		4	OREGON. <SEA-P>. MD 2.6 (SEA).	
05	00	38	32.0	51.789	N	178.053	E	85	D 4.5	1.0	46	RAT ISLANDS, ALEUTIAN ISLANDS. Felt (IV) on Adak.
05	00	58	20.2	27.831	N	102.737	W	5	G 4.7	1.0	44	NORTHERN MEXICO
05	01	07	24.3%	67.515	N	145.892	W	6	3.8	48	NORTHERN ALASKA. <AEIC>. ML 3.5 (AEIC), 3.9 (PMR).	
05	01	30	57.8	41.970	N	19.117	E	8	4.6	1.2	119	ALBANIA. ML 4.3 (ROM), 4.1 (TTG), 3.9 (TIR), 3.5 (LJU). MD 3.9 (FIR). Felt (VI) at Ulcinj, (V) at Bar and (III) at Podgorica, Yugoslavia.
05	01	31	18.3	12.130	N	125.702	E	34	* 4.8 4.6	0.9	44	SAMAR, PHILIPPINE ISLANDS
05	01	37	58.1%	41.937	N	19.252	E	10	G	0.5	9	ALBANIA. ML 1.8 (TTG).
05	01	53	08.4	39.606	N	27.388	E	10	G	0.6	18	TURKEY. ML 3.4 (ISK). MD 3.4 (ATH).
05	02	00	54.1%	41.924	N	19.247	E	10	G	0.5	9	ALBANIA. ML 1.5 (TTG).
05	02	11	28.4*	42.33	N	121.99	W	5	G	0.6	8	OREGON. MD 2.8 (GS).
05	02	26	57.9%	60.025	N	153.464	W	139		59	SOUTHERN ALASKA. <AEIC>.	
05	02	29	34.8*	31.38	S	68.41	W	100	G	0.7	5	SAN JUAN PROVINCE, ARGENTINA
05	02	36	00.5%	42.283	N	122.020	W	5	2.9	30	OREGON. <SEA-P>. ML 3.3 (GS). MD 3.1 (SEA).	
a 05	02	36	10.2	52.097	N	173.913	W	30	D 5.0 4.7	1.1	118	ANDREANOF ISLANDS, ALEUTIAN IS. Mw 5.0 (HRV). ML 5.4 (PMR). Felt strongly on Atka. Also felt on Adak.
05	03	26	32.3	42.249	N	122.016	W	5	G	0.9	17	OREGON. ML 3.7 (GS).
05	03	26	56.6%	42.297	N	122.016	W	4	3.2	7	OREGON. <SEA-P>. MD 3.4 (SEA).	
05	05	09	20.0*	34.03	S	72.21	W	5	G	0.7	9	NEAR COAST OF CENTRAL CHILE. MD 3.3 (SAN).

05	05	11	53.9?	33.97	S	72.10	W	10	G	0.5	11	OFF COAST OF CENTRAL CHILE. MD 4.0 (SAN).	
05	05	23	10.7*	43.726	N	18.677	E	10	G	0.7	10	NORTHWESTERN BALKAN REGION. ML 2.6 (TTG). Felt (IV) in the Sarajevo area, Bosnia and Herzegovina.	
05	05	52	44.5*	33.904	S	71.994	W	10	G	0.6	11	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).	
05	06	25	06.2&	37.264	N	121.643	W	7			64	CENTRAL CALIFORNIA. <GM-P>. MD 3.2 (GM). ML 3.4 (BRK), 3.4 (GS).	
05	06	36	27.1	19.860	N	121.230	E	56	*	4.7	64	PHILIPPINE ISLANDS REGION	
05	06	47	13.3	17.874	S	63.399	W	66	*	3.9	0.5	8	CENTRAL BOLIVIA
05	06	58	39.4&	42.298	N	122.027	W	2			17	OREGON. <SEA-P>. MD 2.6 (SEA). ML 3.0 (GS).	
05	07	08	32.5	41.956	N	19.233	E	10	G	0.5	11	ALBANIA. ML 2.2 (TTG).	
05	07	13	39.1	40.706	N	29.867	E	10	G	0.9	12	TURKEY. ML 3.2 (ISK).	
05	07	30	54.9?	34.00	S	72.33	W	5	G	0.6	10	OFF COAST OF CENTRAL CHILE. MD 3.5 (SAN).	
05	07	36	07.9	38.314	S	73.804	W	33	N	0.6	13	NEAR COAST OF CENTRAL CHILE	
05	07	46	42.8&	42.295	N	122.033	W	3			14	OREGON. <SEA-P>. MD 2.8 (SEA). ML 2.8 (GS).	
05	07	54	30.4	33.903	S	69.813	W	5	G	0.7	12	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).	
05	08	01	16.2	41.923	N	19.170	E	10	G	1.1	11	ALBANIA. ML 2.9 (TTG).	
05	08	27	28.8?	39.46	N	27.85	E	10	G	0.3	4	TURKEY. ML 2.9 (ISK).	
05	08	37	00.5?	39.12	N	27.51	E	10	G	0.1	4	TURKEY. ML 2.7 (ISK).	
05	09	32	13.2?	39.21	N	26.51	E	10	G	0.2	4	TURKEY. ML 2.8 (ISK).	
05	09	34	58.1?	40.41	N	21.79	E	5	G	0.8	5	GREECE	
05	09	34	58.9*	4.266	S	142.974	E	126	*	4.6	0.6	9	NEW GUINEA, PAPUA NEW GUINEA
05	09	41	22.1?	39.11	N	27.56	E	10	G	0.6	4	TURKEY. ML 2.8 (ISK).	
05	09	43	19.2*	41.180	N	20.344	E	5	G	0.8	11	ALBANIA	
05	09	50	22.2%	12.120	N	126.185	E	33	N	0.9	7	PHILIPPINE ISLANDS REGION	
05	10	05	05.3?	39.15	N	27.59	E	10	G	0.1	4	TURKEY. ML 2.7 (ISK).	
05	10	52	57.1?	39.14	N	27.58	E	10	G	0.2	4	TURKEY. ML 2.7 (ISK).	
05	10	54	06.2?	39.15	N	27.43	E	10	G	0.9	4	TURKEY. ML 2.7 (ISK).	
05	10	55	48.8%	41.929	N	19.237	E	10	G	0.5	7	ALBANIA. ML 1.7 (TTG).	
05	11	18	26.1*	20.792	S	67.379	W	204	?	0.6	7	SOUTHERN BOLIVIA	
05	11	29	56.8%	44.354	N	7.304	E	10	G	0.4	7	NORTHERN ITALY. ML 2.2 (GEN).	
05	11	35	57.8	41.981	N	19.185	E	10	G	0.9	11	ALBANIA. ML 2.6 (TTG).	
05	12	19	31.0&	63.289	N	151.081	W	7			51	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC).	
05	12	59	18.1%	41.893	N	19.190	E	10	G	0.6	9	ALBANIA. ML 2.2 (TTG).	
05	14	11	50.9%	39.296	N	22.545	E	33	N	0.4	6	GREECE	
05	14	12	31.9*	19.098	N	120.492	E	10	G	1.0	14	PHILIPPINE ISLANDS REGION	
05	14	15	39.7%	38.521	N	1.281	W	5	G	1.0	17	SPAIN. mbLg 3.2 (MDD).	
05	14	22	53.5	42.282	N	122.110	W	5	G	0.7	14	OREGON. ML 3.4 (GS), 3.2 (BRK).	
05	15	10	48.3	44.181	N	12.189	E	24		1.1	44	NORTHERN ITALY. ML 3.6 (VIE), 3.1 (LDG). MD 3.6 (TRI), 3.3 (ROM), 3.2 (FIR).	
05	15	22	03.7	42.301	N	121.952	W	5	G	0.9	11	OREGON. MD 3.0 (GS).	
05	15	24	39.1	38.957	N	23.948	E	10	G	0.8	16	GREECE. ML 3.5 (ATH).	
05	15	25	11.4*	38.911	N	23.938	E	10	G	1.3	14	GREECE	
05	15	32	27.8	38.967	N	23.881	E	10	G	1.0	22	GREECE. ML 3.8 (ATH).	
05	16	49	55.9&	42.294	N	122.020	W	3			16	OREGON. <SEA-P>. MD 2.9 (SEA). ML 3.0 (GS).	
05	17	10	09.8*	31.386	N	138.143	E	403	*	3.7	0.4	10	SOUTH OF HONSHU, JAPAN
05	17	15	04.6&	37.988	N	121.868	W	17			65	CENTRAL CALIFORNIA. <GM-P>. MD 3.3 (GM). ML 3.2 (GS), 3.0 (BRK).	
05	17	41	31.3%	39.408	N	27.929	E	10	G	0.5	5	TURKEY. ML 3.0 (ISK).	
05	18	55	00.6&	38.797	N	120.031	W	14			58	NORTHERN CALIFORNIA. <GM-P>. MD 3.2 (GM). ML 3.0 (BRK), 2.8 (GS).	
a	05	19	05	02.2	49.181	N	153.380	E	37	4.9 4.1	0.9	109	KURIL ISLANDS
a	05	19	15	23.7*	51.097	N	179.323	E	33	N 3.9	0.8	13	RAT ISLANDS, ALEUTIAN ISLANDS
a	05	19	37	01.4	6.467	S	130.426	E	137	D 5.3	1.1	163	BANDA SEA. Mw 5.4 (HRV).
a	05	20	33	31.8	11.816	N	86.813	W	74	5.0	0.9	128	NEAR COAST OF NICARAGUA. MD 4.6 (APY). Felt (IV) at Managua.
05	20	45	05.2%	31.368	S	68.549	W	100	G	0.5	6	SAN JUAN PROVINCE, ARGENTINA	
05	21	04	11.1?	33.96	S	72.04	W	10	G	0.6	9	OFF COAST OF CENTRAL CHILE. MD 3.7 (SAN).	
05	21	14	03.7?	47.76	N	1.31	W	10	G	0.6	6	FRANCE. ML 2.3 (LDG).	
05	21	37	03.2?	39.18	N	23.80	E	10	G	0.4	6	AEGEAN SEA	
05	21	59	21.4%	33.984	S	70.057	W	10	G	0.2	8	CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).	
05	22	29	38.2?	41.46	N	142.14	E	97	?	3.8	0.7	10	HOKKAIDO, JAPAN REGION
05	22	54	38.7	41.916	N	19.202	E	10	G	0.9	11	ALBANIA. ML 2.3 (TTG).	
05	22	59	18.3&	42.261	N	121.990	W	6			16	OREGON. <SEA-P>. MD 2.7 (SEA). ML 2.7 (GS).	
05	23	09	40.7?	31.37	S	68.74	W	80	?	0.3	5	SAN JUAN PROVINCE, ARGENTINA	
05	23	16	25.7	11.900	N	124.967	E	109		4.9	1.1	71	LEYTE, PHILIPPINE ISLANDS. Felt (II RF) at Palo.
05	23	57	22.7?	30.01	N	108.06	E	5	G	4.3	1.5	15	SICHUAN, CHINA. ML 4.2 (BJI).
06	00	06	44.5	40.687	N	29.204	E	10	G	0.6	8	TURKEY. ML 3.2 (ISK).	
06	00	20	26.6	43.033	N	18.725	E	10	G	0.6	9	NORTHWESTERN BALKAN REGION. ML 2.0 (TTG).	
06	02	25	03.2*	28.492	S	176.909	W	79	*	5.1	1.2	25	KERMADEC ISLANDS REGION
06	02	58	21.8?	35.75	N	71.03	E	130	G	4.1	0.2	8	PAKISTAN
06	04	59	12.0*	4.542	S	138.192	E	33	N	5.2	1.5	19	IRIAN JAYA, INDONESIA
06	05	15	47.1&	59.890	N	152.605	W	81		3.3	91	SOUTHERN ALASKA. <AEIC>.	
06	05	30	41.8*	24.250	S	66.770	W	189	*	4.0	0.9	8	SALTA PROVINCE, ARGENTINA
06	05	36	04.4&	42.290	N	121.954	W	7			21	OREGON. <SEA-P>. MD 2.7 (SEA). ML 2.9 (GS).	
06	06	43	47.3?	10.93	N	62.23	W	33	N		0.7	7	NEAR COAST OF VENEZUELA. MD 3.6 (TRN).
06	07	03	35.1&	35.287	N	116.854	W	6	G		9	CENTRAL CALIFORNIA. <PAS-P>. ML 2.9 (PAS).	
06	07	43	07.0?	39.44	N	30.07	E	10	G	0.7	6	TURKEY. ML 2.8 (ISK).	
06	07	54	23.0*	42.345	N	15.780	E	10	G	0.3	11	ADRIATIC SEA. ML 3.3 (TTG). MD 3.3 (TRI).	
06	08	01	59.5%	39.186	N	21.399	E	10	G	1.4	5	GREECE	
06	08	36	22.8	5.982	S	130.680	E	123		5.1	1.0	33	BANDA SEA
06	09	02	16.6?	39.15	N	27.56	E	10	G	0.5	4	TURKEY. ML 2.7 (ISK).	
06	10	33	40.1*	12.461	S	166.546	E	82	?	5.2	1.0	28	SANTA CRUZ ISLANDS
06	10	40	28.3?	40.17	N	28.76	E	10	G		0.4	4	TURKEY. ML 2.6 (ISK).
a	06	10	42	03.7	6.360	S	154.916	E	48	D 5.6 5.7	0.9	262	SOLOMON ISLANDS. Mw 5.9 (HRV). Ms 5.8 (BRK).
06	11	27	17.4	33.467	S	70.175	W	10	G	0.6	14	CHILE-ARGENTINA BORDER REGION. MD 4.0 (SAN).	
06	12	05	29.7	40.928	N	22.394	E	10	G	0.7	7	GREECE. ML 1.7 (SKO).	
06	12	25	16.0?	45.73	N	13.81	E	5	G	0.3	4	NORTHERN ITALY. MD 2.2 (LJU).	
06	12	50	19.2?	37.74	N	72.33	E	33	N	4.9	0.4	7	TAJIKISTAN
06	13	08	56.6%	41.821	N	19.241	E	5	G	0.3	8	ALBANIA. ML 1.8 (TTG).	
06	13	34	55.7&	42.253	N	121.958	W	10			18	OREGON. <SEA-P>. MD 2.7 (SEA). ML 2.9 (GS).	
06	13	58	51.3	38.843	N	21.255	E	8			0.9	25	GREECE. ML 3.9 (TIR). MD 3.7 (ATH).
06	14	13	18.2%	33.476	S	69.981	W	10	G	0.2	8	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).	
06	14	25	35.1	39.201	N	30.189	E	33		4.1	1.2	63	TURKEY. MD 4.3 (ATH).

a 06	15 34 51.0*	31.963 S	68.983 W	170 G	1.4	16	SAN JUAN PROVINCE, ARGENTINA. MD 4.1 (SAN).	
06	15 37 54.3	41.495 N	141.973 E	68 D 5.3	0.9	240	HOKKAIDO, JAPAN REGION. Mw 5.2 (HRV).	
06	15 44 20.3&	42.276 N	121.937 W	6		22	OREGON. <SEA-P>. MD 2.8 (SEA). ML 2.8 (GS).	
06	15 55 38.7&	60.247 N	153.126 W	143		50	SOUTHERN ALASKA. <AEIC>.	
06	16 25 34.6?	39.21 N	29.95 E	10 G	1.1	7	TURKEY. ML 4.1 (ISK). Felt at Kutahya.	
06	17 49 51.8?	10.70 N	59.84 W	33 N 3.4	0.7	6	NORTH ATLANTIC OCEAN	
06	18 04 35.4&	63.439 N	147.253 W	73		69	CENTRAL ALASKA. <AEIC>.	
06	20 10 03.7	39.150 N	21.529 E	10 G	0.9	16	GREECE. MD 3.1 (ATH).	
06	20 54 45.4	6.818 N	78.301 E	10 G 5.2 4.7	1.1	168	LACCADIVE SEA. Felt in central and southern Sri Lanka. Also felt in parts of southern India.	
06	21 02 46.2&	61.972 N	149.831 W	47		76	SOUTHERN ALASKA. <AEIC>. ML 3.0 (AEIC).	
06	21 55 57.1	1.013 S	121.339 E	33 N 4.7	0.8	28	SULAWESI, INDONESIA	
06	22 27 04.5	45.948 N	14.330 E	10 G	1.4	16	NORTHWESTERN BALKAN REGION. ML 2.9 (VIE). MD 3.4 (LJU), 2.9 (TRI). Felt in the Horjul-Vrhnika area, Slovenia.	
a 06	23 00 17.4	21.835 N	121.065 E	29 D 5.2 5.0	1.0	151	TAIWAN REGION. Mw 5.4 (HRV).	
06	23 19 24.0*	5.996 S	145.950 E	10 G 3.5	1.4	6	EASTERN NEW GUINEA REG., P.N.G.	
06	23 36 30.1&	61.253 N	150.475 W	38		65	SOUTHERN ALASKA. <AEIC>. ML 2.9 (AEIC).	
06	23 50 07.2&	59.970 N	141.022 W	3		14	SOUTHEASTERN ALASKA. <AEIC>. ML 2.7 (AEIC).	
07	01 22 45.9?	38.92 N	23.90 E	31	0.4	8	GREECE	
07	01 23 41.7*	46.031 N	14.269 E	10 G	0.1	5	NORTHWESTERN BALKAN REGION. ML 2.1 (VIE). MD 2.4 (LJU). Felt in the Breg-Borovnica area, Slovenia.	
07	02 43 44.9&	60.218 N	152.429 W	97		42	SOUTHERN ALASKA. <AEIC>.	
07	02 53 20.0&	36.990 N	4.225 W	10 G	0.6	5	STRAIT OF GIBRALTAR. mbLg 2.5 (MDD).	
07	03 11 16.0&	41.509 N	3.081 W	10 G	1.1	7	SPAIN. mbLg 2.9 (MDD).	
07	03 27 33.5?	6.34 S	129.35 E	248 * 4.8	0.9	10	BANDA SEA	
07	03 34 27.1*	51.271 N	15.746 E	10 G	1.0	13	POLAND. ML 3.5 (GRF), 3.5 (VIE).	
07	04 09 19.1&	62.175 N	147.859 W	37		58	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).	
07	04 51 26.9&	60.546 N	140.667 W	10 G		22	SOUTHEASTERN ALASKA. <PGC-P>. ML 2.9 (PGC), 3.1 (AEIC).	
07	05 15 14.2&	62.828 N	138.104 W	10 G 4.5		3	SOUTHERN YUKON TERRITORY, CANADA. <PGC-P>. ML 3.4 (PGC).	
07	05 54 52.5	40.105 N	19.973 E	5 G	1.1	9	ALBANIA. ML 3.0 (TIR).	
07	06 29 11.7	33.857 S	70.331 W	100 G	0.4	13	CHILE-ARGENTINA BORDER REGION. MD 3.9 (SAN).	
07	08 09 57.7*	6.222 S	146.234 E	99 *	0.4	7	EASTERN NEW GUINEA REG., P.N.G.	
07	08 20 41.8	59.707 N	147.480 W	10 G	0.6	18	GULF OF ALASKA. ML 2.5 (AEIC).	
07	09 43 20.8*	6.036 S	146.146 E	10 G 3.9	1.3	7	EASTERN NEW GUINEA REG., P.N.G.	
07	09 45 19.0	49.853 N	18.473 E	10 G	0.6	8	CZECH AND SLOVAK REPUBLICS. ML 3.3 (CLL), 3.3 (WAR), 2.8 (BRA).	
07	09 46 08.1	40.430 N	21.882 E	10 G	0.7	8	GREECE	
07	09 48 45.4&	40.646 N	22.999 E	5 G	0.1	5	GREECE	
07	09 56 30.6?	39.59 N	29.55 E	10 G	0.5	5	TURKEY. ML 2.7 (ISK).	
07	09 57 24.4?	44.18 N	7.55 E	10 G	0.7	8	NORTHERN ITALY. ML 2.1 (LDG).	
07	10 42 13.8	44.975 N	6.718 E	13	0.8	17	FRANCE. ML 2.4 (GEN), 2.3 (LDG).	
07	10 44 09.3?	44.95 N	6.51 E	5 G	0.4	4	FRANCE. ML 2.0 (GEN).	
07	11 03 59.9	44.968 N	6.731 E	10 G	0.7	18	FRANCE. ML 2.7 (GEN), 2.4 (LDG).	
07	11 15 27.6*	3.881 S	139.663 E	10 G 4.5	1.2	7	IRIAN JAYA, INDONESIA	
07	11 39 32.8	42.023 N	19.198 E	10 G	1.0	12	NORTHWESTERN BALKAN REGION. ML 2.8 (TTG).	
07	11 50 15.1	2.445 S	139.900 E	17	5.1 4.5	61	NEAR NORTH COAST OF IRIAN JAYA	
07	12 00 32.5?	7.85 N	82.67 W	10 G	1.4	4	SOUTH OF PANAMA. MD 3.9 (UPA).	
07	12 07 22.7	40.197 N	27.076 E	12	0.6	22	TURKEY. ML 3.2 (ISK).	
07	12 13 30.3?	39.58 N	29.47 E	10 G	1.2	4	TURKEY. ML 2.8 (ISK).	
07	12 27 33.5	56.225 N	12.289 E	10 G	0.7	6	SWEDEN. ML 2.7 (NAO).	
07	12 28 05.2*	41.890 N	19.202 E	10 G	0.5	9	ALBANIA. ML 2.8 (TTG).	
07	13 03 48.1	33.303 S	71.352 W	33 N	0.6	9	NEAR COAST OF CENTRAL CHILE. MD 3.4 (SAN).	
07	13 17 23.5	30.733 N	51.331 E	38 * 4.8	1.0	48	NORTHERN IRAN. MD 4.8 (RYD). Felt in the Yasuj area.	
07	13 25 45.0*	40.900 N	23.853 E	10 G	0.3	5	GREECE	
07	13 36 16.9*	42.524 N	24.117 E	10 G	1.1	7	BULGARIA	
07	13 59 58.3	12.756 N	143.050 E	118 * 5.1	1.0	41	SOUTH OF MARIANA ISLANDS	
07	14 05 44.9*	46.568 N	15.046 E	10 G	1.3	5	NORTHWESTERN BALKAN REGION. ML 2.1 (VIE).	
07	14 21 58.1&	45.231 N	6.933 E	10 G	0.3	5	FRANCE. ML 1.6 (GEN).	
07	14 39 31.9	5.249 N	82.451 W	41 * 4.5	1.2	40	SOUTH OF PANAMA. MD 4.5 (UPA).	
07	15 18 52.9	45.979 N	14.238 E	10 G	0.8	7	NORTHWESTERN BALKAN REGION. MD 2.7 (LJU), 2.2 (TRI).	
07	16 12 41.7&	60.210 N	140.948 W	10 G		20	SOUTHEASTERN ALASKA. <PGC-P>. ML 2.6 (PGC), 2.6 (AEIC).	
a 07	16 27 25.5	0.730 N	122.702 E	78 D 5.6	1.1	187	MINAHASSA PENINSULA, SULAWESI. Mw 5.6 (HRV).	
07	16 43 52.9	39.296 N	26.108 E	10 G	1.0	8	TURKEY. ML 3.2 (ISK).	
07	17 13 04.4?	34.04 S	72.28 W	10 G	0.5	8	NEAR COAST OF CENTRAL CHILE. MD 3.5 (SAN).	
07	17 15 18.5?	34.02 S	72.18 W	11	0.5	9	NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).	
07	17 29 12.4	7.201 N	126.678 E	84 * 4.6	1.1	33	MINDANAO, PHILIPPINE ISLANDS	
07	17 53 35.3	20.835 S	178.943 W	618 D 4.8	1.0	76	FIJI ISLANDS REGION	
07	17 56 16.3	40.495 N	23.663 E	10 G	0.4	9	GREECE	
07	19 16 19.3	37.711 N	137.409 E	23	4.7	1.0	71	NEAR WEST COAST OF HONSHU, JAPAN
07	19 30 54.1?	33.80 S	71.60 W	10 G	0.6	9	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).	
07	20 07 27.7&	34.140 N	116.971 W	12		6	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).	
07	20 29 38.0	46.591 S	95.283 E	10 G	1.1	10	SOUTHEAST INDIAN RIDGE	
07	22 14 18.8*	17.430 S	167.873 E	33 N 4.3	0.8	10	VANUATU ISLANDS	
07	23 55 54.3?	0.84 S	136.81 E	33 N 4.4	0.5	6	IRIAN JAYA REGION, INDONESIA	
08	00 22 14.7	21.449 S	174.647 W	78 * 5.1	1.1	55	TONGA ISLANDS	
08	00 23 36.7&	58.869 N	152.108 W	60		43	KODIAK ISLAND REGION. <AEIC>. ML 2.9 (AEIC).	
08	00 24 18.2	39.840 N	25.392 E	25	0.6	19	AEGEAN SEA. MD 3.4 (ATH).	
08	00 58 29.8	40.318 N	24.051 E	10 G	0.4	7	AEGEAN SEA	
08	01 05 44.1	42.636 N	18.850 E	10 G	0.7	14	NORTHWESTERN BALKAN REGION. ML 3.1 (TIR), 2.6 (TTG).	
a 08	01 42 18.4	17.074 N	73.634 E	25 G 5.0 4.6	1.1	56	SOUTHERN INDIA. Mw 5.1 (HRV). About 500 houses damaged in southern Maharashtra. Felt in Goa, southern Maharashtra and northern Karnataka.	
a 08	02 21 02.7	12.544 S	166.634 E	40 D 5.6	1.0	118	SANTA CRUZ ISLANDS. Mw 5.4 (HRV).	
08	02 49 38.9&	32.357 N	115.354 W	6 G		34	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.9 (PAS).	
08	02 52 23.4	4.583 S	77.275 W	135 D 4.9	0.9	121	NORTHERN PERU. Felt (II) at Moyobamba.	
08	03 02 50.1&	32.359 N	115.356 W	6 G		28	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.2 (PAS), 3.2 (GS).	
08	03 06 17.3&	32.304 N	115.359 W	6 G		5	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.2 (PAS), 2.9 (GS).	
08	03 10 14.3&	32.341 N	115.348 W	6 G		4	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.0 (PAS).	

08	03	13	31.2	24.155	S	66.662	W	195	*	4.3	1.2	19	SALTA PROVINCE, ARGENTINA
08	03	17	09.9	32.328	N	115.361	W	6	G			10	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 2.9 (PAS).
08	03	25	56.2	32.352	N	115.346	W	6	G			15	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.0 (PAS).
08	04	31	30.1	32.326	N	115.348	W	6	G			5	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.0 (PAS), 3.0 (GS). Double event.
08	05	00	30.2	32.342	N	115.360	W	6	G			4	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.0 (PAS).
08	07	46	09.6	18.26	S	69.49	W	158	*		0.2	7	NORTHERN CHILE
08	08	05	59.4	6.36	S	146.96	E	108	*	4.1	0.7	6	EASTERN NEW GUINEA REG., P.N.G.
08	08	10	49.7	41.923	N	19.227	E	10	G		0.5	9	ALBANIA. ML 1.9 (TTG).
08	08	12	27.0	14.998	N	60.094	W	10	G		0.8	11	WINDWARD ISLANDS. ML 2.7 (FDF). MD 3.1 (TRN).
08	08	47	30.1	32.336	N	115.357	W	6	G			9	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.3 (PAS), 3.1 (GS).
08	09	06	28.8	35.009	N	116.966	W	2				48	CENTRAL CALIFORNIA. <PAS-P>. ML 3.7 (PAS), 3.8 (GS).
08	09	07	04.0	42.618	N	18.874	E	10	G		0.6	11	NORTHWESTERN BALKAN REGION. ML 2.6 (TTG).
08	09	43	32.1	40.04	N	21.41	E	33	N		1.4	4	GREECE
08	09	46	14.5	52.015	N	158.851	E	33	N	4.9	1.0	50	NEAR EAST COAST OF KAMCHATKA
08	09	47	52.7	32.340	N	115.351	W	6	G			22	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 2.8 (PAS).
08	09	49	03.0	42.611	N	18.860	E	10	G		0.5	11	NORTHWESTERN BALKAN REGION. ML 2.4 (TTG).
08	10	30	42.3	32.330	N	115.249	W	6	G			18	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 2.8 (PAS).
08	11	12	30.7	45.61	N	4.90	E	10	G		0.5	6	FRANCE
08	11	20	58.0	40.366	N	23.835	E	10	G		0.6	7	GREECE
08	12	03	05.5	45.984	N	14.311	E	10	G		0.7	5	NORTHWESTERN BALKAN REGION. MD 2.3 (LJU).
08	12	57	07.9	45.279	N	14.160	E	10	G		1.3	6	NORTHWESTERN BALKAN REGION. ML 2.6 (VIE). MD 2.2 (TRI).
08	13	09	47.8	34.987	N	116.948	W	6				8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS).
08	13	10	37.4	38.61	N	23.74	E	10	G		0.7	4	GREECE
08	13	39	48.9	43.996	N	16.937	E	10			1.0	17	NORTHWESTERN BALKAN REGION. ML 3.2 (TTG), 2.6 (LJU). MD 3.3 (TRI).
08	14	45	28.6	31.160	S	68.685	W	91	?		0.3	6	SAN JUAN PROVINCE, ARGENTINA
08	15	12	36.4	40.148	N	119.722	W	5	G		1.2	7	NEVADA. ML 2.9 (GS). MD 2.8 (GM).
08	16	16	39.9	28.90	S	178.69	W	199	*	4.6	0.7	11	KERMADEC ISLANDS REGION
08	17	38	53.3	20.721	S	178.760	W	594	*	4.7	0.8	26	FIJI ISLANDS REGION
08	18	05	46.6	17.474	N	145.492	E	460		4.5	0.7	17	MARIANA ISLANDS
08	18	25	40.8	40.166	N	119.569	W	5	G		0.7	33	NEVADA. ML 3.4 (GS). MD 3.1 (GM).
08	19	42	24.8	31.30	S	68.55	W	101	?		0.4	7	SAN JUAN PROVINCE, ARGENTINA
08	19	43	45.4	1.83	S	133.06	E	33	N	4.4	0.3	5	IRIAN JAYA REGION, INDONESIA
08	20	02	58.7	32.344	N	115.350	W	6	G			4	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 2.8 (PAS).
08	20	52	54.4	8.792	S	110.373	E	97	*	4.8	1.2	24	JAWA, INDONESIA
08	23	37	13.3	6.530	S	129.979	E	99	*	5.2	1.0	42	BANDA SEA
08	23	48	13.2	61.692	N	151.233	W	74				58	SOUTHERN ALASKA. <AEIC>.
09	00	04	39.4	30.342	S	68.586	W	33	N		0.5	6	SAN JUAN PROVINCE, ARGENTINA
09	00	07	00.6	32.360	N	115.348	W	6	G			30	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.6 (PAS), 3.2 (GS). Double event.
09	00	11	08.3	8.10	S	148.59	E	144	?	4.4	1.5	6	EASTERN NEW GUINEA REG., P.N.G.
09	00	25	03.5	41.885	N	19.239	E	5	G		0.4	8	ALBANIA. ML 1.8 (TTG).
09	01	19	05.9	5.51	S	147.00	E	216	*		0.8	9	EASTERN NEW GUINEA REG., P.N.G.
09	04	17	40.9	56.966	N	145.902	W	10	G		0.6	69	GULF OF ALASKA. ML 3.6 (AEIC).
09	04	18	10.1	32.368	N	115.356	W	6	G			25	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.1 (PAS).
f 09	04	32	19.5	0.486	N	125.995	E	15	G	6.5 6.7	1.2	493	NORTHERN MOLUCCA SEA. Mw 6.8 (GS), 6.9 (HRV). Ms 6.7 (BRK). Mo=4.5*10**19 Nm (PPT). Felt (IV) at Manado and Ternate, Indonesia. Depth from broadband displacement seismograms.
09	04	56	35.5	53.059	N	158.299	E	58		5.2	0.7	91	NEAR EAST COAST OF KAMCHATKA
09	05	13	53.6	0.45	N	125.65	E	33	N	4.7	1.5	5	NORTHERN MOLUCCA SEA
09	05	33	11.8	0.390	N	125.914	E	33	N	5.0	0.9	10	NORTHERN MOLUCCA SEA
09	05	41	23.3	0.288	N	125.545	E	33	N	4.6	1.0	8	NORTHERN MOLUCCA SEA
09	08	27	16.5	0.480	N	125.841	E	39	*	5.1	1.1	23	NORTHERN MOLUCCA SEA
09	09	05	49.3	40.495	N	21.859	E	10	G		1.1	7	GREECE
09	09	11	33.7	32.356	N	115.350	W	6	G			5	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 2.9 (PAS).
09	09	23	05.0	61.969	N	146.945	W	42				62	SOUTHERN ALASKA. <AEIC>. ML 3.0 (AEIC), 3.1 (PMR).
09	09	33	49.6	45.586	N	14.414	E	10	G		1.4	17	NORTHWESTERN BALKAN REGION. ML 3.4 (VIE). MD 3.7 (LJU), 3.1 (TRI). Felt (IV) at Zabice, Slovenia.
09	09	35	44.1	0.215	N	125.743	E	33	N	4.8	1.2	10	NORTHERN MOLUCCA SEA
09	09	47	51.6	45.535	N	14.335	E	10	G		1.0	6	NORTHWESTERN BALKAN REGION. MD 2.5 (LJU), 2.3 (TRI).
09	09	54	58.4	40.132	N	119.613	W	5	G		0.9	33	NEVADA. ML 3.3 (GS), 3.1 (BRK). MD 3.3 (GM).
09	10	22	57.2	0.71	S	133.12	E	10	G	4.6	0.5	5	IRIAN JAYA REGION, INDONESIA
09	10	24	14.3	40.428	N	21.765	E	10	G		0.2	7	GREECE
09	10	35	55.2	50.258	N	18.909	E	10	G	4.4	1.0	16	POLAND. ML 4.4 (WAR), 3.8 (CLL).
09	10	45	42.3	45.541	N	14.308	E	10	G		0.9	8	NORTHWESTERN BALKAN REGION. MD 2.7 (LJU), 2.4 (TRI).
09	11	15	03.0	40.731	N	29.801	E	10	G		0.9	20	TURKEY. MG 3.6 (DDA).
09	11	34	37.1	0.279	N	125.740	E	33	N	5.0	1.2	21	NORTHERN MOLUCCA SEA
f 09	11	38	27.9	0.425	N	125.891	E	16	G	6.3 6.4	1.2	362	NORTHERN MOLUCCA SEA. Mw 6.6 (GS), 6.8 (HRV). Ms 6.3 (BRK). Mo=2.2*10**19 Nm (PPT). Felt (III) at Manado and (II) at Ternate, Indonesia. Depth from broadband displacement seismograms.
09	11	44	01.0	0.130	N	125.638	E	33	N	4.8	1.1	12	NORTHERN MOLUCCA SEA. Felt (III) at Manado, Indonesia.
09	11	50	54.6	0.314	N	125.821	E	49	*	5.0	1.1	38	NORTHERN MOLUCCA SEA
09	11	59	28.7	0.344	N	125.835	E	42	*	4.9	1.2	21	NORTHERN MOLUCCA SEA
09	12	05	24.7	0.315	N	125.739	E	33	N	5.0	0.7	28	NORTHERN MOLUCCA SEA
09	12	07	36.6	0.380	N	125.896	E	34	*	5.2	1.2	25	NORTHERN MOLUCCA SEA
09	12	40	30.3	0.354	N	125.764	E	33	N	5.0	1.0	48	NORTHERN MOLUCCA SEA
09	12	52	24.1	45.515	N	14.430	E	33	*		0.3	6	NORTHWESTERN BALKAN REGION. MD 2.4 (LJU), 2.0 (TRI).
09	13	31	08.7	0.423	N	126.128	E	85	*	5.0	1.2	17	NORTHERN MOLUCCA SEA
09	13	59	24.6	36.234	N	120.426	W	10				10	CENTRAL CALIFORNIA. <GM-P>. MD 2.3 (GM). ML 2.5 (PAS).
09	14	06	58.4	0.260	N	125.776	E	54	?	4.7	1.4	15	NORTHERN MOLUCCA SEA
09	14	08	17.8	41.91	N	24.73	E	10	G		1.0	7	GREECE-BULGARIA BORDER REGION

