UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

PRELIMINARY DETERMINATION OF EPICENTERS
MONTHLY LISTING

JANUARY - MARCH 1994

NATIONAL EARTHQUAKE INFORMATION CENTER

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1994

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National Earthquake Information Center

JANUARY 1994

KEY	DAY	ORIGIN TIME UTC HR	MN	SEC	GEOGRAPHIC COORDINATES LAT		LONG		DEPTH		MAGNITUDES GS MB	Msz	SD	NO. STA USED	REGION, CONTRIBUTED MAGNITUDES AND COMMENTS
a	01	02	32	12.4	4.627	N	127.640	E	123	D	5.1		0.9	120	TALAUD ISLANDS, INDONESIA. Mw 5.1 (HRV).
	01	02	51	31.2&	34.436	N	106.983	W	10	G				15	NEW MEXICO. <SNM-P>. MD 2.5 (SNM).
	01	03	10	30.2*	28.647	N	34.609	E	10	G	3.9		1.3	6	EGYPT. MD 4.2 (HLW).
	01	03	17	25.0	51.291	N	3.418	W	10	G			1.3	29	UNITED KINGDOM. ML 3.6 (LDG).
	01	04	45	37.2%	40.712	N	29.949	E	10	G			0.7	5	TURKEY. ML 2.8 (ISK).
	01	05	08	35.7&	59.345	N	153.867	W	129					43	SOUTHERN ALASKA. <AEIC>.
	01	05	10	51.0	28.048	N	55.565	E	55	*	4.8		1.2	78	SOUTHERN IRAN
	01	06	18	33.3?	17.86	N	66.75	W	33	N			0.4	5	PUERTO RICO REGION
	01	06	55	25.6	6.571	S	148.747	E	54	*	4.8		0.7	17	NEW BRITAIN REGION, P.N.G.
	01	08	14	35.9	57.739	N	156.461	W	139		4.3		1.0	101	ALASKA PENINSULA
	01	08	58	11.2&	62.043	N	150.353	W	48					65	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC).
	01	09	00	02.9	36.550	N	4.339	W	102				0.8	29	STRAIT OF GIBRALTAR. MD 3.0 (RBA).
	01	09	33	56.2	40.170	N	20.506	E	10	G			1.1	20	GREECE-ALBANIA BORDER REGION. ML 2.7 (TIR). MD 3.2 (ATH).
	01	09	38	54.5*	39.101	N	21.762	E	10	G			1.4	12	GREECE. ML 2.8 (THE).
	01	10	07	23.1*	13.610	N	120.477	E	72	?	4.8		1.3	15	MINDORO, PHILIPPINE ISLANDS. Felt (II RF) at Quezon City.
	01	11	11	57.7?	5.33	S	142.44	E	146	?	3.9		0.6	6	NEW GUINEA, PAPUA NEW GUINEA
	01	11	32	56.9	32.232	S	71.632	W	33	N			0.4	13	NEAR COAST OF CENTRAL CHILE. MD 4.1 (SAN).
	01	13	20	14.0%	41.950	N	19.228	E	10	G			0.4	9	ALBANIA. ML 2.0 (TTG).
	01	13	27	55.6%	40.238	N	23.050	E	10	G			0.2	7	GREECE. ML 1.4 (THE).
	01	14	48	35.7*	21.219	S	169.362	E	33	N	4.1		1.0	10	LOYALTY ISLANDS REGION
	01	17	18	49.7%	44.495	N	7.013	E	10	G			0.2	7	NORTHERN ITALY. ML 2.0 (GEN).
	01	17	29	12.5?	17.13	N	120.38	E	33	N			1.4	6	LUZON, PHILIPPINE ISLANDS
	01	17	30	58.1&	34.914	N	116.921	W	0					10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 2.8 (GS).
	01	17	47	31.5&	34.388	N	117.016	W	9					37	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.6 (GS). Felt (III) at Fawnskin and (II) at Highland. Also felt at Big Bear City and Victorville.
	01	17	54	49.1*	32.640	S	70.195	W	110	G			0.4	10	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
	01	18	15	44.2%	36.424	N	3.590	W	10	G			1.4	8	STRAIT OF GIBRALTAR. mbLg 2.7 (MDD).
	01	18	25	39.9?	6.24	S	148.10	E	10	G			1.2	5	NEW BRITAIN REGION, P.N.G.
	01	18	38	51.2	9.020	S	123.675	E	113	*	4.5		1.0	20	TIMOR REGION, INDONESIA
	01	19	14	56.1	14.036	N	91.522	W	33	N			0.9	29	GUATEMALA
	01	19	46	46.9&	37.648	N	118.862	W	5					35	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.1 (GM). ML 2.9 (GS).
	01	20	56	47.7%	36.690	N	2.973	W	10	G			1.0	6	STRAIT OF GIBRALTAR
	01	21	11	18.6	13.055	N	89.673	W	18	*			0.7	22	EL SALVADOR. MD 4.3 (GCG).
	01	21	20	06.3	39.209	N	29.624	E	10	G			1.1	11	TURKEY. ML 3.3 (ISK).
	01	21	30	43.9&	59.020	N	152.333	W	81					43	SOUTHERN ALASKA. <AEIC>.
	01	21	53	47.1?	29.50	S	68.25	W	120	G			0.3	5	SAN JUAN PROVINCE, ARGENTINA
	01	22	00	29.8	39.215	N	75.143	E	10	G	4.8		0.9	28	SOUTHERN XINJIANG, CHINA
	01	22	28	05.5&	63.276	N	151.051	W	13					77	CENTRAL ALASKA. <AEIC>. ML 3.3 (AEIC), 3.5 (PMR).
	01	22	48	39.8&	36.588	N	121.178	W	4					9	CENTRAL CALIFORNIA. <GM-P>. MD 2.6 (GM).
	02	02	10	54.7&	63.278	N	151.029	W	12					11	CENTRAL ALASKA. <AEIC>. ML 2.3 (AEIC), 2.8 (PMR).
	02	02	35	19.2?	37.58	N	22.37	E	33	N			1.3	4	SOUTHERN GREECE. MD 3.1 (ATH).
	02	02	54	08.6%	44.749	N	6.607	E	10	G			0.5	5	FRANCE. ML 1.9 (GEN).
	02	03	11	18.2&	37.769	N	122.585	W	11					58	CENTRAL CALIFORNIA. <GM-P>. MD 3.0 (GM). ML 3.0 (BRK), 2.7 (GS). Felt at Daly City and in the western part of San Francisco.
	02	03	23	07.9?	11.40	N	87.01	W	33	N	4.5		1.1	17	NEAR COAST OF NICARAGUA
	02	04	01	20.8&	59.151	N	152.492	W	74					34	SOUTHERN ALASKA. <AEIC>.
a	02	04	12	11.3	37.291	N	71.435	E	101	D	5.0		0.9	163	AFGHANISTAN-TAJIKISTAN BORD REG. Mw 5.1 (HRV).
	02	04	20	00.6	40.320	N	20.159	E	10	G			0.9	6	GREECE-ALBANIA BORDER REGION. ML 2.8 (TIR).
	02	05	55	45.3	6.775	N	72.942	W	164		4.4		1.0	46	NORTHERN COLOMBIA
	02	07	35	33.9%	44.824	N	10.028	E	10	G			0.5	10	NORTHERN ITALY. ML 2.9 (GEN).
	02	07	45	23.8	46.110	N	13.512	E	10	G			0.8	13	AUSTRIA. MD 2.8 (LJU). 2.6 (TRI). ML 2.5 (VIE).
	02	07	49	23.6*	28.745	N	33.305	E	31	*	3.5		1.4	12	EGYPT. MD 4.1 (HLW).
	02	07	53	25.9?	41.37	N	28.81	E	10	G			0.1	4	TURKEY. ML 2.8 (ISK).

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	02	09	19	16.8?	44.45	N	7.33	E	5	G		0.1	4	NORTHERN ITALY. ML 1.7 (GEN).
	02	09	40	07.8&	37.772	N	122.587	W	11				8	CENTRAL CALIFORNIA. <GM-P>. MD 2.7 (GM). Felt.
	02	12	53	11.5?	38.50	N	26.74	E	10	G		0.7	4	AEGEAN SEA. ML 3.0 (ISK).
	02	14	11	10.8&	60.324	N	152.293	W	95				51	SOUTHERN ALASKA. <AEIC>.
	02	14	44	10.6*	12.262	N	144.113	E	39	*	4.3	0.7	11	SOUTH OF MARIANA ISLANDS
	02	15	14	23.0%	33.460	S	70.975	W	70	G		0.3	9	CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
	02	18	59	11.0	40.205	N	20.484	E	5	G		0.8	22	GREECE-ALBANIA BORDER REGION. ML 3.1 (THE), 3.1 (TIR). MD 3.5 (ATH).
	02	19	15	44.4?	22.83	N	121.03	E	5	G	4.1	1.0	7	TAIWAN REGION. ML 3.9 (BJI).
	02	19	48	23.6?	40.66	N	30.71	E	10	G		0.1	4	TURKEY. ML 2.7 (ISK).
	02	20	00	51.1	12.805	N	144.698	E	58	*	4.8 4.6	1.1	85	SOUTH OF MARIANA ISLANDS. Felt on Guam.
	02	21	28	28.0?	39.98	N	28.98	E	10	G		1.0	4	TURKEY. ML 2.7 (ISK).
	02	22	20	58.3%	43.010	N	18.730	E	10	G		0.4	9	NORTHWESTERN BALKAN REGION. ML 1.4 (TTG).
	02	22	21	12.5	38.354	N	22.263	E	10	G		1.0	8	GREECE. ML 3.1 (ATH).
	02	23	11	34.0?	28.10	S	26.89	E	5	G		1.0	5	REPUBLIC OF SOUTH AFRICA. ML 3.4 (PRE).
	03	01	00	05.2	36.772	N	2.922	W	8		3.7	1.2	45	STRAIT OF GIBRALTAR. MD 4.0 (RBA). mbLg 3.7 (MDD). Felt (V) in the Adra area, Spain.
f	03	01	26	11.4	49.721	N	126.768	W	19	G	5.3 5.4	1.1	263	VANCOUVER ISLAND REGION. Mw 5.7 (GS), 5.6 (HRV). ML 5.5 (PGC). Felt strongly on Nootka Island where items were knocked from shelves. Also felt strongly at Tahsis and Zeballos. Felt mildly throughout much of Vancouver Island from Port Hardy to Victoria. Felt in high-rise buildings at Vancouver and as far east as Harrison Lake. Depth from broadband displacement seismograms.
	03	01	56	31.0	15.255	S	70.131	W	220	*	4.4	1.4	14	SOUTHERN PERU
	03	02	24	20.5	41.449	N	23.059	E	5	G		0.3	10	GREECE-BULGARIA BORDER REGION. ML 2.5 (THE).
	03	04	22	23.1&	37.635	N	118.953	W	8				38	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.2 (GM). ML 3.0 (GS). Multiple event.
	03	04	23	55.8&	37.635	N	118.948	W	8				37	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM). ML 3.0 (BRK), 3.0 (GS). Multiple event.
	03	04	47	46.5%	44.384	N	7.356	E	10	G		0.6	7	NORTHERN ITALY. ML 2.0 (GEN).
	03	04	53	20.8	44.380	N	7.319	E	14			0.4	18	NORTHERN ITALY. ML 2.3 (GEN), 2.1 (LDG).
	03	04	56	18.0?	44.40	N	7.37	E	10	G		0.2	4	NORTHERN ITALY. ML 1.6 (GEN).
	03	04	57	27.7&	64.589	N	150.989	W	25				35	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC), 2.9 (PMR).
f	03	05	52	27.6	36.028	N	100.104	E	8	G	5.8 5.5	1.0	385	QINGHAI, CHINA. Mw 5.7 (GS), 5.7 (HRV). Five people injured and at least 56 houses damaged in the Gonghe area. Felt at Xining and Lanzhou. Depth from broadband displacement seismograms.
	03	07	56	30.5%	39.957	N	25.010	E	5	G		0.9	7	AEGEAN SEA. ML 2.7 (THE).
	03	08	13	51.6&	57.828	N	155.577	W	12				19	ALASKA PENINSULA. <AEIC>. ML 3.1 (AEIC).
	03	08	21	01.6*	29.991	N	34.054	E	10	G	3.7	0.9	8	EGYPT. MD 3.9 (HLW).
	03	10	32	18.0*	6.076	S	130.379	E	138	?	5.0	0.9	15	BANDA SEA
	03	11	09	47.4*	39.670	N	29.452	E	10	G		0.3	5	TURKEY. ML 2.7 (ISK).
	03	11	54	10.4*	33.796	S	68.661	W	5	G		0.7	15	MENDOZA PROVINCE, ARGENTINA. MD 4.0 (SAN).
	03	12	46	55.7	17.536	S	167.682	E	33	N	4.9 4.3	1.2	31	VANUATU ISLANDS
f	03	13	24	13.8	49.265	S	164.222	E	16	G	6.0 6.0	1.2	185	AUCKLAND ISLANDS REGION. Mw 6.1 (GS), 6.1 (HRV). Mo=3.7*10**18 Nm (PPT). Two events about 1.7 seconds apart. Depth from broadband displacement seismograms, based on second event.
	03	13	43	55.0?	22.89	S	177.60	W	263	?	5.0	0.7	25	SOUTH OF FIJI ISLANDS
	03	14	48	01.6?	28.76	S	177.27	W	101	*	4.6	1.3	15	KERMADEC ISLANDS REGION. Felt on Raoul Island.
	03	16	24	58.8&	67.477	N	145.758	W	36		3.6		48	NORTHERN ALASKA. <AEIC>. ML 3.6 (AEIC), 3.9 (PMR).
	03	16	46	48.0%	39.500	N	28.242	E	10	G		0.7	6	TURKEY. ML 3.0 (ISK).
	03	18	47	05.7*	16.297	N	61.140	W	32	*		0.3	9	LEEWARD ISLANDS. ML 3.1 (FDF).
	03	18	59	15.8*	32.703	S	178.213	W	33	N	5.1 5.1	1.2	34	SOUTH OF KERMADEC ISLANDS
	03	19	16	06.5*	0.291	N	125.609	E	33	N	4.9 4.6	0.9	10	NORTHERN MOLUCCA SEA
	03	19	49	11.5	40.222	N	21.483	E	10	G		0.6	6	GREECE. ML 1.9 (THE).
	03	19	53	16.1?	34.83	N	71.52	E	33	N	4.0	0.9	7	PAKISTAN
	03	20	10	27.1&	60.423	N	142.173	W	5				46	SOUTHERN ALASKA. <AEIC>. ML 3.4 (AEIC).
	03	21	00	31.3	37.002	N	35.842	E	26	D	5.0 4.8	1.1	194	TURKEY. ML 5.3 (CSS), 5.0 (ISK).
	03	22	02	35.3&	33.511	N	116.508	W	15				8	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 3.1 (GS).
	03	22	12	51.1?	62.10	N	3.53	E	10	G		0.7	9	NORWEGIAN SEA. MD 2.6 (BER).
	03	22	25	21.2	38.494	N	20.491	E	5	G		1.1	15	GREECE. MD 3.1 (ATH). ML 2.8 (THE).
	03	23	06	05.4	39.391	N	28.161	E	10	G		0.7	13	TURKEY. ML 3.3 (ISK).
	03	23	10	08.2*	44.927	N	15.805	E	10	G		0.9	7	NORTHWESTERN BALKAN REGION. MD 2.8 (LJU), 2.6 (TRI).
	03	23	39	15.6&	36.070	N	120.115	W	5				70	CENTRAL CALIFORNIA. <GM-P>. MD 3.4 (GM). ML 3.3 (BRK), 3.3 (GS), 3.2 (PAS).
	04	01	11	59.2*	49.805	N	18.474	E	10	G		0.9	5	CZECH AND SLOVAK REPUBLICS
	04	01	21	30.5?	38.92	N	27.70	E	10	G		0.8	4	TURKEY. ML 2.8 (ISK).
	04	01	44	28.4&	63.132	N	151.288	W	15				53	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC).
	04	01	55	05.4*	43.958	N	7.475	E	10	G		0.0	5	NEAR SOUTH COAST OF FRANCE. ML 1.1 (STR).
	04	02	26	48.0?	16.91	S	173.91	W	23	*	5.2	1.2	28	TONGA ISLANDS
	04	02	33	19.8*	17.027	S	173.731	W	33	N	5.0	1.1	34	TONGA ISLANDS
	04	03	28	14.1*	37.187	N	29.237	E	10	G		1.0	5	TURKEY. ML 3.2 (ISK).
	04	04	11	15.0*	32.354	S	71.575	W	10	G		1.0	11	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	04	04	14	54.1*	51.403	N	15.851	E	10	G		1.1	5	POLAND. ML 3.1 (VIE).
	04	04	31	18.4%	26.758	S	26.754	E	5	G		0.9	5	REPUBLIC OF SOUTH AFRICA. ML 2.2 (PRE).
	04	05	46	05.6%	42.980	N	18.113	E	5	G		0.4	9	NORTHWESTERN BALKAN REGION. ML 1.8 (TTG).
	04	06	08	55.5?	12.76	S	118.84	E	33	N	4.3	0.3	5	SOUTH OF SUMBAWA, INDONESIA
	04	06	33	48.5	42.111	N	20.643	E	10	G		0.9	12	NORTHWESTERN BALKAN REGION. ML 2.5 (TTG).
	04	06	53	59.2?	10.91	N	89.83	W	140	G		1.1	14	OFF COAST OF CENTRAL AMERICA
	04	07	27	38.9%	26.351	S	27.500	E	5	G		0.9	9	REPUBLIC OF SOUTH AFRICA. ML 3.4 (PRE).
	04	08	03	15.8	36.651	N	2.822	W	22	D	4.9 4.7	1.3	236	STRAIT OF GIBRALTAR. mbLg 5.0 (MDD). MD 4.7 (RBA). Felt (VII) in the Adra area, Spain.
	04	08	05	56.1*	36.477	N	2.784	W	5	G		1.4	5	STRAIT OF GIBRALTAR. mbLg 3.6 (MDD).
	04	08	28	45.3*	31.202	S	68.390	W	33	N		0.9	6	SAN JUAN PROVINCE, ARGENTINA
	04	08	33	29.9*	18.563	S	178.114	W	517	D	4.4	1.2	42	FIJI ISLANDS REGION. MD 4.4 (SVA).
	04	08	41	42.9%	9.969	N	68.530	W	10	G		1.2	6	VENEZUELA
	04	08	47	26.8	36.573	N	2.796	W	5	G		1.3	18	STRAIT OF GIBRALTAR. mbLg 3.5 (MDD).
	04	09	25	26.8%	33.675	S	71.589	W	27			0.4	10	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
	04	09	29	38.5	29.188	N	51.442	E	30	D	4.8	1.0	66	SOUTHERN IRAN
	04	09	46	30.3	40.487	N	21.872	E	10	G		0.6	10	GREECE. ML 2.1 (THE).
	04	10	41	17.5&	59.298	N	152.500	W	70				42	SOUTHERN ALASKA. <AEIC>.