09	14	11	53.1	0.273	N	125.718	E	35	D	5.1	1.0	29	NORTHERN MOLUCCA SEA	
09	14	46	59.7	28.128	S	71.066	W	60	D	5.0	1.1	71	NEAR COAST OF CENTRAL CHILE. Felt (IV) at Copiapo; (III) at Tierra Amarilla and Vallenar.	
09	16	41	08.6	44.442	N	10.000	E	31			1.0	28	NORTHERN ITALY. ML 2.8 (LDG), 2.6 (GEN), 2.6 (STR).	
09	18	16	52.2	45.746	N	10.142	E	19		3.7	1.1	111	NORTHERN ITALY. ML 4.3 (GRF), 4.0 (FUR), 4.0 (LDG), 3.8 (VIE). MD 3.9 (FIR), 3.7 (ROM), 3.7 (TRI).	
09	18	26	18.2	25.955	N	96.504	E	33	N	4.7	1.4	56	MYANMAR	
09	18	28	32.2*	7.388	S	129.324	E	33	N		1.2	6	BANDA SEA	
09	18	30	10.0*	0.534	N	126.082	E	33	N	5.0 4.8	0.9	12	NORTHERN MOLUCCA SEA	
09	18	59	17.0	0.311	N	125.736	E	33	N	4.8	1.0	16	NORTHERN MOLUCCA SEA	
09	19	03	48.2*	39.191	N	22.832	E	5	G		0.8	6	GREECE	
09	19	14	24.9*	26.087	S	178.348	E	634	*	5.0	1.0	28	SOUTH OF FIJI ISLANDS	
09	19	28	12.3	34.050	N	4.882	W	5	G		1.3	29	MOROCCO. MD 4.1 (RBA).	
09	20	46	33.6*	31.494	S	68.102	W	33	N		1.3	5	SAN JUAN PROVINCE, ARGENTINA	
09	21	44	51.3*	45.672	N	0.978	E	10	G		0.8	9	FRANCE. ML 2.5 (LDG).	
09	22	09	04.5*	32.365	N	115.337	W	6	G			5	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.0 (PAS).	
09	22	12	38.6*	41.203	N	22.458	E	10	G		0.4	7	NORTHWESTERN BALKAN REGION	
10	00	26	09.3*	47.419	N	11.841	E	10	G		0.4	6	AUSTRIA. ML 1.8 (VIE).	
10	00	27	17.9	37.072	N	117.848	W	5	G		1.0	38	CALIFORNIA-NEVADA BORDER REGION. ML 3.5 (GS), 3.8 (BRK).	
10	01	27	57.2?	10.12	N	63.53	W	32	?	3.4	1.4	5	NEAR COAST OF VENEZUELA. MD 3.3 (TRN).	
10	01	52	55.7	10.436	S	162.169	E	53	*	5.1	0.8	23	SOLOMON ISLANDS	
10	02	16	06.9	38.331	N	25.020	E	10	G		0.6	10	AEGEAN SEA. ML 3.3 (ATH).	
10	03	50	47.2?	36.19	N	4.34	W	10	G		1.0	5	STRAIT OF GIBRALTAR. mbLg 2.5 (MDD).	
10	03	58	45.0*	0.457	N	125.761	E	29	D	4.9	1.4	27	NORTHERN MOLUCCA SEA	
10	04	14	21.9?	39.49	N	24.17	E	10	G		1.3	4	AEGEAN SEA	
10	04	55	35.3?	5.09	S	149.91	E	405		4.6	0.9	10	NEW BRITAIN REGION, P.N.G.	
10	05	11	48.0	43.078	N	0.631	W	10	G		0.3	11	PYRENEES. ML 1.0 (STR).	
a	10	06	31	54.1	22.180	S	179.575	W	605	D	5.6	1.0	242	SOUTH OF FIJI ISLANDS. Mw 5.7 (HRV).
10	07	33	41.2	0.222	N	125.594	E	26	D	5.0	0.6	17	NORTHERN MOLUCCA SEA	
10	08	31	33.9	19.880	N	63.469	W	30	*	4.3	1.2	19	LEEWARD ISLANDS. MD 4.5 (TRN).	
f	10	08	59	35.8	20.912	N	121.282	E	12	G	5.8 5.8	0.9	355	PHILIPPINE ISLANDS REGION. Mw 6.1 (GS), 6.0 (HRV). Ms 5.5 (BRK). Mo=2.7*10**18 Nm (PPT). Depth from broadband displacement seismograms.
10	09	22	32.0	40.410	N	21.793	E	10	G		0.6	7	GREECE	
10	10	04	36.4*	51.182	N	15.877	E	10	G		0.4	5	POLAND. ML 2.6 (CLL).	
10	10	06	08.9*	35.648	N	117.637	W	5				12	CENTRAL CALIFORNIA. <PAS-P>. ML 2.9 (PAS).	
10	10	10	10.5*	34.018	N	117.108	W	8				33	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.3 (GS).	
10	11	13	52.8	20.804	N	121.240	E	33	N	4.5 4.1	1.2	31	PHILIPPINE ISLANDS REGION	
10	11	38	04.9?	37.01	N	4.22	W	5	G		0.1	4	SPAIN. mbLg 2.5 (MDD).	
10	11	52	15.8	19.664	S	178.150	W	616		5.0	1.1	105	FIJI ISLANDS REGION	
10	12	04	32.7*	36.993	N	4.232	W	10	G		0.7	9	STRAIT OF GIBRALTAR. mbLg 2.7 (MDD).	
10	12	44	24.5*	37.608	S	176.922	E	10	G		0.8	12	NORTH ISLAND, NEW ZEALAND. ML 3.9 (WEL).	
10	12	51	21.2	50.798	N	6.712	E	10	G		0.5	8	GERMANY. ML 2.2 (KOE), 2.1 (BNS).	
10	13	10	47.8*	0.411	N	125.796	E	33	N	4.8	1.3	21	NORTHERN MOLUCCA SEA	
10	13	16	12.4?	42.47	N	24.07	E	10	G		1.5	8	BULGARIA	
10	13	37	56.2*	5.849	S	146.120	E	33	N		0.7	5	EASTERN NEW GUINEA REG., P.N.G.	
10	14	32	24.3*	45.365	N	13.927	E	10	G		0.8	5	NORTHERN ITALY. ML 2.2 (VIE). MD 2.6 (LJU).	
10	14	42	52.3	7.000	N	76.648	W	33	N	4.3	1.3	21	NORTHERN COLOMBIA	
10	14	55	05.3	57.594	N	155.923	W	124		3.7	1.0	78	ALASKA PENINSULA	
10	15	06	37.1*	35.648	N	117.638	W	6				19	CENTRAL CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 2.9 (GS). Felt at Ridgecrest.	
10	15	08	12.0*	0.317	N	125.865	E	33	N	4.7 4.3	1.0	19	NORTHERN MOLUCCA SEA	
10	17	04	24.5*	41.912	N	19.227	E	10	G		0.6	9	ALBANIA. ML 1.8 (TTG).	
10	17	17	17.5*	37.292	N	2.336	W	10	G		0.6	5	SPAIN. mbLg 2.5 (MDD).	
10	18	44	25.6	0.411	N	125.916	E	33	N	4.9	1.1	24	NORTHERN MOLUCCA SEA	
10	19	45	17.1*	42.278	N	122.019	W	7				27	OREGON. <SEA-P>. MD 2.8 (SEA).	
10	20	26	04.3	31.988	S	70.998	W	70	G		0.6	13	CHILE-ARGENTINA BORDER REGION. MD 3.8 (SAN).	
10	20	36	45.8?	34.58	S	70.90	W	90	G		0.3	6	CHILE-ARGENTINA BORDER REGION	
10	21	16	26.2*	0.422	N	125.581	E	74	?	4.7	1.1	18	NORTHERN MOLUCCA SEA	
10	21	18	29.4*	34.135	S	70.744	W	80	G		0.3	8	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).	
10	22	21	16.6	0.517	N	125.863	E	28	D	5.3	1.0	85	NORTHERN MOLUCCA SEA	
10	22	40	31.5*	39.823	N	20.618	E	10	G		0.6	5	GREECE-ALBANIA BORDER REGION	
10	23	01	13.5*	39.189	N	20.323	E	10	G		1.1	5	GREECE-ALBANIA BORDER REGION	
10	23	17	37.0	51.951	N	158.809	E	25	D	4.8	0.7	38	NEAR EAST COAST OF KAMCHATKA	
11	00	01	30.7	41.931	N	142.388	E	73	D	5.0	1.0	132	HOKKAIDO, JAPAN REGION. Felt (III JMA) at Urakawa; (II JMA) at Hiroo and Tomakomai, Hokkaido. Also felt (II JMA) at Mutsu, Honshu.	
11	00	07	20.8	59.538	N	152.411	W	88		4.8	0.7	148	SOUTHERN ALASKA. Felt (III) at Anchor Point, Homer and Port Graham.	
11	00	18	28.2	35.812	N	5.151	W	92	*		0.8	21	STRAIT OF GIBRALTAR. MD 3.0 (RBA).	
11	00	33	34.1*	37.021	N	4.255	W	10	G		0.9	13	SPAIN. mbLg 2.8 (MDD).	
11	01	18	53.2*	63.131	N	150.682	W	122				58	CENTRAL ALASKA. <AEIC>.	
11	01	26	54.7?	5.63	S	146.36	E	33	N	3.9	0.1	4	EASTERN NEW GUINEA REG., P.N.G.	
11	01	32	17.6*	5.900	S	146.030	E	33	N	4.4	0.8	5	EASTERN NEW GUINEA REG., P.N.G.	
11	01	40	57.4*	37.054	N	4.173	W	10	G		1.4	11	SPAIN. mbLg 2.7 (MDD).	
11	01	59	15.4?	37.01	N	4.33	W	10	G		1.6	4	SPAIN. mbLg 2.5 (MDD).	
11	01	59	44.0	2.378	N	128.378	E	23	D	4.7	0.9	26	HALMAHERA, INDONESIA	
11	02	09	50.6*	45.719	N	26.664	E	147		3.6	0.9	24	ROMANIA	
11	02	51	08.1	38.079	N	0.705	W	10	G		0.7	18	SPAIN. mbLg 3.4 (MDD). Felt (IV) in the epicentral area.	
11	03	13	56.4?	0.58	N	126.05	E	80	?	4.9	1.1	9	NORTHERN MOLUCCA SEA	
11	03	50	22.4?	17.61	S	167.85	E	33	N	4.7	0.2	4	VANUATU ISLANDS	
11	04	26	49.3?	37.00	N	4.24	W	10	G		0.6	4	STRAIT OF GIBRALTAR. mbLg 2.6 (MDD).	
11	05	23	11.3*	64.035	N	145.667	W	17				30	CENTRAL ALASKA. <AEIC>. ML 3.5 (AEIC), 3.5 (PMR). Felt (V) at Delta Junction and Pump Station No. 9 of the Trans-Alaska Pipeline.	
11	06	44	10.9*	32.372	S	69.680	W	134	?		0.7	12	MENDOZA PROVINCE, ARGENTINA. MD 3.9 (SAN).	
11	07	06	48.1*	34.015	S	70.134	W	10	G		0.3	9	CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).	
11	08	39	48.7*	33.465	S	70.186	W	10	G		0.7	10	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).	
11	08	47	25.2	6.520	N	126.900	E	28	D	5.0 4.8	1.3	94	MINDANAO, PHILIPPINE ISLANDS. Felt (II RF) at Bislig.	
11	09	10	48.1*	33.480	S	69.968	W	10	G		0.2	8	CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).	

11	09	26	27.1?	8.40	S	120.20	E	162 ?	4.3	0.2	5	FLORES REGION, INDONESIA	
11	09	48	33.4%	40.673	N	22.974	E	5	G	0.6	5	GREECE. ML 1.5 (THE).	
11	10	09	18.4%	40.423	N	23.312	E	5	G	0.5	5	GREECE. ML 1.9 (THE).	
11	10	19	22.2	44.048	N	7.682	E	10	G	0.8	19	NORTHERN ITALY. ML 2.5 (LDG), 2.2 (GEN).	
11	11	25	37.7%	42.930	N	18.733	E	10	G	0.3	8	NORTHWESTERN BALKAN REGION. ML 1.7 (TTG).	
11	11	49	55.9?	28.70	N	34.67	E	10	G	1.0	4	EGYPT	
11	12	00	10.6%	41.210	N	23.168	E	5	G	0.2	6	GREECE-BULGARIA BORDER REGION. ML 2.0 (THE).	
11	12	08	16.5	42.267	N	121.973	W	5	G	0.6	9	OREGON. MD 3.1 (GS).	
11	12	09	54.6*	33.091	S	68.183	W	10	G	0.6	14	MENDOZA PROVINCE, ARGENTINA. MD 4.3 (SAN).	
11	12	10	46.5*	36.348	N	21.448	E	33	N	3.8	1.2	18 SOUTHERN GREECE. MD 3.8 (ATH).	
11	12	23	11.6?	41.35	N	20.74	E	10	G	0.3	5	ALBANIA	
11	13	04	52.6	49.733	N	157.246	E	32	D	5.0	1.0	105 EAST OF KURIL ISLANDS. Felt (III) at Severo-Kurilsk and on Shumshu.	
11	13	50	57.1	44.035	N	7.673	E	10	G	0.8	61	NORTHERN ITALY. ML 3.6 (GEN), 3.4 (LDG), 2.9 (STR).	
11	13	51	39.4%	44.015	N	7.650	E	5	G	0.1	5	NORTHERN ITALY. ML 1.8 (GEN).	
11	14	12	30.1?	39.17	N	22.96	E	10	G	0.6	4	GREECE	
11	14	36	21.6?	5.88	S	146.13	E	33	N	4.4	0.2	4 EASTERN NEW GUINEA REG., P.N.G.	
11	14	45	39.9*	0.331	N	126.061	E	33	N	5.0	1.4	19 NORTHERN MOLUCCA SEA	
11	15	14	02.7?	31.68	S	117.04	E	10	G	0.3	4	WESTERN AUSTRALIA	
11	15	59	18.7%	36.159	N	118.030	W	8			32	CENTRAL CALIFORNIA. <GM-P>. MD 3.1 (GM). ML 2.8 (PAS).	
11	16	00	07.4?	19.82	S	175.88	W	300	G	4.7	1.5	23 TONGA ISLANDS	
11	16	34	29.7	39.166	N	141.852	E	110		4.0	0.9	21 EASTERN HONSHU, JAPAN	
11	17	20	22.2%	42.394	N	19.269	E	21	*		0.1	9 NORTHWESTERN BALKAN REGION. ML 2.2 (TTG).	
11	17	45	56.2%	43.017	N	18.734	E	10	G		0.4	9 NORTHWESTERN BALKAN REGION. ML 2.1 (TTG).	
11	17	53	15.2?	2.13	S	134.24	E	33	N	4.4	1.1	5 IRIAN JAYA REGION, INDONESIA	
11	18	03	46.6*	8.097	S	123.446	E	135 ?	4.9		0.8	25 FLORES REGION, INDONESIA	
11	18	04	56.7%	44.455	N	7.290	E	5	G		0.3	5 NORTHERN ITALY. ML 1.5 (GEN).	
11	18	29	51.4*	54.109	N	164.212	W	10	G	3.9	0.9	13 UNIMAK ISLAND REGION	
11	18	57	55.9%	32.370	N	115.348	W	6	G		5	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 2.7 (PAS).	
11	19	12	48.8?	33.84	S	72.48	W	33	N		0.4	11 OFF COAST OF CENTRAL CHILE. MD 4.4 (SAN).	
11	19	12	54.2%	37.645	N	118.863	W	4			9	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM).	
11	20	03	01.0	39.310	N	25.845	E	10	G		1.2	31 AEGEAN SEA. MD 3.9 (ATH).	
11	20	04	36.4*	51.254	N	15.839	E	10	G		1.7	7 POLAND. ML 2.3 (CLL).	
11	21	36	29.4	39.455	N	24.955	E	10	G		1.0	11 AEGEAN SEA. MD 3.2 (ATH).	
11	22	25	32.7*	7.643	N	36.128	W	10	G	4.3	4.7	1.2	10 CENTRAL MID-ATLANTIC RIDGE
11	23	17	05.7?	5.64	S	146.65	E	224		4.8	1.0	8 EASTERN NEW GUINEA REG., P.N.G.	
11	23	26	47.5*	38.765	N	142.838	E	15	D	4.6	4.4	1.5	28 NEAR EAST COAST OF HONSHU, JAPAN
11	23	32	24.5*	11.221	N	86.821	W	32	D	4.3	4.6	1.3	19 NEAR COAST OF NICARAGUA
11	23	47	30.1	21.935	S	176.415	W	164	D	5.3		1.2	70 FIJI ISLANDS REGION
11	23	48	50.5*	33.725	N	25.608	E	33	N	3.8		0.9	12 EASTERN MEDITERRANEAN SEA
11	23	57	54.2*	19.054	N	64.499	W	56	*	4.5		1.4	16 VIRGIN ISLANDS
12	00	48	11.1?	17.02	N	61.26	W	33	N			0.4	5 LEEWARD ISLANDS. ML 2.7 (FDF).
12	01	05	21.4?	33.73	S	71.90	W	33	N			0.4	10 NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).
12	01	26	48.3%	33.726	S	70.599	W	91	?			0.2	9 CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
12	01	50	01.0?	34.04	S	72.25	W	33	N			1.2	18 NEAR COAST OF CENTRAL CHILE. MD 4.6 (SAN).
12	02	27	24.2?	38.45	N	69.26	E	33	N	3.8		1.4	6 TAJIKISTAN
12	02	35	13.0*	7.276	S	155.723	E	33	N	4.7		0.8	16 SOLOMON ISLANDS
12	02	36	29.8?	34.15	S	72.41	W	33	N			0.6	13 NEAR COAST OF CENTRAL CHILE. MD 4.4 (SAN).
12	02	58	54.3	47.035	N	0.480	W	17				0.9	31 FRANCE. ML 3.8 (LDG), 3.5 (STR).
12	04	28	01.5	41.227	N	23.938	E	10	G			0.3	8 GREECE-BULGARIA BORDER REGION. ML 2.6 (THE).
12	04	28	03.5	19.744	S	174.412	W	33	N	5.2		1.0	44 TONGA ISLANDS
12	05	12	32.2	51.985	N	158.713	E	33	N	4.9	5.2	0.9	54 NEAR EAST COAST OF KAMCHATKA
12	05	13	53.1%	40.642	N	23.032	E	5	G			0.4	7 GREECE. ML 2.1 (THE).
a 12	05	15	24.5	13.693	N	123.035	E	22	D	5.0	5.3	1.3	101 LUZON, PHILIPPINE ISLANDS. Mw 5.6 (HRV). Felt (III RF) in the epicentral area.
12	05	32	47.5%	16.643	N	61.484	W	33	N			0.1	6 LEEWARD ISLANDS. ML 2.7 (FDF).
12	05	34	11.2*	33.956	S	70.341	W	10	G			0.8	11 CHILE-ARGENTINA BORDER REGION. MD 4.0 (SAN).
12	05	55	15.3*	53.460	N	163.242	W	33	N	4.7		1.3	38 UNIMAK ISLAND REGION. ML 4.4 (PMR).
12	08	13	50.3%	13.536	N	122.924	E	33	N			1.2	5 LUZON, PHILIPPINE ISLANDS
12	08	17	14.5?	8.43	N	77.84	W	33	N	4.0		1.2	8 PANAMA-COLOMBIA BORDER REGION
12	08	47	03.4?	37.11	N	4.07	W	10	G			0.1	4 SPAIN. mbLg 2.4 (MDD).
12	08	59	14.4?	13.37	N	122.60	E	33	N			1.5	4 LUZON, PHILIPPINE ISLANDS
12	09	01	58.5%	60.912	N	146.465	W	15		2.8		70	SOUTHERN ALASKA. <AEIC>. ML 2.9 (AEIC).
12	09	25	17.5	49.134	N	6.865	E	10	G			1.0	17 GERMANY. ML 3.5 (GRF), 2.8 (STR).
12	11	12	57.5	37.037	N	117.884	W	5	G			0.7	27 CALIFORNIA-NEVADA BORDER REGION. ML 3.0 (GS).
12	11	36	51.0%	34.186	S	70.937	W	80	G			0.2	9 CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
12	11	39	57.3%	60.009	N	152.088	W	64				45	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
12	12	17	54.6	0.684	N	100.344	E	217	*	4.6		0.7	19 NORTHERN SUMATERA, INDONESIA
12	12	18	42.0%	44.783	N	7.558	E	33	N			0.4	8 NORTHERN ITALY. ML 2.3 (GEN).
12	12	52	59.0%	60.082	N	153.025	W	114				81	SOUTHERN ALASKA. <AEIC>.
12	12	54	40.9	32.390	N	87.221	E	33	N	4.8	4.4	1.1	57 XIZANG
12	12	56	07.8	37.028	N	117.808	W	5	G			1.0	37 CALIFORNIA-NEVADA BORDER REGION. ML 3.1 (GS).
12	13	58	24.5?	21.04	S	70.82	W	33	N	4.4		1.1	11 NEAR COAST OF NORTHERN CHILE
12	14	04	08.6*	52.263	N	158.641	E	33	N	4.9		1.1	65 NEAR EAST COAST OF KAMCHATKA
12	14	19	21.7*	29.386	S	176.862	W	38	D	5.3	5.1	1.3	39 KERMADEC ISLANDS REGION
12	14	39	02.4*	14.194	N	92.836	W	33	N	4.8	4.4	1.3	20 NEAR COAST OF CHIAPAS, MEXICO
12	14	59	23.6%	13.693	N	123.063	E	33	N			1.7	5 LUZON, PHILIPPINE ISLANDS
12	15	18	42.2?	30.51	S	176.44	W	33	N	4.8		1.7	10 KERMADEC ISLANDS REGION
12	15	33	34.0*	4.152	S	135.007	E	33	N	4.9	4.4	1.3	29 IRIAN JAYA REGION, INDONESIA
12	15	43	04.3*	37.299	N	138.259	E	196	*	4.5		0.4	12 NEAR WEST COAST OF HONSHU, JAPAN
12	16	10	05.4*	33.675	N	71.753	E	33	N	4.0		1.4	10 PAKISTAN
f 12	17	03	19.3	0.317	N	125.939	E	23	D	5.8	5.5	1.1	247 NORTHERN MOLUCCA SEA. Mw 5.9 (GS), 5.9 (HRV). Mo=4.7*10**17 Nm (PPT).
12	17	13	32.4%	61.111	N	151.441	W	61				70	SOUTHERN ALASKA. <AEIC>. ML 3.1 (AEIC), 2.7 (PMR).
12	17	17	28.6?	44.03	N	7.66	E	5	G			0.3	4 NORTHERN ITALY. ML 1.5 (GEN).
12	17	21	26.2	41.514	N	28.823	E	28	D	4.8		1.0	107 TURKEY. ML 4.5 (ISK). Felt at Istanbul and Marmara.
a 12	18	26	28.6	0.344	N	125.925	E	33	N	5.6	5.5	1.0	193 NORTHERN MOLUCCA SEA. Mw 5.9 (HRV).
12	18	30	37.2?	41.49	N	8.43	W	10	G			0.6	4 PORTUGAL. mbLg 2.8 (MDD).
12	18	43	27.4	36.710	N	5.052	W	10	G			1.0	10 STRAIT OF GIBRALTAR. mbLg 2.8 (MDD).
12	19	17	31.5*	0.071	N	125.744	E	33	N	4.8		1.3	22 NORTHERN MOLUCCA SEA
12	19	40	13.1?	38.57	N	22.08	E	33	N	3.8		0.7	23 GREECE
a 12	20	41	30.0	36.445	N	140.962	E	43	D	5.4	4.9	1.2	173 NEAR EAST COAST OF HONSHU, JAPAN. Mw 5.3 (HRV).

12	20 43 05.4	60.008 N	152.618 W	96					47	SOUTHERN ALASKA. <AEIC>.
12	21 16 37.0*	6.165 S	145.197 E	33 N	4.4	0.7			8	NEW GUINEA, PAPUA NEW GUINEA
12	22 35 50.6	28.148 S	67.600 W	100 G		0.4			8	LA RIOJA PROVINCE, ARGENTINA
12	23 00 15.5	32.444 N	115.329 W	6 G					4	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 2.8 (PAS).
12	23 16 41.1	46.259 N	13.089 E	10 G		0.8			13	AUSTRIA. MD 3.0 (LJU), 2.4 (TRI). ML 2.4 (VIE).
12	23 34 18.0	27.263 N	92.076 E	33 N	4.9	0.8			75	EASTERN XIZANG-INDIA BORDER REG. Felt in the Gauhati area, India.
13	00 10 34.8	30.798 S	68.943 W	100 G		0.4			6	SAN JUAN PROVINCE, ARGENTINA
13	00 49 56.1?	12.66 N	88.34 W	33 N	4.2	1.0			13	OFF COAST OF CENTRAL AMERICA
13	01 12 33.6?	3.57 N	96.59 E	128 ?	4.5	1.2			12	NORTHERN SUMATERA, INDONESIA
13	02 09 38.2	31.293 S	68.616 W	100 G		0.7			6	SAN JUAN PROVINCE, ARGENTINA
13	02 49 38.0*	5.850 S	146.708 E	33 N	4.5	1.4			10	EASTERN NEW GUINEA REG., P.N.G.
13	03 59 32.6*	37.165 N	71.390 E	33 N	4.3	1.3			14	AFGHANISTAN-TAJIKISTAN BORD REG.
13	05 12 19.8	41.181 N	125.427 W	24					8	OFF COAST OF NORTHERN CALIFORNIA. <GM-P>. MD 3.1 (GM). ML 3.0 (GS).
13	06 30 08.8	63.019 N	150.988 W	124					53	CENTRAL ALASKA. <AEIC>.
13	08 03 10.7	31.847 S	67.343 W	100 G		0.3			6	SAN JUAN PROVINCE, ARGENTINA
13	08 46 44.9*	9.914 N	126.525 E	33 N	4.8	1.2			26	MINDANAO, PHILIPPINE ISLANDS
13	08 46 56.0	57.072 N	158.036 E	33 N	4.7 4.9	1.2			41	KAMCHATKA
13	08 59 49.3*	55.133 N	4.576 E	10 G		0.7			34	NORTH SEA. ML 3.4 (BGS).
13	09 24 17.7*	9.803 N	126.460 E	33 N	4.7	1.5			12	MINDANAO, PHILIPPINE ISLANDS
13	09 47 57.0	42.942 N	20.312 E	11		0.5			9	NORTHWESTERN BALKAN REGION. ML 1.9 (TTG).
13	11 34 43.7?	9.86 N	126.46 E	33 N		0.3			4	MINDANAO, PHILIPPINE ISLANDS
a 13	11 43 44.2	20.422 S	173.839 W	33 N	5.8 5.9	1.1			242	TONGA ISLANDS. Mw 5.8 (HRV). Ms 6.0 (BRK). Mo=1.5*10**18 Nm (PPT).
13	11 47 53.1	5.545 S	151.779 E	70	5.0	0.9			24	NEW BRITAIN REGION, P.N.G.
13	14 00 57.0	34.307 N	117.010 W	6					8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS). Felt.
13	14 51 03.0	42.333 N	105.499 W	5 G	3.2	0.8			13	WYOMING. ML 3.5 (GS).
a 13	16 27 47.6	0.483 N	126.100 E	33 N	5.1 4.8	1.1			57	NORTHERN MOLUCCA SEA. Mw 5.4 (HRV).
a 13	16 34 35.2	5.530 N	82.497 W	33 N	4.7 5.2	1.4			46	SOUTH OF PANAMA. Mw 5.7 (HRV). MD 4.6 (UPA).
13	16 44 10.4	42.275 N	121.932 W	7		10			10	OREGON. <SEA-P>. MD 2.6 (SEA).
13	17 04 50.1?	31.69 S	69.20 W	130 G		0.2			4	SAN JUAN PROVINCE, ARGENTINA
13	17 13 40.8	0.491 N	126.292 E	16 D	5.1 4.5	1.3			51	NORTHERN MOLUCCA SEA
13	17 35 43.7	15.762 N	60.640 W	33 N		0.2			9	LEEWARD ISLANDS. ML 2.7 (FDF).
13	18 39 29.9?	33.01 S	72.15 W	10 G		0.4			9	OFF COAST OF CENTRAL CHILE. MD 3.8 (SAN).
13	18 51 23.7	33.388 S	71.819 W	33 N		0.5			9	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
13	18 59 04.6?	5.87 S	149.08 E	33 N	4.0	0.5			4	NEW BRITAIN REGION, P.N.G.
13	19 19 18.1*	43.105 N	16.656 E	5 G		0.6			10	NORTHWESTERN BALKAN REGION. ML 3.0 (TTG).
13	20 16 58.5*	30.141 S	66.215 W	33 N	4.3	1.1			15	LA RIOJA PROVINCE, ARGENTINA
13	20 54 09.1	37.649 N	118.821 W	2					26	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM). ML 2.6 (GS).
13	21 32 52.1*	45.081 N	16.484 E	10 G		1.4			7	NORTHWESTERN BALKAN REGION. MD 2.9 (TRI). ML 2.2 (LJU).
13	22 11 53.7	38.339 N	21.924 E	10 G		1.3			16	GREECE. ML 3.0 (THE). MD 3.0 (ATH).
13	22 20 58.6	36.761 N	31.984 E	10 G	3.7	1.3			19	TURKEY. ML 3.8 (CSS). Felt at Alanya.
13	22 25 41.2*	55.702 S	27.749 W	33 N	5.0	1.7			23	SOUTH SANDWICH ISLANDS REGION
13	22 28 20.3?	11.13 N	62.09 W	120 G		0.8			5	WINDWARD ISLANDS. MD 2.6 (TRN).
13	22 38 38.2*	40.277 N	25.416 E	10 G		0.8			12	AEGEAN SEA. ML 3.1 (THE).
13	22 46 53.1	37.647 N	118.822 W	3					9	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.7 (GM).
13	23 34 12.1	45.136 N	2.829 E	10 G		0.8			9	FRANCE. ML 2.0 (LDG).
13	23 36 23.5?	42.97 N	9.25 W	10 G		1.1			4	SPAIN. mbLg 3.2 (MDD).
13	23 57 06.3?	36.80 N	32.78 E	10 G		0.5			4	TURKEY. ML 3.5 (CSS). Felt at Alanya.
13	23 57 14.3	31.110 S	69.898 W	135 *		1.2			23	SAN JUAN PROVINCE, ARGENTINA. MD 4.4 (SAN).
14	01 00 36.3*	72.267 N	0.294 E	10 G	4.8 4.5	1.7			53	NORWEGIAN SEA
14	02 27 28.8?	39.72 N	25.37 E	10 G		0.5			5	AEGEAN SEA. ML 3.0 (THE).
14	02 27 44.3	28.489 N	86.844 E	33 N	4.6	1.2			16	XIZANG
14	02 29 58.3?	31.26 S	68.28 W	100 G		0.6			4	SAN JUAN PROVINCE, ARGENTINA
14	02 38 19.8*	16.625 N	120.519 E	106	4.5	1.2			32	LUZON, PHILIPPINE ISLANDS
14	03 07 07.5	45.069 N	6.550 E	10 G		0.6			41	FRANCE. ML 2.9 (LDG), 2.8 (GEN), 2.3 (STR).
14	03 11 01.8	60.776 N	151.005 W	50	2.5				54	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.7 (AEIC).
14	03 28 21.0?	15.77 N	98.87 W	33 N		1.1			6	OFF COAST OF GUERRERO, MEXICO
14	03 30 56.5	51.271 N	179.833 W	33 N	4.6	0.8			36	ANDREANOF ISLANDS, ALEUTIAN IS.
14	03 35 05.9*	20.626 S	176.639 W	265 *	4.7	1.3			49	FIJI ISLANDS REGION
14	03 53 44.1?	38.50 N	24.00 E	10 G		0.2			7	AEGEAN SEA
14	03 56 39.7*	6.752 N	72.779 W	184 *	4.4	1.7			14	NORTHERN COLOMBIA
14	04 04 26.6	37.652 N	118.886 W	5					24	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.7 (GM).
14	05 33 50.7	63.267 N	151.165 W	12					53	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
14	05 57 39.3?	11.74 N	62.03 W	100 G		0.3			6	WINDWARD ISLANDS. MD 3.0 (TRN).
14	06 07 16.1	9.314 S	79.012 W	64 D	5.1	1.0			71	OFF COAST OF NORTHERN PERU. Felt (IV) at Chimbote and Huarmey; (III) at Casma; (II) at Huaraz, Lima and Trujillo.
14	06 30 54.6?	37.01 N	3.80 W	10 G		0.5			4	SPAIN. mbLg 2.5 (MDD).
a 14	06 31 19.3*	20.704 S	173.451 W	31 D	5.5 6.1	1.1			120	TONGA ISLANDS. Mw 6.0 (HRV). Ms 6.1 (BRK). Mo=2.6*10**18 Nm (PPT).
14	06 32 43.0?	39.12 N	24.03 E	10 G		0.3			4	AEGEAN SEA
14	06 36 38.9?	31.02 S	67.99 W	80 G		1.2			4	SAN JUAN PROVINCE, ARGENTINA
14	06 47 45.4	20.778 S	173.491 W	37 D	5.2 5.7	1.1			58	TONGA ISLANDS
14	06 52 37.2	36.421 N	117.878 W	6 G					38	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 2.8 (PAS).
14	07 12 14.7	37.963 N	72.732 E	134 D	5.0	0.9			129	TAJIKISTAN
14	07 21 56.8	9.941 N	126.386 E	38 D	5.1 5.1	1.2			66	MINDANAO, PHILIPPINE ISLANDS
14	07 24 00.3?	30.12 S	177.70 W	33 N	4.7	0.7			4	KERMADEC ISLANDS, NEW ZEALAND. Felt on Raoul Island.
14	07 42 47.7*	5.773 S	146.352 E	33 N	4.4	1.2			7	EASTERN NEW GUINEA REG., P.N.G.
a 14	07 49 59.6	13.624 S	168.939 E	21 D	5.4 5.4	1.1			78	VANUATU ISLANDS. Mw 5.5 (HRV).
14	08 15 48.3	44.541 N	7.264 E	10 G		0.2			9	NORTHERN ITALY. ML 2.3 (GEN).
14	08 16 55.4	44.544 N	7.263 E	10 G		0.2			10	NORTHERN ITALY. ML 2.4 (GEN).
14	08 47 42.9	4.839 N	127.628 E	87 *	4.9	0.8			25	TALAUD ISLANDS, INDONESIA
14	09 50 34.0?	9.91 N	126.44 E	33 N		1.6			6	MINDANAO, PHILIPPINE ISLANDS
14	10 10 01.8*	1.773 N	97.089 E	33 N	4.8	0.9			16	NORTHERN SUMATERA, INDONESIA
14	10 12 01.0*	40.506 N	21.816 E	33 N		1.2			6	GREECE
14	11 00 23.4	43.910 N	7.176 E	10 G		0.8			12	NEAR SOUTH COAST OF FRANCE. ML 2.1 (LDG).
14	11 17 24.6?	31.74 S	69.53 W	130 G		0.3			6	SAN JUAN PROVINCE, ARGENTINA
14	11 27 03.4	43.832 N	7.293 E	10 G		0.4			6	NEAR SOUTH COAST OF FRANCE. ML 1.9 (LDG).
14	12 40 25.5	31.312 S	68.454 W	100 G		0.4			6	SAN JUAN PROVINCE, ARGENTINA

14	13	21	25.0*	23.359 S	179.509 E	587 ?	4.8	1.5	37	SOUTH OF FIJI ISLANDS
14	15	38	33.8?	37.35 N	20.93 E	33 N		1.6	9	IONIAN SEA. MD 3.5 (ATH).
14	17	26	56.1*	44.132 N	129.229 W	10 G	3.1	0.6	29	OFF COAST OF OREGON
14	17	27	11.3*	36.619 N	21.018 E	33 N	4.0	1.1	14	SOUTHERN GREECE. MD 3.7 (ATH).
14	17	34	23.9	44.255 N	12.140 E	10 G		1.1	16	NORTHERN ITALY. ML 3.0 (LDG). MD 2.8 (TRI).
14	18	04	44.2&	36.077 N	117.720 W	1			43	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 3.2 (PAS), 3.3 (GS).
14	18	19	55.1&	41.630 N	24.217 E	10 G		0.5	8	GREECE-BULGARIA BORDER REGION. ML 2.5 (THE).
14	19	31	20.1*	16.457 S	72.769 W	88 *	4.5	1.1	15	NEAR COAST OF PERU. Felt (III) at Arequipa.
14	19	42	48.6	37.547 N	141.346 E	67	4.9	1.2	51	NEAR EAST COAST OF HONSHU, JAPAN
14	20	09	36.5?	12.23 S	120.04 E	33 N	4.3	1.5	6	SOUTH OF SUMBA, INDONESIA
14	21	07	48.3	52.158 N	159.488 E	33 N	4.7	1.0	49	OFF EAST COAST OF KAMCHATKA
14	21	41	51.1*	0.504 N	126.271 E	33 N	4.9	1.2	17	NORTHERN MOLUCCA SEA
14	22	26	34.2&	63.425 N	151.157 W	9			50	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC).
14	23	45	30.7*	31.837 S	72.095 W	33 N		0.5	16	OFF COAST OF CENTRAL CHILE. MD 4.2 (SAN).
15	00	23	26.7	0.463 N	126.211 E	45 D	5.1 4.6	1.4	55	NORTHERN MOLUCCA SEA
15	01	02	50.2?	23.19 N	94.02 E	131 *	4.1	1.1	9	MYANMAR-INDIA BORDER REGION
15	01	36	56.8	49.154 N	6.820 E	10 G		0.8	14	GERMANY. ML 2.5 (STR).
15	01	43	55.8	49.137 N	6.888 E	10 G		1.0	17	GERMANY. ML 2.6 (STR).
15	02	09	57.6*	23.389 N	126.051 E	35 D	4.2	1.2	22	SOUTHEAST OF RYUKYU ISLANDS
15	02	58	36.2*	33.356 S	68.119 W	10 G		0.6	13	MENDOZA PROVINCE, ARGENTINA. MD 4.0 (SAN).
15	04	01	15.7*	9.846 N	126.494 E	33 N		0.9	5	MINDANAO, PHILIPPINE ISLANDS
15	04	43	30.6	17.888 S	175.122 W	249 *	5.1	0.8	43	TONGA ISLANDS
15	05	30	22.3	2.347 S	151.682 E	61 D	4.7	0.9	20	NEW IRELAND REGION, P.N.G.
15	08	04	02.2	38.895 N	122.423 W	5 G		0.7	9	NORTHERN CALIFORNIA. ML 2.8 (GS).
15	08	29	53.7*	42.109 N	118.020 W	5 G		0.7	10	OREGON. ML 3.3 (GS).
15	09	08	30.6*	40.422 N	21.837 E	10 G		0.6	5	GREECE. ML 1.8 (THE).
15	09	30	47.4?	18.27 N	101.17 W	33 N		1.7	5	GUERRERO, MEXICO
15	09	56	55.1?	39.67 N	29.54 E	10 G		0.6	4	TURKEY. ML 2.6 (ISK).
15	10	08	42.5?	39.68 N	29.50 E	10 G		0.5	4	TURKEY. ML 2.6 (ISK).
15	10	20	08.0	17.221 N	61.114 W	18	4.6	1.2	62	LEEWARD ISLANDS. MD 4.6 (TRN). ML 4.1 (FDF). Felt (IV) on Antigua and (III) on Guadeloupe.
15	10	24	13.0	35.717 N	4.563 W	24		1.2	17	STRAIT OF GIBRALTAR. mbLg 3.2 (MDD). MD 3.0 (RBA).
15	10	26	21.9	36.202 N	120.220 W	10 G		0.8	38	CENTRAL CALIFORNIA. ML 2.9 (GS), 3.0 (PAS).
15	10	33	32.0&	61.840 N	147.411 W	34			79	SOUTHERN ALASKA. <AEIC>. ML 3.1 (AEIC), 2.8 (PMR).
15	12	26	28.7?	27.03 S	26.82 E	5 G		1.3	5	REPUBLIC OF SOUTH AFRICA
15	13	21	33.6?	42.55 N	23.99 E	10 G		1.4	10	BULGARIA. ML 3.2 (THE).
15	14	47	36.0?	35.66 N	25.27 E	10 G		1.0	4	CRETE. MD 3.4 (ATH).
15	14	56	43.9	10.528 N	69.488 W	33 N	3.8	1.0	9	VENEZUELA
15	17	08	34.2?	38.92 N	23.75 E	19		0.3	10	GREECE. ML 2.6 (THE).
15	17	51	28.8*	37.307 N	20.898 E	33 N		1.3	22	IONIAN SEA. MD 3.8 (ATH). ML 3.7 (THE).
15	18	17	06.5	43.008 N	21.616 E	10 G		1.1	16	NORTHWESTERN BALKAN REGION. ML 3.2 (THE).
15	19	57	31.8	41.311 N	22.056 E	10 G		0.3	12	NORTHWESTERN BALKAN REGION. ML 2.3 (SKO), 2.3 (THE).
15	20	03	53.1*	16.263 S	177.818 W	468 *	4.3	1.0	15	FIJI ISLANDS REGION
15	20	07	19.2?	51.26 N	16.10 E	10 G		0.8	4	POLAND
15	20	17	41.4	0.513 N	126.010 E	31 D	5.0	1.0	65	NORTHERN MOLUCCA SEA
15	20	36	01.8&	31.246 S	68.885 W	100 G		0.5	6	SAN JUAN PROVINCE, ARGENTINA
15	20	40	29.0*	20.285 S	168.632 E	33 N	4.6 4.7	1.6	17	LOYALTY ISLANDS
15	20	46	44.3&	31.208 S	68.338 W	100 G		0.2	5	SAN JUAN PROVINCE, ARGENTINA
15	21	31	37.3	42.998 N	18.765 E	10 G		0.5	11	NORTHWESTERN BALKAN REGION. MD 3.0 (TTG).
a 15	21	49	42.2	23.184 N	120.574 E	17 D	5.5 5.2	1.1	209	TAIWAN. Mw 5.4 (HRV). ML 5.5 (BJI). Some damage (VI JMA) in the Ta-pu area. Felt (IV JMA) at Chia-i and Tai-nan; (III JMA) at Kao-hsiung and Peng-hu; (II JMA) at Hua-lien, Tai-chung and Tai-tung.
15	21	54	33.4*	30.058 S	177.567 W	33 N	4.1	1.4	9	KERMADEC ISLANDS, NEW ZEALAND
16	00	13	31.1?	20.23 S	168.95 E	52 *	4.2	0.4	7	LOYALTY ISLANDS
16	00	14	01.4*	15.630 S	71.090 W	192 *	4.2	1.2	13	SOUTHERN PERU
16	00	42	19.0&	63.506 N	150.806 W	7			43	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
16	00	43	57.6	38.600 N	119.458 W	5 G		0.8	57	CALIFORNIA-NEVADA BORDER REGION. ML 3.8 (GS), 3.9 (BRK). Felt (IV) at Coleville, California.
16	00	44	55.7*	34.313 N	26.633 E	33 N		1.2	8	CRETE. MD 3.8 (ATH).
16	01	05	32.7*	0.872 S	124.177 E	92 ?	4.8	1.0	11	SOUTHERN MOLUCCA SEA
16	01	07	23.7	44.049 N	9.828 E	5 G		0.8	37	NORTHERN ITALY. ML 3.0 (GEN), 3.0 (LDG), 2.6 (STR). MD 3.0 (TRI).
16	02	08	21.1*	26.764 N	140.434 E	387 ?	4.2	0.8	19	BONIN ISLANDS REGION
16	03	04	13.3?	31.97 S	68.52 W	100 G		0.1	4	SAN JUAN PROVINCE, ARGENTINA
16	03	12	01.2*	9.183 S	127.618 E	33 N	5.0	1.3	24	TIMOR SEA
16	03	12	13.4*	4.060 N	126.682 E	92 *	5.0	1.3	39	TALAUD ISLANDS, INDONESIA
16	03	47	00.6?	36.55 N	28.14 E	10 G		0.3	5	DODECANESE ISLANDS. ML 3.3 (ISK).
16	04	18	19.2*	20.473 S	173.884 W	24 D	5.1 4.4	1.1	59	TONGA ISLANDS
16	05	30	26.9*	23.567 S	65.016 W	60 ?	4.3	1.6	14	JUJUY PROVINCE, ARGENTINA
16	08	55	09.2	49.173 N	6.914 E	10 G		1.0	13	GERMANY. ML 2.8 (STR).
16	09	10	42.8	40.518 N	29.693 E	10 G		0.3	9	TURKEY. ML 2.8 (ISK).
16	09	11	32.5?	41.59 N	23.02 E	10 G		0.4	4	GREECE-BULGARIA BORDER REGION. ML 2.1 (THE).
16	09	22	15.6	41.473 N	23.079 E	10 G	4.5	1.1	79	GREECE-BULGARIA BORDER REGION. ML 4.2 (THE), 4.1 (TIR). Felt (V) in southwestern Bulgaria and (IV) in the southeastern part of the Former Yugoslav Republic of Macedonia.
16	09	32	03.0*	41.459 N	23.066 E	10 G		0.5	14	GREECE-BULGARIA BORDER REGION. ML 2.9 (SKO), 2.8 (THE).
16	09	36	09.8&	41.385 N	23.048 E	10 G		0.5	6	GREECE-BULGARIA BORDER REGION. ML 2.1 (THE).
16	10	23	44.7&	37.633 N	118.820 W	3			43	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.2 (GM). ML 3.2 (GS), 3.1 (BRK).
16	10	35	05.8&	37.630 N	118.819 W	2			32	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM). ML 3.0 (BRK), 2.9 (GS). Double event.
16	10	52	27.2*	41.475 N	23.059 E	10 G		0.3	7	GREECE-BULGARIA BORDER REGION. ML 2.4 (THE).
16	10	57	16.0	43.325 N	0.562 W	10 G		0.5	16	PYRENEES. ML 3.3 (LDG). mbLg 2.9 (MDD). MD 2.8 (BTH).
16	11	03	41.1?	39.60 N	29.39 E	10 G		0.5	4	TURKEY. ML 2.5 (ISK).
16	11	48	18.1	37.422 N	20.806 E	33 N	4.4	1.3	82	IONIAN SEA. ML 4.7 (ROM), 4.3 (THE). MD 4.2 (TTG), 4.1 (ATH).
16	12	17	21.8	3.774 N	127.888 E	97 *	5.0	0.8	50	TALAUD ISLANDS, INDONESIA
16	12	21	34.5&	45.196 N	120.090 W	7			46	WASHINGTON-OREGON BORDER REGION. <SEA-P>. MD 3.0 (SEA). ML 2.8 (GS).
16	12	21	43.0&	41.564 N	23.025 E	10 G		0.4	5	GREECE-BULGARIA BORDER REGION. ML 2.3 (THE).

	16	13	03	14.5*	51.687 N	174.198 W	33 N	4.1	1.2	17	ANDREANOF ISLANDS, ALEUTIAN IS.
	16	13	03	33.3*	51.545 N	7.066 E	10 G		0.2	5	GERMANY
a	16	13	04	35.0	13.444 N	145.945 E	53 D	5.1 5.0	1.1	136	MARIANA ISLANDS. Mw 5.1 (HRV).
	16	14	11	28.8	13.431 N	145.977 E	57 D	4.8 4.6	1.0	83	MARIANA ISLANDS
	16	14	34	17.5?	39.64 N	29.41 E	10 G		0.6	4	TURKEY. ML 2.6 (ISK).
	16	14	59	56.9	41.452 N	23.053 E	8		0.8	20	GREECE-BULGARIA BORDER REGION. ML 2.9 (THE), 2.3 (SKO).
	16	16	36	27.5?	15.86 N	97.41 W	33 N		0.2	4	NEAR COAST OF OAXACA, MEXICO. Felt at Mexico City.
	16	17	01	39.6&	37.285 N	121.652 W	10			98	CENTRAL CALIFORNIA. <GM-P>. MD 3.6 (GM). ML 3.7 (BRK). Felt (III) at Mt. Hamilton and San Jose. Felt in the Santa Clara Valley.
	16	17	35	27.9	18.020 S	178.052 W	635	4.7	0.9	90	FIJI ISLANDS REGION
	16	19	19	06.9?	51.59 N	174.40 W	33 N	4.3	1.1	13	ANDREANOF ISLANDS, ALEUTIAN IS.
	16	19	21	17.2*	41.144 N	19.502 E	10 G		0.8	12	ALBANIA. ML 2.8 (TTG).
	16	19	38	48.5	6.536 N	125.891 E	147	4.7	0.8	31	MINDANAO, PHILIPPINE ISLANDS
a	16	20	11	21.9	53.804 N	171.382 E	9 G	5.8 5.7	1.1	420	NEAR ISLANDS, ALEUTIAN ISLANDS. Mw 6.1 (GS), 5.9 (HRV) Mo=1.6*10**18 Nm (PPT). Felt slightly on Attu. Depth from broadband displacement seismograms.
	16	20	14	03.5*	41.927 N	19.404 E	10 G		0.4	9	ALBANIA. ML 2.2 (TTG).
	16	20	27	32.7	41.247 N	22.694 E	5 G		0.6	8	NORTHWESTERN BALKAN REGION. ML 2.2 (THE), 1.7 (SKO).
	16	22	10	11.7?	38.72 N	24.95 E	5 G		0.5	11	AEGEAN SEA. ML 3.2 (THE).
	16	22	32	10.1*	41.751 N	22.675 E	10 G		0.7	8	NORTHWESTERN BALKAN REGION. ML 2.6 (THE), 2.4 (SKO).
	16	22	52	40.8&	42.106 N	19.549 E	11		0.6	9	NORTHWESTERN BALKAN REGION. ML 2.2 (TTG).
a	16	23	41	11.2	15.458 S	173.360 W	33 N	5.2 5.1	0.9	89	TONGA ISLANDS. Mw 5.4 (HRV).
	17	00	20	09.2?	10.60 N	60.77 W	33 N		1.2	5	TRINIDAD. MD 3.0 (TRN).
	17	00	37	25.6*	5.311 N	61.523 E	10 G	5.1 4.7	1.0	57	CARLSBERG RIDGE
	17	00	37	53.7?	41.44 N	23.07 E	10 G		0.3	5	GREECE-BULGARIA BORDER REGION. ML 2.1 (THE).
	17	00	49	33.6	45.670 N	151.292 E	43 D	5.0 4.8	0.9	99	KURIL ISLANDS
	17	00	58	04.4?	17.34 S	174.38 W	165 ?	4.2	1.6	12	TONGA ISLANDS
	17	01	04	51.0?	32.99 N	47.94 E	33 N		0.5	9	IRAN-IRAQ BORDER REGION. Felt at Dehloran, Iran.
	17	01	11	12.4*	41.394 N	23.092 E	10 G		0.5	8	GREECE-BULGARIA BORDER REGION. ML 2.3 (THE).
	17	02	14	53.3&	43.010 N	18.774 E	5 G		0.5	9	NORTHWESTERN BALKAN REGION. ML 2.0 (TTG).
	17	02	22	08.0*	31.766 N	129.270 E	33 N		1.6	8	KYUSHU, JAPAN
	17	02	46	53.7?	14.23 N	93.81 W	33 N	4.3	1.6	8	NEAR COAST OF CHIAPAS, MEXICO. Felt at Mexico City.
	17	03	02	19.3&	31.691 S	67.084 W	100 G		0.5	7	SAN JUAN PROVINCE, ARGENTINA
a	17	03	19	03.8	39.186 N	142.182 E	54 D	5.4	1.0	250	NEAR EAST COAST OF HONSHU, JAPAN. Mw 5.4 (HRV). Felt (IV JMA) at Ofunato; (III JMA) at Ishinomaki and Miyako; (II JMA) at Hachinohe and Morioka.
	17	03	40	37.8&	63.056 N	148.496 W	75	2.8		71	CENTRAL ALASKA. <AEIC>.
	17	04	10	39.5&	44.431 N	6.748 E	5 G		0.1	6	FRANCE. ML 2.1 (GEN).
	17	04	12	37.0&	36.602 N	121.202 W	8			31	CENTRAL CALIFORNIA. <GM-P>. MD 2.8 (GM).
	17	05	08	01.4	2.687 N	79.644 W	10 D	4.7	1.1	29	SOUTH OF PANAMA
	17	05	17	19.2*	47.187 N	11.503 E	10 G		0.1	5	AUSTRIA. ML 0.7 (VIE).
	17	05	59	16.7	44.181 N	12.229 E	25		1.3	55	NORTHERN ITALY. MD 3.6 (FIR), 3.5 (TRI), 3.1 (ROM). ML 3.5 (LDG), 3.4 (VIE).
	17	06	08	43.0*	14.372 N	93.605 W	33 N	4.5	1.4	29	NEAR COAST OF CHIAPAS, MEXICO. Felt at Mexico City.
	17	06	49	06.6&	44.259 N	8.246 E	5 G		0.5	7	NORTHERN ITALY. ML 2.0 (GEN).
	17	07	03	40.0*	31.393 S	69.107 W	120 G		0.4	7	SAN JUAN PROVINCE, ARGENTINA
	17	07	14	10.4&	43.023 N	18.725 E	10 G		0.4	9	NORTHWESTERN BALKAN REGION. ML 1.9 (TTG).
	17	07	36	09.0?	11.90 N	60.57 W	180 G		1.7	9	WINDWARD ISLANDS. MD 3.5 (TRN).
	17	07	44	14.9	38.843 N	6.238 W	10 G		0.4	12	SPAIN. mbLg 3.3 (MDD). Felt (III) in the Alange area.
	17	07	52	36.5&	66.249 N	150.066 W	0			11	NORTHERN ALASKA. <AEIC>. ML 2.7 (AEIC).
	17	08	38	24.7	44.257 N	8.244 E	5 G		0.5	22	NORTHERN ITALY. ML 3.0 (GEN), 2.5 (LDG).
	17	08	38	43.6	44.254 N	8.245 E	5 G		0.4	12	NORTHERN ITALY. ML 3.0 (GEN), 2.8 (LDG).
	17	08	40	44.0&	44.223 N	8.279 E	5 G		0.4	8	NORTHERN ITALY. ML 2.4 (GEN).
	17	08	41	46.9&	44.259 N	8.237 E	5 G		0.4	8	NORTHERN ITALY. ML 2.2 (GEN).
	17	08	49	03.9	15.037 S	74.265 W	82 D	4.8	1.1	51	NEAR COAST OF PERU. Felt (IV) at Nazca and (III) at Palpa.
	17	08	50	22.6&	42.340 N	122.066 W	6			8	OREGON. <SEA-P>. MD 2.6 (SEA).
	17	08	51	22.3&	44.281 N	8.229 E	5 G		0.3	7	NORTHERN ITALY. ML 1.9 (GEN).
	17	09	35	12.8&	44.259 N	8.233 E	5 G		0.4	7	NORTHERN ITALY. ML 2.5 (GEN).
	17	11	18	23.7&	31.436 S	68.663 W	100 G		0.3	6	SAN JUAN PROVINCE, ARGENTINA
	17	11	33	52.0?	27.34 N	100.71 E	33 N		1.5	7	YUNNAN, CHINA. ML 3.8 (BJI).
	17	11	35	23.0*	44.027 N	12.471 E	10 G		0.9	9	NORTHERN ITALY. ML 3.1 (VIE). MD 3.0 (TRI), 2.7 (FIR).
	17	11	42	24.6*	43.896 N	12.233 E	10 G		0.9	12	CENTRAL ITALY. ML 3.2 (VIE). MD 3.1 (TRI), 2.9 (FIR).
	17	11	47	20.7&	44.307 N	8.282 E	5 G		0.4	6	NORTHERN ITALY. ML 2.3 (GEN).
	17	12	18	25.1&	68.406 N	148.077 W	10 G	3.5		22	NORTHERN ALASKA. <AEIC>. ML 3.1 (AEIC), 3.5 (PMR).
	17	13	31	12.9&	44.298 N	8.312 E	5 G		0.4	7	NORTHERN ITALY. ML 2.2 (GEN).
	17	13	33	00.0?	39.65 N	29.51 E	10 G		1.0	4	TURKEY. ML 2.7 (ISK).
	17	14	28	21.4&	33.233 N	118.024 W	6 G			10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.1 (GS).
	17	14	31	05.8	42.088 N	143.989 E	49	4.3	1.0	32	HOKKAIDO, JAPAN REGION
	17	14	42	00.3&	63.148 N	151.230 W	12			48	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC).
	17	15	25	07.2*	51.357 N	15.901 E	10 G		0.8	9	POLAND. ML 3.2 (VIE), 2.6 (CLL).
	17	15	35	21.4&	45.500 N	0.048 E	10 G		0.8	11	FRANCE. ML 2.8 (LDG).
	17	16	33	23.9?	11.51 N	61.22 W	33 N		0.9	4	WINDWARD ISLANDS. MD 3.0 (TRN).
	17	16	43	50.3	17.134 N	94.722 W	70 D	4.7	1.2	44	CHIAPAS, MEXICO
	17	17	03	18.6*	20.691 S	173.560 W	33 N	4.8	1.3	26	TONGA ISLANDS
	17	17	42	28.6*	36.669 N	71.053 E	204 ?	4.1	1.4	18	AFGHANISTAN-TAJIKISTAN BORD REG.
	17	18	02	01.2&	41.476 N	23.062 E	10 G		0.3	8	GREECE-BULGARIA BORDER REGION. ML 2.4 (THE).
	17	18	52	02.3*	6.516 S	154.846 E	95 *	4.5	1.1	18	SOLOMON ISLANDS
	17	19	14	09.4*	32.376 S	69.437 W	120 G		0.5	6	MENDOZA PROVINCE, ARGENTINA
	17	19	22	17.8&	34.148 N	116.430 W	3			7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS).
	17	20	55	06.0&	43.087 N	0.662 W	10 G		0.1	6	PYRENEES. ML 1.0 (STR).
	17	21	07	19.6*	36.845 N	71.041 E	150 G	3.8	0.4	7	AFGHANISTAN-TAJIKISTAN BORD REG.
	17	22	06	07.7	51.650 N	16.389 E	10 G		0.5	7	POLAND. ML 3.6 (GRF), 3.3 (VIE).
	17	22	41	13.6	0.369 N	125.698 E	17 D	4.9	1.2	56	NORTHERN MOUCCA SEA
	17	22	44	03.5&	37.547 N	118.825 W	5			24	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM).
	17	23	11	20.9&	40.084 N	23.986 E	5 G		0.6	8	GREECE. ML 2.1 (THE).
	18	00	46	29.2?	11.07 N	61.75 W	80 G		0.5	4	WINDWARD ISLANDS. MD 3.0 (TRN).
	18	01	11	26.4*	11.594 S	117.332 E	33 N	4.8	1.0	13	SOUTH OF SUMBAWA, INDONESIA
	18	02	21	56.2?	31.15 S	68.64 W	100 G		0.2	4	SAN JUAN PROVINCE, ARGENTINA
	18	03	22	12.6&	38.841 N	122.784 W	3			40	NORTHERN CALIFORNIA. <GM-P>. MD 3.1 (GM). ML 3.1 (GS), 3.1 (BRK).
18	03	27	55.7?	31.61 S	68.82 W	100 G			0.5	5	SAN JUAN PROVINCE, ARGENTINA