	04	10	44	28.0*	37.539	N	20.957	E	33	N	3.8	1.2	21	IONIAN SEA. ML 3.6 (ATH), 3.6 (THE).
	04	11	08	22.0%	32.870	S	70.760	W	80	G		0.3	10	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	04	11	14	24.8%	43.092	N	0.616	W	5	G		0.3	7	PYRENEES. ML 1.0 (STR).
	04	11	34	41.2	40.460	N	21.778	E	10	G		0.7	9	GREECE. ML 2.2 (THE).
	04	11	34	57.5	37.079	N	4.991	W	5	G		1.1	11	SPAIN. mbLg 2.9 (MDD).
	04	12	12	28.3	0.260	S	124.322	E	87	*	5.1	1.2	72	SOUTHERN MOLUCCA SEA
	04	12	39	26.7*	26.840	S	26.708	E	5	G	4.6	1.1	14	REPUBLIC OF SOUTH AFRICA. mbLg 4.5 (BUL). ML 3.9 (PRE).
	04	14	32	40.7%	33.138	S	70.279	W	10	G		0.2	9	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	04	14	49	15.9?	32.00	S	177.48	W	33	N	5.1 4.0	1.3	10	KERMADEC ISLANDS REGION
	04	14	57	41.0%	40.785	N	28.737	E	5	G		0.4	6	TURKEY. ML 2.7 (ISK).
	04	15	51	00.3%	26.789	S	26.696	E	5	G		0.9	6	REPUBLIC OF SOUTH AFRICA. ML 2.5 (PRE).
	04	16	14	27.2%	33.888	S	71.404	W	33	N		0.6	9	NEAR COAST OF CENTRAL CHILE. MD 3.4 (SAN).
	04	16	46	12.1	36.520	N	2.778	W	5	G		1.0	17	STRAIT OF GIBRALTAR. mbLg 3.4 (MDD).
	04	16	51	22.2	26.370	N	95.939	E	88	*	4.5	1.4	29	MYANMAR-INDIA BORDER REGION
	04	17	27	19.5%	40.056	N	29.032	E	10	G		0.3	8	TURKEY. ML 2.8 (ISK).
	04	17	55	23.5&	59.917	N	151.947	W	75		3.1		82	KENAI PENINSULA, ALASKA. <AEIC>.
	04	17	59	35.7*	18.319	S	178.398	W	604	*	4.4	1.2	35	FIJI ISLANDS REGION
	04	18	26	11.7%	44.241	N	8.234	E	10	G		0.3	6	NORTHERN ITALY. ML 2.0 (GEN).
	04	18	26	17.5%	44.254	N	8.199	E	10	G		0.3	7	NORTHERN ITALY. ML 2.2 (GEN).
	04	18	29	40.0%	44.236	N	8.237	E	10	G		0.1	6	NORTHERN ITALY. ML 1.8 (GEN).
	04	18	30	08.5?	44.25	N	8.22	E	10	G		0.1	4	NORTHERN ITALY. ML 1.5 (GEN).
	04	18	33	54.8?	39.37	N	28.15	E	10	G		1.2	4	TURKEY. ML 2.7 (ISK).
	04	18	56	01.3*	11.721	N	125.353	E	62	*		0.5	10	SAMAR, PHILIPPINE ISLANDS
	04	19	02	11.5&	59.964	N	153.363	W	142		3.5		98	SOUTHERN ALASKA. <AEIC>.
f	04	19	31	59.8	4.301	S	135.145	E	11	G	5.8 6.0	1.1	139	IRIAN JAYA REGION, INDONESIA. Mw 6.0 (GS), 5.9 (HRV). Mo=3.2*10**18 Nm (PPT). Depth from broadband displacement seismograms.
	04	19	51	40.1	4.172	S	135.220	E	17	D	5.5 5.2	1.2	87	IRIAN JAYA REGION, INDONESIA
	04	19	55	38.0%	44.234	N	8.245	E	10	G		0.2	8	NORTHERN ITALY. ML 2.2 (GEN).
	04	19	58	47.0*	42.574	N	142.237	E	33	N	4.9	0.6	20	HOKKAIDO, JAPAN REGION
	04	20	32	25.1%	44.744	N	7.531	E	10	G		0.9	5	NORTHERN ITALY. ML 2.2 (GEN).
	04	21	08	36.2%	36.486	N	2.804	W	5	G		0.9	9	STRAIT OF GIBRALTAR. mbLg 3.3 (MDD).
	04	21	31	16.8%	26.831	S	26.718	E	5	G		0.5	6	REPUBLIC OF SOUTH AFRICA. ML 3.0 (PRE).
	04	22	06	41.9*	14.298	S	166.658	E	33	N	4.7	0.3	10	VANUATU ISLANDS
	04	22	44	30.0	40.197	N	27.446	E	13			0.4	19	TURKEY. ML 3.4 (ISK).
	04	22	45	57.1&	62.217	N	149.525	W	50				57	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
	04	23	28	51.9	51.151	N	179.326	E	33	N	4.7 4.5	1.0	84	RAT ISLANDS, ALEUTIAN ISLANDS. ML 5.2 (PMR).
	04	23	35	27.2	38.183	N	23.899	E	5	G		1.3	22	GREECE. ML 3.6 (THE). MD 3.3 (ATH).
a	04	23	46	47.7	16.413	N	145.603	E	535		5.2	0.9	226	MARIANA ISLANDS. Mw 5.5 (HRV).
	05	00	06	03.3*	30.031	S	71.798	W	54	*	4.5	1.2	25	NEAR COAST OF CENTRAL CHILE. Felt (IV) in the La Serena-Coquimbo area.
	05	00	18	17.3*	6.811	S	147.423	E	10	G	4.9	0.9	9	EASTERN NEW GUINEA REG., P.N.G.
	05	00	49	17.3*	29.966	S	72.044	W	33	N	4.4	0.9	15	OFF COAST OF CENTRAL CHILE
	05	01	14	42.0&	67.699	N	147.078	W	12		4.9 4.7		150	NORTHERN ALASKA. <AEIC>. ML 4.8 (AEIC), 5.5 (PMR). Felt at Fort Yukon and as far away as Fairbanks.
	05	02	34	58.8%	49.436	N	0.966	E	10	G		0.7	13	FRANCE. ML 2.7 (LDG).
	05	02	37	49.0*	41.422	N	23.045	E	10	G		0.9	8	GREECE-BULGARIA BORDER REGION. ML 2.7 (THE).
	05	03	21	39.6&	65.749	N	155.051	W	14				22	NORTHERN ALASKA. <AEIC>. ML 2.9 (AEIC).
	05	03	25	47.7*	3.154	N	126.830	E	72	*	4.9	1.0	25	TALAUD ISLANDS, INDONESIA
	05	03	30	06.6?	31.99	S	117.33	E	10	G	3.2	0.1	4	WESTERN AUSTRALIA
	05	03	37	25.6&	48.515	N	119.917	W	0				30	WASHINGTON. <SEA-P>. MD 3.0 (SEA).
	05	04	01	43.0%	39.169	N	22.986	E	10	G		0.5	6	GREECE. ML 2.0 (THE).
a	05	04	24	36.9	16.671	N	145.631	E	592	D	5.4	0.9	248	MARIANA ISLANDS. Mw 5.6 (HRV).
	05	05	04	56.4&	60.129	N	152.846	W	108				61	SOUTHERN ALASKA. <AEIC>.
	05	05	39	18.3	40.070	N	24.656	E	10	G		0.4	11	AEGEAN SEA. ML 2.9 (THE).
	05	06	15	54.2?	27.01	N	96.58	E	33	N	4.1	0.7	8	MYANMAR-INDIA BORDER REGION
	05	06	20	38.2?	45.87	N	15.33	E	10	G		0.4	4	NORTHWESTERN BALKAN REGION. ML 1.5 (LJU).
	05	07	24	34.6	33.732	S	69.732	W	5	G		0.2	11	CHILE-ARGENTINA BORDER REGION. MD 4.1 (SAN).
	05	07	30	35.9	30.656	S	72.154	W	42		5.0	0.9	32	OFF COAST OF CENTRAL CHILE
	05	08	14	48.0*	17.572	S	175.153	W	244	*	4.5	0.8	21	TONGA ISLANDS
	05	08	44	57.9	41.734	N	19.172	E	10	G		1.0	33	ALBANIA. ML 3.4 (TTG), 3.4 (THE), 3.1 (TIR). MD 3.8 (TRI).
	05	08	49	31.5*	42.571	N	13.024	E	10	G		1.1	16	CENTRAL ITALY. ML 3.4 (VIE), 3.3 (LDG). MD 3.3 (TRI).
	05	09	19	59.7%	36.529	N	2.814	W	5	G		1.0	6	STRAIT OF GIBRALTAR. mbLg 3.0 (MDD).
	05	09	53	43.6%	40.666	N	23.003	E	5	G		0.3	5	GREECE. ML 1.4 (THE).
	05	10	11	51.9	5.831	S	145.803	E	32	D	5.0 4.5	1.0	41	EASTERN NEW GUINEA REG., P.N.G. ML 5.3 (PMG).
	05	10	31	37.6	21.155	N	121.832	E	21	D	4.4 4.0	1.1	34	TAIWAN REGION
	05	11	38	57.4*	36.003	N	21.839	E	33	N		1.3	14	SOUTHERN GREECE. ML 4.0 (ATH).
	05	11	40	31.4*	51.169	N	15.376	E	10	G		1.1	10	POLAND. ML 3.4 (VIE).
	05	12	06	58.3?	4.35	S	134.89	E	33	N	4.2	1.5	6	IRIAN JAYA REGION, INDONESIA
	05	12	08	33.8*	33.430	S	68.764	W	5	G		0.6	12	MENDOZA PROVINCE, ARGENTINA. MD 4.0 (SAN).
	05	12	10	15.1?	39.11	N	27.50	E	10	G		0.3	4	TURKEY. ML 2.8 (ISK).
	05	12	11	10.2%	26.345	S	27.499	E	5	G		1.0	8	REPUBLIC OF SOUTH AFRICA. ML 2.7 (PRE).
	05	13	15	51.9*	42.257	N	23.694	E	10	G		1.1	10	BULGARIA. ML 3.2 (THE).
f	05	13	24	09.9	39.085	N	15.145	E	273	G	5.7	1.2	620	SOUTHERN ITALY. Mw 5.8 (GS), 5.8 (HRV). MD 5.4 (VIE). Felt (VII) throughout much of southern Italy. Depth from broadband displacement seismograms.
	05	14	25	45.2	6.163	S	146.392	E	81		5.3	0.9	108	EASTERN NEW GUINEA REG., P.N.G.
	05	14	28	05.8	6.902	N	73.149	W	173		4.5	1.0	16	NORTHERN COLOMBIA. MD 4.8 (UPA).
	05	14	36	54.3%	32.940	S	70.320	W	110	G		0.3	9	CHILE-ARGENTINA BORDER REGION. MD 3.8 (SAN).
	05	15	02	04.5?	40.42	N	29.22	E	10	G		1.4	4	TURKEY. ML 2.5 (ISK).
	05	15	17	01.2*	26.319	S	27.513	E	5	G		0.6	5	REPUBLIC OF SOUTH AFRICA. ML 2.6 (PRE).
	05	15	26	29.4*	32.471	S	69.750	W	130	G		0.8	12	MENDOZA PROVINCE, ARGENTINA. MD 3.8 (SAN).
	05	15	37	14.3	26.351	S	27.461	E	5	G		0.8	7	REPUBLIC OF SOUTH AFRICA. ML 2.5 (PRE).
	05	15	45	22.3&	61.101	N	150.391	W	15				55	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
	05	15	57	04.0&	42.382	N	122.067	W	7				15	OREGON. <SEA-P>. MD 2.9 (SEA). ML 3.2 (GS).
	05	16	06	22.8?	39.65	N	29.48	E	10	G		0.9	4	TURKEY. ML 2.6 (ISK).
	05	16	23	54.6	40.855	N	22.906	E	5	G		0.4	9	GREECE. ML 2.4 (THE), 2.1 (SKO).
	05	16	43	32.3%	40.830	N	22.886	E	10	G		0.5	7	GREECE. ML 1.7 (THE).
	05	16	50	08.9	21.204	N	122.115	E	38	*	4.1	1.0	23	TAIWAN REGION
	05	17	00	45.1?	14.52	N	55.30	E	10	G	4.5	1.3	9	ARABIAN SEA
	05	17	18	36.8&	67.347	N	146.867	W	10				12	NORTHERN ALASKA. <AEIC>. ML 2.9 (AEIC).
	05	20	24	03.7?	41.60	N	23.98	E	5	G		0.8	5	GREECE-BULGARIA BORDER REGION. ML 2.4 (THE).