18	03	29	47.0%	39.132	N	28.049	E	10	G	0.9	8	TURKEY. ML 3.0 (ISK).				
18	05	12	34.7*	23.636	S	179.741	W	500	G	4.4	1.0	19	SOUTH OF FIJI ISLANDS			
18	06	00	54.4?	31.62	N	139.83	E	33	N	4.3	1.2	22	SOUTH OF HONSHU, JAPAN			
18	08	15	36.7?	31.79	S	69.07	W	120	G	0.4	0.7	7	SAN JUAN PROVINCE, ARGENTINA			
18	08	48	38.7?	18.67	N	66.90	W	100	G	0.2	0.2	7	PUERTO RICO REGION			
18	08	51	42.2%	44.726	N	7.543	E	5	G	0.8	10	10	NORTHERN ITALY. ML 2.4 (GEN).			
18	09	18	11.1*	41.418	N	142.257	E	33	N	4.2	1.3	15	HOKKAIDO, JAPAN REGION			
18	09	22	44.0	40.466	N	21.861	E	5	G	0.6	11	11	GREECE. ML 1.9 (THE).			
18	09	43	44.7?	39.13	N	27.59	E	10	G	1.7	4	4	TURKEY. ML 2.8 (ISK).			
18	09	53	01.6%	41.193	N	24.643	E	10	G	0.5	6	6	GREECE-BULGARIA BORDER REGION. ML 2.6 (THE).			
18	10	24	01.6%	45.250	N	120.112	W	0			41	41	WASHINGTON-OREGON BORDER REGION. <SEA-P>. MD 3.1 (SEA). ML 2.7 (GS).			
18	10	39	35.9?	60.71	N	5.51	E	10	G	0.1	4	4	SOUTHERN NORWAY. MD 0.8 (BER).			
18	11	09	52.6%	31.210	S	68.422	W	100	G	0.3	6	6	SAN JUAN PROVINCE, ARGENTINA			
18	11	10	24.9%	44.695	N	6.694	E	5	G	0.8	11	11	FRANCE. ML 2.3 (GEN).			
18	11	23	02.3	43.114	N	0.430	W	10	G	0.4	8	8	PYRENEES. ML 1.0 (STR).			
18	11	41	26.1*	32.794	S	72.270	W	33	N	4.8	1.0	10	10	OFF COAST OF CENTRAL CHILE. Felt (V) at Valparaiso. Also felt at Vina del Mar.		
18	11	50	33.7%	40.479	N	21.935	E	5	G	0.8	6	6	GREECE. ML 1.7 (THE).			
18	12	08	00.8?	40.27	N	27.28	E	10	G	1.3	4	4	TURKEY. ML 2.8 (ISK).			
18	12	14	30.9	40.931	N	116.620	W	5	G	1.2	25	25	NEVADA. ML 3.8 (GS).			
18	12	18	34.1*	30.608	S	69.184	W	33	N	0.8	8	8	CHILE-ARGENTINA BORDER REGION			
18	12	31	15.9?	41.67	N	23.95	E	5	G	0.3	7	7	GREECE-BULGARIA BORDER REGION. ML 2.4 (THE).			
18	14	04	15.6?	39.63	N	29.41	E	10	G	0.2	4	4	TURKEY. ML 2.5 (ISK).			
18	14	06	20.9	40.524	N	23.720	E	10	G	0.4	11	11	GREECE. ML 2.8 (THE).			
18	14	12	50.4?	41.27	N	24.34	E	5	G	0.9	5	5	GREECE-BULGARIA BORDER REGION. ML 1.8 (THE).			
18	14	12	58.6?	28.66	N	34.97	E	10	G	0.7	4	4	EGYPT			
18	14	59	11.3%	30.737	S	67.474	W	33	N	1.1	6	6	SAN JUAN PROVINCE, ARGENTINA			
18	15	14	04.7	38.405	N	21.926	E	33	N	1.3	16	16	GREECE. MD 3.1 (ATH). ML 2.8 (THE).			
18	15	40	09.1%	32.336	N	115.346	W	6	G		5	5	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 2.8 (PAS).			
18	15	44	44.1%	32.366	N	115.363	W	6	G		16	16	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.2 (PAS).			
18	15	59	44.6%	32.316	N	115.350	W	6	G		5	5	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.3 (PAS). Double event.			
18	16	12	08.0%	32.339	N	115.352	W	6	G		7	7	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.1 (PAS).			
18	16	15	56.2	36.450	N	2.880	E	10	G	3.8	1.1	32	32	NORTHERN ALGERIA		
18	16	24	38.6%	59.887	N	147.403	W	16				32	32	GULF OF ALASKA. <AEIC>. ML 2.6 (AEIC).		
18	17	16	36.9*	6.622	S	130.454	E	50	5.0	0.9	107	107	BANDA SEA			
18	18	11	06.3*	32.002	S	179.734	E	376	* 4.9	1.4	36	36	SOUTH OF KERMADEC ISLANDS			
18	18	58	39.1?	44.32	N	7.50	E	5	G	0.2	4	4	NORTHERN ITALY. ML 1.6 (GEN).			
18	19	27	30.8?	11.87	S	133.84	E	19	D	4.6	1.4	14	14	NORTHERN TERRITORY, AUSTRALIA		
18	19	57	49.5?	17.10	N	101.83	W	33	N	4.0	0.6	7	7	NEAR COAST OF GUERRERO, MEXICO		
18	20	24	45.7	41.425	N	23.022	E	5	G	0.4	11	11	GREECE-BULGARIA BORDER REGION. ML 2.7 (THE), 2.0 (SKO).			
18	20	53	56.9%	63.341	N	149.716	W	110	4.2		141	141	CENTRAL ALASKA. <AEIC>. Felt (III) at Chickaloon and Skwentna.			
18	21	10	31.5%	62.920	N	150.676	W	100			93	93	CENTRAL ALASKA. <AEIC>.			
18	22	18	14.9?	14.37	N	60.36	W	68	?	0.3	10	10	WINDWARD ISLANDS. MD 3.6 (TRN).			
a	18	22	44	20.0	20.477	S	173.883	W	33	N	5.7	5.7	217	217	TONGA ISLANDS. Mw 5.7 (HRV).	
18	23	34	59.1*	54.305	N	164.209	W	33	N	4.4	1.2	23	23	UNIMAK ISLAND REGION. ML 4.4 (PMR).		
18	23	48	09.9	41.111	N	20.785	E	9		0.6	16	16	ALBANIA. ML 3.0 (SKO), 3.0 (THE), 2.7 (TIR). Felt (IV) at Ohrid, Former Yugoslav Republic of Macedonia.			
18	23	51	16.1	41.153	N	20.841	E	10	G	0.7	17	17	ALBANIA. ML 3.0 (SKO), 3.0 (THE), 2.8 (TIR). Felt (IV) at Ohrid, Former Yugoslav Republic of Macedonia.			
19	00	37	35.8?	20.69	S	173.80	W	33	N	4.3	1.5	12	12	TONGA ISLANDS		
19	00	53	05.7%	28.887	S	67.029	W	150	G	0.2	6	6	LA RIOJA PROVINCE, ARGENTINA			
19	02	31	10.3?	41.78	N	22.88	E	10	G	0.4	8	8	NORTHWESTERN BALKAN REGION. ML 2.1 (THE), 2.0 (SKO).			
19	02	35	28.7*	22.417	N	145.477	E	33	N	4.5	1.1	14	14	NORTH PACIFIC OCEAN		
19	04	51	21.5%	39.285	N	27.911	E	5	G	0.4	8	8	TURKEY. ML 3.1 (ISK).			
19	05	00	04.0?	6.41	S	130.45	E	127	?	3.8	1.4	8	8	BANDA SEA		
19	06	34	25.2%	31.003	S	68.218	W	33	N		1.5	6	6	SAN JUAN PROVINCE, ARGENTINA		
19	07	16	04.9%	40.104	N	23.565	E	10	G	0.4	9	9	GREECE. ML 2.1 (THE).			
19	07	21	40.6*	14.946	N	94.238	W	33	N	4.2	1.2	30	30	OFF COAST OF CHIAPAS, MEXICO		
19	07	51	29.5%	40.104	N	23.550	E	10	G	0.4	9	9	GREECE. ML 2.2 (THE).			
19	08	03	15.9%	63.292	N	151.208	W	15	4.1		103	103	CENTRAL ALASKA. <AEIC>. ML 4.1 (AEIC), 4.8 (PMR).			
19	08	08	19.5?	23.83	S	178.79	W	500	G	4.6	1.4	13	13	SOUTH OF FIJI ISLANDS		
19	08	38	55.2%	37.575	N	118.844	W	8			47	47	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.3 (GM). ML 3.6 (BRK), 3.4 (GS).			
19	08	56	11.9?	29.73	S	179.19	W	281	?	1.4	7	7	KERMADEC ISLANDS REGION			
19	10	27	12.0*	7.156	S	129.380	E	128	*	4.9	1.0	18	18	BANDA SEA		
19	10	31	28.6	5.746	N	127.004	E	43	D	5.5	1.0	195	195	PHILIPPINE ISLANDS REGION. Mw 5.4 (HRV).		
19	11	45	30.7	25.210	N	62.603	E	24	D	5.1	5.0	0.9	139	139	SOUTHWESTERN PAKISTAN	
19	11	46	15.1%	40.703	N	23.096	E	10	G	0.4	8	8	GREECE. ML 1.9 (THE).			
19	13	12	04.1*	41.995	N	2.011	E	10	G	0.3	9	9	SPAIN. mbLg 2.8 (MDD).			
19	15	08	40.4%	41.347	N	23.107	E	5	G	0.6	7	7	GREECE-BULGARIA BORDER REGION. ML 2.3 (THE).			
19	15	13	26.1%	30.965	S	68.916	W	100	G	0.4	5	5	SAN JUAN PROVINCE, ARGENTINA			
19	15	50	14.3*	36.886	N	21.626	E	10	G	0.8	17	17	SOUTHERN GREECE. MD 3.6 (ATH). ML 3.4 (THE).			
19	16	23	54.5?	29.78	S	66.85	W	33	N	0.8	5	5	LA RIOJA PROVINCE, ARGENTINA			
19	17	09	37.5	41.160	N	22.655	E	10	G	0.5	8	8	NORTHWESTERN BALKAN REGION. ML 2.3 (THE), 2.2 (SKO).			
19	17	25	28.8%	44.540	N	6.863	E	5	G	0.5	9	9	FRANCE. ML 2.4 (GEN).			
19	17	53	13.5*	36.532	N	71.421	E	33	N	4.2	1.2	12	12	AFGHANISTAN-TAJIKISTAN BORD REG.		
19	18	36	25.7%	63.275	N	151.041	W	11			52	52	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC), 3.1 (PMR).			
19	18	38	21.8?	10.37	N	84.76	W	33	N	4.2	1.4	8	8	COSTA RICA. MD 4.5 (UPA).		
19	18	56	04.7	17.226	N	97.329	W	59	D	4.2	1.4	34	34	OAXACA, MEXICO		
19	20	35	10.8%	43.020	N	18.743	E	10	G	0.4	9	9	NORTHWESTERN BALKAN REGION. ML 1.9 (TTG).			
19	21	00	07.6	44.491	N	7.141	E	5	G	0.3	23	23	NORTHERN ITALY. ML 2.6 (GEN), 2.3 (LDG).			
a	19	21	04	58.2	14.793	N	144.413	E	27	D	5.1	4.8	1.2	59	59	MARIANA ISLANDS. Mw 5.4 (HRV).
19	21	29	22.1%	63.402	N	150.337	W	0			24	24	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC), 3.1 (PMR).			
19	21	59	35.9%	30.061	S	69.139	W	120	G	0.7	6	6	CHILE-ARGENTINA BORDER REGION			
19	22	12	24.6	39.245	N	26.253	E	13		0.9	21	21	TURKEY. ML 3.5 (ISK), 3.4 (THE). MD 3.3 (ATH).			
19	22	31	43.8	40.744	N	22.069	E	10	G	0.2	12	12	GREECE. ML 2.5 (THE), 2.1 (SKO).			
19	23	11	09.7?	36.73	N	21.09	E	10	G	0.7	5	5	SOUTHERN GREECE. MD 3.2 (ATH).			

19	23	44	10.3?	3.06	N	126.85	E	92 ?	4.4	1.2	16	TALAUD ISLANDS, INDONESIA
20	00	19	46.4&	37.640	N	118.954	W	8		38	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM).	
20	00	36	58.9*	51.648	N	175.077	W	33 N	4.1	1.6	16	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.7 (PMR). Felt on Adak.
20	01	13	54.7?	6.77	S	130.15	E	83 ?		0.9	7	BANDA SEA
20	01	21	02.6?	40.60	N	27.24	E	10 G		0.6	5	TURKEY. ML 2.9 (ISK).
20	02	25	15.2?	37.75	N	30.61	E	10 G		0.5	4	TURKEY. ML 3.2 (ISK).
20	03	03	50.2&	42.295	N	121.958	W	6	2.7		27	OREGON. <SEA-P>. MD 3.0 (SEA). ML 2.9 (GS).
20	03	22	11.2?	30.79	S	67.89	W	33 N		1.2	4	SAN JUAN PROVINCE, ARGENTINA
20	04	03	39.3?	31.43	S	68.60	W	100 G		0.5	4	SAN JUAN PROVINCE, ARGENTINA
20	04	31	00.2&	41.168	N	7.526	W	10 G		0.6	9	PORTUGAL. mbLg 2.6 (MDD).
20	04	55	04.6?	37.06	N	29.97	E	5 G		0.6	4	TURKEY. ML 3.3 (ISK).
20	05	03	17.5&	34.382	N	116.446	W	6 G			9	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
20	05	29	04.9&	34.553	N	116.531	W	4			7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS).
20	05	54	19.7	42.008	N	20.814	E	5 G		0.8	12	NORTHWESTERN BALKAN REGION. ML 2.7 (TTG), 2.3 (SKO).
20	07	19	27.0&	63.263	N	150.927	W	21			22	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC).
20	07	28	47.0	40.613	N	28.788	E	10 G		0.6	11	TURKEY. ML 3.2 (ISK).
20	07	31	44.8	40.610	N	28.792	E	10 G		0.4	11	TURKEY. ML 3.1 (ISK).
20	08	16	18.9&	38.747	N	27.752	E	10 G		0.8	5	TURKEY. ML 2.9 (ISK).
20	08	26	55.1?	39.11	N	27.56	E	10 G		0.7	4	TURKEY. ML 2.6 (ISK).
20	08	34	08.9&	61.826	N	150.591	W	52			51	SOUTHERN ALASKA. <AEIC>. ML 3.9 (AEIC), 4.2 (PMR). Felt (IV) at Skwentna; (III) at Chickaloon and Willow; (II) at Eagle River and Talkeetna.
20	08	57	17.1	40.472	N	29.286	E	10 G		0.6	8	TURKEY. ML 2.8 (ISK).
20	09	08	39.8?	39.12	N	27.54	E	10 G		0.1	4	TURKEY. ML 2.7 (ISK).
20	09	45	59.3&	30.069	S	68.687	W	33 N		0.6	5	SAN JUAN PROVINCE, ARGENTINA
20	10	03	52.2?	39.26	N	27.70	E	10 G		0.2	4	TURKEY. ML 2.7 (ISK).
20	10	06	14.3?	39.11	N	27.55	E	10 G		0.3	4	TURKEY. ML 2.7 (ISK).
20	10	07	45.4?	39.12	N	27.51	E	10 G		0.2	4	TURKEY. ML 2.7 (ISK).
20	10	23	34.5	20.838	S	178.769	W	622	4.8	0.9	97	FIJI ISLANDS REGION
20	10	43	29.0?	39.65	N	29.44	E	10 G		1.9	4	TURKEY. ML 2.6 (ISK).
20	10	53	07.5&	39.644	N	29.410	E	10 G		0.3	5	TURKEY. ML 2.7 (ISK).
20	10	56	06.3?	35.35	N	27.14	E	33 N		0.7	4	DODECANESE ISLANDS. MD 3.8 (ATH).
20	12	14	13.9&	38.105	N	3.880	W	10 G		0.8	10	SPAIN. mbLg 2.8 (MDD).
f 20	13	56	14.8	6.876	S	131.340	E	8 G	6.4 5.7	1.2	433	TANIMBAR ISLANDS REG., INDONESIA. Mw 6.3 (GS), 6.3 (HRV). Ms 5.6 (BRK). Felt (III) at Sorong. Two events about 1.9 seconds apart. Depth from broadband displacement seismograms, based on second event.
20	14	19	17.8&	44.525	N	7.423	E	10 G		0.4	5	NORTHERN ITALY. ML 1.8 (GEN).
20	15	56	58.2&	62.154	N	150.407	W	2			61	CENTRAL ALASKA. <AEIC>. ML 3.5 (AEIC), 3.9 (PMR). Felt (III) at Talkeetna.
20	17	37	02.4&	32.366	N	115.359	W	6 G			15	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 4.0 (PAS), 4.0 (GS).
20	18	36	41.9*	22.470	N	93.837	E	84 *	4.3	1.2	13	MYANMAR-INDIA BORDER REGION
20	18	47	38.1?	49.96	N	19.00	E	10 G		0.1	4	POLAND. ML 3.1 (WAR).
20	19	15	24.9*	26.921	S	26.655	E	5 G	4.8	1.2	15	REPUBLIC OF SOUTH AFRICA. mbLg 4.4 (BUL).
20	19	45	38.9*	26.330	N	71.086	E	33 N	4.6	1.1	9	AFGHANISTAN-TAJIKISTAN BORD REG.
20	20	22	34.1	26.913	S	26.699	E	5 G	4.7	0.5	9	REPUBLIC OF SOUTH AFRICA. mbLg 4.3 (BUL).
20	21	23	28.0&	32.347	N	115.347	W	6 G			2	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 2.9 (PAS).
20	21	24	20.0*	4.708	S	152.881	E	65 D	4.7	1.1	26	NEW BRITAIN REGION, P.N.G.
20	22	39	00.4&	44.006	N	8.189	E	10 G		0.7	7	NORTHERN ITALY. ML 1.9 (GEN).
20	22	45	50.1?	42.44	N	24.82	E	5 G		0.5	6	BULGARIA. ML 2.9 (THE).
21	00	28	06.3?	18.45	S	71.93	W	33 N	4.4	1.1	5	OFF COAST OF NORTHERN CHILE
21	00	29	04.3?	31.18	S	68.40	W	33 N		0.7	4	SAN JUAN PROVINCE, ARGENTINA
21	01	12	13.4&	36.588	N	121.180	W	5			35	CENTRAL CALIFORNIA. <GM-P>. MD 2.8 (GM).
21	01	30	20.0&	39.625	N	27.695	E	10 G		0.4	5	TURKEY. ML 2.7 (ISK).
21	01	48	01.2	38.211	N	27.044	E	10 G		1.3	10	TURKEY. ML 3.3 (ISK). MD 3.7 (ATH).
21	02	26	36.6*	24.925	S	64.280	W	10 G		1.2	6	SALTA PROVINCE, ARGENTINA
21	02	41	48.5&	33.139	S	70.779	W	75 ?		0.3	9	CHILE-ARGENTINA BORDER REGION. MD 3.8 (SAN).
21	03	14	25.4*	23.249	N	120.983	E	33 N	3.7	1.3	7	TAIWAN. ML 4.0 (BJI).
21	04	35	11.1?	51.72	N	16.37	E	10 G		1.2	4	POLAND. MG 2.6 (WAR).
21	05	27	36.7?	39.41	N	37.65	E	10 G		0.1	4	TURKEY. MG 3.5 (DDA). Felt at Erzincan.
21	05	44	19.7*	50.412	N	18.882	E	10 G		0.2	5	POLAND. ML 3.5 (WAR).
21	07	21	35.9	20.558	S	177.716	W	399	5.2	1.0	35	FIJI ISLANDS REGION
21	08	09	12.7&	64.548	N	151.066	W	10 G			61	CENTRAL ALASKA. <AEIC>. ML 3.3 (AEIC), 3.7 (PMR).
21	08	49	26.7*	56.365	S	24.353	W	33 N	5.0	1.1	12	SOUTH SANDWICH ISLANDS REGION
21	09	07	51.2*	35.176	N	27.103	E	58 *	3.6	1.1	11	DODECANESE ISLANDS. MD 4.2 (ATH).
21	09	55	43.8?	39.23	N	27.68	E	10 G		0.2	4	TURKEY. ML 2.7 (ISK).
21	10	04	05.4	22.217	N	103.250	E	10 G	4.3	1.5	16	YUNNAN, CHINA. ML 4.5 (BJI).
21	10	15	53.0*	17.256	N	74.057	E	10 G		0.7	5	SOUTHERN INDIA
21	10	33	17.3&	39.680	N	29.499	E	12 *		0.5	6	TURKEY. ML 2.7 (ISK).
21	11	49	13.4?	14.91	N	60.69	W	33 N		0.4	4	WINDWARD ISLANDS. ML 2.5 (FDF).
21	12	00	22.4?	14.23	N	60.53	W	77 ?		0.2	8	WINDWARD ISLANDS. MD 3.3 (TRN).
21	12	12	37.8*	3.647	N	95.743	E	73 ?	4.8	0.9	15	OFF W COAST OF NORTHERN SUMATERA
21	12	16	12.3	10.290	N	125.888	E	63 *	5.1	1.0	28	LEYTE, PHILIPPINE ISLANDS
21	12	33	54.2&	41.360	N	23.079	E	5 G		0.7	6	GREECE-BULGARIA BORDER REGION. ML 2.3 (THE).
21	13	32	07.5?	60.28	N	4.30	E	5 G		1.0	4	SOUTHERN NORWAY. MD 1.2 (BER).
21	13	48	35.0	16.702	N	98.423	W	33 N	4.6	0.9	39	NEAR COAST OF GUERRERO, MEXICO
21	14	06	20.3	36.440	N	3.023	W	12		1.1	17	STRAIT OF GIBRALTAR. mbLg 3.4 (MDD).
21	16	12	30.0?	25.59	N	95.55	E	33 N		0.6	7	MYANMAR-INDIA BORDER REGION
21	16	28	17.2?	15.32	S	179.08	W	448 ?	4.5	0.9	9	FIJI ISLANDS REGION
21	16	40	51.1&	40.244	N	124.166	W	12			31	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 3.2 (GM). ML 3.3 (BRK).
21	16	45	22.4*	35.693	N	27.503	E	33 N		0.3	6	DODECANESE ISLANDS. MD 4.1 (ATH).
21	16	58	04.5	35.374	N	3.681	W	33 N		0.7	9	STRAIT OF GIBRALTAR. mbLg 3.2 (MDD). MD 2.8 (RBA).
21	17	40	20.2?	41.50	N	22.93	E	5 G		0.5	5	NORTHWESTERN BALKAN REGION. ML 1.9 (THE).
21	19	59	55.9?	43.42	N	151.05	E	33 N	4.2	1.0	11	EAST OF KURIL ISLANDS
21	20	07	23.5&	61.531	N	152.038	W	128 G			44	SOUTHERN ALASKA. <AEIC>.
21	20	39	58.1	17.778	S	71.323	W	86 *	4.7	1.3	20	NEAR COAST OF PERU. Felt (III) at Arequipa.
21	21	17	21.3&	40.596	N	28.772	E	10 G		0.8	6	TURKEY. ML 2.7 (ISK).
21	21	26	09.4*	23.528	S	68.019	W	236 ?		0.4	9	NORTHERN CHILE
21	22	18	26.5?	31.66	S	69.04	W	120 G		0.8	5	SAN JUAN PROVINCE, ARGENTINA

21	23	05	38.2*	8.727	N	94.363	E	33	N	4.5	0.4	5	NICOBAR ISLANDS, INDIA		
21	23	26	07.6	41.506	N	20.091	E	14			1.1	12	ALBANIA. ML 2.9 (TTG).		
22	00	01	22.2&	63.071	N	150.412	W	109	G			48	CENTRAL ALASKA. <AEIC>.		
22	00	51	26.2	41.473	N	23.015	E	10	G		0.9	16	GREECE-BULGARIA BORDER REGION. ML 2.8 (THE), 2.3 (SKO).		
22	02	16	12.5?	47.82	N	114.81	W	5	G		0.2	6	MONTANA. ML 2.5 (GS).		
22	02	16	49.9	43.855	N	147.091	E	102		4.6	0.9	47	KURIL ISLANDS		
22	02	45	07.7*	4.414	S	123.487	E	192	?	4.8	1.3	20	BANDA SEA		
22	02	46	06.1*	0.306	N	125.981	E	119	?	4.5	0.8	9	NORTHERN MOLUCCA SEA		
22	04	09	55.1?	24.41	N	94.36	E	133	?	4.6	0.1	8	MYANMAR-INDIA BORDER REGION		
22	04	29	30.1?	17.77	N	101.24	W	60	G		0.8	5	NEAR COAST OF GUERRERO, MEXICO		
22	05	09	41.3	51.927	N	175.067	E	33	N	5.0	4.5	0.9	53	RAT ISLANDS, ALEUTIAN ISLANDS. ML 5.0 (PMR).	
22	05	51	29.9*	42.904	N	17.215	E	10	G		0.9	10	ADRIATIC SEA. ML 2.5 (TTG).		
22	06	38	46.0?	18.29	S	178.39	W	544	*	4.5	1.1	23	FIJI ISLANDS REGION		
22	07	05	07.1&	61.300	N	146.953	W	19				93	SOUTHERN ALASKA. <AEIC>. ML 3.6 (AEIC), 3.5 (PMR).		
22	08	13	48.9?	34.20	S	111.06	W	10	G	4.6	0.9	19	SOUTHERN EAST PACIFIC RISE		
22	09	18	52.8	49.156	N	6.915	E	5	G		0.7	11	GERMANY. ML 2.8 (STR), 2.4 (UCC).		
22	09	19	08.0&	62.119	N	149.751	W	47				97	CENTRAL ALASKA. <AEIC>. ML 3.7 (AEIC), 3.6 (PMR). Felt (II) at Talkeetna.		
22	09	48	24.6	40.469	N	21.890	E	10	G		0.5	9	GREECE. ML 2.1 (THE).		
22	10	03	15.7?	38.68	N	22.44	E	10	G		0.1	4	GREECE. ML 2.2 (THE).		
a	22	10	35	17.4	4.938	S	132.083	E	33	N	5.4	0.9	66	IRIAN JAYA REGION, INDONESIA. Mw 5.2 (HRV).	
22	11	20	28.4?	59.69	N	5.41	E	10	G		0.1	4	SOUTHERN NORWAY. MD 1.5 (BER).		
22	12	24	05.4*	14.746	S	177.959	W	387	*	4.5	0.5	20	FIJI ISLANDS REGION		
22	12	33	29.2*	5.641	S	151.026	E	108	*	5.0	0.9	12	NEW BRITAIN REGION, P.N.G.		
22	12	53	42.6*	36.262	N	4.535	W	110	?		0.7	10	STRAIT OF GIBRALTAR		
a	22	13	46	56.6	20.434	S	173.705	W	33	N	5.0	5.2	0.9	55	TONGA ISLANDS. Mw 5.2 (HRV). Mo=1.5*10**17 Nm (PPT).
22	14	09	06.4*	39.265	N	20.865	E	10	G		0.4	5	GREECE-ALBANIA BORDER REGION. ML 2.6 (THE).		
22	14	45	58.9*	28.921	S	71.216	W	86	*	4.2	0.8	11	NEAR COAST OF CENTRAL CHILE		
22	15	08	52.5	40.650	S	81.104	E	19	D	5.2	5.1	0.4	14	MID-INDIAN RIDGE	
22	16	14	28.9?	31.40	S	68.64	W	90	G		0.4	4	SAN JUAN PROVINCE, ARGENTINA		
22	16	22	19.4	23.005	N	120.358	E	33	N	4.1	0.9	13	TAIWAN. ML 4.3 (BJI).		
22	17	01	17.1	48.523	N	128.874	W	10	G	4.3	1.0	75	VANCOUVER ISLAND REGION		
22	18	18	43.7	41.485	N	23.087	E	5	G		0.4	11	GREECE-BULGARIA BORDER REGION. ML 2.9 (THE).		
22	18	23	35.0*	15.276	N	61.125	W	120	G		0.3	8	LEEWARD ISLANDS		
22	18	52	01.6*	36.744	N	21.366	E	65	*	3.7	0.9	21	SOUTHERN GREECE. MD 4.0 (ATH).		
22	18	57	34.2*	51.183	N	178.435	W	33	N	4.4	1.3	37	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.4 (PMR).		
22	19	25	11.3&	33.331	N	105.682	W	10	G			25	NEW MEXICO. <SNM-P>. MD 3.2 (SNM).		
22	19	40	13.7	38.395	N	21.759	E	20		4.3	1.3	71	GREECE. ML 4.2 (TTG), 4.1 (TIR), 4.0 (ATH), 3.9 (THE).		
22	19	49	14.8*	41.289	N	23.332	E	5	G		0.3	6	GREECE-BULGARIA BORDER REGION. ML 2.5 (THE).		
22	20	02	43.9	65.145	N	141.187	W	10	G		1.0	16	NORTHERN ALASKA. ML 2.6 (AEIC), 3.3 (PGC).		
22	20	11	36.9	37.004	N	3.895	W	10			1.0	25	SPAIN. mbLg 3.6 (MDD). Felt (IV) in the Arenas del Rey area.		
22	20	46	29.6&	63.097	N	150.430	W	111				67	CENTRAL ALASKA. <AEIC>.		
22	22	37	21.2	41.139	N	20.142	E	5	G		0.8	34	ALBANIA. ML 3.1 (TIR), 3.1 (TTG), 2.9 (THE). MD 3.2 (ATH).		
22	22	48	19.5	32.937	S	71.497	W	10	G		0.9	12	NEAR COAST OF CENTRAL CHILE. MD 4.3 (SAN).		
22	23	35	45.1?	17.91	S	179.52	W	635	?	4.9	1.0	26	FIJI ISLANDS REGION		
22	23	39	59.8*	50.242	N	129.393	W	10	G	3.2	1.1	26	VANCOUVER ISLAND REGION. ML 3.2 (PGC).		
22	23	43	10.3*	50.114	N	129.625	W	10	G	3.2	0.5	12	VANCOUVER ISLAND REGION. ML 3.3 (PGC).		
23	00	28	06.8&	34.148	N	116.432	W	5				8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 3.0 (GS).		
23	00	41	39.0?	42.24	N	122.00	W	5	G		0.4	8	OREGON. MD 2.6 (GS).		
23	01	09	36.5*	45.182	N	14.900	E	5	G		1.1	6	NORTHWESTERN BALKAN REGION. MD 2.8 (LJU), 2.4 (TRI).		
23	01	28	37.3&	58.950	N	153.378	W	83				26	KODIAK ISLAND REGION. <AEIC>.		
23	02	25	46.1&	63.491	N	151.639	W	10	G			49	CENTRAL ALASKA. <AEIC>. ML 3.3 (AEIC), 3.5 (PMR).		
23	03	25	50.6*	44.222	N	149.019	E	33	N	4.0	1.2	8	KURIL ISLANDS		
23	04	17	58.8*	6.572	S	147.131	E	51	?	4.2	0.6	5	EASTERN NEW GUINEA REG., P.N.G.		
23	04	27	30.9?	52.65	N	170.72	W	33	N	3.7	1.8	8	FOX ISLANDS, ALEUTIAN ISLANDS		
23	07	24	31.7?	45.61	N	14.26	E	10	G		0.5	4	NORTHWESTERN BALKAN REGION. ML 1.2 (LJU).		
23	09	18	16.5*	39.874	N	33.078	E	10	G		1.4	6	TURKEY		
23	10	01	10.6?	16.55	N	100.05	W	10	G		1.1	6	NEAR COAST OF GUERRERO, MEXICO		
23	10	12	19.4	23.553	S	176.670	W	84	D	5.0	1.1	78	SOUTH OF FIJI ISLANDS. Mo=1.7*10**17 Nm (PPT).		
23	10	26	13.6	41.876	N	19.976	E	10	G		0.7	11	ALBANIA. ML 2.4 (TTG), 2.2 (TIR).		
23	11	38	25.1&	42.398	N	122.030	W	11				15	OREGON. <SEA-P>. MD 2.8 (SEA). ML 2.6 (GS).		
23	12	47	21.6*	3.914	S	143.010	E	10	G	4.2	0.7	5	NEAR N COAST OF NEW GUINEA, PNG.		
23	13	21	16.7	48.541	N	128.980	W	10	G	3.9	1.1	30	VANCOUVER ISLAND REGION		
23	14	05	44.9*	44.349	N	8.208	E	13			0.3	8	NORTHERN ITALY. ML 2.1 (GEN).		
a	23	14	22	35.1	36.756	N	2.937	W	27	5.0	4.9	1.1	292	STRAIT OF GIBRALTAR. Mw 5.3 (HRV). mbLg 5.0 (MDD). MD 4.7 (RBA). Slight damage (VII) in the Adra area, Spain. Felt in Almeria, Ciudad Real, Granada, Jaen, Madrid, Malaga and Toledo Provinces, Spain.	
23	14	34	46.7*	36.692	N	3.018	W	10	G		0.9	8	STRAIT OF GIBRALTAR. mbLg 3.4 (MDD). Felt (IV) in the Adra area, Spain.		
23	14	53	08.6?	36.65	N	3.01	W	10	G		1.3	4	STRAIT OF GIBRALTAR. mbLg 2.7 (MDD).		
23	15	28	18.2*	36.942	N	3.883	W	10	G		1.2	5	STRAIT OF GIBRALTAR. mbLg 2.8 (MDD).		
23	15	51	35.1	6.410	N	33.455	W	10	G	4.6	0.9	26	CENTRAL MID-ATLANTIC RIDGE		
23	15	57	54.7?	6.03	N	82.69	W	10	G	4.0	1.2	6	SOUTH OF PANAMA. MD 4.1 (UPA).		
23	16	05	13.1	38.186	N	24.177	E	10	G		0.9	13	AEGEAN SEA. ML 3.0 (ATH), 2.8 (THE).		
23	16	23	48.8?	22.28	S	67.54	W	180	G	4.1	1.0	7	CHILE-BOLIVIA BORDER REGION		
23	16	44	31.5	6.369	S	154.924	E	46	D	5.0	1.0	54	SOLOMON ISLANDS		
23	16	45	25.0	40.947	N	21.543	E	10	G		0.8	9	GREECE. ML 2.3 (THE).		
23	18	00	07.9	36.769	N	2.940	W	21			1.2	38	STRAIT OF GIBRALTAR. mbLg 3.8 (MDD). Felt (IV) in the Adra area, Spain.		
23	19	08	47.8&	64.775	N	147.996	W	27				21	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC).		
23	20	57	00.7	5.894	S	145.729	E	10	G	3.3	0.8	6	EASTERN NEW GUINEA REG., P.N.G.		
23	21	32	13.4?	12.28	N	122.27	E	10	G		0.5	4	LUZON, PHILIPPINE ISLANDS		
23	21	41	23.8*	40.566	N	23.601	E	10	G		0.5	5	GREECE. ML 2.0 (THE).		
24	00	09	09.4	50.528	N	173.702	W	33	N	4.8	1.1	105	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.3 (PMR).		
24	00	13	15.4?	37.51	N	3.92	W	10	G		1.5	4	SPAIN. mbLg 2.4 (MDD).		
24	00	21	38.5	16.010	N	86.620	W	10	G	4.8	0.9	98	CARIBBEAN SEA. Felt at Roatan, Bahia Islands.		
24	01	00	07.0?	36.71	N	2.97	W	10	G		1.0	4	STRAIT OF GIBRALTAR. mbLg 2.6 (MDD).		
24	01	55	07.2?	73.82	N	9.15	E	10	G		0.7	6	GREENLAND SEA. MD 2.9 (BER).		
24	02	12	14.9*	44.493	N	8.153	E	5	G		0.2	9	NORTHERN ITALY. ML 2.2 (GEN).		
24	02	14	06.6?	18.22	N	67.10	W	33	N		0.4	5	MONA PASSAGE		