	05	21	14	01.3&	58.200	N	151.636	W	0			46	KODIAK ISLAND REGION. <AEIC>. ML 3.2 (AEIC).
	05	21	22	01.9%	36.721	N	2.942	W	5	G	1.2	8	STRAIT OF GIBRALTAR. mbLg 3.0 (MDD).
	05	21	39	22.4	40.840	N	27.941	E	10	G	0.5	32	TURKEY. ML 3.8 (THE), 3.5 (ISK). MD 3.4 (ATH).
	05	22	12	02.3	51.834	N	173.458	W	33	N 4.6	0.8	36	ANDREANOF ISLANDS, ALEUTIAN IS.
	05	23	00	56.0*	25.887	N	106.933	W	10	G 3.8	1.4	15	NORTHERN MEXICO. Felt in the state of Chihuahua.
	05	23	59	34.2*	6.194	S	130.453	E	120	G 4.8	1.1	10	BANDA SEA
	06	00	46	00.7?	38.88	N	30.02	E	10	G	0.1	4	TURKEY. ML 2.8 (ISK).
	06	00	54	02.8?	13.48	N	59.85	W	10	G	0.4	8	WINDWARD ISLANDS. ML 2.8 (FDF). MD 2.9 (TRN).
	06	02	29	22.0*	37.110	N	72.005	E	33	N 4.8	1.4	12	TAJIKISTAN
	06	02	48	06.4	40.137	N	29.311	E	10	G	0.5	13	TURKEY. ML 3.3 (ISK).
	06	03	02	18.2	31.951	S	69.026	W	123	4.8	0.8	31	SAN JUAN PROVINCE, ARGENTINA. MD 4.8 (SAN).
	06	03	31	01.2	44.851	N	7.624	E	24		0.7	35	NORTHERN ITALY. ML 2.8 (GEN), 2.6 (LDG).
	06	04	18	47.4	17.402	N	145.717	E	146	5.1	1.0	120	MARIANA ISLANDS
	06	04	55	07.7%	33.675	S	71.699	W	33	N	0.4	9	NEAR COAST OF CENTRAL CHILE. MD 3.4 (SAN).
	06	07	33	18.8%	39.900	N	23.446	E	5	G	0.4	9	AEGEAN SEA
	06	07	49	40.7?	11.25	N	61.85	W	33	N	0.8	4	WINDWARD ISLANDS. MD 2.8 (TRN).
	06	08	31	19.1?	4.33	S	80.56	W	33	N	0.7	7	PERU-ECUADOR BORDER REGION. MD 4.4 (QUI).
	06	08	33	45.3?	51.52	N	16.09	E	10	G	1.3	5	POLAND
	06	09	53	39.6?	34.89	S	71.07	W	100	G	0.2	9	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
	06	10	10	31.0%	39.636	N	29.475	E	10	G	0.7	6	TURKEY. ML 2.7 (ISK).
	06	10	33	38.9?	51.57	N	16.48	E	10	G 3.5	0.2	10	POLAND. ML 3.4 (VIE).
	06	10	45	02.2?	39.69	N	29.49	E	10	G	1.4	4	TURKEY. ML 2.6 (ISK).
	06	10	59	51.0*	51.171	N	15.246	E	10	G	1.0	8	POLAND. ML 3.6 (VIE).
	06	11	28	36.6?	39.63	N	29.41	E	10	G	0.3	4	TURKEY. ML 2.6 (ISK).
	06	12	21	49.8?	39.03	N	27.70	E	10	G	0.5	4	TURKEY. ML 2.7 (ISK).
	06	12	28	57.9	39.671	N	15.380	E	307	4.1	0.9	39	SOUTHERN ITALY
	06	12	33	05.7*	41.577	N	22.313	E	10	G	0.8	6	NORTHWESTERN BALKAN REGION
	06	12	41	22.9%	40.232	N	29.230	E	10	G	1.0	5	TURKEY. ML 2.6 (ISK).
	06	13	14	21.5?	39.69	N	29.49	E	10	G	0.2	4	TURKEY. ML 2.6 (ISK).
	06	13	50	50.9*	4.746	S	144.627	E	33	N 4.3	1.5	5	NEAR N COAST OF NEW GUINEA, PNG.
	06	15	15	50.6&	34.280	N	116.771	W	2			6	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	06	16	20	27.5%	47.497	N	5.034	E	10	G	0.7	8	FRANCE. ML 2.3 (LDG).
	06	17	20	52.9	18.052	N	68.367	W	88	* 4.0	0.8	28	MONA PASSAGE
	06	17	31	10.6?	19.17	N	66.88	W	30		0.3	7	PUERTO RICO REGION
	06	18	21	55.5%	40.700	N	22.786	E	5	G	0.1	5	GREECE. ML 2.0 (THE).
	06	19	33	46.6?	44.29	N	7.64	E	10	G	0.2	4	NORTHERN ITALY. ML 1.6 (GEN).
	06	21	19	03.6	2.831	N	73.994	W	103	* 3.9	0.8	12	COLOMBIA. Felt in Caqueta, Huila, Meta and Tolima Departments.
	06	23	24	44.6?	1.47	N	79.27	W	33	N	1.2	5	NEAR COAST OF ECUADOR
	06	23	28	11.9	40.099	N	19.760	E	5	G	1.1	16	ALBANIA. ML 3.1 (TIR), 2.9 (THE).
	07	00	32	56.0?	7.15	N	126.44	E	10	G 4.7	1.1	10	MINDANAO, PHILIPPINE ISLANDS
	07	01	36	17.7*	21.766	S	70.291	W	33	N 4.8	1.1	13	NEAR COAST OF NORTHERN CHILE
	07	02	00	52.2	22.345	S	179.531	W	586	D 5.2	1.0	117	SOUTH OF FIJI ISLANDS. MD 4.9 (SVA).
	07	02	10	35.1*	34.062	S	71.444	W	70	G	0.3	12	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
	07	02	25	30.2%	12.036	N	86.875	W	33	N	0.6	10	NICARAGUA. MD 4.0 (GCG).
	07	03	27	02.9%	47.532	N	5.166	E	10	G	0.9	11	FRANCE. ML 2.7 (LDG).
	07	03	36	01.6%	47.449	N	5.246	E	10	G	0.7	7	FRANCE. ML 1.8 (LDG).
	07	03	37	38.9*	15.898	N	60.828	W	33	N	0.9	10	LEEWARD ISLANDS. ML 2.9 (FDF).
f	07	03	42	42.9	52.028	N	159.019	E	55	D 5.6	1.0	426	OFF EAST COAST OF KAMCHATKA. Mw 5.7 (GS), 5.7 (HRV). Felt (III) at Petropavlovsk-Kamchatskiy.
	07	03	48	17.9	41.771	N	22.219	E	5	G	0.9	13	NORTHWESTERN BALKAN REGION. ML 2.9 (THE).
	07	03	53	17.4&	35.986	N	120.128	W	17			17	CENTRAL CALIFORNIA. <GM-P>. MD 3.5 (GM). ML 3.4 (PAS), 3.2 (BRK).
	07	03	57	58.1	41.768	N	22.239	E	10	G	1.0	12	NORTHWESTERN BALKAN REGION. ML 2.9 (THE).
	07	05	17	56.7?	19.26	N	66.91	W	10	G	0.7	5	PUERTO RICO REGION
	07	06	50	11.7%	11.978	N	61.912	W	109	?	0.2	8	WINDWARD ISLANDS. MD 3.3 (TRN).
	07	07	19	25.1	2.541	N	79.786	W	26	5.0	1.1	45	SOUTH OF PANAMA. MD 4.6 (QUI), 4.6 (UPA).
	07	07	36	04.2?	19.90	S	169.91	E	50	? 4.6 4.0	1.0	11	VANUATU ISLANDS
	07	07	41	39.7*	39.994	N	19.572	E	10	G	1.2	13	GREECE-ALBANIA BORDER REGION. ML 2.9 (TIR), 2.8 (THE).
	07	08	41	25.3?	35.22	S	70.07	W	170	G	0.2	9	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	07	09	02	20.9%	39.268	N	27.714	E	10	G	0.2	5	TURKEY. ML 2.8 (ISK).
	07	09	06	21.8%	26.354	S	27.438	E	5	G	0.8	6	REPUBLIC OF SOUTH AFRICA. ML 2.3 (PRE).
	07	09	25	46.5	34.761	N	71.211	E	37	* 4.7 4.0	1.3	50	PAKISTAN
	07	09	39	37.5&	42.283	N	121.906	W	7			77	OREGON. <SEA-P>. MD 4.0 (SEA). ML 4.1 (GS), 3.9 (BRK). Felt (IV) at Chiloquin and Klamath Falls. Felt (III) at Midland.
	07	09	53	55.5?	39.16	N	27.51	E	10	G	0.3	4	TURKEY. ML 2.7 (ISK).
	07	10	10	07.5?	39.16	N	27.54	E	10	G	0.7	4	TURKEY. ML 2.7 (ISK).
	07	10	19	58.7&	62.048	N	150.206	W	47	2.6		77	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC).
	07	10	46	22.1?	39.12	N	27.56	E	10	G	0.3	4	TURKEY. ML 2.8 (ISK).
	07	10	50	36.5	2.994	S	136.422	E	33	N 5.1	0.8	20	IRIAN JAYA REGION, INDONESIA
	07	11	02	58.3?	39.20	N	27.56	E	10	G	0.4	4	TURKEY. ML 2.7 (ISK).
	07	11	05	22.5	4.842	N	96.402	E	173	D 5.4	1.0	250	NORTHERN SUMATERA, INDONESIA
	07	11	43	21.0%	39.594	N	29.413	E	10	G	0.8	6	TURKEY. ML 2.7 (ISK).
	07	12	57	15.5%	32.967	S	71.407	W	50	G	0.4	9	NEAR COAST OF CENTRAL CHILE. MD 3.5 (SAN).
	07	12	57	22.9	40.233	N	19.747	E	10	G	1.0	14	ALBANIA. ML 2.9 (THE).
	07	13	27	55.0*	42.543	N	24.122	E	10	G	0.7	10	BULGARIA. ML 3.2 (THE).
	07	13	33	22.5&	32.326	N	115.220	W	6	G		4	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 2.8 (PAS).
	07	13	52	48.7?	39.64	N	29.46	E	10	G	0.2	4	TURKEY. ML 2.7 (ISK).
	07	14	02	26.5%	44.822	N	6.793	E	5	G	0.5	7	FRANCE. ML 2.1 (GEN).
	07	15	07	07.2&	42.277	N	121.914	W	8			14	OREGON. <SEA-P>. MD 2.8 (SEA). ML 2.8 (GS).
	07	18	22	24.8&	61.468	N	150.318	W	39			58	SOUTHERN ALASKA. <AEIC>. ML 2.7 (AEIC).
	07	18	30	12.1	40.149	N	17.369	E	23		1.2	40	SOUTHERN ITALY. ML 4.1 (TTG), 4.0 (THE), 4.0 (TIR).
	07	18	32	23.2	19.212	N	121.131	E	38	* 4.6 4.9	1.2	51	PHILIPPINE ISLANDS REGION. Felt (II RF) at Pasuquin.
	07	18	34	09.3*	32.767	S	69.870	W	135	?	0.8	16	MENDOZA PROVINCE, ARGENTINA. MD 3.7 (SAN).
a	07	19	23	53.3	0.591	S	98.601	E	30	D 5.6 5.3	1.0	190	SOUTHERN SUMATERA, INDONESIA. Mw 5.6 (HRV).
	07	19	29	09.9*	6.659	S	130.654	E	33	N 5.3	0.8	10	BANDA SEA
	07	20	11	35.6	43.838	N	127.943	W	10	G 3.2	0.7	57	OFF COAST OF OREGON
	07	20	47	57.4%	43.021	N	18.814	E	10	G	0.4	6	NORTHWESTERN BALKAN REGION. ML 1.6 (TTG).
	07	21	40	35.8*	41.879	N	0.282	E	10	G	1.1	15	SPAIN. ML 2.9 (STR), 2.8 (LDG). mbLg 2.6 (MDD).
	07	21	48	23.6	5.924	S	145.914	E	29	* 4.8 3.8	0.7	21	EASTERN NEW GUINEA REG., P.N.G. ML 5.0 (PMG).
	07	22	07	21.0*	40.278	N	20.416	E	5	G	1.2	7	GREECE-ALBANIA BORDER REGION. ML 2.6 (THE).