24	02	25	18.7%	33.432	S	70.448	W	90	?	0.3	10	CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).		
24	02	28	21.9%	33.584	S	70.337	W	103	?	0.3	9	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).		
24	02	33	28.3	13.947	S	170.436	E	638		0.9	155	VANUATU ISLANDS REGION		
24	02	34	56.4*	36.565	N	21.313	E	33	N	1.1	15	SOUTHERN GREECE. ML 3.7 (ATH), 3.2 (THE).		
24	04	03	14.2%	40.540	N	23.548	E	5	G	0.4	5	GREECE. ML 1.6 (THE).		
24	04	04	08.4	18.413	S	69.234	W	111	D	5.1	1.0	107	NORTHERN CHILE	
24	05	09	35.8%	40.859	N	21.413	E	5	G	0.3	5	GREECE. ML 2.0 (THE).		
a 24	05	18	34.6	21.853	S	178.646	W	445	D	5.6	1.0	376	FIJI ISLANDS REGION. Mw 5.8 (HRV). Mo=1.3*10**18 Nm (PPT).	
24	05	44	39.7%	59.936	N	152.798	W	93				62	SOUTHERN ALASKA. <AEIC>.	
24	06	11	41.8%	44.528	N	6.845	E	5	G	0.5	11	FRANCE. ML 2.3 (GEN).		
24	06	33	53.7?	45.54	N	14.41	E	10	G	0.6	4	NORTHWESTERN BALKAN REGION. MD 2.3 (LJU).		
24	07	31	34.3?	34.41	S	70.58	W	120	G	0.1	9	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).		
24	07	59	44.3%	63.107	N	150.863	W	140				61	CENTRAL ALASKA. <AEIC>.	
24	08	06	23.9*	7.981	N	124.474	E	33	N	0.6	5	MINDANAO, PHILIPPINE ISLANDS		
24	08	19	09.9?	19.79	S	172.82	W	33	N	5.1	1.3	7	TONGA ISLANDS REGION	
24	08	32	21.4	50.776	N	6.873	E	10	G	0.5	15	GERMANY. ML 2.5 (BNS). Felt (IV) in the epicentral area.		
24	08	32	40.3	43.586	N	7.957	E	10	G	0.7	19	NEAR SOUTH COAST OF FRANCE. ML 3.3 (GEN), 2.8 (STR).		
24	08	57	08.1	43.360	N	20.485	E	5	G	0.9	12	NORTHWESTERN BALKAN REGION. ML 2.6 (TTG).		
24	09	57	02.7?	59.54	N	5.67	E	10	G	0.4	4	SOUTHERN NORWAY. MD 1.8 (BER).		
24	11	00	27.5%	44.542	N	6.838	E	5	G	0.7	12	FRANCE. ML 2.5 (GEN).		
24	11	21	02.5	44.934	N	117.303	W	5	G	0.7	12	OREGON. MD 3.0 (GS).		
24	12	24	06.5*	41.596	N	22.355	E	10	G	0.4	7	NORTHWESTERN BALKAN REGION. ML 2.4 (THE), 2.2 (SKO).		
24	12	42	06.2*	36.715	N	2.979	W	10	G	0.9	7	STRAIT OF GIBALTAR. mbLg 3.6 (MDD). Felt (IV) in the Adra area, Spain.		
24	13	12	53.4%	44.343	N	7.287	E	5	G	0.1	5	NORTHERN ITALY. ML 1.5 (GEN).		
24	13	26	46.9?	9.14	S	124.19	E	186	?	0.7	6	TIMOR REGION, INDONESIA		
24	13	33	17.5%	43.516	N	7.859	E	5	G	0.4	10	NEAR SOUTH COAST OF FRANCE. ML 2.6 (GEN).		
24	13	52	39.9?	31.10	S	69.57	W	10	G	0.4	5	SAN JUAN PROVINCE, ARGENTINA		
24	13	54	43.4%	62.236	N	151.404	W	11			63	CENTRAL ALASKA. <AEIC>. ML 2.8 (AEIC).		
24	14	23	55.2*	13.032	N	143.869	E	33	N	4.3	0.3	6	SOUTH OF MARIANA ISLANDS	
24	14	52	03.8%	58.222	N	152.729	W	63		3.1	46	KODIAK ISLAND REGION. <AEIC>. ML 2.9 (AEIC).		
24	15	47	47.8*	21.583	N	119.917	E	33	N	3.9	0.5	5	TAIWAN REGION	
24	16	44	11.4?	19.79	S	178.73	W	691	*	4.7	0.3	12	FIJI ISLANDS REGION	
24	16	49	44.1	9.313	S	67.323	E	10	G	5.0	4.7	1.0	46	MID-INDIAN RIDGE
24	17	22	39.3	11.432	N	87.071	W	33	N	4.7	1.2	48	NEAR COAST OF NICARAGUA	
24	17	59	17.7%	59.826	N	152.595	W	83		2.9		61	SOUTHERN ALASKA. <AEIC>.	
24	18	23	00.5%	37.214	N	21.823	E	33	N		1.3	6	SOUTHERN GREECE. ML 3.3 (ATH).	
24	20	16	00.2?	27.67	N	140.11	E	523	?	3.4	1.1	7	BONIN ISLANDS REGION	
24	21	53	19.8	40.158	N	19.815	E	25		5.2	4.6	1.2	210	ALBANIA. MD 5.1 (TTG), 4.9 (ATH). Felt (IV) in Vlore and Tepelene Departments.
24	22	57	28.8%	32.366	N	115.347	W	6	G			5	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 2.9 (PAS).	
24	22	59	27.8*	4.117	S	135.603	E	33	N	4.8	1.2	11	IRIAN JAYA REGION, INDONESIA	
24	23	40	31.1	9.713	N	122.496	E	33	N	4.6	1.2	14	NEGROS, PHILIPPINE ISLANDS	
25	01	24	52.4%	59.546	N	137.251	W	10	G			4	SOUTHEASTERN ALASKA. <PGC-P>. ML 2.9 (PGC).	
25	01	35	51.9*	7.487	N	76.796	W	33	N	4.7	1.1	64	NORTHERN COLOMBIA	
25	01	54	58.7%	60.125	N	153.238	W	139		3.6		89	SOUTHERN ALASKA. <AEIC>.	
25	02	06	03.6*	4.310	N	127.723	E	176	?	4.6	0.6	13	TALAUD ISLANDS, INDONESIA	
25	02	18	15.7%	60.160	N	153.773	W	185				54	SOUTHERN ALASKA. <AEIC>.	
25	02	51	52.2?	6.94	S	130.54	E	140	?		1.0	5	BANDA SEA	
25	03	22	32.7	41.468	N	23.059	E	10	G		0.5	18	GREECE-BULGARIA BORDER REGION. ML 2.9 (THE).	
25	03	57	58.3%	63.824	N	148.516	W	97				42	CENTRAL ALASKA. <AEIC>.	
25	04	01	38.6?	31.30	S	68.53	W	100	G		0.7	4	SAN JUAN PROVINCE, ARGENTINA	
25	04	30	28.2	40.044	N	20.026	E	10	G		1.2	8	GREECE-ALBANIA BORDER REGION. MD 3.2 (ATH).	
25	06	49	22.7%	31.926	S	68.338	W	10	G		0.9	6	SAN JUAN PROVINCE, ARGENTINA	
25	08	31	00.3	57.368	N	142.980	W	10	G	2.8	0.6	31	GULF OF ALASKA. ML 3.1 (AEIC).	
25	09	50	27.7	12.198	N	125.780	E	54	*	4.8	0.7	24	SAMAR, PHILIPPINE ISLANDS	
25	10	02	22.4*	36.590	N	70.613	E	195	*	4.4	1.2	22	HINDU KUSH REGION, AFGHANISTAN	
25	10	13	45.9	32.445	S	71.476	W	59	?		0.4	11	NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN).	
25	10	15	27.5	34.921	N	24.217	E	37		4.8	1.2	126	CRETE. ML 4.4 (ATH), 4.5 (THE).	
25	10	29	54.6%	44.240	N	8.210	E	10	G		0.5	6	NORTHERN ITALY. ML 1.6 (GEN).	
25	10	29	59.5%	44.247	N	8.207	E	10	G		0.3	6	NORTHERN ITALY. ML 1.4 (GEN).	
25	10	30	03.0%	44.194	N	8.322	E	10	G		0.5	5	NORTHERN ITALY. ML 1.3 (GEN).	
25	10	30	35.1%	44.210	N	8.178	E	10	G		0.2	6	NORTHERN ITALY. ML 1.6 (GEN).	
25	10	30	37.2%	44.228	N	8.215	E	10	G		0.2	5	NORTHERN ITALY. ML 1.5 (GEN).	
25	10	31	08.3%	44.233	N	8.265	E	10	G		0.2	6	NORTHERN ITALY. ML 1.5 (GEN).	
25	10	31	38.1%	44.228	N	8.245	E	10	G		0.2	8	NORTHERN ITALY. ML 1.8 (GEN).	
25	10	32	25.0%	44.228	N	8.243	E	10	G		0.2	9	NORTHERN ITALY. ML 2.0 (GEN).	
25	10	42	56.0	44.196	N	8.313	E	13			0.7	29	NORTHERN ITALY. ML 4.1 (GEN). MD 3.8 (TRI).	
25	10	43	37.3%	44.253	N	8.237	E	10	G		0.3	6	NORTHERN ITALY. ML 1.6 (GEN).	
25	10	43	40.9%	44.315	N	8.222	E	5	G		0.4	5	NORTHERN ITALY. ML 1.4 (GEN).	
25	10	43	56.0	44.223	N	8.333	E	10	G		0.6	20	NORTHERN ITALY. ML 3.9 (GEN).	
25	10	46	55.0%	44.277	N	8.194	E	5	G		0.4	7	NORTHERN ITALY. ML 1.6 (GEN).	
25	10	47	24.9%	44.254	N	8.232	E	10	G		0.5	6	NORTHERN ITALY. ML 1.5 (GEN).	
25	10	47	34.0%	44.239	N	8.172	E	10	G		0.4	8	NORTHERN ITALY. ML 1.9 (GEN).	
25	10	47	42.0?	44.27	N	8.25	E	10	G		0.1	4	NORTHERN ITALY. ML 1.3 (GEN).	
25	10	48	48.4%	44.264	N	8.208	E	5	G		0.4	9	NORTHERN ITALY. ML 1.7 (GEN).	
25	10	49	43.5%	44.244	N	8.236	E	10	G		0.3	8	NORTHERN ITALY. ML 2.2 (GEN).	
25	10	50	05.4%	44.236	N	8.214	E	10	G		0.3	9	NORTHERN ITALY. ML 2.2 (GEN).	
25	10	51	07.3%	44.245	N	8.238	E	10	G		0.4	12	NORTHERN ITALY. ML 2.8 (GEN).	
25	10	52	35.5	44.224	N	8.322	E	13			0.5	20	NORTHERN ITALY. ML 3.2 (GEN).	
25	10	54	28.8%	44.238	N	8.236	E	10	G		0.3	9	NORTHERN ITALY. ML 2.4 (GEN).	
25	10	54	50.4*	45.564	N	10.833	E	10	G		1.0	6	NORTHERN ITALY. ML 2.9 (VIE).	
25	10	55	09.8?	44.22	N	8.27	E	10	G		0.5	4	NORTHERN ITALY. ML 1.3 (GEN).	
25	10	55	39.0	44.197	N	8.326	E	10	G		0.6	21	NORTHERN ITALY. ML 3.3 (GEN).	
25	11	02	50.1	44.265	N	8.224	E	10	G		0.4	18	NORTHERN ITALY. ML 3.1 (GEN).	
25	11	06	08.4%	44.254	N	8.208	E	5	G		0.4	8	NORTHERN ITALY. ML 2.4 (GEN).	
25	11	06	56.2?	44.25	N	8.23	E	10	G		0.1	4	NORTHERN ITALY. ML 1.3 (GEN).	
25	11	08	41.7%	44.233	N	8.241	E	10	G		0.3	7	NORTHERN ITALY. ML 2.0 (GEN).	
25	11	09	13.9?	44.24	N	8.25	E	10	G		0.8	4	NORTHERN ITALY. ML 1.3 (GEN).	
25	11	09	52.4%	44.232	N	8.241	E	10	G		0.2	9	NORTHERN ITALY. ML 2.4 (GEN).	

25	11	14	43.9%	44.245 N	8.219 E	10 G	0.2	10	NORTHERN ITALY. ML 2.4 (GEN).
25	11	22	27.6%	44.240 N	8.203 E	10 G	0.5	8	NORTHERN ITALY. ML 1.9 (GEN).
25	11	23	47.1	44.265 N	8.234 E	10 G	0.5	19	NORTHERN ITALY. ML 3.2 (GEN).
25	11	24	33.8%	44.239 N	8.208 E	10 G	0.3	9	NORTHERN ITALY. ML 2.2 (GEN).
25	11	30	11.2%	44.236 N	8.224 E	10 G	0.3	10	NORTHERN ITALY. ML 2.1 (GEN).
25	11	30	24.9	44.223 N	8.316 E	10 G	0.6	17	NORTHERN ITALY. ML 3.3 (GEN).
25	11	30	28.5%	44.243 N	8.239 E	10 G	0.5	12	NORTHERN ITALY. ML 3.4 (GEN).
25	11	33	01.7%	44.235 N	8.229 E	10 G	0.2	9	NORTHERN ITALY. ML 2.4 (GEN).
25	11	35	26.5%	44.235 N	8.214 E	10 G	0.4	8	NORTHERN ITALY. ML 2.0 (GEN).
25	11	36	28.2	44.248 N	8.229 E	10 G	0.2	7	NORTHERN ITALY. ML 1.8 (GEN).
25	11	36	49.6%	44.261 N	8.231 E	10 G	0.4	5	NORTHERN ITALY. ML 1.5 (GEN).
25	11	41	53.1*	8.154 S	119.753 E	157 ?	4.6	0.8	17 FLORES REGION, INDONESIA
25	11	52	56.6%	44.236 N	8.230 E	10 G	0.4	7	NORTHERN ITALY. ML 1.7 (GEN).
25	11	53	31.1%	44.228 N	8.193 E	10 G	0.1	7	NORTHERN ITALY. ML 2.0 (GEN).
25	11	53	33.1%	44.226 N	8.236 E	10 G	0.3	9	NORTHERN ITALY. ML 2.0 (GEN).
25	12	13	11.9%	42.305 N	121.978 W	4	3.2	52	OREGON. <SEA-P>. MD 3.4 (SEA). ML 3.4 (GS), 3.3 (BRK).
25	12	29	27.0%	33.711 S	70.047 W	10 G	0.3	9	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
25	12	33	29.1%	42.278 N	122.004 W	0	3.8	102	OREGON. <SEA-P>. ML 4.0 (GS), 3.7 (BRK). MD 4.0 (SEA). Felt (V) at Beatty and Chiloquin; (III) at Edgewood. (II) at Dairy and Merrill. Also felt at Klamath Falls.
25	12	40	43.2%	44.235 N	8.219 E	10 G	0.3	9	NORTHERN ITALY. ML 2.2 (GEN).
25	12	42	44.1?	44.22 N	8.26 E	10 G	0.4	4	NORTHERN ITALY. ML 1.4 (GEN).
25	12	42	53.6%	44.232 N	8.220 E	10 G	0.5	9	NORTHERN ITALY. ML 2.1 (GEN).
25	12	46	05.2%	44.234 N	8.232 E	10 G	0.2	9	NORTHERN ITALY. ML 2.0 (GEN).
25	13	10	26.1%	42.296 N	121.959 W	3		22	OREGON. <SEA-P>. MD 2.6 (SEA), 2.7 (GS).
25	13	18	04.7%	42.288 N	121.934 W	8		18	OREGON. <SEA-P>. MD 2.7 (SEA). ML 2.7 (GS).
25	13	22	50.7	44.262 N	8.226 E	9	0.4	18	NORTHERN ITALY. ML 2.5 (GEN).
25	13	28	05.2*	10.272 S	161.288 E	114 *	4.5	1.0	13 SOLOMON ISLANDS
a	14	07	13.8	5.767 S	104.186 E	77 *	5.1	1.2	89 SOUTHERN SUMATERA, INDONESIA. Mw 5.2 (HRV).
25	14	24	38.5%	37.638 N	118.973 W	8		45	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM).
25	15	10	12.1	38.342 N	21.865 E	10 G		1.1	11 GREECE. ML 3.0 (ATH), 2.9 (THE).
25	15	33	35.5	37.467 N	68.253 E	33 N	4.5	1.0	32 AFGHANISTAN-TAJIKISTAN BORD REG.
25	15	33	41.5%	44.422 N	7.227 E	5 G		0.1	5 NORTHERN ITALY. ML 2.1 (GEN).
25	15	43	57.6?	44.43 N	7.25 E	5 G		0.2	4 NORTHERN ITALY. ML 1.8 (GEN).
25	16	08	17.4%	62.891 N	149.281 W	70		60	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC).
25	16	23	20.2	43.782 N	7.267 E	11		0.5	15 NEAR SOUTH COAST OF FRANCE. ML 2.4 (GEN).
25	16	44	22.3%	46.506 N	75.606 W	18 G		21	SOUTHERN QUEBEC, CANADA. <OTT-P>. mbLg 4.3 (OTT). Felt strongly at Mont-Laurier. Also felt at Maniwaki.
25	16	48	19.7%	44.227 N	8.230 E	10 G	0.3	7	NORTHERN ITALY. ML 2.0 (GEN).
25	17	21	05.3%	60.504 N	151.777 W	68		50	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.7 (AEIC).
25	18	12	10.8%	44.386 N	6.801 E	10 G	0.3	8	FRANCE. ML 2.3 (GEN).
25	18	41	53.0?	40.66 N	23.47 E	5 G	0.5	4	GREECE. ML 1.8 (THE).
25	19	11	17.7?	32.54 S	72.10 W	10 G	0.5	10	OFF COAST OF CENTRAL CHILE. MD 3.8 (SAN).
25	19	26	28.1%	38.807 N	122.789 W	5		45	NORTHERN CALIFORNIA. <GM-P>. MD 3.0 (GM). ML 3.0 (BRK).
25	19	57	01.5?	44.94 N	6.72 E	33 N		0.8	5 FRANCE. ML 1.8 (GEN).
25	20	28	19.7?	36.78 N	2.99 W	10 G	1.2	4	STRAIT OF GIBRALTAR. mbLg 2.9 (MDD).
25	20	38	02.6?	44.46 N	7.29 E	5 G	0.2	4	NORTHERN ITALY. ML 1.6 (GEN).
25	20	47	46.7%	59.999 N	152.442 W	86		51	SOUTHERN ALASKA. <AEIC>.
25	20	52	58.7?	45.18 N	16.54 E	10 G	1.4	8	NORTHWESTERN BALKAN REGION. MD 3.4 (TRI).
25	20	54	34.3	5.570 S	147.680 E	203	4.7	0.9	26 EASTERN NEW GUINEA REG., P.N.G.
25	21	30	18.8?	39.04 N	23.37 E	33 N		0.7	5 AEGEAN SEA. ML 2.4 (THE).
25	21	37	44.9	71.575 N	4.074 W	10 G	4.5 4.0	1.1	33 JAN MAYEN ISLAND REGION
25	22	30	38.4*	10.958 S	161.223 E	33 N	4.4 4.4	0.5	7 SOLOMON ISLANDS
25	22	47	20.9%	44.236 N	8.241 E	11		0.2	9 NORTHERN ITALY. ML 2.6 (GEN).
25	22	50	37.9%	44.243 N	8.226 E	10 G		0.2	12 NORTHERN ITALY. ML 3.4 (GEN).
25	22	51	32.9%	44.236 N	8.227 E	10 G		0.3	9 NORTHERN ITALY. ML 2.1 (GEN).
25	22	52	31.7%	44.246 N	8.223 E	10 G		0.3	9 NORTHERN ITALY. ML 2.4 (GEN).
25	22	53	11.9%	44.238 N	8.241 E	10 G		0.3	9 NORTHERN ITALY. ML 2.1 (GEN).
25	22	53	35.4*	6.459 S	154.921 E	88 *	4.8	0.7	13 SOLOMON ISLANDS
25	23	34	20.9	38.241 N	20.672 E	5 G		0.5	14 GREECE. ML 3.5 (ATH).
26	01	15	39.5?	30.94 S	177.82 W	50 G	4.7	1.7	8 Kermadec Islands, New Zealand
26	05	33	47.0	2.471 S	80.891 W	41 D	4.8 4.4	1.0	56 NEAR COAST OF ECUADOR
26	06	16	05.4*	12.451 S	124.084 E	33 N	4.7	1.0	9 SOUTH OF TIMOR, INDONESIA
26	07	08	49.9?	41.91 N	20.03 E	10 G		0.9	9 ALBANIA. ML 2.6 (TTG).
26	08	08	34.9%	39.981 N	23.701 E	10 G		0.4	6 AEGEAN SEA. ML 2.2 (THE).
26	08	26	30.7%	37.642 N	118.818 W	1		17	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM).
26	08	42	45.1%	59.953 N	152.865 W	92		46	SOUTHERN ALASKA. <AEIC>.
26	08	45	48.6	38.628 N	68.926 E	19 *	5.0	1.0	63 TAJIKISTAN
26	08	55	42.2%	44.527 N	6.831 E	10 G		0.3	6 FRANCE. ML 2.1 (GEN).
26	08	58	23.4?	36.76 N	6.69 W	10 G		1.3	6 STRAIT OF GIBRALTAR. mbLg 2.8 (MDD).
26	09	58	52.9*	35.967 N	21.593 E	33 N		1.0	16 CENTRAL MEDITERRANEAN SEA. ML 3.7 (ATH), 3.6 (THE).
26	10	20	11.5	41.512 N	19.538 E	5 G		0.8	23 ALBANIA. ML 3.1 (TIR), 2.8 (TTG).
26	10	43	52.3%	18.409 N	66.302 W	60 G		0.4	6 PUERTO RICO REGION
26	12	43	27.9%	11.293 N	61.550 W	90 G		1.4	5 WINDWARD ISLANDS. MD 3.1 (TRN).
26	13	43	25.1	20.157 N	145.337 E	134 D	4.8	1.1	42 MARIANA ISLANDS
26	14	19	00.6*	20.470 S	173.682 W	33 N	4.8 4.1	1.0	28 TONGA ISLANDS
26	14	20	23.4?	34.84 S	71.04 W	100 G		0.2	7 NEAR COAST OF CENTRAL CHILE. MD 3.4 (SAN).
26	14	39	31.7	38.153 N	21.761 E	10 G		1.1	12 GREECE. MD 3.1 (ATH). ML 2.8 (THE).
26	15	26	28.4	40.053 N	19.794 E	5 G		0.9	28 ALBANIA. ML 3.7 (TTG), 3.5 (THE), 3.0 (TIR).
26	16	17	12.1?	36.17 S	70.04 W	190 *		0.6	14 CHILE-ARGENTINA BORDER REGION. MD 4.2 (SAN).
26	16	19	01.0	37.076 N	117.912 W	5 G		0.8	20 CALIFORNIA-NEVADA BORDER REGION. ML 2.9 (GS).
26	18	01	58.5?	36.76 N	7.32 W	10 G		1.0	6 STRAIT OF GIBRALTAR. mbLg 2.7 (MDD).
26	18	12	30.8?	13.29 N	59.91 W	10 G		0.5	7 WINDWARD ISLANDS. MD 3.2 (TRN).
26	18	24	12.8	32.841 S	71.479 W	22		0.8	13 NEAR COAST OF CENTRAL CHILE. MD 4.1 (SAN).
26	18	57	36.3*	44.625 N	129.734 W	10 G	4.1	1.0	30 OFF COAST OF OREGON
26	19	09	02.4?	46.69 N	154.29 E	33 N	4.8	1.2	12 EAST OF KURIL ISLANDS
26	19	21	00.5?	40.04 N	19.81 E	5 G		1.0	8 ALBANIA. ML 2.8 (THE).
26	19	48	49.0%	44.034 N	7.653 E	5 G		0.5	6 NORTHERN ITALY. ML 2.1 (GEN).
26	19	54	01.4*	2.977 N	125.037 E	33 N	4.8	0.4	10 TALAUD ISLANDS, INDONESIA
26	22	55	21.5*	41.509 N	19.610 E	10 G		0.3	5 ALBANIA. ML 2.6 (TIR).
26	23	09	47.6*	32.611 S	68.747 W	24		0.7	13 MENDOZA PROVINCE, ARGENTINA. MD 4.3 (SAN).
26	23	46	07.5?	44.42 N	7.24 E	5 G		0.0	4 NORTHERN ITALY. ML 1.9 (GEN).
27	03	06	33.0?	37.49 N	75.81 E	33 N		0.7	7 TAJIKISTAN-XINJIANG BORDER REG.

27	03	36	34.8?	45.83	N	6.89	E	5	G	0.3	6	FRANCE. ML 2.5 (GEN).
27	03	41	30.4?	0.12	S	16.45	W	10	G	4.8	6	NORTH OF ASCENSION ISLAND
27	05	20	41.7	61.197	N	2.716	E	10	G	3.7	0.9	44 NORWEGIAN SEA. MD 3.3 (BER).
27	05	30	18.1	18.227	N	100.675	W	33	N	3.9	1.0	15 GUERRERO, MEXICO
27	05	41	05.8*	6.932	N	73.053	W	163	*	4.5	1.1	13 NORTHERN COLOMBIA
27	05	53	54.6	44.943	N	9.090	E	20			0.8	17 NORTHERN ITALY. ML 2.8 (GEN).
27	05	56	06.8?	47.29	N	10.90	E	10	G		0.2	5 AUSTRIA. ML 1.9 (VIE).
27	06	59	33.2%	33.818	S	70.130	W	10	G		0.3	8 CHILE-ARGENTINA BORDER REGION. MD 3.8 (SAN).
27	07	00	11.6	20.490	S	173.563	W	33	N	5.2	1.0	78 TONGA ISLANDS
27	07	38	00.1%	35.988	N	120.111	W	16				11 CENTRAL CALIFORNIA. <GM-P>. MD 2.4 (GM). ML 2.5 (GS), 2.4 (PAS).
27	07	43	47.7*	3.914	N	74.062	W	68	*	3.5	1.3	10 COLOMBIA
27	09	13	44.0?	47.25	N	11.27	E	10	G		0.3	4 AUSTRIA. ML 1.4 (VIE).
27	09	32	24.4?	15.20	N	123.02	E	33	N		0.2	4 PHILIPPINE ISLANDS REGION
27	09	35	40.2%	63.377	N	149.600	W	113				73 CENTRAL ALASKA. <AEIC>.
27	11	53	37.3	7.640	S	146.806	E	33	N	5.2	0.8	33 EASTERN NEW GUINEA REG., P.N.G. ML 5.2 (PMG).
27	13	54	05.4	46.042	N	13.538	E	10	G		0.7	6 AUSTRIA. ML 2.2 (VIE), 1.9 (LJU). MD 2.0 (TRI).
27	14	13	08.0%	34.073	N	116.384	W	3				5 SOUTHERN CALIFORNIA. <PAS-P>. ML 2.5 (PAS). Felt.
27	15	03	41.0*	31.520	S	70.756	W	135	?		0.6	13 CHILE-ARGENTINA BORDER REGION. MD 4.0 (SAN).
27	15	08	01.1	10.250	N	121.998	E	37	*	4.7	1.1	10 PANAY, PHILIPPINE ISLANDS
27	15	38	17.3%	60.870	N	5.003	E	10	G		0.3	5 SOUTHERN NORWAY. MD 1.6 (BER).
27	16	02	57.1%	62.474	N	149.811	W	68		4.7	156	CENTRAL ALASKA. <AEIC>. ML 4.7 (AEIC), 4.8 (PMR). Felt (V) at Talkeetna; (IV) at Eagle River, Wasilla and Willow; (III) at Anchorage, Chickaloon and Skwentna; (II) at Palmer.
27	16	30	34.9*	36.445	N	7.777	W	33	N		1.1	9 STRAIT OF GIBRALTAR. mbLg 3.0 (MDD).
27	17	26	03.0?	37.48	N	2.07	W	5	G		1.1	4 SPAIN. mbLg 2.7 (MDD).
27	18	21	11.2	1.160	S	121.276	E	34	*	4.8 4.3	0.9	27 SULAWESI, INDONESIA
27	19	09	10.0*	5.872	S	145.439	E	33	N	3.6	0.2	6 EASTERN NEW GUINEA REG., P.N.G.
27	19	54	46.9*	31.219	S	68.640	W	100	G		0.1	5 SAN JUAN PROVINCE, ARGENTINA
27	19	58	17.6	44.359	N	7.304	E	14			0.5	18 NORTHERN ITALY. ML 2.7 (GEN).
27	20	01	14.7?	44.38	N	7.38	E	10	G		0.2	4 NORTHERN ITALY. ML 1.6 (GEN).
27	20	01	56.8%	36.742	N	3.009	W	10	G		0.5	7 STRAIT OF GIBRALTAR. mbLg 3.1 (MDD). Felt (III) in the Adra area, Spain.
27	20	14	05.6?	44.37	N	7.37	E	10	G		0.2	4 NORTHERN ITALY. ML 1.6 (GEN).
27	21	26	13.3?	44.38	N	7.39	E	10	G		0.1	4 NORTHERN ITALY. ML 1.6 (GEN).
27	21	53	17.8	40.213	N	19.853	E	10	G		1.1	54 ALBANIA
27	22	00	41.3*	31.026	N	131.570	E	47	*	4.4 4.0	1.0	24 KYUSHU, JAPAN
27	23	43	59.1?	18.35	N	67.23	W	33	N		1.5	5 MONA PASSAGE
28	00	04	03.8?	44.37	N	7.36	E	10	G		0.1	4 NORTHERN ITALY. ML 1.8 (GEN).
28	00	06	11.0%	62.572	N	151.300	W	91			53	CENTRAL ALASKA. <AEIC>.
28	00	16	18.7?	20.92	S	179.37	W	630	*	4.5	0.6	12 FIJI ISLANDS REGION
28	00	41	34.3?	5.62	S	152.49	E	33	N	4.3	0.7	5 NEW BRITAIN REGION, P.N.G.
28	03	16	21.1?	44.72	N	6.71	E	5	G		0.3	4 FRANCE. ML 1.8 (GEN).
28	03	25	36.1%	59.900	N	147.396	W	20				51 GULF OF ALASKA. <AEIC>. ML 2.6 (AEIC).
a 28	03	29	43.6	12.519	N	125.267	E	40		5.6 5.6	1.1	190 SAMAR, PHILIPPINE ISLANDS. Mw 5.9 (HRV).
a 28	04	18	31.1?	45.30	N	26.95	E	10	G		0.9	4 ROMANIA
a 28	04	35	21.0	12.470	N	125.288	E	24	D	5.3 4.8	0.9	88 SAMAR, PHILIPPINE ISLANDS. Mw 5.2 (HRV).
28	04	57	11.7*	0.972	N	121.764	E	33	N	4.4	0.7	10 MINAHASSA PENINSULA, SULAWESI
28	05	05	49.2%	42.670	N	1.738	E	10	G		0.3	6 PYRENEES. ML 1.7 (STR).
28	05	34	23.6?	7.08	S	128.20	E	116	?	4.3	0.6	6 BANDA SEA
28	05	37	37.4	43.404	N	17.073	E	6			1.0	35 NORTHWESTERN BALKAN REGION. MD 4.1 (TRI). ML 3.8 (ZAG), 3.7 (TTG). Felt at Imotski, Ricice and Makarska, Croatia.
28	05	42	00.7	1.899	S	120.925	E	61	*	5.1	1.1	36 SULAWESI, INDONESIA
28	07	25	31.8%	58.306	N	153.482	W	72				61 KODIAK ISLAND REGION. <AEIC>.
28	07	28	51.3?	43.97	N	9.80	E	10	G		0.5	7 CORSICA. ML 2.6 (GEN).
28	07	45	39.1?	16.83	N	100.41	W	33	N		0.8	5 NEAR COAST OF GUERRERO, MEXICO
28	08	12	58.5%	58.972	N	154.613	W	122				87 ALASKA PENINSULA. <AEIC>.
28	08	37	24.2%	45.056	N	7.281	E	10	G		0.2	5 NORTHERN ITALY. ML 2.1 (GEN).
28	08	43	45.0	56.780	N	156.455	W	33	N	4.6	0.9	104 ALASKA PENINSULA. ML 4.7 (AEIC), 4.8 (PMR).
28	09	42	23.8%	40.486	N	21.917	E	5	G		0.8	5 GREECE. ML 1.9 (THE).
28	10	01	48.3%	43.080	N	18.796	E	10	G		0.3	9 NORTHWESTERN BALKAN REGION. ML 1.7 (TTG).
28	10	29	50.4	37.300	N	20.974	E	33	N		1.0	20 IONIAN SEA. MD 3.8 (ATH). ML 3.5 (THE).
28	10	32	09.9*	6.435	S	102.631	E	33	N	4.8	0.6	11 SOUTHWEST OF SUMATERA, INDONESIA
28	10	49	29.3?	15.43	N	60.86	W	120	G		0.2	6 LEEWARD ISLANDS. MG 2.6 (FDF).
28	11	05	54.5*	4.013	S	142.278	E	10	G	4.3	1.2	5 NEW GUINEA, PAPUA NEW GUINEA
28	12	45	06.4?	34.52	S	70.46	W	120	G		0.1	9 CHILE-ARGENTINA BORDER REGION. MD 3.9 (SAN).
28	13	02	22.6?	31.64	S	68.83	W	100	G		0.2	5 SAN JUAN PROVINCE, ARGENTINA
28	13	12	28.8	43.376	N	17.103	E	5	G		0.7	20 NORTHWESTERN BALKAN REGION. MD 3.7 (TRI). ML 3.4 (TTG).
28	13	20	51.4%	43.008	N	18.803	E	10	G		0.4	9 NORTHWESTERN BALKAN REGION. ML 1.7 (TTG).
28	13	38	53.6?	6.94	N	126.14	E	10	G		1.0	5 MINDANAO, PHILIPPINE ISLANDS
28	14	29	20.3%	44.382	N	7.352	E	10	G		0.4	5 NORTHERN ITALY. ML 1.7 (GEN).
28	15	52	25.5*	12.493	N	125.330	E	59	?	4.7	1.0	14 SAMAR, PHILIPPINE ISLANDS
28	15	55	17.8	39.999	N	19.565	E	26		3.6	1.0	45 GREECE-ALBANIA BORDER REGION. MD 4.1 (ATH). ML 3.9 (TTG), 3.8 (TIR). Felt (IV) in Sarande and Vlore Departments, Albania.
28	16	28	01.8%	60.090	N	152.352	W	94				66 SOUTHERN ALASKA. <AEIC>.
28	16	52	26.6%	44.365	N	7.353	E	10	G		0.6	8 NORTHERN ITALY. ML 2.0 (GEN).
28	17	35	35.6?	40.21	N	19.93	E	5	G		0.2	4 ALBANIA. ML 2.2 (TIR).
28	18	26	00.2*	52.161	N	171.212	W	33	N	4.7	0.9	22 FOX ISLANDS, ALEUTIAN ISLANDS
28	19	12	03.3?	5.56	S	146.90	E	201	?	4.5	1.2	5 EASTERN NEW GUINEA REG., P.N.G.
28	19	22	46.6*	47.336	N	9.567	E	10	G		1.0	9 GERMANY. ML 2.8 (VIE).
28	19	37	34.4*	24.859	N	125.311	E	79	?	4.2	0.8	16 SOUTHWESTERN RYUKYU ISLANDS
28	20	06	11.2%	36.591	N	121.112	W	9				36 CENTRAL CALIFORNIA. <GM-P>. MD 2.8 (GM).
28	21	02	28.7	43.483	N	110.132	W	8		4.7	1.0	65 WYOMING. ML 4.7 (BUT). Felt (V) at Moose; (IV) at Dubois and Lander; (III) at Bondurant, Cora, Crowheart and Kelly; (II) at Thermopolis. Also felt at Hudson, Jackson and Rock Springs. Felt (III) at Driggs and St. Anthony, Idaho.
28	22	02	18.9?	45.39	N	14.43	E	10	G		0.2	4 NORTHWESTERN BALKAN REGION
28	22	20	47.5	49.356	N	155.614	E	54		5.1	0.8	190 KURIL ISLANDS
29	00	19	47.2%	31.305	S	68.796	W	100	G		0.1	5 SAN JUAN PROVINCE, ARGENTINA

29	01 15 05.0	1.067 S	23.082 W	10 G	4.8	0.7	30	CENTRAL MID-ATLANTIC RIDGE
29	02 26 35.7%	40.329 N	25.524 E	10 G		0.3	6	AEGEAN SEA. ML 2.8 (THE).
29	02 35 21.7	49.147 N	6.871 E	5 G		0.7	11	GERMANY. ML 2.6 (STR), 1.9 (UCC).
29	02 37 34.9?	31.75 S	67.94 W	5 G		0.7	4	SAN JUAN PROVINCE, ARGENTINA
29	02 58 50.1	44.707 N	6.759 E	11		0.5	15	FRANCE. ML 2.5 (GEN).
29	03 23 47.0%	60.210 N	153.098 W	124			39	SOUTHERN ALASKA. <AEIC>.
29	03 35 02.4%	44.334 N	9.177 E	10 G		0.4	11	NORTHERN ITALY. ML 2.7 (GEN).
29	04 03 53.8%	44.210 N	7.105 E	5 G		0.4	5	NORTHERN ITALY. ML 1.7 (GEN).
29	04 11 00.6%	37.449 N	4.064 W	10 G		0.5	5	SPAIN. mbLg 2.6 (MDD).
29	05 54 25.2	49.147 N	6.842 E	5 G		0.5	10	GERMANY. ML 2.6 (STR), 1.9 (UCC).
29	06 27 22.1%	42.983 N	18.790 E	10 G		0.5	9	NORTHWESTERN BALKAN REGION. ML 1.3 (TTG).
29	07 09 44.5?	4.01 S	151.37 E	33 N	4.2	1.0	4	NEW BRITAIN REGION, P.N.G.
29	07 25 53.3?	38.11 N	25.09 W	10 G		0.2	4	AZORES ISLANDS
29	07 44 27.9%	61.747 N	150.471 W	42			61	SOUTHERN ALASKA. <AEIC>. ML 2.7 (AEIC).
f 29	07 48 14.2	20.230 S	169.789 E	33 N	6.1 6.7	1.1	339	VANUATU ISLANDS. Mw 6.4 (GS), 7.0 (HRV). Ms 6.8 (BRK). Mo=7.3*10**19 Nm (PPT).
29	08 00 55.3	20.076 S	169.680 E	33 N	5.9	1.0	206	VANUATU ISLANDS
29	08 07 45.4?	20.12 S	170.25 E	33 N	5.2	1.3	12	VANUATU ISLANDS
29	08 32 15.6%	36.706 N	122.470 W	17			44	CENTRAL CALIFORNIA. <GM-P>. MD 2.9 (GM).
29	08 38 07.4	20.132 S	169.653 E	33 N	5.4	1.1	123	VANUATU ISLANDS
a 29	08 39 44.8	19.990 S	169.857 E	33 N	6.1 6.5	1.1	286	VANUATU ISLANDS. Mw 6.5 (HRV).
29	08 42 20.7	19.983 S	169.756 E	33 N	5.8	1.4	128	VANUATU ISLANDS
29	08 46 17.1%	39.999 N	20.520 E	10 G		1.3	6	GREECE-ALBANIA BORDER REGION. ML 2.6 (THE).
29	09 27 48.8	40.443 N	21.871 E	5 G		0.7	8	GREECE. ML 2.0 (THE).
29	09 33 41.1%	40.185 N	25.638 E	5 G		0.5	7	AEGEAN SEA. ML 2.7 (THE).
29	09 34 38.2%	64.419 N	146.901 W	10	3.9		94	CENTRAL ALASKA. <AEIC>. ML 4.5 (AEIC), 4.8 (PMR). Slight damage (VI) at Salcha. Felt (V) at North Pole and in the Fairbanks area.
29	09 45 51.8	17.470 N	61.941 W	24 *		0.7	10	LEEWARD ISLANDS. ML 2.3 (PDF). MD 2.7 (TRN).
29	09 47 56.9*	27.517 N	128.903 E	33 N	4.0	1.2	15	RYUKYU ISLANDS
29	10 01 04.7?	8.56 N	81.76 W	10 G		1.4	4	PANAMA. MD 3.7 (UPA).
29	11 38 14.1%	63.292 N	150.853 W	12			44	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC).
29	11 45 32.4*	20.093 S	169.965 E	33 N	4.2	0.8	8	VANUATU ISLANDS
29	12 45 25.3	39.772 N	15.926 E	267	4.4	1.0	83	SOUTHERN ITALY. MD 4.1 (TTG).
29	12 57 19.7*	32.003 N	49.029 E	79 *	4.2	0.5	9	WESTERN IRAN
29	13 31 40.9	32.848 S	71.583 W	15		0.7	12	NEAR COAST OF CENTRAL CHILE. MD 4.3 (SAN).
29	15 39 57.5?	31.74 S	68.32 W	10 G		1.4	6	SAN JUAN PROVINCE, ARGENTINA
29	17 05 11.4?	12.35 N	125.04 E	67 ?	4.1	0.9	11	SAMAR, PHILIPPINE ISLANDS
29	17 26 10.2	10.177 S	161.017 E	54 *	4.8 4.5	0.7	26	SOLOMON ISLANDS. Felt at Honiara.
29	17 30 26.2*	12.645 N	125.618 E	32 *	4.8	0.5	15	SAMAR, PHILIPPINE ISLANDS
29	17 46 14.0%	37.629 N	122.478 W	6			7	CENTRAL CALIFORNIA. <GM-P>. MD 2.4 (GM). ML 2.3 (GS). Felt in the Daly City-Pacific area.
29	18 03 05.7	43.070 N	18.809 E	10 G		0.5	9	NORTHWESTERN BALKAN REGION. ML 1.4 (TTG).
29	18 06 00.4*	27.069 N	66.464 E	33 N	4.1	0.9	9	PAKISTAN
29	19 29 46.1?	43.06 N	0.68 W	10 G		0.2	4	PYRENEES. ML 1.0 (STR).
29	19 48 03.3?	44.51 N	7.22 E	10 G		0.1	4	NORTHERN ITALY. ML 1.8 (GEN).
29	20 16 02.7	38.736 N	75.566 E	33 N	4.4	1.3	18	SOUTHERN XINJIANG, CHINA
29	22 19 45.3?	34.15 S	70.17 W	10 G		0.4	8	CHILE-ARGENTINA BORDER REGION
29	22 34 04.6	51.468 N	177.990 E	33 N	4.6	1.1	40	RAT ISLANDS, ALEUTIAN ISLANDS
29	23 08 31.0	12.956 N	145.334 E	69	5.0	1.0	57	SOUTH OF MARIANA ISLANDS. Felt in the Sinajana area, Guam.
29	23 11 11.8%	44.370 N	7.339 E	5 G		0.3	8	NORTHERN ITALY. ML 2.1 (GEN).
29	23 38 36.2*	34.095 S	70.305 W	124 ?		0.2	13	CHILE-ARGENTINA BORDER REGION. MD 4.4 (SAN).
29	23 51 19.7?	36.75 N	2.99 W	10 G		0.9	4	STRAIT OF GIBRALTAR. mbLg 2.3 (MDD).
30	00 39 57.5%	35.060 N	118.944 W	17			11	CENTRAL CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
30	00 51 58.9%	30.913 S	68.937 W	120 G		0.3	5	SAN JUAN PROVINCE, ARGENTINA
30	01 21 32.4?	16.70 N	99.23 W	89 ?	3.6	1.1	7	NEAR COAST OF GUERRERO, MEXICO
30	01 37 08.4%	63.148 N	150.530 W	123			61	CENTRAL ALASKA. <AEIC>.
30	02 06 37.9*	27.920 S	70.050 W	100 G	4.1	0.9	9	NEAR COAST OF NORTHERN CHILE
30	03 13 38.5	35.419 N	23.093 E	74	4.3	0.8	27	CRETE. MD 3.8 (ATH).
30	03 35 38.4	41.835 N	25.152 E	10 G		1.1	15	GREECE-BULGARIA BORDER REGION. ML 2.9 (THE).
30	03 57 23.8?	19.58 S	168.14 E	33 N	3.9 3.8	1.5	6	VANUATU ISLANDS
30	05 05 45.8	44.345 N	6.894 E	5 G		0.3	14	FRANCE. ML 2.3 (GEN).
30	05 55 39.1	30.922 N	103.989 E	33 N	4.4	1.2	19	SICHUAN, CHINA. ML 4.7 (BJI).
30	06 02 30.7	12.201 N	120.567 E	15 D	4.9 4.4	0.9	64	MINDORO, PHILIPPINE ISLANDS
30	06 28 03.0*	55.762 N	162.064 E	211 ?	4.3	1.1	35	NEAR EAST COAST OF KAMCHATKA
30	06 38 14.3?	34.06 S	70.49 W	102 ?		0.2	10	CHILE-ARGENTINA BORDER REGION. MD 3.8 (SAN).
30	07 02 34.7%	59.786 N	151.452 W	51			32	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.5 (AEIC).
30	08 59 40.7?	6.75 S	149.79 E	89 ?	3.6	0.8	5	NEW BRITAIN REGION, P.N.G.
30	08 59 55.3*	4.396 S	152.701 E	10 G	4.8	1.2	11	NEW BRITAIN REGION, P.N.G.
30	09 43 29.5	52.114 N	158.154 E	120	5.0	0.9	176	NEAR EAST COAST OF KAMCHATKA
30	09 55 59.0?	53.72 N	157.89 E	33 N	4.4	0.6	14	KAMCHATKA
30	10 29 26.4*	20.417 S	169.806 E	33 N	4.0	0.8	6	VANUATU ISLANDS
30	10 38 00.7?	33.40 S	72.25 W	10 G		0.4	9	OFF COAST OF CENTRAL CHILE. MD 3.9 (SAN).
30	11 30 26.5%	44.550 N	7.279 E	10 G		0.2	5	NORTHERN ITALY. ML 1.7 (GEN).
30	11 34 33.3*	34.245 N	3.995 W	10 G		1.3	8	MOROCCO. MG 2.5 (RTC).
30	11 39 21.9?	5.33 S	146.46 E	136 *	4.2	1.3	7	EASTERN NEW GUINEA REG., P.N.G.
30	11 43 46.0%	37.342 N	118.435 W	11			28	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM).
30	12 35 14.5%	38.217 N	3.491 W	10 G		1.2	6	SPAIN. mbLg 2.6 (MDD).
30	12 47 16.4%	40.475 N	23.711 E	5 G		0.2	6	GREECE. ML 2.5 (THE).
30	13 26 52.5*	71.795 N	2.516 W	10 G		1.3	6	JAN MAYEN ISLAND REGION
30	13 47 18.0?	6.16 S	154.67 E	98 ?	3.8	0.9	5	SOLOMON ISLANDS
a 30	14 24 04.5	44.735 N	78.793 E	15 G	5.7 5.2	0.8	437	EASTERN KAZAKHSTAN. Mw 5.5 (HRV). Felt (IV) at Almaty. Also felt (III) at Bishkek, Kyrgyzstan. Depth from broadband displacement seismograms.
30	14 59 43.5	41.847 N	23.252 E	5 G		0.5	10	GREECE-BULGARIA BORDER REGION. ML 2.7 (THE).
30	16 29 49.8*	38.257 N	122.656 E	33 N	4.6	1.3	26	NORTHEASTERN CHINA. ML 4.8 (BJI).
30	17 04 19.1%	40.743 N	125.050 W	5			30	OFF COAST OF NORTHERN CALIFORNIA. <BRK>. ML 3.3 (BRK), 3.3 (GS). MD 3.3 (GM).
30	17 08 06.0?	10.32 N	66.80 W	10 G		0.1	4	NEAR COAST OF VENEZUELA
30	17 45 00.3*	58.956 S	25.356 W	10 G	5.0	0.6	20	SOUTH SANDWICH ISLANDS REGION
30	17 50 59.4%	40.244 N	23.039 E	5 G		0.3	7	GREECE. ML 1.7 (THE).
30	18 43 49.0	40.239 N	23.035 E	5 G		0.4	12	GREECE. ML 2.6 (THE).

30	19	18	46.9*	1.626	S	133.775	E	62	?	5.0	1.4	16	IRIAN JAYA REGION, INDONESIA
30	19	22	38.9	34.374	N	26.555	E	43		4.3	1.0	67	CRETE. MD 4.3 (ATH).
30	22	40	29.0?	17.58	N	121.15	E	5	G		1.4	4	LUZON, PHILIPPINE ISLANDS
30	23	01	47.5&	47.453	N	70.367	W	7				9	SOUTHERN QUEBEC, CANADA. <OTT-P>. mbLg 3.8 (OTT). Felt at Baie-Saint-Paul and La Malbaie.
30	23	08	47.0	46.333	N	14.538	E	10	G		0.8	11	NORTHWESTERN BALKAN REGION. MD 3.0 (LJU), 2.7 (TRI). ML 2.5 (VIE). Felt (V) at Eisenkappel, Austria.
30	23	49	55.9	40.233	N	19.879	E	5	G		1.2	17	ALBANIA. MD 3.3 (ATH). ML 3.0 (TIR), 2.9 (THE).
31	00	01	58.5&	64.419	N	146.892	W	10				47	CENTRAL ALASKA. <AEIC>. ML 2.9 (AEIC), 3.3 (PMR).
31	00	02	26.6&	41.167	N	25.260	E	10	G		0.4	6	GREECE-BULGARIA BORDER REGION. ML 2.8 (THE).
31	00	26	10.4?	14.45	S	166.88	E	210	?	4.0	0.4	6	VANUATU ISLANDS
31	00	33	16.6&	10.276	N	67.769	W	10	G		0.5	5	NEAR COAST OF VENEZUELA
31	02	37	11.7*	53.807	N	167.035	W	86	?	3.8	1.1	19	FOX ISLANDS, ALEUTIAN ISLANDS
31	03	30	30.5*	40.169	N	63.304	E	33	N	4.3	1.1	13	NORTHWESTERN UZBEKISTAN
31	04	34	22.6?	10.36	N	67.66	W	33	N		0.9	4	NEAR COAST OF VENEZUELA
31	04	41	48.1	9.648	N	70.700	W	35		5.4	0.8	294	VENEZUELA. Felt in the states of Carabobo, Lara, Trujillo and Zulia. Also felt at Barinas, Merida and Santo Domingo.
31	04	54	46.6&	32.398	N	131.382	E	33	N		0.6	5	KYUSHU, JAPAN
31	05	19	23.0*	38.332	S	93.202	W	10	G	5.0 4.7	0.9	38	WEST CHILE RISE
31	05	43	35.2&	34.017	N	117.211	W	11				6	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS). Felt.
31	06	07	44.7?	49.77	N	6.74	E	5	G		0.9	4	GERMANY. ML 1.7 (UCC).
31	06	31	15.3	36.226	N	139.425	E	92		4.4	0.9	28	EASTERN HONSHU, JAPAN
31	07	48	45.8	49.184	N	6.911	E	10	G		0.9	15	GERMANY. ML 3.0 (STR), 2.5 (UCC).
31	08	20	44.7*	32.378	S	69.999	W	125	?		0.4	10	MENDOZA PROVINCE, ARGENTINA. MD 3.9 (SAN).
31	08	54	00.4	29.332	N	95.291	E	33	N	4.8	1.1	16	EASTERN XIZANG-INDIA BORDER REG.
31	09	00	57.1&	60.691	N	150.248	W	37				43	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.5 (AEIC).
31	09	10	12.9*	13.231	S	166.184	E	33	N	4.8	0.9	10	VANUATU ISLANDS
31	09	53	22.2?	10.28	N	67.73	W	33	N		0.4	4	NEAR COAST OF VENEZUELA
31	10	26	17.3?	29.15	N	34.75	E	10	G	4.1	1.4	4	EGYPT
a 31	10	31	35.6	6.530	S	148.518	E	75	*	4.7	1.3	39	NEW BRITAIN REGION, P.N.G. Mw 5.6 (HRV).
31	10	39	47.9	6.478	S	148.582	E	78	*	4.8	1.2	18	NEW BRITAIN REGION, P.N.G.
31	10	47	57.7?	32.25	S	117.41	E	10	G		0.9	4	WESTERN AUSTRALIA
31	11	31	09.6&	63.056	N	150.978	W	128				66	CENTRAL ALASKA. <AEIC>.
31	12	16	47.4*	6.825	S	129.654	E	129	?	5.0	0.9	13	BANDA SEA
31	13	32	04.0*	21.117	N	72.740	E	33	N	3.8	0.9	9	SOUTHERN INDIA. Felt at Amreli, Bagasra, Chalala, Dhari and Rajula.
31	14	25	01.7*	6.451	S	148.560	E	71	*	4.3	1.4	13	NEW BRITAIN REGION, P.N.G.
31	14	26	02.6&	32.766	S	71.596	W	10	G		0.6	9	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
31	14	29	03.9*	21.544	S	169.318	E	33	N	5.0	1.2	27	LOYALTY ISLANDS REGION
31	14	54	03.7*	6.563	S	148.695	E	63	*	4.5	1.2	11	NEW BRITAIN REGION, P.N.G.
31	15	42	27.6?	10.58	N	61.59	W	10	G		0.8	4	TRINIDAD. MD 2.5 (TRN).
31	16	22	31.1*	8.143	S	148.115	E	191	*	5.1	0.9	15	EASTERN NEW GUINEA REG., P.N.G.
31	16	34	03.1?	35.67	S	71.05	W	150	G		0.2	9	CENTRAL CHILE. MD 3.9 (SAN).
31	16	42	16.8?	11.61	N	122.65	E	33	N	4.1	0.7	4	PANAY, PHILIPPINE ISLANDS
31	16	49	01.5?	31.32	S	68.70	W	100	G		0.3	4	SAN JUAN PROVINCE, ARGENTINA
31	16	53	09.1	3.032	N	96.410	E	73	*	4.9	1.0	56	NORTHERN SUMATERA, INDONESIA
31	17	04	00.5?	10.99	N	62.19	W	90	G		0.7	6	NEAR COAST OF VENEZUELA. MD 3.2 (TRN).
31	17	25	26.5&	43.815	N	7.088	E	5	G		0.3	7	NEAR SOUTH COAST OF FRANCE. ML 2.1 (GEN).
31	18	08	45.1&	42.300	N	121.937	W	3		3.8		78	OREGON. <SEA-P>. MD 4.1 (SEA). ML 4.2 (GS), 3.8 (BRK). Felt (II) at Dairy, Merrill and Midland. Also felt in the Klamath Falls and Gold Hill-Sams Valley areas.
31	18	09	36.8?	43.85	N	7.13	E	5	G		0.4	5	NEAR SOUTH COAST OF FRANCE. ML 2.0 (GEN).
31	18	28	14.2	38.656	N	21.126	E	10	G		1.0	14	GREECE. MD 3.1 (ATH). ML 2.9 (THE).
31	18	36	35.7&	43.059	N	18.827	E	10	G		0.5	6	NORTHWESTERN BALKAN REGION. ML 1.4 (TTG).
31	18	50	11.5?	43.84	N	7.12	E	5	G		0.4	5	NEAR SOUTH COAST OF FRANCE. ML 2.0 (GEN).
31	18	56	35.8*	42.216	N	122.015	W	5	G		0.5	9	OREGON. ML 2.7 (GS).
31	19	05	30.7?	59.61	N	5.44	E	10	G		0.2	4	SOUTHERN NORWAY. MD 1.9 (BER).
31	19	26	20.8&	31.283	S	68.449	W	100	G		0.3	5	SAN JUAN PROVINCE, ARGENTINA
31	19	53	33.0?	43.87	N	7.18	E	10	G		0.2	5	NEAR SOUTH COAST OF FRANCE. ML 1.8 (GEN).
31	20	22	18.3	36.330	N	137.737	E	5	G	3.9	0.6	13	EASTERN HONSHU, JAPAN
31	20	51	28.3&	37.633	N	118.912	W	9				42	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM). ML 3.0 (BRK), 3.0 (GS).
31	21	29	12.1&	37.634	N	118.912	W	9				82	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.7 (GM). ML 3.8 (GS), 3.8 (BRK). Felt (IV) at Mammoth Lakes, California.
31	22	14	44.0&	44.163	N	7.068	W	15			1.0	9	NORTH ATLANTIC OCEAN. mbLg 3.4 (MDD).
31	22	56	49.8&	44.257	N	8.185	E	5	G		0.5	7	NORTHERN ITALY. ML 1.7 (GEN).