08	00	25	33.4?	34.82	S	71.95	W	60	G			0.3	9	NEAR COAST OF CENTRAL CHILE. MD 3.5 (SAN).
08	00	47	18.0%	26.370	S	27.363	E	5	G			0.5	7	REPUBLIC OF SOUTH AFRICA. ML 2.8 (PRE).
08	00	51	07.4	5.869	S	145.829	E	10	G	5.0		1.1	17	EASTERN NEW GUINEA REG., P.N.G.
08	01	24	45.0?	30.20	N	50.33	E	33	N			1.4	6	NORTHERN IRAN
08	02	03	51.2?	37.98	N	71.19	E	33	N	4.6		0.3	7	AFGHANISTAN-TAJIKISTAN BORD REG.
08	02	55	29.5&	42.265	N	121.902	W	8					73	OREGON. <SEA-P>. MD 3.8 (SEA). ML 3.6 (GS), 3.6 (BRK).
08	03	05	34.2*	14.544	N	93.154	W	58	*	4.6		1.4	24	NEAR COAST OF CHIAPAS, MEXICO
08	03	27	17.5	0.225	S	125.833	E	33	N	4.8	4.2	1.0	48	SOUTHERN MOLUCCA SEA
08	04	04	09.0%	44.112	N	2.625	E	10	G			0.9	8	FRANCE. ML 2.6 (LDG).
08	04	21	07.6	34.812	N	4.343	W	91	?			0.9	14	MOROCCO. MD 2.9 (RBA).
08	04	53	47.1%	36.754	N	2.921	W	10	G			1.4	7	STRAIT OF GIBRALTAR
08	05	17	59.6*	1.597	N	128.986	E	94	*	4.7		1.1	21	HALMAHERA, INDONESIA
08	05	48	22.3%	42.987	N	18.738	E	10	G			0.4	8	NORTHWESTERN BALKAN REGION. ML 1.7 (TTG).
08	06	04	11.7	36.006	N	70.712	E	98	*	4.8		1.3	32	HINDU KUSH REGION, AFGHANISTAN
08	06	26	31.7	39.728	N	20.522	E	5	G			1.3	12	GREECE-ALBANIA BORDER REGION. ML 2.5 (THE).
08	07	06	54.3&	34.671	N	116.700	W	4					35	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.7 (PAS), 3.1 (GS).
08	07	12	12.5&	61.747	N	150.782	W	59					65	SOUTHERN ALASKA. <AEIC>. ML 3.0 (AEIC).
08	09	00	38.0	40.709	N	22.737	E	5	G			0.4	8	GREECE. ML 2.0 (THE).
08	10	01	48.4?	32.63	S	71.75	W	33	N			0.6	9	NEAR COAST OF CENTRAL CHILE. MD 3.3 (SAN).
08	10	16	14.4&	34.674	N	116.706	W	3					10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
08	10	38	06.2%	39.623	N	29.499	E	10	G			0.9	6	TURKEY. ML 2.8 (ISK).
08	11	19	59.4&	63.670	N	149.070	W	114					58	CENTRAL ALASKA. <AEIC>.
08	12	00	24.3	38.852	N	27.806	E	10	G			0.3	8	TURKEY. ML 3.1 (ISK).
08	12	23	16.9?	36.49	N	2.83	W	5	G			0.6	5	STRAIT OF GIBRALTAR
08	12	30	20.4?	39.69	N	29.35	E	10	G			0.6	4	TURKEY. ML 2.6 (ISK).
08	12	31	34.5?	39.68	N	29.41	E	10	G			0.9	4	TURKEY. ML 2.5 (ISK).
08	13	02	11.5*	4.206	S	148.063	E	93	?	3.9		0.9	7	BISMARCK SEA
08	13	29	08.8?	41.04	N	28.38	E	10	G			0.3	4	TURKEY. ML 2.8 (ISK).
08	13	53	31.6%	39.603	N	29.416	E	10	G			1.3	6	TURKEY. ML 2.7 (ISK).
08	13	54	11.2	38.902	N	23.242	E	10	G	3.2		1.1	22	GREECE. ML 3.6 (THE), 3.4 (ATH).
08	14	00	08.5	38.898	N	23.248	E	10	G	3.1		1.1	22	GREECE. ML 3.6 (ATH), 3.6 (THE).
08	14	09	36.8?	38.79	N	23.17	E	10	G			0.4	7	GREECE. ML 2.5 (THE).
08	14	17	44.6%	41.166	N	28.492	E	5	G			0.2	6	TURKEY. ML 2.8 (ISK).
08	15	07	02.3	26.851	S	26.523	E	5	G			1.4	10	REPUBLIC OF SOUTH AFRICA. ML 3.5 (PRE).
08	15	20	56.7	32.983	S	69.871	W	120	G			0.8	15	MENDOZA PROVINCE, ARGENTINA. MD 3.7 (SAN).
08	16	04	51.6%	26.363	S	27.349	E	5	G			0.9	7	REPUBLIC OF SOUTH AFRICA. ML 2.6 (PRE).
08	18	22	44.2?	20.25	N	70.73	W	33	N			1.0	9	DOMINICAN REPUBLIC REGION
08	19	18	16.4?	6.44	N	126.85	E	291	*	4.5		1.2	6	MINDANAO, PHILIPPINE ISLANDS
08	19	25	21.7%	26.896	S	26.692	E	5	G			0.5	9	REPUBLIC OF SOUTH AFRICA. ML 3.3 (PRE).
08	19	46	44.3*	51.140	N	176.014	E	33	N	3.9		0.7	11	RAT ISLANDS, ALEUTIAN ISLANDS
08	20	15	07.4*	5.888	S	145.906	E	33	N	3.9		1.0	8	EASTERN NEW GUINEA REG., P.N.G.
08	20	44	42.2	40.126	N	19.772	E	13		3.7		1.4	54	ALBANIA. MD 3.9 (ATH). ML 3.8 (TTG), 3.7 (ROM), 3.7 (THE), 3.5 (TIR).
08	20	46	03.5	51.563	N	1.093	W	10	G			0.6	8	UNITED KINGDOM. ML 2.6 (LDG), 2.2 (BGS).
08	21	16	44.5	3.232	N	96.072	E	65	*	4.5		0.9	29	NORTHERN SUMATERA, INDONESIA
08	21	28	19.3&	63.163	N	150.556	W	119					40	CENTRAL ALASKA. <AEIC>.
08	22	28	18.9	18.221	N	64.335	W	104		4.8		0.8	124	VIRGIN ISLANDS. Felt on St. Thomas. Also felt on St. Martin, Leeward Islands.
08	22	48	07.0	37.135	N	3.803	W	16				1.4	36	SPAIN. mbLg 3.6 (MDD). MD 3.5 (RBA). Felt (IV) in the Alhama de Granada area.
08	23	49	44.4*	30.350	N	138.542	E	448	*	3.9		0.4	12	SOUTH OF HONSHU, JAPAN
09	01	53	49.2&	42.283	N	121.949	W	7					52	OREGON. <SEA-P>. MD 3.2 (SEA). ML 3.2 (GS), 3.3 (BRK). Felt at Klamath Falls.
09	02	56	57.5*	10.926	S	116.151	E	33	N	5.1		0.7	20	SOUTH OF SUMBAWA, INDONESIA
09	02	57	17.2?	11.93	S	116.76	E	33	N	4.4		1.3	10	SOUTH OF SUMBAWA, INDONESIA
09	03	45	55.2&	42.279	N	121.917	W	8					15	OREGON. <SEA-P>. MD 2.9 (SEA). ML 3.2 (GS).
09	04	22	53.6?	11.01	N	61.96	W	33	N			0.1	5	WINDWARD ISLANDS. MD 2.8 (TRN).
09	04	42	30.0?	42.49	N	0.68	E	10	G			1.3	5	PYRENEES
09	05	06	02.6*	24.413	S	67.088	W	181	*	3.9		1.0	11	CHILE-ARGENTINA BORDER REGION
09	05	28	12.2	44.515	N	7.287	E	12				0.6	24	NORTHERN ITALY. ML 2.8 (GEN), 2.7 (LDG).
09	06	49	17.6	45.590	N	3.624	E	10	G			0.8	8	FRANCE. ML 1.8 (LDG).
09	07	27	21.4?	33.41	N	137.30	E	400	G			0.8	5	NEAR S. COAST OF HONSHU, JAPAN
09	07	31	05.6?	39.71	N	29.44	E	10	G			0.8	4	TURKEY. ML 2.5 (ISK).
09	07	58	07.0?	40.25	N	28.73	E	10	G			1.6	4	TURKEY. ML 2.6 (ISK).
09	08	37	56.1	39.421	N	26.141	E	5	G			1.2	12	TURKEY. ML 3.1 (THE).
09	08	56	45.0?	39.14	N	27.52	E	10	G			0.2	4	TURKEY. ML 2.8 (ISK).
09	09	25	29.6*	2.773	N	96.342	E	33	N	4.4		1.3	6	NORTHERN SUMATERA, INDONESIA
09	09	30	46.8?	39.20	N	27.50	E	10	G			0.8	4	TURKEY. ML 2.8 (ISK).
09	09	37	32.6%	32.951	S	71.092	W	33	N			0.5	9	NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
09	11	30	45.7?	35.26	S	71.04	W	100	*			0.5	13	CENTRAL CHILE. MD 4.0 (SAN).
09	11	39	47.9	41.985	N	19.213	E	10	G			0.9	10	ALBANIA. ML 2.5 (TTG).
09	12	04	08.8	36.277	N	71.089	E	33	N	4.6		1.0	15	AFGHANISTAN-TAJIKISTAN BORD REG.
09	12	28	58.3%	39.623	N	29.555	E	10	G			0.3	5	TURKEY. ML 2.7 (ISK).
09	12	29	12.7*	14.297	N	93.856	W	47	*	4.7		1.1	10	NEAR COAST OF CHIAPAS, MEXICO
09	12	30	06.5&	59.577	N	139.105	W	16					22	SOUTHEASTERN ALASKA. <AEIC>. ML 3.0 (AEIC).
09	12	39	22.2*	46.095	N	12.477	E	10	G			1.1	8	NORTHERN ITALY. ML 2.3 (VIE).
09	12	43	38.3*	16.913	S	69.590	W	170		4.9		1.3	20	PERU-BOLIVIA BORDER REGION
09	12	48	32.5	38.835	N	27.906	E	10	G			0.7	31	TURKEY. ML 3.7 (ISK).
09	13	09	32.3%	16.561	N	120.736	E	10	G			1.0	6	LUZON, PHILIPPINE ISLANDS
09	13	57	26.6	25.829	N	124.014	E	229	*	4.4		0.5	21	NORTHEAST OF TAIWAN
09	14	29	54.5?	40.79	N	30.15	E	10	G			1.5	4	TURKEY. ML 2.7 (ISK).
09	14	32	47.3?	39.66	N	29.44	E	10	G			0.3	4	TURKEY. ML 2.6 (ISK).
09	14	36	39.6?	39.66	N	29.46	E	10	G			0.7	4	TURKEY. ML 2.7 (ISK).
09	14	47	18.0%	39.699	N	29.505	E	10	G			1.5	6	TURKEY. ML 2.8 (ISK).
09	15	13	17.0?	7.11	S	156.01	E	256	?	4.8		0.8	13	SOLOMON ISLANDS
09	15	27	30.9&	42.276	N	121.934	W	5					24	OREGON. <SEA-P>. MD 2.7 (SEA). ML 3.1 (GS).
09	16	01	36.1%	36.660	N	2.823	W	5	G			1.1	10	STRAIT OF GIBRALTAR. mbLg 3.1 (MDD).
09	16	13	31.0*	30.704	N	138.188	E	33	N	4.8		1.2	12	SOUTH OF HONSHU, JAPAN
09	16	18	22.3	32.417	S	71.034	W	70	G			0.5	15	NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN).
09	17	01	31.9%	29.536	S	30.299	E	5	G			1.0	11	REPUBLIC OF SOUTH AFRICA. ML 3.7 (PRE).
09	17	39	50.3?	8.77	N	77.18	W	10	G	4.0		0.8	6	PANAMA-COLOMBIA BORDER REGION
09	17	50	37.4	51.052	N	5.879	E	31				0.9	22	THE NETHERLANDS. ML 2.2 (BNS).
09	18	13	45.4	40.669	N	29.920	E	10	G			0.6	8	TURKEY. ML 2.8 (ISK).

	09	18	15	06.5	40.673	N	29.898	E	10	G		0.4	9	TURKEY. ML 3.0 (ISK).
	09	18	29	41.7	1.344	N	127.136	E	118	*	5.0	0.5	24	HALMAHERA, INDONESIA
	09	18	36	36.3?	40.67	N	29.90	E	10	G		0.4	4	TURKEY. ML 2.5 (ISK).
	09	19	03	13.1	42.278	N	121.929	W	5	G	3.9	0.9	44	OREGON. ML 4.2 (GS), 4.1 (BRK). Felt (V) at Klamath Falls, (IV) at Midland and (III) at Medford. Also felt (III) at Dorris, California.
	09	19	06	05.4&	42.265	N	121.907	W	0				18	OREGON. <SEA-P>. MD 2.9 (SEA). ML 3.0 (GS).
	09	19	43	11.8	41.741	N	19.540	E	5	G		0.6	12	ALBANIA. ML 2.5 (TTG).
	09	19	47	18.0	40.673	N	29.916	E	10	G		0.5	13	TURKEY. ML 3.4 (ISK).
	09	20	19	23.9	40.699	N	29.933	E	5	G		0.5	11	TURKEY. ML 3.4 (ISK).
	09	20	40	34.6?	1.45	N	128.58	E	88	?	4.4	1.0	9	HALMAHERA, INDONESIA
a	09	21	29	01.9	48.482	N	154.491	E	65	D	5.9	0.8	504	KURIL ISLANDS. Mw 5.3 (GS), 5.4 (HRV).
	09	21	42	57.6?	38.42	N	27.40	E	10	G		0.3	4	TURKEY. ML 3.1 (ISK).
	09	21	55	47.6	35.945	N	69.483	E	12	D	4.7	1.4	40	HINDU KUSH REGION, AFGHANISTAN
	09	22	22	34.3	34.612	N	25.410	E	60	*	3.8	1.3	28	CRETE. MD 4.2 (ATH).
	09	23	00	58.9&	33.988	N	118.504	W	3				47	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.7 (PAS), 3.7 (GS). Felt (V) at Santa Monica and Venice; (IV) at Culver City; (III) at Hawthorne. Also felt in the western part of Los Angeles.
	09	23	03	17.8	36.172	N	69.435	E	33	N	4.6	1.2	39	HINDU KUSH REGION, AFGHANISTAN
	09	23	04	57.5*	25.944	N	125.098	E	33	N	4.3	1.0	10	SOUTHWESTERN RYUKYU ISLANDS
	09	23	05	02.3*	38.365	N	26.952	E	10	G		1.4	7	AEGEAN SEA. ML 3.2 (ISK).
	09	23	22	48.2&	62.096	N	150.896	W	68		2.9		62	CENTRAL ALASKA. <AEIC>. ML 3.2 (AEIC), 3.4 (PMR).
	09	23	29	05.2%	38.346	N	27.017	E	10	G		0.8	5	TURKEY. ML 3.0 (ISK).
	09	23	36	30.9?	37.01	N	35.96	E	10	G		1.4	7	TURKEY
	10	01	01	10.3	41.831	N	2.951	E	26			0.9	45	SPAIN. ML 3.5 (LDG). mbLg 3.3 (MDD). Felt (III) in the Vidreras area.
	10	01	36	23.3	34.247	S	70.083	W	5	G		0.4	9	CHILE-ARGENTINA BORDER REGION. MD 3.9 (SAN).
	10	01	37	34.9?	38.81	N	19.32	E	5	G		1.3	9	IONIAN SEA. ML 2.9 (THE).
	10	01	43	24.1?	45.54	N	14.43	E	10	G		0.7	4	NORTHWESTERN BALKAN REGION. MD 2.0 (LJU).
	10	04	09	37.3	16.839	N	61.348	W	10	G		0.3	8	LEEWARD ISLANDS. ML 3.1 (FDF). MD 3.2 (TRN).
	10	04	12	43.6?	18.02	N	66.77	W	33	N		1.0	5	PUERTO RICO REGION
	10	06	12	03.8&	33.993	N	118.492	W	3				27	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 3.1 (GS). Felt (IV) at Santa Monica and Venice; (III) at Torrance. Also felt at Hawthorne, Inglewood and in the western part of Los Angeles.
	10	06	49	01.8*	21.115	N	122.058	E	33	N	4.1	1.2	10	TAIWAN REGION
	10	06	55	35.6	42.350	N	19.470	E	10	G		0.5	9	NORTHWESTERN BALKAN REGION. ML 1.8 (TTG).
	10	07	44	46.7?	22.66	S	179.74	E	600	G	4.5	1.6	14	SOUTH OF FIJI ISLANDS
	10	07	51	25.7*	0.730	S	98.500	E	30	D	5.0 4.7	1.2	29	SOUTHERN SUMATERA, INDONESIA
	10	09	00	53.4?	35.08	S	71.13	W	110	G		0.3	9	CENTRAL CHILE. MD 4.1 (SAN).
	10	09	45	30.6?	39.04	N	30.30	E	10	G		1.1	4	TURKEY. ML 2.8 (ISK).
	10	10	05	12.5*	33.415	S	72.234	W	10	G		0.4	11	OFF COAST OF CENTRAL CHILE. MD 4.1 (SAN).
	10	10	08	12.4?	39.10	N	27.51	E	10	G		0.1	4	TURKEY. ML 2.7 (ISK).
	10	10	08	20.9?	33.45	S	72.13	W	33	N		0.9	9	OFF COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	10	10	12	28.9%	26.425	S	27.471	E	10	G		0.6	7	REPUBLIC OF SOUTH AFRICA. mbLg 3.0 (BUL). ML 2.9 (PRE).
	10	10	14	27.7*	33.420	S	72.226	W	10	G		0.3	11	OFF COAST OF CENTRAL CHILE. MD 4.2 (SAN).
	10	10	17	53.1*	33.415	S	72.227	W	10	G		0.4	11	OFF COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	10	10	18	30.8%	44.558	N	7.486	E	10	G		0.9	8	NORTHERN ITALY. ML 2.0 (GEN).
	10	10	22	35.4?	23.13	S	173.73	W	33	N	5.2	1.4	11	TONGA ISLANDS REGION
	10	10	31	24.6&	59.375	N	153.287	W	111				71	SOUTHERN ALASKA. <AEIC>. Double event.
	10	10	47	03.0?	39.11	N	27.50	E	10	G		0.8	4	TURKEY. ML 2.7 (ISK).
	10	10	58	12.2%	32.602	S	70.788	W	70	G		0.5	9	CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
	10	11	32	04.5	39.228	N	22.078	E	80	G		0.3	11	GREECE
	10	11	35	10.6?	10.85	N	65.97	W	10	G		1.4	6	NEAR COAST OF VENEZUELA
	10	11	39	05.7%	39.702	N	29.502	E	10	G		0.5	5	TURKEY. ML 2.6 (ISK).
	10	12	57	57.9%	40.234	N	29.245	E	10	G		0.1	6	TURKEY. ML 2.7 (ISK).
	10	13	07	11.1&	35.556	N	120.816	W	5				35	CENTRAL CALIFORNIA. <GM-P>. MD 2.9 (GM). ML 2.9 (BRK), 2.8 (PAS), 2.8 (GS). Felt (III) at Paso Robles.
	10	13	50	43.2%	39.661	N	29.478	E	10	G		0.5	6	TURKEY. ML 2.8 (ISK).
	10	14	22	17.0	40.952	N	20.812	E	10	G		1.3	16	GREECE-ALBANIA BORDER REGION. ML 2.7 (THE), 2.5 (SKO).
	10	14	25	37.5	13.704	N	91.293	W	27		5.1	0.9	118	NEAR COAST OF GUATEMALA
	10	15	20	41.7%	33.175	S	70.756	W	76	?		0.3	9	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
	10	15	26	43.7	11.220	N	62.219	W	151		3.9	1.1	24	WINDWARD ISLANDS. MD 4.1 (TRN). Felt on Trinidad.
f	10	15	53	50.1	13.339	S	69.446	W	596	G	6.4	1.0	601	PERU-BOLIVIA BORDER REGION. Mw 6.9 (GS), 6.9 (HRV). mb 6.4 (BRK). Mo=1.7*10**19 Nm (PPT). Felt (III) at Arequipa, Peru and (II) at La Paz, Bolivia. Depth from broadband displacement seismograms.
	10	17	00	30.9*	6.002	S	150.904	E	78	*	4.8	1.4	26	NEW BRITAIN REGION, P.N.G.
	10	17	13	15.8	40.313	N	23.872	E	5	G		0.4	10	GREECE. ML 2.4 (THE).
	10	17	39	08.5%	44.400	N	7.317	E	10	G		0.5	8	NORTHERN ITALY. ML 2.2 (GEN).
	10	18	21	58.0*	45.958	S	76.527	W	19	D	5.4	0.9	42	OFF COAST OF SOUTHERN CHILE
	10	18	43	58.6%	34.137	S	70.527	W	110	G		0.2	9	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
	10	18	55	35.4&	34.000	N	118.491	W	2				2	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.2 (PAS). Felt.
	10	19	02	37.3&	37.774	N	122.231	W	6				12	CENTRAL CALIFORNIA. <GM-P>. MD 2.6 (GM). ML 2.3 (BRK). Felt at Oakland.
	10	19	42	25.2?	34.45	S	71.05	W	70	G		0.2	8	NEAR COAST OF CENTRAL CHILE. MD 3.5 (SAN).
	10	20	46	26.4	39.905	N	22.561	E	5	G		0.4	10	GREECE. ML 2.1 (THE).
	10	21	34	40.4%	44.340	N	7.284	E	10	G		0.2	5	NORTHERN ITALY. ML 1.9 (GEN).
	10	22	04	57.3%	26.827	S	26.671	E	5	G		0.9	8	REPUBLIC OF SOUTH AFRICA. ML 2.4 (PRE).
	10	22	23	55.6%	44.335	N	7.252	E	10	G		0.3	8	NORTHERN ITALY. ML 2.1 (GEN).
	10	22	56	43.8*	33.476	S	72.388	W	10	G		1.0	15	OFF COAST OF CENTRAL CHILE. MD 4.2 (SAN).
	10	23	00	36.4	38.767	N	26.523	E	10	G		0.5	10	AEGEAN SEA. ML 3.5 (ISK).
	10	23	28	14.4*	21.591	N	144.151	E	33	N	4.7	0.7	13	MARIANA ISLANDS REGION
	10	23	36	28.3	12.825	N	89.619	W	10	G		0.6	19	OFF COAST OF CENTRAL AMERICA. ML 4.4 (GCG).
	11	00	15	34.9%	41.162	N	23.207	E	5	G		0.2	5	GREECE-BULGARIA BORDER REGION. ML 2.1 (THE).
	11	00	34	55.0	25.269	N	97.093	E	33	N	3.8	1.5	16	MYANMAR-CHINA BORDER REGION. ML 4.1 (BJI).
f	11	00	51	56.3	25.231	N	97.203	E	10	G	6.0 5.9	1.1	365	MYANMAR-CHINA BORDER REGION. Mw 5.9 (GS), 6.1 (HRV). Ms 5.6 (BRK). Depth from broadband displacement seismograms.
	11	01	41	55.3*	39.021	N	30.430	E	10	G		0.6	11	TURKEY. ML 3.5 (ISK).
	11	01	59	32.6	41.682	N	24.242	E	10	G		1.0	26	GREECE-BULGARIA BORDER REGION. ML 3.7 (THE).
	11	02	18	05.7	25.223	N	97.128	E	32	D	4.6	1.4	37	MYANMAR-CHINA BORDER REGION. ML 4.6 (BJI).

	11	03	23	52.0	40.699	N	29.900	E	10	G		0.7	10	TURKEY. ML 3.1 (ISK).
	11	03	29	52.5	38.352	N	22.257	E	8			1.0	19	GREECE. MD 3.4 (ATH). ML 3.1 (THE).
	11	03	52	45.3%	40.736	N	29.956	E	10	G		0.6	6	TURKEY. ML 2.8 (ISK).
	11	04	07	32.9*	33.475	S	71.981	W	10	G		1.3	14	NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN).
	11	04	38	36.0	38.912	N	23.290	E	10	G		1.1	21	GREECE. MD 3.4 (ATH). ML 3.2 (THE).
	11	06	08	03.0	40.901	N	20.908	E	5	G		0.7	9	GREECE-ALBANIA BORDER REGION. ML 2.5 (THE).
	11	06	15	50.6%	18.248	N	66.049	W	33	N		0.4	5	PUERTO RICO REGION
	11	06	28	58.7%	33.433	S	72.219	W	10	G		0.4	11	OFF COAST OF CENTRAL CHILE. MD 3.9 (SAN).
a	11	07	22	51.5	35.959	N	21.945	E	33	D	5.4 5.4	1.3	324	CENTRAL MEDITERRANEAN SEA. Mw 5.5 (HRV). Ms 5.5 (BRK). MD 5.3 (ATH), 5.3 (VIE). ML 5.0 (THE).
	11	08	20	46.6*	35.753	N	21.757	E	10	G	3.8	1.2	19	CENTRAL MEDITERRANEAN SEA. ML 3.8 (THE).
	11	08	51	51.8?	35.74	N	22.45	E	10	G		1.6	11	CENTRAL MEDITERRANEAN SEA. MD 3.7 (ATH). ML 3.6 (THE).
	11	08	59	49.4	35.856	N	21.922	E	28	D	4.9 4.6	1.3	167	CENTRAL MEDITERRANEAN SEA. MD 4.8 (HLW), 4.7 (ATH), 4.6 (VIE). ML 4.6 (THE).
	11	09	24	09.4%	46.190	N	2.697	E	10	G		0.3	11	FRANCE. ML 2.0 (LDG).
	11	10	12	34.6?	39.80	N	29.53	E	10	G		0.0	4	TURKEY. ML 2.6 (ISK).
	11	10	40	54.7	40.713	N	30.027	E	5	G		0.6	9	TURKEY. ML 3.0 (ISK).
	11	10	53	51.3&	36.992	N	121.732	W	13		3.5		124	CENTRAL CALIFORNIA. <GM-P>. MD 4.2 (GM). ML 4.3 (BRK). Felt (V) at Ben Lomond, Mount Hermon, Santa Cruz and Soquel; (IV) at Aptos, Boulder Creek, Brookdale, Carmel, Castroville, Davenport, Gilroy, Los Banos, Los Gatos, Monterey and Pacific Grove; (III) at Antioch, Chualar, Mountain View and Soledad. Felt from Salinas to Berkeley.
	11	11	14	35.0%	39.056	N	29.477	E	5	G		0.4	5	TURKEY. ML 2.8 (ISK).
	11	12	17	46.1?	39.85	N	20.73	E	10	G		1.3	5	GREECE-ALBANIA BORDER REGION
	11	12	46	23.6*	51.504	N	16.048	E	10	G		1.1	13	POLAND. ML 3.7 (VIE), 3.0 (CLL).
	11	13	46	07.5%	26.868	S	26.737	E	5	G		0.7	5	REPUBLIC OF SOUTH AFRICA. ML 2.3 (PRE).
	11	13	57	52.9?	39.05	N	29.88	E	10	G		0.7	4	TURKEY. ML 2.6 (ISK).
	11	14	11	37.0%	33.140	S	70.284	W	10	G		0.2	9	CHILE-ARGENTINA BORDER REGION. MD 3.9 (SAN).
	11	14	12	30.1*	46.157	N	12.410	E	10	G		1.0	8	NORTHERN ITALY. MD 2.5 (LJU), 2.1 (TRI). ML 2.1 (VIE).
	11	14	56	12.3%	33.425	S	72.206	W	10	G		0.5	11	OFF COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	11	14	58	34.2*	11.986	S	167.289	E	19	D	4.4	1.3	12	SANTA CRUZ ISLANDS
	11	15	46	56.8	43.720	N	8.653	E	5	G		1.0	28	CORSICA. ML 2.9 (GEN), 2.6 (STR).
	11	15	47	03.2%	43.812	N	8.543	E	5	G		0.8	12	CORSICA. ML 3.1 (GEN).
	11	15	57	37.2*	35.865	N	21.892	E	33	N	4.3	0.9	19	CENTRAL MEDITERRANEAN SEA. MD 4.0 (ATH).
	11	16	40	33.8*	31.176	S	67.687	W	33	N		0.8	7	SAN JUAN PROVINCE, ARGENTINA
	11	18	29	47.4*	36.454	N	22.062	E	33	N		0.7	13	SOUTHERN GREECE. MD 3.6 (ATH).
	11	20	09	09.4?	17.70	N	100.55	W	83	?	4.2	1.4	13	GUERRERO, MEXICO
	11	21	04	07.8&	60.385	N	152.971	W	138		3.9		99	SOUTHERN ALASKA. <AEIC>.
	11	22	35	53.7	40.704	N	29.958	E	10	G		0.3	9	TURKEY. ML 2.8 (ISK).
	11	23	10	14.8*	35.766	N	22.259	E	33	N		1.2	15	CENTRAL MEDITERRANEAN SEA. MD 3.7 (ATH).
	12	00	27	16.8?	25.14	N	97.26	E	33	N	3.9	1.6	9	MYANMAR-CHINA BORDER REGION
	12	01	00	24.6	30.511	N	131.637	E	45	D	5.0 4.6	1.1	86	KYUSHU, JAPAN
	12	04	35	51.6&	59.230	N	153.930	W	119				47	SOUTHERN ALASKA. <AEIC>.
	12	05	04	44.9*	15.583	S	173.023	W	33	N	4.9 4.4	0.9	25	TONGA ISLANDS
	12	05	08	37.0&	33.988	N	118.501	W	3				5	SOUTHERN CALIFORNIA. <PAS-P>. MD 2.2 (PAS). Felt.
	12	06	29	49.2*	61.017	S	62.778	W	10	G	5.0 4.8	1.0	19	DRAKE PASSAGE
	12	06	34	40.8?	15.75	N	60.29	W	33	N		0.0	4	LEEWARD ISLANDS
	12	06	36	30.8	43.208	N	82.798	E	10	G	4.5	1.3	25	NORTHERN XINJIANG, CHINA
	12	07	18	03.2*	36.698	N	22.389	E	10	G		1.3	13	SOUTHERN GREECE. ML 3.6 (ATH), 3.4 (THE).
	12	07	25	03.5*	46.675	N	9.909	E	10	G		1.0	19	SWITZERLAND. ML 2.9 (VIE), 2.9 (LDG), 2.8 (FUR).
	12	07	27	34.9&	33.984	N	118.504	W	11				41	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.6 (PAS), 3.5 (GS). Felt (IV) at Venice. Felt in the western part of Los Angeles County.
	12	08	27	34.0*	48.624	N	9.449	E	10	G		1.5	13	GERMANY. ML 3.1 (FUR), 2.9 (LDG), 2.8 (VIE).
	12	08	46	45.9%	39.151	N	27.556	E	5	G		0.3	5	TURKEY. ML 2.8 (ISK).
	12	10	00	25.6%	33.387	S	70.814	W	76	?		0.5	9	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	12	10	04	24.1*	31.233	S	68.858	W	100	G		0.4	7	SAN JUAN PROVINCE, ARGENTINA
a	12	10	10	25.8	57.940	S	25.655	W	33	N	5.2 5.5	1.2	55	SOUTH SANDWICH ISLANDS REGION. Mw 5.3 (HRV).
a	12	10	22	51.3	39.247	N	75.493	E	28	D	5.3 5.2	0.9	190	SOUTHERN XINJIANG, CHINA. Mw 5.5 (HRV).
	12	10	50	45.4	34.797	N	23.099	E	10	G	4.6	1.1	68	CRETE. MD 4.5 (HLW), 4.2 (ATH).
	12	11	49	25.9*	39.161	N	75.651	E	33	N	4.4	1.6	12	SOUTHERN XINJIANG, CHINA
	12	13	01	15.6%	39.379	N	22.830	E	10	G		0.5	6	GREECE. ML 1.8 (THE).
	12	13	02	41.4%	39.669	N	29.472	E	10	G		0.6	7	TURKEY. ML 2.8 (ISK).
	12	13	24	23.4?	39.68	N	29.49	E	10	G		0.6	4	TURKEY. ML 2.7 (ISK).
	12	13	53	10.5?	19.21	N	121.30	E	33	N		1.5	6	PHILIPPINE ISLANDS REGION
	12	14	31	40.5*	41.885	N	2.588	E	10	G		0.9	10	SPAIN. mbLg 2.9 (MDD). ML 2.8 (LDG).
	12	15	53	12.4%	42.836	N	1.455	E	5	G		0.3	6	PYRENEES. ML 1.5 (STR).
	12	16	45	51.5*	22.361	S	179.271	E	595	*	4.8	0.9	37	SOUTH OF FIJI ISLANDS
	12	17	33	21.4*	38.931	N	26.657	E	10	G		0.2	5	AEGEAN SEA. ML 3.1 (ISK).
	12	17	47	26.4?	11.24	N	61.84	W	10	G		0.8	4	WINDWARD ISLANDS. MD 3.0 (TRN).
	12	17	50	51.3	42.204	N	121.961	W	5	G		0.5	8	OREGON. ML 2.8 (GS). Felt in the Klamath Falls area.
	12	18	20	44.3?	41.43	N	23.07	E	10	G		1.0	5	GREECE-BULGARIA BORDER REGION. ML 2.2 (THE).
	12	19	28	05.3&	33.985	N	118.508	W	12				13	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS).
	12	19	29	36.5	35.906	N	21.881	E	42		4.6	1.1	157	CENTRAL MEDITERRANEAN SEA. MD 4.6 (ATH).
	12	19	43	31.3&	37.734	N	121.387	W	11				40	CENTRAL CALIFORNIA. <GM-P>. MD 2.8 (GM). ML 2.9 (BRK).
	12	20	28	44.7%	11.685	N	42.997	E	10	G		1.0	6	ETHIOPIA
	12	21	07	10.8?	21.62	S	68.02	W	170	?	4.3	1.3	12	CHILE-BOLIVIA BORDER REGION
	12	21	22	37.2	4.182	S	142.147	E	119	D	5.0	0.8	99	NEW GUINEA, PAPUA NEW GUINEA
	12	21	24	54.4?	31.27	S	68.57	W	100	G		0.4	4	SAN JUAN PROVINCE, ARGENTINA
	12	21	36	58.9&	60.547	N	147.408	W	12				53	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
	12	22	03	04.0%	39.007	N	30.433	E	10	G		0.5	10	TURKEY. ML 3.1 (ISK).
	12	22	55	43.2%	44.433	N	7.306	E	10	G		0.2	7	NORTHERN ITALY. ML 2.0 (GEN).
	12	23	07	53.1%	39.108	N	27.946	E	10	G		1.0	5	TURKEY. ML 2.8 (ISK).
	12	23	22	34.0*	16.853	N	93.636	W	178	*	3.8	1.4	10	CHIAPAS, MEXICO
	13	00	19	20.4*	19.376	N	120.932	E	33	N	4.5	1.4	17	PHILIPPINE ISLANDS REGION
	13	00	33	49.3*	29.506	N	34.862	E	10	G		0.9	11	EGYPT
	13	01	14	04.1*	36.766	N	12.171	W	10	G		0.9	14	NORTH ATLANTIC OCEAN. mbLg 3.2 (MDD).
	13	01	26	38.1*	39.180	N	75.748	E	33	N	4.6	1.5	12	SOUTHERN XINJIANG, CHINA
	13	02	20	47.0%	26.718	S	26.271	E	5	G		1.6	5	REPUBLIC OF SOUTH AFRICA
	13	02	23	37.3&	37.632	N	118.962	W	7				42	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM). ML 3.1 (BRK), 3.1 (GS).