A D D I T I O N A L S O U R C E P A R A M E T E R S

01 00 59 01.28 57.475S 25.685W 33km 5.5mb (16 obs.) 5.3Msz (17 obs.) SOUTH SANDWICH ISLANDS REGION CENTROID, MOMENT TENSOR (HRV) Data Used: GDSN L.P.B.: 41S, 79C Centroid Location: Origin Time 00:59:10.0 0.2 Lat 57.43S 0.02 Lon 25.23W 0.03 Dep 45.2 1.4 Half-duration 1.6 Principal Axes: Scale 10**17 Nm T Val= 3.55 Plg=73 Azm=286 N -0.03 10 160 P -3.52 13 68 Best Double Couple:Mo=3.5*10**17 NP1:Strike=144 Dip=33 Slip= 71 NP2: 346 59 102	P -2.81 26 165 Best Double Couple:Mo=2.8*10**17 NP1:Strike=241 Dip=20 Slip= 72 NP2: 80 71 96	Dep 15.0 BDY Half-duration 1.3 Principal Axes: Scale 10**17 Nm T Val= 2.26 Plg=57 Azm=216 N -0.07 5 314 P -2.19 33 47 Best Double Couple:Mo=2.2*10**17 NP1:Strike=156 Dip=13 Slip= 113 NP2: 313 78 85
01 08 21 54.36 6.276S 127.988E 361km 4.9mb (21 obs.) BANDA SEA CENTROID, MOMENT TENSOR (HRV) Data Used: GDSN L.P.B.: 19S, 24C Centroid Location: Origin Time 08:21:58.2 1.1 Lat 6.24S 0.08 Lon 127.88E 0.09 Dep 373.4 2.4 Half-duration 1.1 Principal Axes: Scale 10**17 Nm T Val= 1.47 Plg=27 Azm= 97 N 0.06 55 234 P -1.52 20 356 Best Double Couple:Mo=1.5*10**17 NP1:Strike=134 Dip=55 Slip= 174 NP2: 227 85 35	03 10 16 19.13 49.954S 114.201E 10km 5.3mb (14 obs.) 5.3Msz (3 obs.) SOUTH OF AUSTRALIA CENTROID, MOMENT TENSOR (HRV) Data Used: GDSN L.P.B.: 30S, 51C Centroid Location: Origin Time 10:16:24.0 0.4 Lat 50.08S 0.04 Lon 114.15E 0.07 Dep 15.0 FIX Half-duration 1.3 Principal Axes: Scale 10**17 Nm T Val= 1.83 Plg= 1 Azm=165 N -0.04 78 70 P -1.79 12 255 Best Double Couple:Mo=1.8*10**17 NP1:Strike=299 Dip=81 Slip= -8 NP2: 30 82 -171	04 22 15 19.53 42.303N 122.011W 8km 5.2mb (77 obs.) 5.2Msz (12 obs.) OREGON CENTROID, MOMENT TENSOR (HRV) Data Used: GDSN L.P.B.: 29S, 50C Centroid Location: Origin Time 22:15:25.3 0.4 Lat 42.21N 0.05 Lon 121.82W 0.05 Dep 15.0 FIX Half-duration 1.4 Principal Axes: Scale 10**17 Nm T Val= 1.50 Plg= 5 Azm= 59 N 0.20 9 150 P -1.70 79 301 Best Double Couple:Mo=1.6*10**17 NP1:Strike=139 Dip=41 Slip=-104 NP2: 338 51 -78
01 13 42 15.61 17.497S 168.189E 76km 5.1mb (17 obs.) VANUATU ISLANDS CENTROID, MOMENT TENSOR (HRV) Data Used: GDSN L.P.B.: 13S, 19C Centroid Location: Origin Time 13:42:19.0 0.9 Lat 17.11S 0.17 Lon 168.27E 0.13 Dep 81.6 7.1 Half-duration 1.0 Principal Axes: Scale 10**16 Nm T Val= 11.21 Plg=28 Azm=119 N -2.07 23 223 P -9.14 52 346 Best Double Couple:Mo=1.0*10**17 NP1:Strike=165 Dip=27 Slip=-151 NP2: 48 77 -66	03 12 22 17.68 15.684S 171.986W 10km 5.0mb (10 obs.) 4.5Msz (1 obs.) SAMOA ISLANDS REGION CENTROID, MOMENT TENSOR (HRV) Data Used: GDSN L.P.B.: 6S, 9C Centroid Location: Origin Time 12:22:26.3 1.5 Lat 15.76S FIX;Lon 171.74W FIX Dep 15.0 FIX Half-duration 1.0 Principal Axes: Scale 10**16 Nm T Val= 12.02 Plg=42 Azm=172 N -3.30 35 43 P -8.72 29 290 Best Double Couple:Mo=1.0*10**17 NP1:Strike=329 Dip=36 Slip= 13 NP2: 228 82 126	04 23 16 52.44 33.838S 71.913W 50km 5.5mb (25 obs.) 5.2Msz (9 obs.) NEAR COAST OF CENTRAL CHILE CENTROID, MOMENT TENSOR (HRV) Data Used: GDSN L.P.B.: 31S, 43C Centroid Location: Origin Time 23:16:59.4 0.3 Lat 33.57S 0.07 Lon 72.22W 0.07 Dep 28.8 3.5 Half-duration 1.7 Principal Axes: Scale 10**17 Nm T Val= 3.28 Plg=54 Azm= 58 N -0.14 12 165 P -3.14 34 264 Best Double Couple:Mo=3.2*10**17 NP1:Strike= 35 Dip=16 Slip= 140 NP2: 163 80 77
01 22 18 29.12 1.494N 66.765E 10km 5.1mb (17 obs.) 4.9Msz (7 obs.) CARLSBERG RIDGE CENTROID, MOMENT TENSOR (HRV) Data Used: GDSN L.P.B.: 17S, 27C Centroid Location: Origin Time 22:18:32.8 0.6 Lat 1.30N 0.12 Lon 66.77E 0.09 Dep 15.0 FIX Half-duration 1.1 Principal Axes: Scale 10**16 Nm T Val= 14.08 Plg=25 Azm= 59 N -6.40 53 291 P -7.69 25 162 Best Double Couple:Mo=1.1*10**17 NP1:Strike=201 Dip=53 Slip= 0 NP2: 291 90 -143	03 12 36 25.52 60.353S 20.446W 10km 5.5mb (21 obs.) 5.2Msz (24 obs.) SOUTHWESTERN ATLANTIC OCEAN CENTROID, MOMENT TENSOR (HRV) Data Used: GDSN L.P.B.: 42S, 72C Centroid Location: Origin Time 12:36:29.4 0.2 Lat 60.74S 0.03 Lon 19.81W 0.07 Dep 15.0 FIX Half-duration 1.5 Principal Axes: Scale 10**17 Nm T Val= 2.27 Plg= 4 Azm=347 N -0.09 15 78 P -2.18 75 242 Best Double Couple:Mo=2.2*10**17 NP1:Strike= 62 Dip=43 Slip=-112 NP2: 271 51 -71	05 02 36 10.26 52.097N 173.913W 30km 5.0mb (59 obs.) 4.7Msz (8 obs.) ANDREANOF ISLANDS, ALUTIAN IS. CENTROID, MOMENT TENSOR (HRV) Data Used: GDSN L.P.B.: 18S, 25C Centroid Location: Origin Time 02:36:11.8 0.8 Lat 52.52N 0.12 Lon 174.53W 0.12 Dep 36.4 8.0 Half-duration 1.0 Principal Axes: Scale 10**16 Nm T Val= 4.51 Plg=14 Azm= 49 N -0.97 27 312 P -3.53 59 164 Best Double Couple:Mo=4.0*10**16 NP1:Strike=171 Dip=39 Slip= -44 NP2: 297 64 -120
03 05 41 08.28 51.204N 179.308E 33km 5.2mb (96 obs.) 5.0Msz (36 obs.) RAT ISLANDS, ALEUTIAN ISLANDS CENTROID, MOMENT TENSOR (HRV) Data Used: GDSN L.P.B.: 37S, 59C Centroid Location: Origin Time 05:41:10.8 0.4 Lat 51.26N 0.04 Lon 179.62E 0.06 Dep 15.0 BDY Half-duration 1.6 Principal Axes: Scale 10**17 Nm T Val= 2.74 Plg=63 Azm= 0 N 0.07 6 258	04 09 30 14.41 41.757N 141.937E 84km 5.2mb (97 obs.) HOKKAIDO, JAPAN REGION CENTROID, MOMENT TENSOR (HRV) Data Used: GDSN L.P.B.: 15S, 20C Centroid Location: Origin Time 09:30:16.0 0.6 Lat 41.93N 0.08 Lon 141.69E 0.12 Dep 75.3 6.2 Half-duration 1.4 Principal Axes: Scale 10**16 Nm T Val= 10.09 Plg=18 Azm=206 N -4.16 46 315 P -5.93 38 101 Best Double Couple:Mo=8.0*10**16 NP1:Strike=250 Dip=49 Slip=-163 NP2: 149 77 -42	05 19 37 01.45 6.467S 130.426E 137km 5.3mb (51 obs.) BANDA SEA CENTROID, MOMENT TENSOR (HRV) Data Used: GDSN L.P.B.: 37S, 61C Centroid Location: Origin Time 19:36:58.0 0.4 Lat 6.50S 0.04 Lon 130.88E 0.04 Dep 96.3 2.8 Half-duration 1.2 Principal Axes: Scale 10**17 Nm T Val= 1.45 Plg=48 Azm=175 N 0.31 26 299 P -1.76 30 46 Best Double Couple:Mo=1.6*10**17 NP1:Strike=185 Dip=29 Slip= 159 NP2: 294 80 63
	04 17 21 23.26 3.590S 131.256E 33km 5.3mb (36 obs.) 4.8Msz (10 obs.) IRIAN JAYA REGION, INDONESIA CENTROID, MOMENT TENSOR (HRV) Data Used: GDSN L.P.B.: 24S, 32C Centroid Location: Origin Time 17:21:23.2 1.1 Lat 3.83S 0.09 Lon 131.14E 0.07	06 10 42 03.74 6.360S 154.916E 48km 5.6mb (87 obs.) 5.7Msz (46 obs.) SOLOMON ISLANDS CENTROID, MOMENT TENSOR (HRV)

Data Used: GDSN
 L.P.B.: 49S, **C
 Centroid Location:
 Origin Time 10:42: 9.5 0.2
 Lat 6.54S 0.02 Lon 154.94E 0.01
 Dep 52.0 BDY Half-duration 2.1
 Principal Axes:
 Scale 10**17 Nm
 T Val= 7.67 Plg=81 Azm= 17
 N 0.40 5 137
 P -8.07 8 228
 Best Double Couple:Mo=7.9*10**17
 NP1:Strike=323 Dip=37 Slip= 98
 NP2: 133 53 84

06 15 37 54.32 41.495N 141.973E 68km
 5.3mb (96 obs.)
 HOKKAIDO, JAPAN REGION
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 26S, 41C
 Centroid Location:
 Origin Time 15:37:54.0 0.4
 Lat 41.12N 0.04 Lon 142.45E 0.04
 Dep 62.7 3.2 Half-duration 1.0
 Principal Axes:
 Scale 10**16 Nm
 T Val= 7.70 Plg=75 Azm=283
 N 1.09 3 25
 P -8.79 15 115
 Best Double Couple:Mo=8.2*10**16
 NP1:Strike=210 Dip=30 Slip= 96
 NP2: 23 60 86

06 23 00 17.47 21.835N 121.065E 29km
 5.2mb (72 obs.) 5.0Msz (11 obs.)
 TAIWAN REGION
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 11S, 19C
 Centroid Location:
 Origin Time 23:00:19.5 0.5
 Lat 21.63N 0.12 Lon 120.96E 0.10
 Dep 17.2 5.7 Half-duration 1.3
 Principal Axes:
 Scale 10**16 Nm
 T Val= 13.92 Plg=37 Azm= 33
 N -1.45 50 237
 P -12.48 12 132
 Best Double Couple:Mo=1.3*10**17
 NP1:Strike=179 Dip=55 Slip= 20
 NP2: 77 74 143

07 16 27 25.57 0.730N 122.702E 78km
 5.6mb (67 obs.)
 MINAHASSA PENINSULA, SULAWESI
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 45S, 87C
 Centroid Location:
 Origin Time 16:27:29.6 0.2
 Lat 0.92N 0.02 Lon 122.72E 0.02
 Dep 74.4 2.0 Half-duration 1.6
 Principal Axes:
 Scale 10**17 Nm
 T Val= 3.12 Plg=27 Azm=220
 N -0.09 18 319
 P -3.03 57 79
 Best Double Couple:Mo=3.1*10**17
 NP1:Strike=274 Dip=24 Slip=-138
 NP2: 144 74 -71

08 01 42 18.45 17.074N 73.634E 25km
 5.0mb (33 obs.) 4.6Msz (3 obs.)
 SOUTHERN INDIA
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 13S, 17C
 Centroid Location:
 Origin Time 01:42:20.7 1.2
 Lat 17.41N 0.13 Lon 73.72E 0.13
 Dep 15.0 FIX Half-duration 1.0
 Principal Axes:
 Scale 10**16 Nm
 T Val= 4.52 Plg= 7 Azm=286
 N 2.00 27 192
 P -6.52 61 29
 Best Double Couple:Mo=5.5*10**16
 NP1:Strike= 44 Dip=45 Slip= -49
 NP2: 173 58 -123

08 02 21 02.78 12.544S 166.634E 40km
 5.6mb (37 obs.)

SANTA CRUZ ISLANDS
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 27S, 39C
 Centroid Location:
 Origin Time 02:21: 9.8 0.6
 Lat 12.27S 0.06 Lon 166.35E 0.03
 Dep 46.9 1.9 Half-duration 1.5
 Principal Axes:
 Scale 10**17 Nm
 T Val= 1.54 Plg=69 Azm=338
 N 0.02 20 173
 P -1.56 5 81
 Best Double Couple:Mo=1.5*10**17
 NP1:Strike=151 Dip=44 Slip= 60
 NP2: 9 53 115

09 04 32 19.52 0.486N 125.995E 15km
 6.5mb (129 obs.) 6.7Msz (64 obs.)
 NORTHERN MOLUCCA SEA
 FAULT PLANE SOLUTION: P-Waves
 NP1:Strike=168 Dip=83 Slip= 90
 NP2: 348 7 90
 Principal Axes:
 T Plg=52 Azm= 78
 P 38 258
 Comment: The focal mechanism is
 poorly controlled and
 corresponds to reverse
 faulting. The preferred fault
 plane is NP2.
 RADIATED ENERGY
 No. of sta: 10 Focal mech. F
 Energy 8.0±2.2*10**14 Nm
 MOMENT TENSOR SOLUTION
 Dep 23 No. of sta: 5
 Principal Axes:
 Scale 10**19 Nm
 T Val= 1.77 Plg=47 Azm= 42
 N 0.02 30 170
 P -1.80 28 278
 Best Double Couple:Mo=1.8*10**19
 NP1:Strike= 56 Dip=32 Slip= 159
 NP2: 164 79 60
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 49S, **C M.W.: 39S, 78C
 Centroid Location:
 Origin Time 04:32:28.2 0.1
 Lat 0.53N 0.01 Lon 125.81E 0.01
 Dep 18.4 0.5 Half-duration 6.5
 Principal Axes:
 Scale 10**19 Nm
 T Val= 2.83 Plg=54 Azm= 71
 N 0.05 10 175
 P -2.88 34 272
 Best Double Couple:Mo=2.9*10**19
 NP1:Strike= 41 Dip=15 Slip= 137
 NP2: 173 80 79

09 11 38 27.96 0.425N 125.891E 16km
 6.3mb (112 obs.) 6.4Msz (65 obs.)
 NORTHERN MOLUCCA SEA
 FAULT PLANE SOLUTION: P-Waves
 NP1:Strike=187 Dip=83 Slip= 90
 NP2: 7 7 90
 Principal Axes:
 T Plg=52 Azm= 97
 P 38 277
 Comment: The focal mechanism is
 poorly controlled and
 corresponds to reverse
 faulting. The preferred fault
 plane is NP2.
 RADIATED ENERGY
 No. of sta: 11 Focal mech. F
 Energy 1.4±0.3*10**14 Nm
 MOMENT TENSOR SOLUTION
 Dep 40 No. of sta: 10
 Principal Axes:
 Scale 10**18 Nm
 T Val= 7.66 Plg=44 Azm=126
 N 1.67 29 3
 P -9.33 32 254
 Best Double Couple:Mo=8.5*10**18
 NP1:Strike=290 Dip=30 Slip= 14
 NP2: 187 83 119
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 42S, **C M.W.: 35S, 64C
 Centroid Location:
 Origin Time 11:38:37.9 0.1
 Lat 0.63N 0.01 Lon 125.71E 0.01

Dep 16.6 0.6 Half-duration 4.3
 Principal Axes:
 Scale 10**19 Nm
 T Val= 1.48 Plg=54 Azm= 86
 N 0.07 6 184
 P -1.55 36 278
 Best Double Couple:Mo=1.5*10**19
 NP1:Strike= 35 Dip=11 Slip= 122
 NP2: 183 81 84

10 06 31 54.16 22.180S 179.575W 605km
 5.6mb (69 obs.)
 SOUTH OF FIJI ISLANDS
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 32S, 51C
 Centroid Location:
 Origin Time 06:31:59.1 0.4
 Lat 22.13S 0.05 Lon 179.17W 0.03
 Dep 613.8 2.0 Half-duration 1.6
 Principal Axes:
 Scale 10**17 Nm
 T Val= 3.41 Plg=47 Azm=165
 N 1.04 22 49
 P -4.45 35 303
 Best Double Couple:Mo=3.9*10**17
 NP1:Strike=338 Dip=23 Slip= 18
 NP2: 232 83 112

10 08 59 35.82 20.912N 121.282E 12km
 5.8mb (130 obs.) 5.8Msz (51 obs.)
 PHILIPPINE ISLANDS REGION
 FAULT PLANE SOLUTION: P-Waves
 NP1:Strike=186 Dip=72 Slip= 90
 NP2: 6 18 90
 Principal Axes:
 T Plg=63 Azm= 96
 P 27 276
 Comment: The focal mechanism is
 poorly controlled and
 corresponds to reverse
 faulting. The preferred fault
 plane is NP2.
 MOMENT TENSOR SOLUTION
 Dep 22 No. of sta: 7
 Principal Axes:
 Scale 10**18 Nm
 T Val= 1.84 Plg=59 Azm= 86
 N 0.01 1 354
 P -1.85 31 263
 Best Double Couple:Mo=1.8*10**18
 NP1:Strike=348 Dip=14 Slip= 84
 NP2: 174 76 92
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 34S, 87C
 Centroid Location:
 Origin Time 08:59:41.9 0.1
 Lat 21.01N 0.02 Lon 121.14E 0.02
 Dep 24.0 BDY Half-duration 2.6
 Principal Axes:
 Scale 10**17 Nm
 T Val= 13.33 Plg=68 Azm=117
 N -0.62 6 12
 P -12.70 21 279
 Best Double Couple:Mo=1.3*10**18
 NP1:Strike=358 Dip=24 Slip= 75
 NP2: 194 66 97

12 05 15 24.52 13.693N 123.035E 22km
 5.0mb (46 obs.) 5.3Msz (16 obs.)
 LUZON, PHILIPPINE ISLANDS
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 24S, 36C
 Centroid Location:
 Origin Time 05:15:26.1 0.4
 Lat 13.95N 0.05 Lon 123.13E 0.05
 Dep 15.0 FIX Half-duration 1.7
 Principal Axes:
 Scale 10**17 Nm
 T Val= 2.18 Plg=13 Azm=150
 N 0.46 52 42
 P -2.64 34 249
 Best Double Couple:Mo=2.4*10**17
 NP1:Strike=284 Dip=56 Slip= -17
 NP2: 23 76 -145

12 17 03 19.34 0.317N 125.939E 23km
 5.8mb (81 obs.) 5.5Msz (32 obs.)
 NORTHERN MOLUCCA SEA
 RADIATED ENERGY
 No. of sta: 9 Focal mech. M

Energy 4.2±0.8*10**12 Nm
MOMENT TENSOR SOLUTION
Dep 34 No. of sta: 7
Principal Axes:
Scale 10**17 Nm
T Val= 7.13 Plg=81 Azm=225
N -0.08 8 14
P -7.06 5 105
Best Double Couple:Mo=7.1*10**17
NP1:Strike=203 Dip=41 Slip= 102
NP2: 8 50 80
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 44S, 98C
Centroid Location:
Origin Time 17:03:28.9 0.2
Lat 0.74N 0.02 Lon 125.90E 0.02
Dep 37.0 BDY Half-duration 2.6
Principal Axes:
Scale 10**17 Nm
T Val= 8.62 Plg=75 Azm=154
N -0.29 10 22
P -8.33 11 290
Best Double Couple:Mo=8.5*10**17
NP1:Strike= 7 Dip=35 Slip= 72
NP2: 209 57 102

12 18 26 28.69 0.344N 125.925E 33km
5.6mb (60 obs.) 5.5Msz (36 obs.)
NORTHERN MOLUCCA SEA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 37S, 71C
Centroid Location:
Origin Time 18:26:36.1 0.3
Lat 0.70N 0.03 Lon 125.65E 0.03
Dep 37.7 2.4 Half-duration 2.2
Principal Axes:
Scale 10**17 Nm
T Val= 7.66 Plg=69 Azm=117
N 0.97 12 355
P -8.62 18 261
Best Double Couple:Mo=8.1*10**17
NP1:Strike=333 Dip=29 Slip= 65
NP2: 181 64 103

12 20 41 30.02 36.445N 140.962E 43km
5.4mb (86 obs.) 4.9Msz (17 obs.)
NEAR EAST COAST OF HONSHU, JAPAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 10S, 15C
Centroid Location:
Origin Time 20:41:36.5 0.7
Lat 36.40N FIX;Lon 141.06E FIX
Dep 54.9 5.8 Half-duration 1.2
Principal Axes:
Scale 10**16 Nm
T Val= 8.73 Plg=74 Azm= 5
N 3.11 15 211
P -11.84 7 119
Best Double Couple:Mo=1.0*10**17
NP1:Strike=193 Dip=40 Slip= 67
NP2: 42 54 108

13 11 43 44.23 20.422S 173.839W 33km
5.8mb (59 obs.) 5.9Msz (69 obs.)
TONGA ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 33S, 61C
Centroid Location:
Origin Time 11:43:46.6 0.3
Lat 20.54S 0.03 Lon 172.90W 0.03
Dep 15.0 FIX Half-duration 1.9
Principal Axes:
Scale 10**17 Nm
T Val= 5.27 Plg=77 Azm=274
N 0.58 4 21
P -5.84 12 112
Best Double Couple:Mo=5.6*10**17
NP1:Strike=207 Dip=33 Slip= 97
NP2: 19 57 85

13 16 27 47.60 0.483N 126.100E 33km
5.1mb (19 obs.) 4.8Msz (9 obs.)
NORTHERN MOLUCCA SEA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 10S, 14C
Centroid Location:
Origin Time 16:27:55.5 1.1
Lat 1.19N 0.11 Lon 125.87E 0.20

Dep 15.0 FIX Half-duration 1.3
Principal Axes:
Scale 10**17 Nm
T Val= 1.80 Plg= 2 Azm=240
N -0.32 4 150
P -1.48 86 353
Best Double Couple:Mo=1.6*10**17
NP1:Strike=334 Dip=44 Slip= -85
NP2: 147 47 -95
13 16 34 35.24 5.530N 82.497W 33km
4.7mb (11 obs.) 5.2Msz (1 obs.)
SOUTH OF PANAMA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 26S, 44C
Centroid Location:
Origin Time 16:34:35.9 0.6
Lat 5.19N 0.06 Lon 82.38W 0.04
Dep 15.0 FIX Half-duration 1.7
Principal Axes:
Scale 10**17 Nm
T Val= 3.76 Plg=11 Azm=315
N -0.18 75 93
P -3.57 10 223
Best Double Couple:Mo=3.7*10**17
NP1:Strike=359 Dip=75 Slip= 179
NP2: 89 89 15

14 06 31 19.33 20.704S 173.451W 31km
5.5mb (41 obs.) 6.1Msz (76 obs.)
TONGA ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 40S, 92C M.W.: 29S, 34C
Centroid Location:
Origin Time 06:31:25.2 0.2
Lat 20.51S 0.02 Lon 173.05W 0.01
Dep 15.0 BDY Half-duration 2.3
Principal Axes:
Scale 10**17 Nm
T Val= 10.19 Plg=68 Azm=296
N 0.63 1 203
P -10.81 21 113
Best Double Couple:Mo=1.1*10**18
NP1:Strike=200 Dip=24 Slip= 87
NP2: 24 66 91

14 07 49 59.63 13.624S 168.939E 21km
5.4mb (25 obs.) 5.4Msz (22 obs.)
VANUATU ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 22S, 37C
Centroid Location:
Origin Time 07:50: 0.8 0.7
Lat 13.70S 0.07 Lon 169.20E 0.05
Dep 15.0 FIX Half-duration 1.2
Principal Axes:
Scale 10**17 Nm
T Val= 2.12 Plg=12 Azm=143
N -0.45 77 316
P -1.67 1 52
Best Double Couple:Mo=1.9*10**17
NP1:Strike=187 Dip=80 Slip= 172
NP2: 278 82 10

15 21 49 42.27 23.184N 120.574E 17km
5.5mb (89 obs.) 5.2Msz (22 obs.)
TAIWAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 20S, 30C
Centroid Location:
Origin Time 21:49:44.9 0.3
Lat 23.00N 0.05 Lon 120.22E 0.06
Dep 21.4 3.0 Half-duration 1.4
Principal Axes:
Scale 10**17 Nm
T Val= 1.60 Plg=74 Azm=178
N -0.14 15 19
P -1.46 6 287
Best Double Couple:Mo=1.5*10**17
NP1:Strike= 1 Dip=42 Slip= 66
NP2: 211 53 110

16 13 04 35.05 13.444N 145.945E 53km
5.1mb (46 obs.) 5.0Msz (39 obs.)
MARIANA ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 22C
Centroid Location:

Origin Time 13:04:39.7 0.5
Lat 13.55N 0.10 Lon 146.34E 0.08
Dep 36.4 6.5 Half-duration 1.1
Principal Axes:
Scale 10**16 Nm
T Val= 5.25 Plg=62 Azm=228
N 1.17 27 27
P -6.42 8 122
Best Double Couple:Mo=5.8*10**16
NP1:Strike=240 Dip=43 Slip= 131
NP2: 10 59 58

16 20 11 21.99 53.804N 171.382E 9km
5.8mb (170 obs.) 5.7Msz (56 obs.)
NEAR ISLANDS, ALEUTIAN ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=113 Dip=90 Slip=-180
NP2: 203 90 0
Principal Axes:
T Plg= 0 Azm= 68
P 0 158
Comment: The focal mechanism is moderately well controlled and corresponds to strike-slip faulting. The preferred fault plane is not determined.

RADIATED ENERGY
No. of sta: 17 Focal mech. F
Energy 8.0±1.3*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 30 No. of sta: 13
Principal Axes:
Scale 10**18 Nm
T Val= 1.53 Plg= 0 Azm= 59
N 0.15 83 152
P -1.68 7 329
Best Double Couple:Mo=1.6*10**18
NP1:Strike=104 Dip=85 Slip=-175
NP2: 14 85 -5
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 38S, 92C
Centroid Location:
Origin Time 20:11:26.7 0.1
Lat 54.01N 0.02 Lon 171.45E 0.03
Dep 15.0 BDY Half-duration 2.2
Principal Axes:
Scale 10**17 Nm
T Val= 7.85 Plg= 7 Azm= 81
N 2.18 76 201
P -10.03 12 349
Best Double Couple:Mo=8.9*10**17
NP1:Strike=125 Dip=77 Slip=-177
NP2: 35 87 -13

16 23 41 11.23 15.458S 173.360W 33km
5.2mb (27 obs.) 5.1Msz (2 obs.)
TONGA ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 18S, 26C
Centroid Location:
Origin Time 23:41:21.3 0.6
Lat 15.55S 0.09 Lon 173.63W 0.08
Dep 114.0 FIX Half-duration 1.2
Principal Axes:
Scale 10**17 Nm
T Val= 1.33 Plg=49 Azm=212
N 0.04 5 116
P -1.37 40 22
Best Double Couple:Mo=1.4*10**17
NP1:Strike= 69 Dip= 7 Slip= 43
NP2: 297 85 95

17 03 19 03.88 39.186N 142.182E 54km
5.4mb (113 obs.)
NEAR EAST COAST OF HONSHU, JAPAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 16C
Centroid Location:
Origin Time 03:19: 4.3 0.6
Lat 39.24N 0.10 Lon 141.93E 0.07
Dep 52.510.2 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 13.27 Plg=50 Azm=332
N -0.79 15 223
P -12.47 35 121
Best Double Couple:Mo=1.3*10**17
NP1:Strike=161 Dip=17 Slip= 27
NP2: 45 82 105

18 22 44 20.04 20.477S 173.883W 33km
5.7mb (61 obs.) 5.7Msz (56 obs.)
TONGA ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 35S, 60C
Centroid Location:
Origin Time 22:44:22.8 0.3
Lat 20.52S 0.04 Lon 172.96W 0.03
Dep 15.0 BDY Half-duration 1.6
Principal Axes:
Scale 10**17 Nm
T Val= 3.53 Plg=69 Azm=308
N 0.21 3 211
P -3.74 21 120
Best Double Couple:Mo=3.6*10**17
NP1:Strike=205 Dip=24 Slip= 84
NP2: 32 66 93

19 10 31 28.64 5.746N 127.004E 43km
5.5mb (78 obs.)
PHILIPPINE ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 17S, 23C
Centroid Location:
Origin Time 10:31:33.0 0.4
Lat 5.67N 0.07 Lon 127.06E 0.04
Dep 64.1 4.5 Half-duration 1.1
Principal Axes:
Scale 10**16 Nm
T Val= 13.68 Plg=55 Azm= 11
N -2.73 34 208
P -10.94 8 112
Best Double Couple:Mo=1.2*10**17
NP1:Strike=169 Dip=47 Slip= 40
NP2: 49 62 130

19 21 04 58.29 14.793N 144.413E 27km
5.1mb (23 obs.) 4.8Msz (8 obs.)
MARIANA ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 16S, 21C
Centroid Location:
Origin Time 21:04:59.8 0.6
Lat 14.91N 0.08 Lon 144.68E 0.07
Dep 15.0 FIX Half-duration 1.2
Principal Axes:
Scale 10**17 Nm
T Val= 1.84 Plg=25 Azm=310
N -0.38 5 218
P -1.46 65 118
Best Double Couple:Mo=1.6*10**17
NP1:Strike= 51 Dip=21 Slip= -76
NP2: 216 70 -95

20 13 56 14.87 6.876S 131.340E 8km
6.4mb (96 obs.) 5.7Msz (47 obs.)
TANIMBAR ISLANDS REG., INDONESIA
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=270 Dip=86 Slip= -12
NP2: 1 78 -176
Principal Axes:
T Plg= 6 Azm=316
P 11 225
Comment: The focal mechanism is moderately well controlled and corresponds to strike-slip faulting with a small normal component. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 11 Focal mech. F
Energy 1.2+0.3*10**15 Nm
MOMENT TENSOR SOLUTION
Dep 44 No. of sta: 9
Principal Axes:
Scale 10**18 Nm
T Val= 3.01 Plg=30 Azm=311
N 0.02 55 167
P -3.03 17 51
Best Double Couple:Mo=3.0*10**18
NP1:Strike= 94 Dip=56 Slip= 10
NP2: 359 82 146
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 41S, **C M.W.: 37S, 58C
Centroid Location:
Origin Time 13:56:27.0 0.1
Lat 6.79S 0.01 Lon 131.47E 0.01
Dep 55.5 0.7 Half-duration 3.3

Principal Axes:
Scale 10**18 Nm
T Val= 2.70 Plg=22 Azm=300
N -0.05 68 109
P -2.64 4 208
Best Double Couple:Mo=2.7*10**18
NP1:Strike=342 Dip=72 Slip= 167
NP2: 76 77 18

22 10 35 17.45 4.938S 132.083E 33km
5.4mb (26 obs.)
IRIAN JAYA REGION, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 23S, 29C
Centroid Location:
Origin Time 10:35:24.3 0.6
Lat 4.92S 0.04 Lon 132.10E 0.06
Dep 65.3 4.4 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 8.60 Plg=65 Azm=288
N -2.12 20 72
P -6.48 13 167
Best Double Couple:Mo=7.5*10**16
NP1:Strike=282 Dip=36 Slip= 126
NP2: 60 61 67

22 13 46 56.63 20.434S 173.705W 33km
5.0mb (21 obs.) 5.2Msz (28 obs.)
TONGA ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 14C
Centroid Location:
Origin Time 13:46:57.1 1.3
Lat 20.54S 0.11 Lon 172.91W 0.10
Dep 15.0 FIX Half-duration 1.5
Principal Axes:
Scale 10**16 Nm
T Val= 6.84 Plg=75 Azm=252
N -0.21 6 5
P -6.63 13 96
Best Double Couple:Mo=6.7*10**16
NP1:Strike=194 Dip=32 Slip= 101
NP2: 2 59 83

23 14 22 35.15 36.756N 2.937W 27km
5.0mb (78 obs.) 4.9Msz (5 obs.)
STRAIT OF GIBRALTAR
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 18S, 30C
Centroid Location:
Origin Time 14:22:36.8 0.5
Lat 36.57N 0.07 Lon 2.63W 0.08
Dep 20.0 FIX Half-duration 1.2
Principal Axes:
Scale 10**16 Nm
T Val= 8.26 Plg= 2 Azm=244
N 0.50 2 154
P -8.76 88 23
Best Double Couple:Mo=8.5*10**16
NP1:Strike=335 Dip=43 Slip= -88
NP2: 152 47 -92

24 05 18 34.64 21.853S 178.646W 445km
5.6mb (86 obs.)
FIJI ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 37S, 72C
Centroid Location:
Origin Time 05:18:37.6 0.3
Lat 21.87S 0.03 Lon 178.37W 0.02
Dep 445.2 1.2 Half-duration 2.0
Principal Axes:
Scale 10**17 Nm
T Val= 6.06 Plg=15 Azm= 66
N 0.30 43 170
P -6.36 44 322
Best Double Couple:Mo=6.2*10**17
NP1:Strike=115 Dip=48 Slip=-155
NP2: 8 72 -45

25 14 07 13.81 5.767S 104.186E 77km
5.1mb (32 obs.)
SOUTHERN SUMATERA, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 9S, 15C
Centroid Location:
Origin Time 14:07:14.7 0.7

Lat 5.77S FIX;Lon 104.21E FIX
Dep 77.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 5.36 Plg=13 Azm=108
N 3.01 54 0
P -8.36 33 207
Best Double Couple:Mo=6.9*10**16
NP1:Strike=242 Dip=57 Slip= -16
NP2: 341 77 -146

28 03 29 43.67 12.519N 125.267E 40km
5.6mb (72 obs.) 5.6Msz (20 obs.)
SAMAR, PHILIPPINE ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 32S, 72C
Centroid Location:
Origin Time 03:29:45.7 0.2
Lat 12.59N 0.02 Lon 125.50E 0.03
Dep 15.0 FIX Half-duration 2.3
Principal Axes:
Scale 10**17 Nm
T Val= 8.71 Plg=55 Azm=277
N -0.99 6 177
P -7.72 34 83
Best Double Couple:Mo=8.2*10**17
NP1:Strike=147 Dip=12 Slip= 59
NP2: 359 79 96

28 04 35 21.00 12.470N 125.288E 24km
5.3mb (44 obs.) 4.8Msz (8 obs.)
SAMAR, PHILIPPINE ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 7S, 10C
Centroid Location:
Origin Time 04:35:29.1 1.1
Lat 12.51N 0.08 Lon 125.87E 0.13
Dep 89.0 FIX Half-duration 1.2
Principal Axes:
Scale 10**16 Nm
T Val= 7.61 Plg=63 Azm=201
N -0.18 19 332
P -7.43 19 69
Best Double Couple:Mo=7.5*10**16
NP1:Strike=187 Dip=31 Slip= 129
NP2: 324 67 70

29 07 48 14.20 20.230S 169.789E 33km
6.1mb (87 obs.) 6.7Msz (42 obs.)
VANUATU ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=204 Dip=75 Slip= -20
NP2: 299 71 -164
Principal Axes:
T Plg= 3 Azm=252
P 25 161
Comment: The focal mechanism is moderately well controlled and corresponds to strike-slip faulting with a moderate normal component. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 13 Focal mech. F
Energy 9.5+2.5*10**14 Nm
MOMENT TENSOR SOLUTION
Dep 20 No. of sta: 16
Principal Axes:
Scale 10**18 Nm
T Val= 3.93 Plg=20 Azm=326
N -0.03 30 224
P -3.90 53 85
Best Double Couple:Mo=3.9*10**18
NP1:Strike= 95 Dip=37 Slip= -33
NP2: 213 71 -122
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 43S, **C M.W.: 46S, **C
Centroid Location:
Origin Time 07:48:24.4 0.1
Lat 20.39S 0.01 Lon 169.94E 0.00
Dep 15.0 FIX Half-duration 8.0
Principal Axes:
Scale 10**19 Nm
T Val= 3.88 Plg=10 Azm= 68
N -0.38 52 325
P -3.50 36 165
Best Double Couple:Mo=3.7*10**19
NP1:Strike=200 Dip=58 Slip= -21
NP2: 302 73 -146