	13	02	42	56.7%	33.431	S	72.202	W	10	G			0.3	9	OFF COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	13	03	56	40.1?	39.73	N	24.12	E	10	G			1.3	4	AEGEAN SEA
	13	04	26	56.2?	38.82	N	23.00	E	10	G			0.2	6	GREECE
	13	04	27	35.5	43.066	N	0.619	W	10	G			0.5	17	PYRENEES. ML 3.1 (LDG). mbLg 3.0 (MDD).
	13	05	19	08.1&	60.430	N	153.238	W	143		3.6			62	SOUTHERN ALASKA. <AEIC>.
	13	05	19	14.1&	60.616	N	152.153	W	115					31	SOUTHERN ALASKA. <AEIC>.
	13	05	51	45.5%	43.038	N	18.736	E	10	G			0.4	8	NORTHWESTERN BALKAN REGION. ML 1.6 (TTG).
	13	06	15	34.3	41.150	N	25.994	E	10	G			0.7	9	GREECE-BULGARIA BORDER REGION. ML 3.4 (THE), 3.3 (ISK).
	13	06	48	56.0&	54.544	N	156.673	W	25		4.3			73	SOUTH OF ALASKA. <AEIC>. ML 4.1 (AEIC).
	13	07	28	10.9*	40.477	N	26.078	E	10	G			1.1	13	TURKEY. ML 3.3 (ISK).
	13	07	51	03.5?	40.68	N	27.46	E	10	G			1.4	4	TURKEY. ML 2.9 (ISK).
	13	08	02	38.9&	46.887	N	118.699	W	0					25	WASHINGTON. <SEA-P>. MD 3.4 (SEA).
a	13	09	43	06.5	17.350	S	14.486	W	10	G	5.7		0.8	178	SOUTHERN MID-ATLANTIC RIDGE. Mw 5.1 (HRV).
	13	09	52	22.3%	40.496	N	22.890	E	5	G			0.6	5	GREECE. ML 1.4 (THE).
	13	10	06	51.8	44.324	N	7.225	E	5	G			0.5	24	NORTHERN ITALY. ML 2.5 (GEN), 2.5 (LDG).
	13	10	14	08.9?	34.78	S	70.94	W	100	G			0.2	9	CHILE-ARGENTINA BORDER REGION. MD 3.8 (SAN).
	13	10	35	26.9&	62.532	N	151.191	W	98					65	CENTRAL ALASKA. <AEIC>.
	13	10	39	43.8	14.889	N	146.477	E	75		4.9		1.1	71	MARIANA ISLANDS
	13	11	06	37.9&	34.975	N	116.960	W	0					32	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.4 (GS). Felt at Barstow and Daggett.
	13	11	33	53.6?	40.82	N	22.98	E	10	G			0.2	4	GREECE. ML 1.4 (THE).
	13	11	56	37.3*	37.334	N	30.580	E	10	G			1.0	6	TURKEY. ML 3.6 (ISK), 3.2 (CSS).
	13	12	18	59.9*	31.564	N	115.249	W	5	G			1.0	7	BAJA CALIFORNIA, MEXICO. ML 3.6 (GS). MD 3.4 (ECX).
	13	13	21	43.1?	17.22	S	179.85	W	550	G	4.8		0.8	12	FIJI ISLANDS REGION
	13	14	12	29.8	59.421	N	5.898	E	10	G			0.8	6	SOUTHERN NORWAY. MD 1.8 (BER).
	13	14	32	26.3?	33.31	S	72.07	W	10	G			1.1	12	OFF COAST OF CENTRAL CHILE. MD 4.2 (SAN).
	13	15	29	57.2*	30.162	N	31.446	E	10	G	3.5		1.2	6	EGYPT. Felt at Cairo.
	13	15	55	13.5?	27.54	N	139.44	E	457	?	3.8		0.6	10	BONIN ISLANDS REGION
	13	16	11	33.4*	20.279	N	45.570	W	10	G	4.9	4.6	1.3	44	NORTHERN MID-ATLANTIC RIDGE
	13	16	22	27.8	20.138	N	45.763	W	10	G	4.7		0.9	32	NORTHERN MID-ATLANTIC RIDGE
	13	16	41	07.6%	41.200	N	23.391	E	10	G			0.2	6	GREECE-BULGARIA BORDER REGION. ML 1.7 (THE).
	13	17	02	40.5?	36.35	N	7.31	W	10	G			0.9	5	STRAIT OF GIBRALTAR. mbLg 3.0 (MDD).
	13	17	24	46.8%	43.034	N	18.889	E	10	G			0.4	9	NORTHWESTERN BALKAN REGION. MD 2.1 (TTG).
	13	17	49	01.5&	56.967	N	155.245	W	36					59	ALASKA PENINSULA. <AEIC>. ML 3.5 (AEIC).
	13	19	11	58.2?	47.86	N	6.35	E	5	G			1.1	4	FRANCE. ML 1.9 (LDG).
	13	20	12	13.4*	18.836	N	66.179	W	47	*	4.0		1.4	20	PUERTO RICO REGION. Felt at San Juan.
	13	20	26	42.9	2.716	N	127.170	E	22	D	5.3		1.1	119	NORTHERN MOLUCCA SEA
	13	22	22	17.7&	39.556	N	122.972	W	15					24	NORTHERN CALIFORNIA. <GM-P>. MD 2.3 (GM).
	13	22	25	03.0%	39.928	N	28.989	E	5	G			0.5	5	TURKEY. ML 2.7 (ISK).
	13	22	27	22.0%	26.425	S	27.303	E	5	G			1.5	6	REPUBLIC OF SOUTH AFRICA. ML 2.7 (PRE).
	13	23	03	01.8?	36.52	N	2.80	W	10	G			0.9	4	STRAIT OF GIBRALTAR. mbLg 3.1 (MDD).
	13	23	34	50.4?	1.58	S	133.07	E	37	D	4.9	4.2	1.4	34	IRIAN JAYA REGION, INDONESIA
	13	23	40	22.0?	9.25	S	124.96	E	33	N			0.2	4	TIMOR REGION, INDONESIA
	13	23	55	51.5*	37.463	N	72.083	E	89	?	4.7		1.4	11	TAJIKISTAN
	13	23	57	31.4	12.908	N	88.790	W	33	N	4.6		1.1	47	OFF COAST OF CENTRAL AMERICA
	14	00	06	14.7*	26.400	N	128.757	E	24	D	4.6		1.3	26	RYUKYU ISLANDS
	14	00	50	40.2&	42.274	N	121.905	W	6					25	OREGON. <SEA-P>. MD 3.1 (SEA). ML 2.8 (GS).
	14	02	06	50.2&	59.923	N	152.450	W	93					58	SOUTHERN ALASKA. <AEIC>.
	14	02	08	54.8*	3.481	S	131.119	E	63	*	5.2		1.2	18	IRIAN JAYA REGION, INDONESIA
	14	02	31	46.6*	38.303	N	22.308	E	10	G			1.4	9	GREECE. MD 3.2 (ATH). ML 2.6 (THE).
	14	03	52	19.4?	39.77	N	25.55	E	10	G			0.3	5	AEGEAN SEA. ML 2.9 (THE).
	14	04	36	45.0	44.879	N	8.890	E	10	G			0.8	19	NORTHERN ITALY. ML 2.5 (GEN), 2.2 (LDG).
	14	06	07	48.3	37.571	N	20.942	E	31	D	4.8		1.4	129	IONIAN SEA. MD 4.9 (TTG), 4.6 (VIE). ML 4.6 (ATH), 4.6 (TIR), 4.3 (THE). Felt on Zakinthos, Greece.
	14	06	53	35.9*	2.187	N	78.718	W	33	N	4.4		1.2	21	NEAR WEST COAST OF COLOMBIA
	14	09	07	28.0	6.320	S	128.402	E	356		4.7		0.9	87	BANDA SEA
	14	10	00	54.7?	39.71	N	29.47	E	10	G			0.2	4	TURKEY. ML 2.6 (ISK).
	14	10	17	14.8%	37.081	N	4.205	W	5	G			1.0	6	SPAIN. mbLg 2.4 (MDD).
	14	10	35	51.4	34.066	N	116.967	W	5	G			1.0	9	SOUTHERN CALIFORNIA. ML 2.9 (GS).
	14	11	05	56.7	44.809	N	9.856	E	10	G			1.0	21	NORTHERN ITALY. ML 2.9 (LDG).
	14	11	07	31.2?	40.98	N	22.80	E	5	G			0.5	4	GREECE. ML 1.7 (THE).
	14	11	35	29.2?	7.07	S	147.40	E	90	*	4.5		1.0	11	EASTERN NEW GUINEA REG., P.N.G.
	14	11	42	18.1?	37.73	N	6.66	W	10	G			0.2	4	SPAIN
	14	12	04	19.3?	30.07	S	71.54	W	10	G			0.5	11	NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN).
	14	12	31	36.3?	27.16	N	140.49	E	464	?	4.4		1.1	23	BONIN ISLANDS REGION
	14	13	24	53.0*	42.870	N	24.189	E	10	G			1.7	9	BULGARIA. ML 3.0 (THE).
	14	14	14	49.0%	39.696	N	29.518	E	10	G			0.6	5	TURKEY. ML 2.7 (ISK).
	14	14	18	15.5%	41.045	N	25.625	E	5	G			0.3	5	GREECE-BULGARIA BORDER REGION
a	14	14	42	10.1*	59.653	S	26.397	W	33	N	5.1		1.0	45	SOUTH SANDWICH ISLANDS REGION. Mw 5.7 (HRV).
	14	14	58	13.1%	40.465	N	27.973	E	5	G			0.3	6	TURKEY. ML 2.8 (ISK).
	14	15	07	00.4	39.712	N	25.591	E	16				0.9	29	AEGEAN SEA. ML 3.5 (THE).
	14	15	42	23.2*	31.711	S	72.574	W	10	G			1.0	16	OFF COAST OF CENTRAL CHILE
	14	16	45	22.0?	40.60	N	28.85	E	5	G			0.3	4	TURKEY. ML 2.4 (ISK).
	14	16	49	15.1?	32.81	S	71.70	W	33	N			1.3	11	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	14	16	52	46.7?	34.51	S	70.88	W	90	G			0.3	6	CHILE-ARGENTINA BORDER REGION
	14	16	55	19.4?	39.39	N	138.32	E	33	N	4.1		1.1	11	EASTERN SEA OF JAPAN
	14	17	41	42.5?	10.43	S	119.03	E	33	N	4.5		0.9	9	SUMBA REGION, INDONESIA
	14	17	58	36.2&	42.277	N	121.909	W	7					9	OREGON. <SEA-P>. MD 2.8 (SEA).
	14	18	30	13.8	42.672	N	2.104	E	10	G			0.4	10	PYRENEES. ML 2.7 (LDG), 2.0 (STR).
	14	18	39	52.7*	41.016	N	19.930	E	10	G			0.9	22	ALBANIA. ML 2.8 (TTG), 2.7 (THE).
	14	20	20	38.8?	31.35	S	69.00	W	10	G			1.4	4	SAN JUAN PROVINCE, ARGENTINA
	14	20	35	34.0?	28.87	N	34.73	E	10	G			0.2	4	EGYPT
	14	20	50	41.6&	60.168	N	152.816	W	100					51	SOUTHERN ALASKA. <AEIC>.
	14	21	11	52.7%	15.922	N	120.932	E	33	N			1.5	6	LUZON, PHILIPPINE ISLANDS
	14	21	41	01.8*	6.262	S	129.455	E	33	N	4.9		0.8	9	BANDA SEA
	14	22	31	31.8	41.423	N	20.248	E	10	G			0.8	23	ALBANIA. ML 2.7 (TIR), 2.7 (TTG), 2.5 (THE).
	14	23	10	43.0*	40.648	N	30.134	E	10	G			0.6	8	TURKEY. ML 2.8 (ISK).
	14	23	37	25.3%	17.937	N	66.198	W	27	*			0.2	6	PUERTO RICO REGION
	14	23	38	34.6%	17.966	N	66.181	W	33	N			0.8	6	PUERTO RICO REGION
	15	00	02	42.0&	60.621	N	153.407	W	162		3.6			90	SOUTHERN ALASKA. <AEIC>.
	15	00	49	50.5&	39.285	N	123.246	W	6					7	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 2.8 (GM).
	15	01	06	02.4&	39.287	N	123.244	W	5					28	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 2.9 (GM).
	15	02	43	30.3	18.780	S	169.127	E	212		4.9		1.1	117	VANUATU ISLANDS