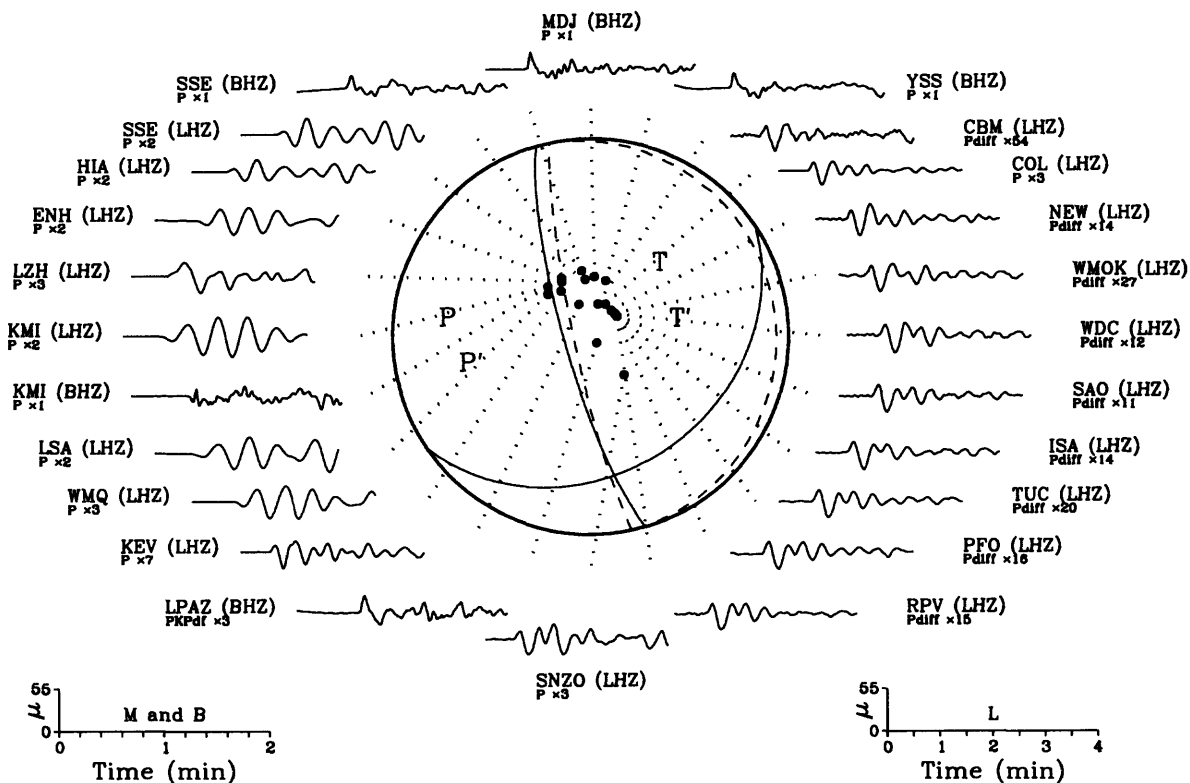
29 08 39 44.83 19.990S 169.857E 33km
6.1mb (64 obs.) 6.5Msz (17 obs.)
VANUATU ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 19C M.W.: 20S, 32C
Centroid Location:
Origin Time 08:39:46.2 0.5
Lat 20.06S 0.08 Lon 170.04E 0.06
Dep 15.0 FIX Half-duration 4.0
Principal Axes:
Scale 10**18 Nm
T Val= 6.49 Plg= 2 Azm=250
N -2.04 8 160
P -4.45 82 352
Best Double Couple:Mo=5.5*10**18
NP1:Strike=348 Dip=44 Slip= -78
NP2: 152 47 -101

L.P.B.: 24S, 34C
Centroid Location:
Origin Time 14:24:10.2 0.6
Lat 44.95N 0.05 Lon 78.76E 0.09
Dep 21.0 FIX Half-duration 1.4
Principal Axes:
Scale 10**17 Nm
T Val= 1.82 Plg=47 Azm=258
N 0.10 43 70
P -1.92 4 164
Best Double Couple:Mo=1.9*10**17
NP1:Strike=290 Dip=55 Slip= 145
NP2: 41 62 40

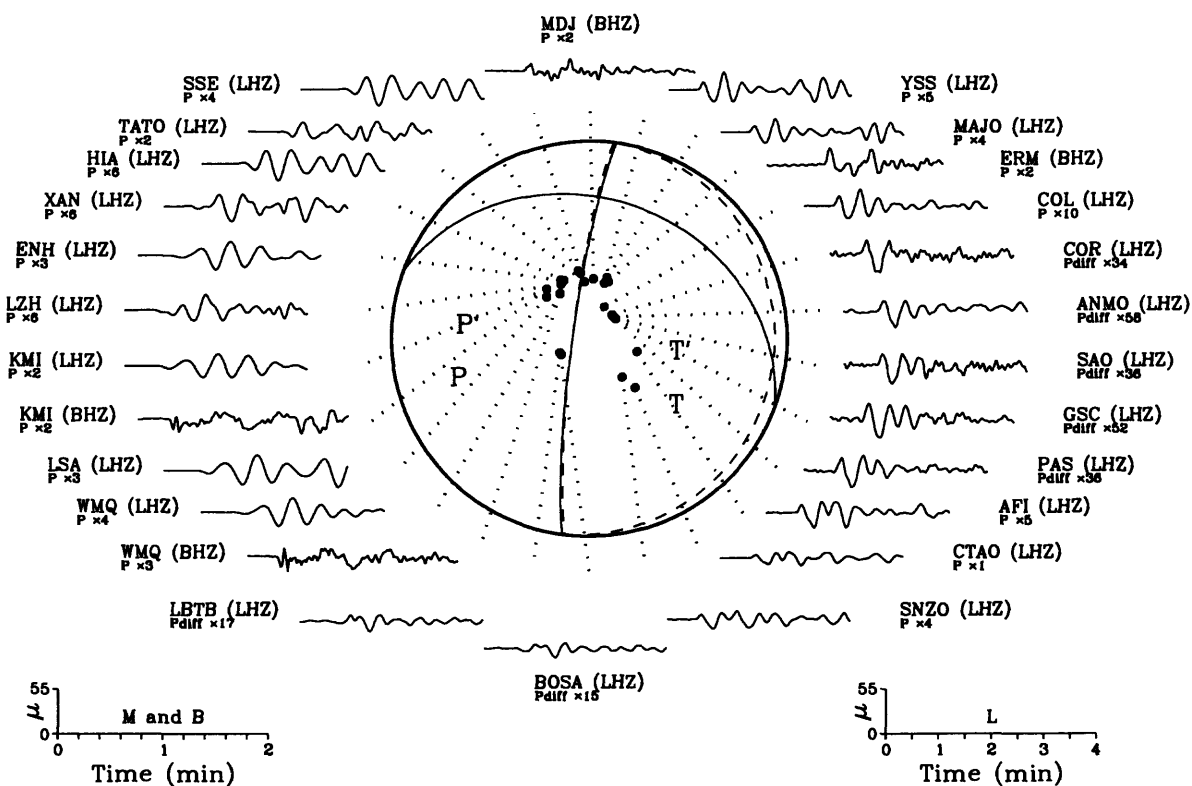
31 10 31 35.61 6.530S 148.518E 75km
4.7mb (18 obs.)
NEW BRITAIN REGION, P.N.G.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 34S, 57C
Centroid Location:
Origin Time 10:31:37.6 0.3
Lat 6.75S 0.03 Lon 148.77E 0.03
Dep 15.0 1.9 Half-duration 1.4

Principal Axes:
Scale 10**17 Nm
T Val= 2.48 Plg=62 Azm= 24
N 0.12 10 274
P -2.60 26 179
Best Double Couple:Mo=2.5*10**17
NP1:Strike=246 Dip=21 Slip= 60
NP2: 98 72 101

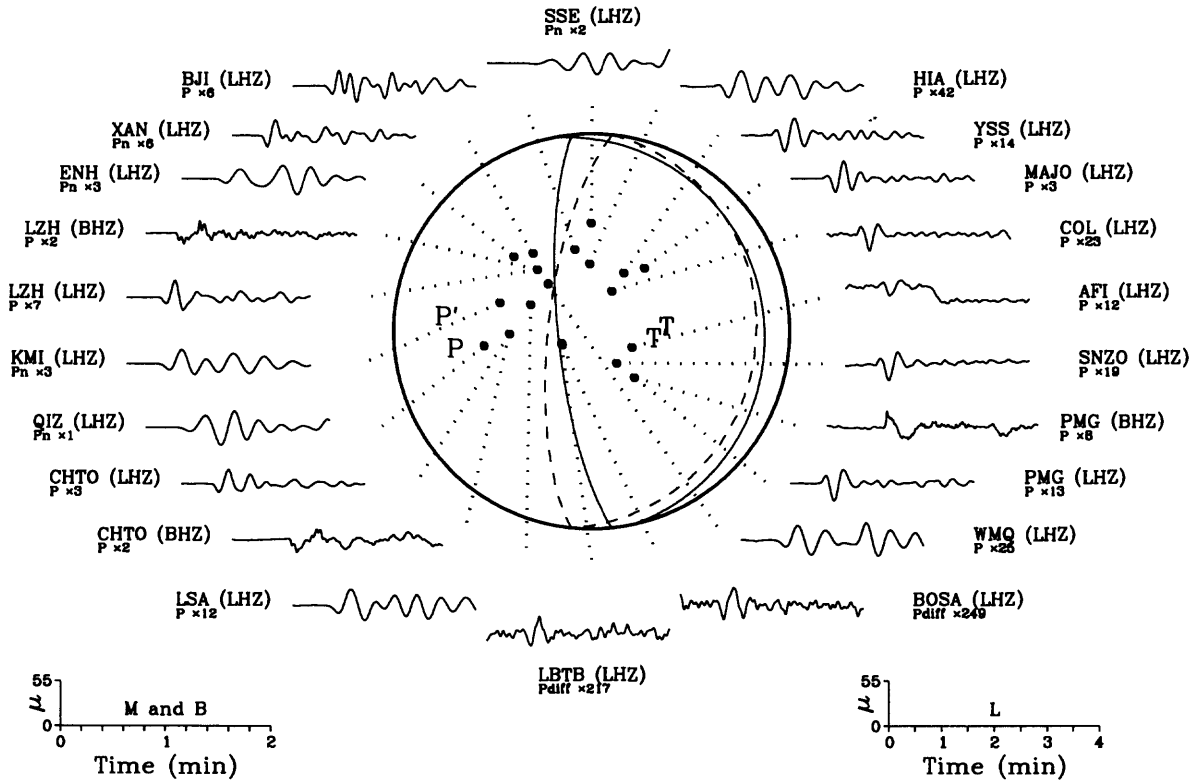
09 December 1993 04:32:19.52
Northern Molucca Sea



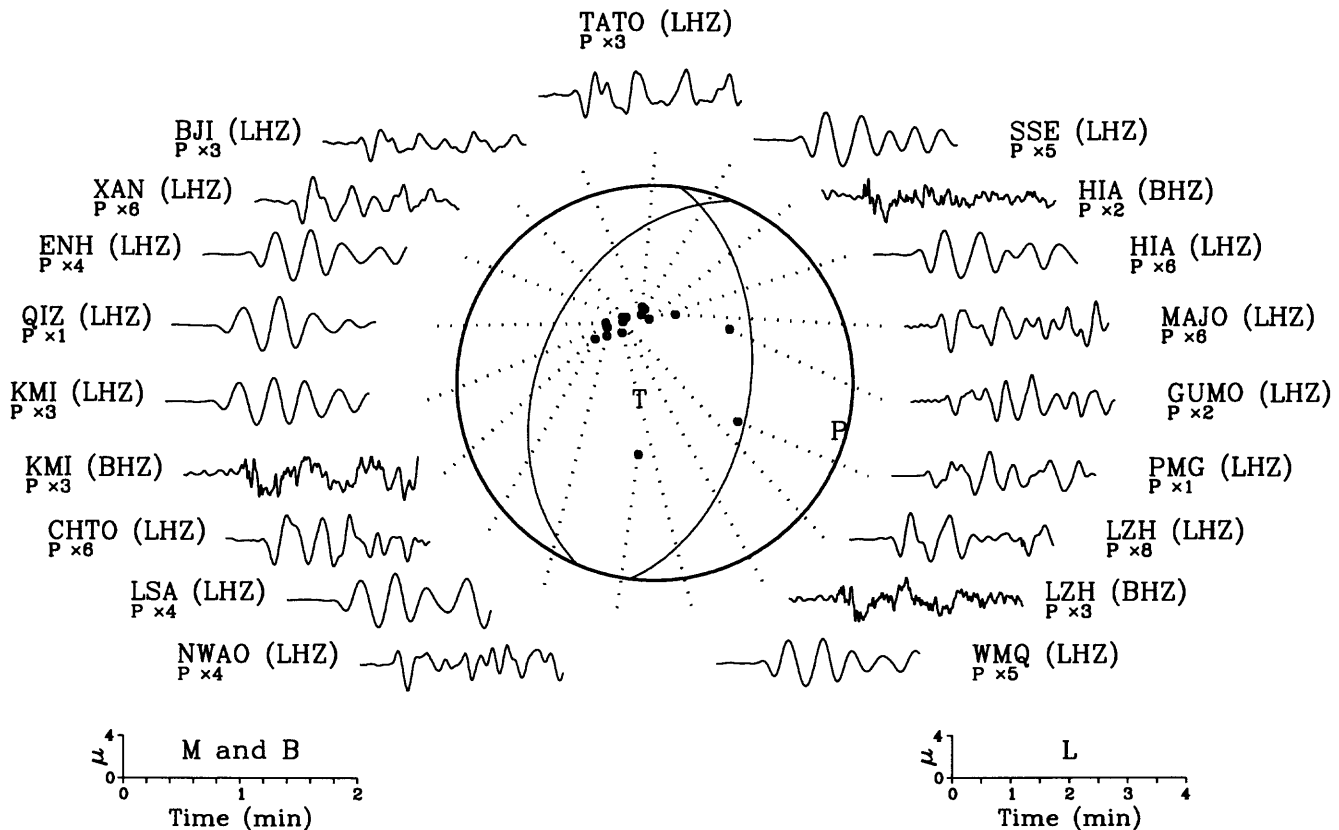
09 December 1993 11:38:27.96
Northern Molucca Sea



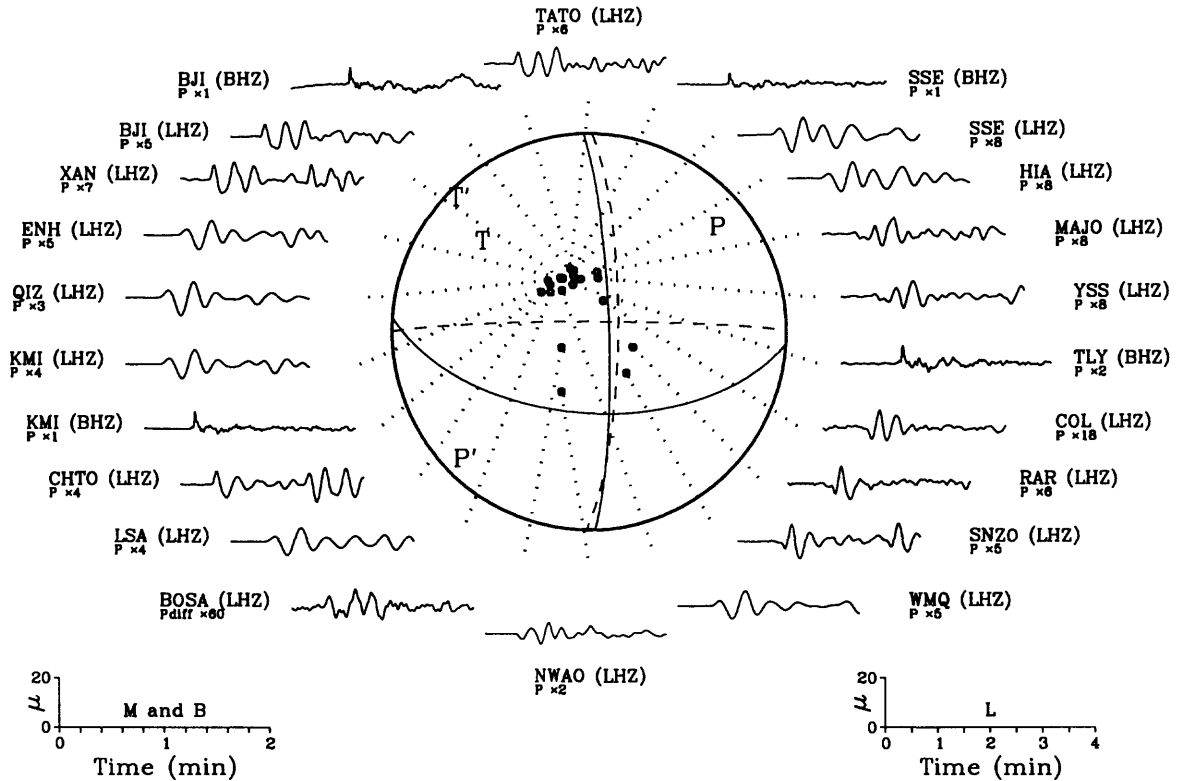
10 December 1993 08:59:35.82
Philippine Islands Region



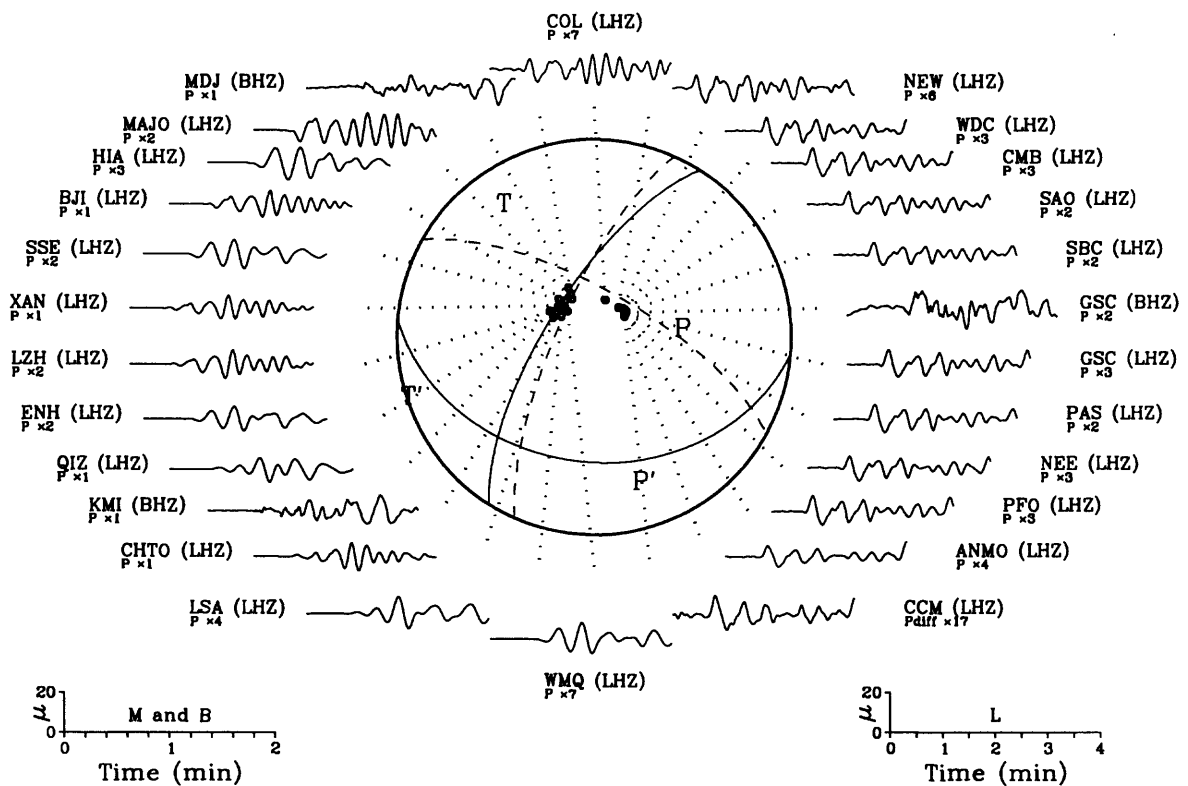
12 December 1993 17:03:19.34
Northern Molucca Sea



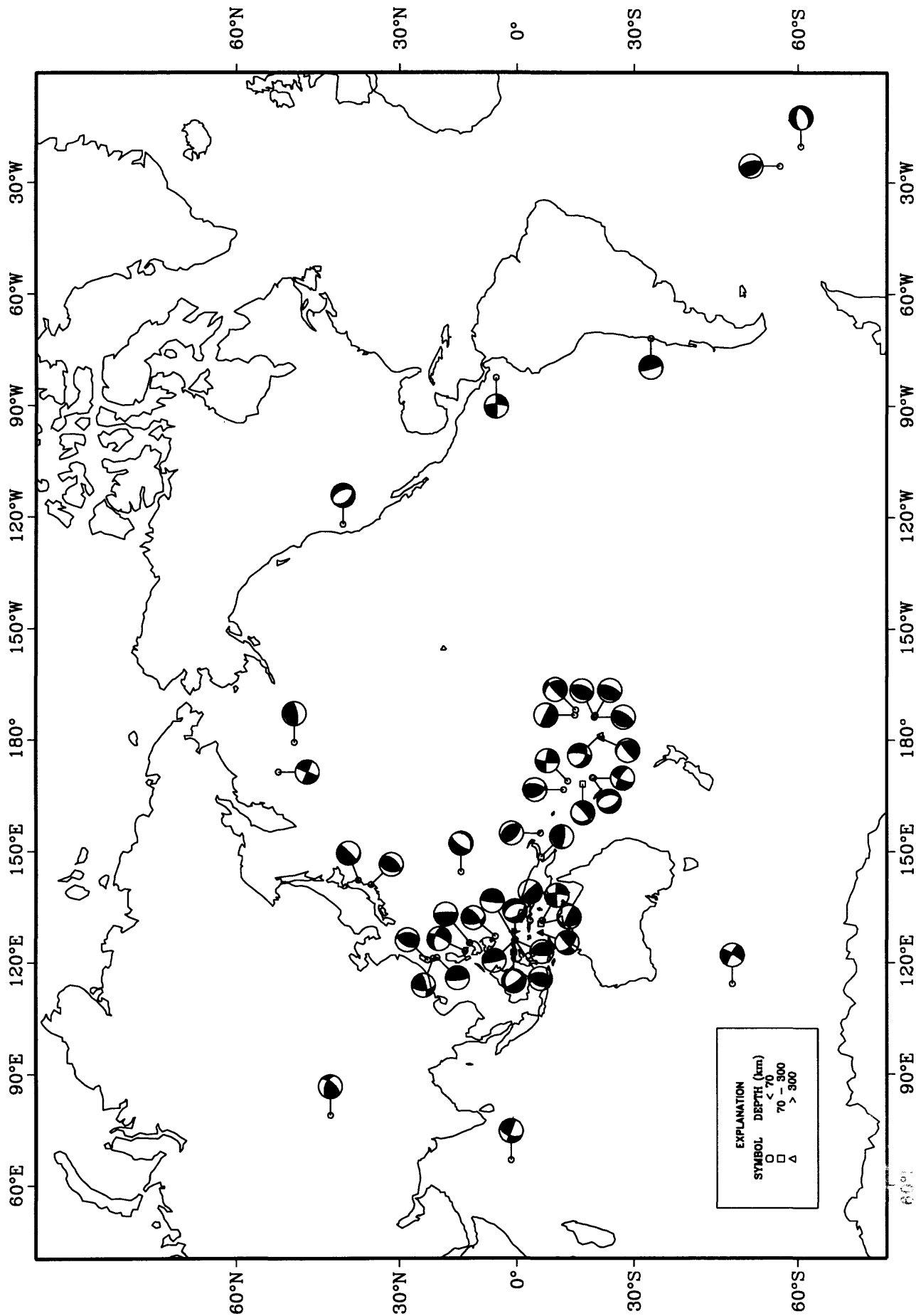
20 December 1993 13:56:14.87
Tanimbar Islands Reg., Indonesia

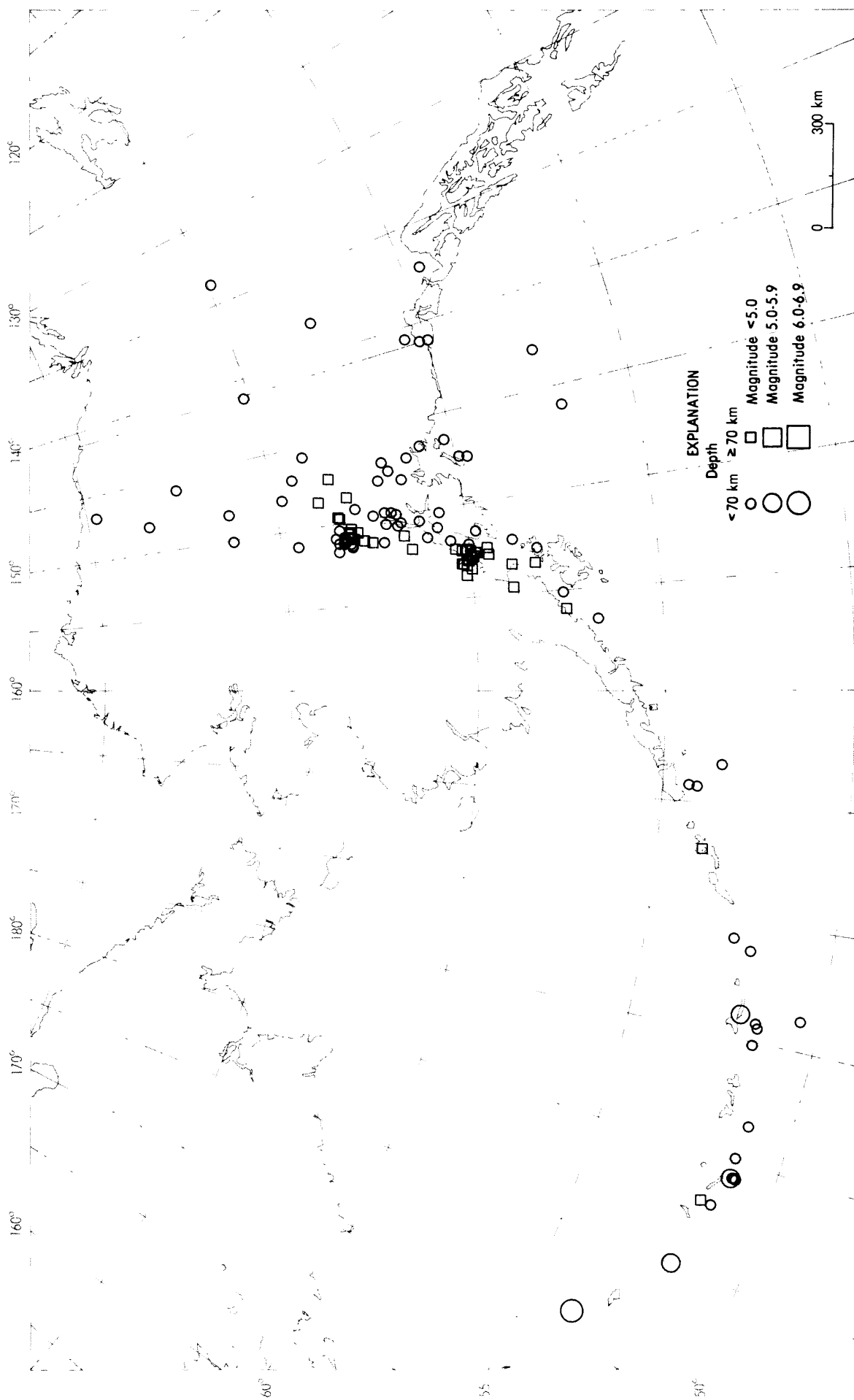


29 December 1993 07:48:14.20
Vanuatu Islands



Earthquake Focal Mechanisms for December 1993





Earthquake epicenters in Alaska and adjacent regions for December, 1993.

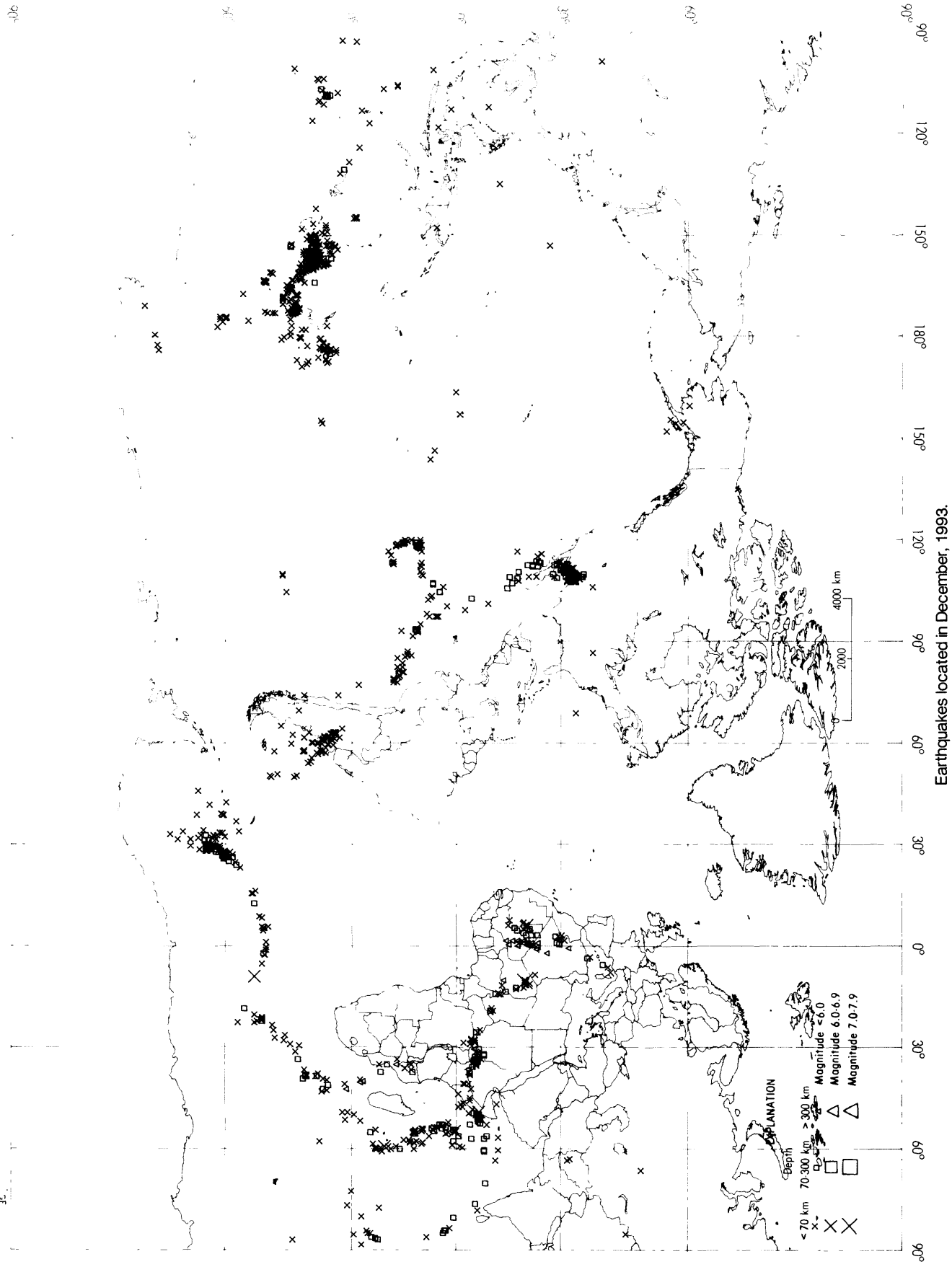


EXPLANATION

○ Magnitude <5.0

○ Magnitude 5.0-5.9

Earthquake epicenters in the conterminous United States and adjacent regions for December, 1993.



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