	15	03	19	02.9?	17.74	N	101.44	W	33	N	3.4	1.0	6	NEAR COAST OF GUERRERO, MEXICO
	15	03	23	45.7*	6.110	S	147.420	E	80	*	4.9	1.3	32	EASTERN NEW GUINEA REG., P.N.G.
	15	03	59	17.3	1.047	S	100.355	E	102	*	5.1	1.2	49	SOUTHERN SUMATERA, INDONESIA
	15	05	10	40.0*	35.256	N	26.138	E	92		4.0	0.9	37	CRETE
	15	05	38	51.9%	38.315	N	1.700	W	10	G		1.1	7	SPAIN. mbLg 2.7 (MDD).
	15	05	56	44.8%	42.770	N	18.458	E	10	G		0.3	9	NORTHWESTERN BALKAN REGION. ML 1.4 (TTG).
	15	06	48	25.3%	44.737	N	6.709	E	10	G		0.5	6	FRANCE. ML 1.9 (GEN).
	15	07	23	02.1%	39.977	N	23.446	E	10	G		0.6	8	AEGEAN SEA. ML 2.1 (THE).
a	15	07	42	24.5	1.979	N	126.845	E	28	D	5.6	1.0	161	NORTHERN MOLUCCA SEA. Mw 5.7 (HRV).
	15	08	51	51.8	40.474	N	21.777	E	10	G		1.2	9	GREECE. ML 1.9 (THE).
	15	09	17	14.6&	37.632	N	118.841	W	10				38	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM).
	15	09	33	13.8%	26.941	S	26.631	E	5	G		0.8	11	REPUBLIC OF SOUTH AFRICA. ML 3.5 (PRE).
	15	09	41	58.8&	62.433	N	151.514	W	97				68	CENTRAL ALASKA. <AEIC>.
	15	09	45	49.8%	40.576	N	23.095	E	10	G		1.2	7	GREECE. ML 1.4 (THE).
	15	09	49	52.6%	39.586	N	29.487	E	10	G		0.9	5	TURKEY. ML 2.6 (ISK).
	15	09	54	45.2%	28.003	S	26.791	E	5	G		0.8	8	REPUBLIC OF SOUTH AFRICA. ML 2.6 (PRE).
	15	10	48	23.9%	39.673	N	29.511	E	10	G		1.2	5	TURKEY. ML 2.6 (ISK).
	15	11	11	41.3%	39.578	N	29.547	E	10	G		1.1	5	TURKEY. ML 2.6 (ISK).
	15	12	03	56.2?	51.26	N	15.30	E	10	G		1.5	8	POLAND. ML 3.4 (VIE).
	15	12	09	57.6%	26.900	S	26.630	E	5	G		1.1	7	REPUBLIC OF SOUTH AFRICA. ML 2.3 (PRE).
	15	12	23	35.7*	26.725	N	140.375	E	504	?	4.4	0.6	17	BONIN ISLANDS REGION
	15	12	44	22.8%	11.020	N	61.758	W	10	G		0.8	5	WINDWARD ISLANDS. MD 2.5 (TRN).
	15	12	56	33.3?	51.35	N	15.76	E	10	G		1.0	9	POLAND. ML 3.4 (VIE), 2.7 (CLL).
	15	13	39	21.4&	37.636	N	118.842	W	10				12	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.7 (GM).
	15	13	47	06.3&	62.625	N	151.297	W	98				78	CENTRAL ALASKA. <AEIC>.
	15	14	34	23.1?	59.54	N	3.07	E	5	G		0.5	4	NORTH SEA. MD 2.1 (BER).
	15	16	55	41.5*	36.659	N	71.145	E	210	*	4.3	1.4	21	AFGHANISTAN-TAJIKISTAN BORD REG.
a	15	17	03	31.0	20.849	S	173.926	W	36	D	5.5 5.6	1.2	215	TONGA ISLANDS. Mw 5.7 (HRV). Ms 5.7 (BRK). Mo=9.1*10**17 Nm (PPT).
	15	17	35	57.5?	16.83	S	174.85	W	103	?	4.4	1.6	17	TONGA ISLANDS
	15	18	10	48.5%	26.780	S	26.934	E	5	G		1.7	9	REPUBLIC OF SOUTH AFRICA. ML 3.0 (PRE).
	15	18	41	21.1%	42.751	N	19.281	E	10	G		0.4	9	NORTHWESTERN BALKAN REGION. ML 1.9 (TTG).
	15	19	34	01.1&	34.319	N	116.643	W	0				10	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.8 (GS).
	15	20	05	18.9*	5.567	S	130.695	E	33	N	5.0	1.2	27	BANDA SEA
	15	20	07	11.8%	33.606	S	72.076	W	10	G		0.6	10	OFF COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	15	21	16	54.5*	31.595	N	49.030	E	33	N	4.0	0.5	10	WESTERN IRAN
	15	21	26	13.8?	43.55	N	5.89	E	10	G		0.6	13	NEAR SOUTH COAST OF FRANCE. ML 2.7 (LDG), 2.1 (STR).
	15	22	04	46.8*	50.397	N	90.740	E	33	N	4.5	0.9	13	RUSSIA-MONGOLIA BORDER REGION
	15	22	11	21.3*	10.996	N	62.686	W	5	G		1.2	12	NEAR COAST OF VENEZUELA. MD 3.8 (TRN).
	15	22	31	41.7&	59.863	N	153.281	W	119				39	SOUTHERN ALASKA. <AEIC>.
	15	22	45	51.2?	36.17	N	69.37	E	33	N	4.3	1.4	12	HINDU KUSH REGION, AFGHANISTAN
	15	23	05	23.7%	46.073	N	2.996	E	10	G		0.8	12	FRANCE. ML 2.6 (LDG).
a	15	23	07	09.0	0.070	N	123.648	E	129	D	5.3	1.2	180	MINAHASSA PENINSULA, SULAWESI. Mw 5.2 (HRV).
	15	23	12	12.6%	46.379	N	2.770	E	10	G		0.5	11	FRANCE. ML 2.6 (LDG).
	15	23	18	30.1?	35.55	N	26.07	E	10	G		0.7	4	CRETE. MD 3.8 (ATH).
	15	23	54	17.1&	59.431	N	153.092	W	91		2.8		87	SOUTHERN ALASKA. <AEIC>.
	16	00	41	42.9%	39.856	N	23.238	E	10	G		0.9	7	AEGEAN SEA
	16	00	42	43.2	40.327	N	76.007	W	5	G	4.2	0.8	24	PENNSYLVANIA. mbLg 4.0 (GS). Slight damage in the Reading area. Felt north as far as Allentown and south to Chester County.
	16	01	49	16.2	40.330	N	76.037	W	5	G	4.6	0.9	53	PENNSYLVANIA. mbLg 4.6 (GS). Some damage in the Reading area. Felt (V) at Fleetwood, Hamburg and Wernersville; (IV) at Auburn, Bechtelsville, Bernville, Blue Ball, Conestoga, Denver, Douglassville, Ephrata, Exton, Gap, Honey Brook, Leola, Myerstown, Newmanstown, Orwigsburg, Parkesburg, Pequea, Pine Grove, Richland, Schaefferstown, Shoemakersville, Silver Spring, Temple and Willow Street. Felt throughout southeastern Pennsylvania and as far as Baltimore, Maryland and New York City. Also felt at Toronto, Canada.
	16	03	23	51.4	28.239	N	43.871	W	10	G	4.6	0.8	52	NORTHERN MID-ATLANTIC RIDGE
	16	03	25	02.7	28.337	N	43.793	W	10	G	5.0 4.5	0.8	88	NORTHERN MID-ATLANTIC RIDGE
	16	04	09	42.9&	59.350	N	152.630	W	76				51	SOUTHERN ALASKA. <AEIC>.
	16	05	02	56.9*	7.165	S	129.125	E	156	?	4.8	0.9	13	BANDA SEA
	16	05	14	32.3	40.321	N	76.007	W	5	G		0.8	7	PENNSYLVANIA. mbLg 2.9 (GS).
	16	05	28	09.8	40.293	N	29.654	E	10	G		0.5	9	TURKEY. ML 2.9 (ISK).
	16	05	29	08.3*	34.212	N	137.884	E	282	*	4.5	0.9	24	NEAR S. COAST OF HONSHU, JAPAN
	16	07	13	30.9?	31.51	S	68.70	W	100	G		0.4	4	SAN JUAN PROVINCE, ARGENTINA
	16	07	43	19.4	46.314	N	13.102	E	5	G		1.2	13	AUSTRIA. MD 3.3 (LJU), 2.7 (TRI).
	16	09	03	54.3?	31.76	S	68.28	W	100	G		0.2	4	SAN JUAN PROVINCE, ARGENTINA
	16	09	17	16.7	40.417	N	21.866	E	5	G		1.3	10	GREECE. ML 1.5 (THE).
	16	09	39	29.1%	26.893	S	26.757	E	5	G		1.6	5	REPUBLIC OF SOUTH AFRICA
a	16	10	18	40.0*	20.365	S	175.376	W	33	N	4.8 5.0	0.9	35	TONGA ISLANDS. Mw 5.4 (HRV).
	16	10	40	07.4%	44.377	N	7.186	E	5	G		0.3	8	NORTHERN ITALY. ML 2.1 (GEN).
	16	10	55	29.4*	32.648	S	72.165	W	33	N		0.5	13	OFF COAST OF CENTRAL CHILE. MD 4.0 (SAN).
	16	11	18	28.3*	40.982	N	29.249	E	10	G		0.6	5	TURKEY. ML 3.0 (ISK).
	16	11	43	25.4?	10.80	N	62.43	W	100	G		1.1	6	NEAR COAST OF VENEZUELA. MD 3.1 (TRN).
	16	11	46	33.5*	8.708	S	127.313	E	28	D	4.8 4.3	1.6	49	TIMOR REGION, INDONESIA
	16	12	02	53.6&	58.965	N	153.911	W	93				79	KODIAK ISLAND REGION. <AEIC>.
	16	12	18	36.4?	37.47	N	35.75	E	10	G		0.0	4	TURKEY. ML 3.7 (BHL), 3.2 (CSS).
	16	12	37	30.9%	42.354	N	19.377	E	10	G		0.6	8	NORTHWESTERN BALKAN REGION. ML 2.0 (TTG).
	16	13	18	33.6%	33.685	S	70.680	W	31	*		0.2	9	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	16	13	44	09.0?	33.77	S	71.90	W	33	N		0.5	9	NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	16	14	11	15.5%	42.973	N	18.733	E	10	G		0.5	6	NORTHWESTERN BALKAN REGION. ML 1.5 (TTG).
	16	14	22	38.3?	26.40	N	89.12	E	33	N	3.9	1.1	9	INDIA-BANGLADESH BORDER REGION. ML 4.1 (BJI).
	16	14	50	15.4?	39.71	N	29.66	E	10	G		0.7	4	TURKEY. ML 2.7 (ISK).
	16	15	03	21.3*	53.515	N	170.191	W	33	N	4.2	1.1	17	FOX ISLANDS, ALEUTIAN ISLANDS
	16	15	19	25.4	11.540	S	164.731	E	33	N	5.0 4.7	1.0	58	SANTA CRUZ ISLANDS REGION
	16	15	48	34.2&	62.853	N	149.547	W	90				65	CENTRAL ALASKA. <AEIC>.
	16	15	55	02.2	36.566	N	2.844	W	5	G		1.2	24	STRAIT OF GIBRALTAR. mbLg 3.4 (MDD). Felt (III) in the Adra area, Spain.
	16	16	21	56.4?	16.20	N	61.17	W	10	G		1.6	4	LEEWARD ISLANDS. ML 2.4 (FDF).
	16	16	58	13.1	49.106	N	103.276	E	12	D	4.8 4.7	1.3	92	MONGOLIA

	16	17 03 08.2	36.604	N	2.821	W	5	G			1.2	27	STRAIT OF GIBRALTAR. mbLg 3.5 (MDD). Felt (III) in the Adra area, Spain.
	16	17 13 42.2%	42.563	N	19.066	E	10	G			0.4	9	NORTHWESTERN BALKAN REGION. ML 2.7 (TTG).
	16	17 14 00.9	42.564	N	19.017	E	10	G			0.7	12	NORTHWESTERN BALKAN REGION. ML 3.2 (TTG).
	16	17 18 15.7%	42.559	N	19.064	E	10	G			0.2	9	NORTHWESTERN BALKAN REGION. ML 2.0 (TTG).
	16	19 12 58.1?	8.75	S	114.70	E	115	*	5.0		0.9	17	BALI REGION, INDONESIA
	16	19 18 01.6%	41.998	N	19.484	E	10	G			0.4	9	ALBANIA. ML 2.1 (TTG).
	16	19 28 27.5	3.710	N	126.328	E	33	N	4.8		1.2	40	TALAUD ISLANDS, INDONESIA
a	16	19 48 50.8*	15.053	S	173.606	W	29	D	5.0	4.9	1.3	59	TONGA ISLANDS. Mw 5.2 (HRV).
a	16	20 12 18.7	7.483	S	128.449	E	145	D	5.2		1.1	115	BANDA SEA. Mw 5.4 (HRV).
	16	20 39 30.2	41.970	N	19.489	E	10	G			0.9	15	ALBANIA. ML 2.6 (TIR), 2.5 (TTG).
	16	20 46 38.3*	3.133	S	120.784	E	33	N	4.6		1.2	22	SULAWESI, INDONESIA
	16	21 13 01.1	42.014	N	19.429	E	10	G			0.4	10	NORTHWESTERN BALKAN REGION. MD 2.5 (TTG).
	16	21 15 07.9*	28.350	N	43.822	W	10	G	4.3		1.1	10	NORTHERN MID-ATLANTIC RIDGE
	16	22 25 48.0%	42.561	N	19.063	E	10	G			0.3	9	NORTHWESTERN BALKAN REGION. ML 2.0 (TTG).
	16	22 53 38.0*	8.906	S	123.674	E	33	N	4.9		1.2	14	FLORES REGION, INDONESIA
	17	00 50 26.2?	7.78	S	128.18	E	177	?	3.9		1.6	8	BANDA SEA
	17	01 00 04.4%	33.412	S	72.266	W	10	G			0.3	11	OFF COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	17	01 59 58.3	38.221	N	107.710	W	5	G			0.8	22	COLORADO. ML 2.8 (GS).
	17	02 06 00.3&	37.637	N	118.842	W	10					30	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.7 (GM). ML 2.7 (GS).
	17	02 20 53.6?	44.37	N	7.34	E	5	G			0.0	4	NORTHERN ITALY. ML 1.5 (GEN).
	17	03 41 42.6%	43.017	N	18.735	E	10	G			0.4	7	NORTHWESTERN BALKAN REGION. ML 1.4 (TTG).
	17	04 23 01.0?	7.01	S	129.38	E	204	?	4.3		0.4	5	BANDA SEA
	17	04 55 06.9*	34.745	N	33.763	E	33	N			1.1	7	CYPRUS REGION. ML 3.3 (CSS), 3.3 (BHL).
	17	05 08 53.2?	38.63	N	26.83	E	10	G			0.3	4	AEGEAN SEA. ML 3.0 (ISK).
	17	05 47 31.0?	38.10	N	104.28	E	10	G	4.0		0.1	5	WESTERN NEI MONGOL, CHINA. ML 3.8 (BJI).
	17	05 50 26.0	37.281	N	3.120	W	5	G			1.4	14	SPAIN. mbLg 3.2 (MDD). Felt (III) in the Guadix area.
	17	06 48 10.4&	62.864	N	151.229	W	111		3.7			98	CENTRAL ALASKA. <AEIC>.
a	17	07 19 42.9	24.940	N	122.931	E	129	D	5.1		1.0	153	TAIWAN REGION. Mw 5.3 (HRV).
	17	08 05 30.3&	60.325	N	150.925	W	54					58	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.7 (AEIC).
	17	08 33 57.4?	39.66	N	29.43	E	10	G			0.7	4	TURKEY. ML 2.5 (ISK).
	17	08 58 33.9%	40.457	N	21.727	E	10	G			1.1	7	GREECE
	17	09 11 02.5%	40.538	N	21.913	E	10	G			0.6	8	GREECE
	17	09 45 13.0?	31.42	N	49.49	E	33	N	4.1		0.9	7	WESTERN IRAN
	17	10 14 54.2?	31.69	S	70.25	W	140	G			0.3	10	CHILE-ARGENTINA BORDER REGION. MD 3.8 (SAN).
	17	11 37 17.5?	13.02	N	60.54	W	70	G			0.3	7	WINDWARD ISLANDS. MD 3.1 (TRN).
	17	12 03 27.4&	60.330	N	150.936	W	59		2.6			57	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.8 (AEIC).
f	17	12 30 55.3&	34.213	N	118.537	W	18		6.4	6.8		696	SOUTHERN CALIFORNIA. <PAS-P>. Mw 6.7 (GS), 6.7 (HRV), 6.7 (PAS). ML 6.7 (BRK). Mo=3.6*10**19 Nm (PPT). Mo=1.2*10**19 Nm (BRK). Sixty people were killed, more than 7,000 injured, 20,000 homeless and more than 40,000 buildings damaged in Los Angeles, Ventura, Orange and San Bernardino Counties. Severe damage occurred in the San Fernando Valley: maximum intensities of (IX) were observed in and near Northridge and in Sherman Oaks. Lesser, but still significant damage occurred at Fillmore, Glendale, Santa Clarita, Santa Monica, Simi Valley and in western and central Los Angeles. Damage was also sustained to Anaheim Stadium. Collapsed overpasses closed sections of the Santa Monica Freeway, the Antelope Valley Freeway, the Simi Valley Freeway and the Golden State Freeway. Fires caused additional damage in the San Fernando Valley and at Malibu and Venice. Preliminary estimates of damage are between 13 and 20 billion U.S. dollars. Felt throughout much of southern California and as far away as Turlock, California; Las Vegas, Nevada; Richfield, Utah and Ensenada, Mexico. The maximum recorded acceleration exceeded 1.0g at several sites in the area with the largest value of 1.8g recorded at Tarzana, about 7 km south of the epicenter. A maximum uplift of about 15 cm occurred in the Santa Susana Mountains and many rockslides occurred in mountain areas, blocking some roads. Some ground cracks were observed at Granada Hills and in Potrero Canyon. Some liquefaction occurred at Simi Valley and in some other parts of the Los Angeles Basin. Two events about 2.3 seconds apart. Depth 19.4 km from broadband displacement seismograms, based on first event.
	17	12 39 39.8&	34.261	N	118.534	W	15					29	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.5 (PAS), 5.0 (GS). Double event.
	17	12 49 38.0&	34.309	N	118.447	W	2					15	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.8 (PAS).
	17	12 51 04.8&	34.318	N	118.478	W	0					16	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.8 (PAS).
	17	12 54 07.7&	34.349	N	118.637	W	6	G				18	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS). Double event.
	17	12 55 46.8&	34.269	N	118.576	W	17					16	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.1 (PAS).
	17	12 57 56.7&	34.354	N	118.425	W	6	G				10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.7 (PAS), 3.9 (GS).
	17	13 01 01.1&	34.354	N	118.622	W	10					19	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.8 (PAS).
	17	13 06 27.8&	34.254	N	118.545	W	0		4.3			60	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.6 (PAS), 4.7 (BRK), 4.5 (GS).
	17	13 08 34.9&	34.296	N	118.453	W	1					6	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.6 (PAS), 3.9 (GS).
	17	13 10 57.7*	34.457	N	118.775	W	10	G			1.2	11	SOUTHERN CALIFORNIA
	17	13 13 27.3	34.391	N	118.766	W	10	G			0.9	18	SOUTHERN CALIFORNIA
	17	13 15 42.2	34.260	N	118.494	W	10	G			1.0	24	SOUTHERN CALIFORNIA. ML 3.7 (GS).
	17	13 17 44.3&	34.305	N	118.483	W	20					27	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.6 (PAS), 3.7 (GS).
	17	13 22 49.6&	34.364	N	118.619	W	6	G				40	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.9 (PAS), 4.0 (GS).
	17	13 25 04.2&	34.350	N	118.470	W	0					22	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.7 (GS).
	17	13 26 44.7&	34.317	N	118.455	W	2		4.2			57	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.7 (PAS), 4.6 (GS), 4.6 (BRK). Mo=2.3*10**16 Nm (BRK).
	17	13 28 13.3&	34.252	N	118.581	W	14					3	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.9 (GS).
	17	13 29 15.4&	34.342	N	118.476	W	6	G				2	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.8 (PAS), 4.0 (GS).
	17	13 29 18.5%	39.666	N	29.473	E	10	G			0.8	5	TURKEY. ML 2.5 (ISK).

17	13	32	20.3&	34.317	N	118.431	W	0			19	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.7 (PAS).
17	13	37	48.1&	34.351	N	118.606	W	6			34	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.9 (PAS), 4.2 (GS).
17	13	42	22.8*	34.323	N	118.691	W	10	G	1.1	17	SOUTHERN CALIFORNIA. ML 3.5 (GS).
17	13	44	33.5&	34.345	N	118.545	W	1			27	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.8 (PAS), 4.0 (BRK), 3.6 (GS).
17	13	45	12.8&	34.377	N	118.620	W	0			27	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.9 (PAS), 4.1 (GS).
17	13	46	48.8&	34.321	N	118.403	W	0			4	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.7 (GS).
17	13	56	02.4&	34.285	N	118.624	W	19	4.9		135	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.4 (PAS), 4.6 (GS), 4.7 (BRK).
17	13	58	26.1&	34.356	N	118.471	W	0			5	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 3.0 (GS).
17	14	00	42.8&	34.253	N	118.622	W	6	G		12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.3 (GS).
17	14	03	59.3&	34.364	N	118.630	W	1			29	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.7 (PAS), 3.7 (GS). Double event.
17	14	06	56.1&	34.314	N	118.532	W	7			29	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.7 (PAS), 3.8 (GS).
17	14	08	07.5&	34.326	N	118.414	W	0			22	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.8 (PAS), 4.1 (GS).
17	14	14	30.3&	34.331	N	118.442	W	2	3.6		60	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.5 (PAS), 4.5 (GS), 4.4 (BRK).
17	14	16	48.7&	34.325	N	118.436	W	0			4	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.9 (GS).
17	14	22	50.0&	34.320	N	118.425	W	0			4	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
17	14	26	51.8&	34.378	N	118.466	W	1			48	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.8 (PAS), 3.9 (GS).
17	14	28	03.7&	34.193	N	118.529	W	17			20	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.9 (PAS), 3.7 (GS).
17	14	29	39.8&	34.330	N	118.414	W	1			21	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 3.3 (GS).
17	14	31	02.7&	34.342	N	118.565	W	0			3	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.0 (GS).
17	14	32	40.3?	34.30	N	118.49	W	10	G	0.6	4	SOUTHERN CALIFORNIA. ML 3.0 (GS).
17	14	33	42.1&	34.308	N	118.478	W	2			23	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.2 (GS).
17	14	36	20.0%	40.179	N	21.964	E	5	G	1.1	8	GREECE. ML 1.7 (THE).
17	14	45	54.4&	34.294	N	118.644	W	0			16	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.3 (GS).
17	14	46	12.0&	38.801	N	122.451	W	11			61	NORTHERN CALIFORNIA. <GM-P>. MD 4.1 (GM). ML 4.1 (BRK), 4.0 (GS). Felt in Napa County.
17	14	46	20.0%	41.854	N	19.572	E	10	G	0.6	9	ALBANIA. ML 1.9 (TTG).
17	14	50	38.2&	34.309	N	118.474	W	3			41	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.8 (PAS), 4.1 (GS).
17	14	58	11.1*	34.347	N	118.524	W	10	G	1.2	21	SOUTHERN CALIFORNIA. ML 3.1 (GS).
17	15	00	27.7&	34.348	N	118.498	W	0			28	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 3.2 (GS).
17	15	02	54.9%	42.999	N	18.735	E	10	G	0.4	7	NORTHWESTERN BALKAN REGION. ML 1.6 (TTG).
17	15	03	39.8&	34.333	N	118.431	W	0			9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
17	15	03	48.5&	34.301	N	118.544	W	0			3	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.3 (GS).
17	15	07	03.1&	34.304	N	118.473	W	2			56	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.2 (PAS), 4.3 (BRK), 4.0 (GS). Double event.
17	15	10	11.6&	34.312	N	118.463	W	2			29	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.9 (PAS), 4.0 (GS).
17	15	10	39.2	47.805	N	8.201	E	10	G	1.2	29	SWITZERLAND. ML 3.4 (FUR), 3.3 (GRF), 3.3 (LDG), 3.2 (VIE), 3.0 (KRW), 3.0 (STR).
17	15	12	05.7&	34.317	N	118.449	W	1			3	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
17	15	14	26.7&	34.352	N	118.459	W	1			27	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.9 (PAS), 3.5 (GS).
17	15	15	20.9&	34.297	N	118.528	W	3			2	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS).
17	15	16	04.5&	34.301	N	118.402	W	2			2	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS).
17	15	20	50.8&	34.369	N	118.613	W	12			31	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.6 (GS).
17	15	22	15.6	29.209	N	130.698	E	34	D	4.4	1.4	36	RYUKYU ISLANDS
17	15	24	05.1&	34.370	N	118.615	W	0			30	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.6 (GS).
17	15	42	12.4&	34.313	N	118.420	W	2			43	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.9 (PAS), 3.8 (GS).
17	15	43	04.6&	34.185	N	118.512	W	18			5	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 3.2 (GS).
17	15	44	37.8	34.259	N	118.474	W	10	G	0.4	24	SOUTHERN CALIFORNIA. ML 3.3 (GS).
17	15	45	11.7&	34.369	N	118.619	W	6	G		39	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.8 (PAS), 3.8 (GS), 4.0 (BRK).
17	15	45	58.0&	34.422	N	118.620	W	6	G		10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.8 (PAS), 3.8 (GS).
17	15	49	52.9&	34.359	N	118.476	W	1			20	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS).
17	15	50	45.4&	34.350	N	118.603	W	11			15	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS).
17	15	54	10.7&	34.374	N	118.622	W	12	4.9		146	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.8 (PAS), 4.8 (GS), 5.0 (BRK). Felt.
17	15	57	25.1	34.212	N	118.539	W	10	G	0.9	28	SOUTHERN CALIFORNIA. ML 3.9 (GS).
17	15	59	47.3%	26.366	S	27.504	E	5	G	1.4	8	REPUBLIC OF SOUTH AFRICA. ML 2.4 (PRE).
17	16	08	32.1*	34.298	N	118.531	W	10	G	0.4	5	SOUTHERN CALIFORNIA. ML 3.1 (GS).
17	16	16	01.6&	34.290	N	118.479	W	2			43	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.8 (PAS), 3.6 (GS).
17	16	19	24.0&	34.347	N	118.449	W	1			29	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.6 (PAS), 3.5 (GS).
17	16	21	05.4&	34.398	N	118.600	W	13			12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 3.1 (GS).
17	16	22	47.1&	34.329	N	118.433	W	1			26	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.5 (GS).
17	16	26	03.3&	34.288	N	118.483	W	3			18	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS).
17	16	27	03.8	34.168	N	118.631	W	10	G	0.9	20	SOUTHERN CALIFORNIA. ML 3.5 (GS). Double event.
17	16	31	34.6&	34.431	N	118.586	W	1			19	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.3 (GS).
17	16	40	59.0&	34.329	N	118.461	W	2			7	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 2.8 (GS).
17	16	42	00.9&	34.286	N	118.535	W	1			23	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.7 (GS).
17	16	43	00.2&	34.327	N	118.460	W	3			7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.7 (GS).
17	16	44	15.4&	34.329	N	118.452	W	0			24	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 3.1 (GS).
17	16	45	45.0&	34.276	N	118.471	W	3			27	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 3.3 (GS).
17	16	49	15.6&	34.324	N	118.433	W	0			55	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.4 (GS).
17	16	57	44.4?	34.30	N	118.60	W	10	G	0.2	4	SOUTHERN CALIFORNIA. ML 2.8 (GS).
17	17	04	13.3&	34.335	N	118.435	W	0			10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 3.0 (GS).
17	17	09	17.4&	34.361	N	118.629	W	0			21	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.2 (GS). Multiple event.
17	17	15	10.7*	34.321	N	118.564	W	10	G	0.1	5	SOUTHERN CALIFORNIA. ML 2.9 (GS).
17	17	18	08.9&	34.365	N	118.631	W	6	G		30	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 3.0 (GS).
17	17	21	54.5&	34.318	N	118.419	W	0			34	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.7 (GS).
17	17	24	17.6&	34.376	N	118.624	W	6	G		20	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 3.0 (GS).
17	17	27	53.1&	34.275	N	118.465	W	3			1	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
17	17	29	59.6&	34.344	N	118.447	W	0			3	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 3.0 (GS).
17	17	35	29.1&	34.387	N	118.625	W	0			6	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
17	17	38	55.7&	34.267	N	118.469	W	3			4	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.9 (GS).
17	17	42	08.2&	34.427	N	118.548	W	1			3	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
17	17	43	28.0&	34.371	N	118.638	W	7			3	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS). Multiple event.
17	17	56	08.2&	34.228	N	118.573	W	19	4.1		91	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.6 (PAS), 4.5 (BRK), 4.3 (GS). Mo=8.2*10**15 Nm (BRK). Multiple event.
17	18	01	48.1*	34.363	N	118.601	W	10	G	1.3	5	SOUTHERN CALIFORNIA. ML 2.9 (GS).
17	18	14	11.7&	34.295	N	118.630	W	20			7	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).

	17	18 20 23.6&	34.279	N	118.466	W	11				38	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.6 (GS).
	17	18 22 55.0&	34.369	N	118.636	W	12				34	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 3.4 (GS).
	17	18 31 40.5	34.306	N	118.486	W	10	G		1.4	14	SOUTHERN CALIFORNIA. ML 2.8 (GS).
	17	18 32 08.4&	34.285	N	118.505	W	3				39	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.8 (PAS), 3.6 (GS).
	17	18 39 58.1&	34.336	N	118.461	W	0				23	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
	17	18 51 08.2&	34.337	N	118.376	W	0				58	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.9 (GS).
	17	18 55 17.4?	29.48	N	129.30	E	33	N	4.0	1.7	6	RYUKYU ISLANDS
	17	19 03 55.3&	34.320	N	118.479	W	0				10	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS), 3.0 (GS). Multiple event.
	17	19 07 28.4&	34.336	N	118.614	W	1				50	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.6 (GS).
	17	19 22 10.1	34.300	N	118.473	W	10	G		0.8	26	SOUTHERN CALIFORNIA. ML 3.4 (GS).
	17	19 23 53.6&	34.279	N	118.577	W	16				37	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.6 (PAS),3.5 (GS).
	17	19 25 59.6&	34.302	N	118.505	W	2				8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.9 (GS).
	17	19 31 54.2&	60.359	N	141.209	W	9				17	SOUTHEASTERN ALASKA. <AEIC>. ML 2.6 (AEIC).
	17	19 35 34.2&	34.311	N	118.456	W	2				55	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.0 (PAS), 4.0 (BRK), 4.2 (GS).
	17	19 43 53.3&	34.368	N	118.637	W	14				72	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.1 (PAS), 4.3 (BRK), 4.0 (GS).
	17	19 46 19.4	34.285	N	118.721	W	10	G		0.7	25	SOUTHERN CALIFORNIA. ML 3.7 (GS).
	17	19 47 45.3	34.442	N	118.692	W	10	G		0.7	21	SOUTHERN CALIFORNIA. ML 3.5 (GS).
	17	19 50 48.0&	34.373	N	118.629	W	7				23	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 3.1 (GS).
	17	19 54 38.1&	34.305	N	118.454	W	0				2	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS). Multiple event.
	17	19 56 41.1&	34.330	N	118.536	W	2				31	SOUTHERN CALIFORNIA. <PAS-P> ML 3.4 (PAS), 3.4 (GS). Multiple event.
	17	19 58 48.7&	34.370	N	118.632	W	12				34	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.6 (PAS), 3.7 (GS).
	17	20 02 05.4&	34.408	N	118.559	W	0				45	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.8 (PAS), 4.0 (GS), 4.0 (BRK).
	17	20 05 27.4&	34.328	N	118.517	W	2				30	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.8 (PAS), 3.8 (GS), 4.0 (BRK).
	17	20 08 00.9&	34.310	N	118.455	W	2				13	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS).
	17	20 11 49.3&	34.318	N	118.499	W	2				39	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.7 (PAS), 3.7 (GS).
	17	20 17 38.4&	34.332	N	118.515	W	2				28	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.7 (PAS), 3.7 (GS).
	17	20 23 43.4&	34.311	N	118.465	W	0				7	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 3.0 (GS).
	17	20 24 37.8&	34.345	N	118.427	W	0				6	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 3.0 (GS).
	17	20 26 58.5&	63.282	N	151.150	W	6				44	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
	17	20 31 59.1&	34.323	N	118.440	W	2				4	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 3.2 (GS).
	17	20 38 24.3&	34.310	N	118.458	W	3				42	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.8 (GS).
	17	20 39 38.6&	34.291	N	118.482	W	3				7	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.7 (PAS).
	17	20 44 46.9&	34.329	N	118.435	W	1				5	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 3.1 (GS).
	17	20 46 02.3&	34.301	N	118.565	W	10		4.7 4.8		129	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.9 (PAS), 5.1 (GS), 5.2 (BRK). Mo=4.0*10**16 Nm (BRK). Felt.
	17	20 50 23.0&	34.347	N	118.490	W	1				29	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.8 (PAS), 3.9 (GS).
	17	20 57 42.3&	34.513	N	118.546	W	3				7	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 2.8 (GS).
	17	21 02 23.3&	34.283	N	118.452	W	8				8	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 3.2 (GS).
	17	21 16 36.1&	34.285	N	118.570	W	12				6	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	17	21 18 43.9?	40.47	N	127.56	W	10	G		0.7	25	OFF COAST OF NORTHERN CALIFORNIA
	17	21 26 36.2%	26.831	S	26.773	E	5	G		0.3	6	REPUBLIC OF SOUTH AFRICA. ML 2.6 (PRE).
	17	21 27 03.2&	34.285	N	118.450	W	9				5	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS), 3.0 (GS). Double event.
	17	21 28 41.1*	34.353	N	118.642	W	10	G		0.3	5	SOUTHERN CALIFORNIA. ML 3.0 (GS).
	17	21 34 01.0	34.244	N	118.663	W	10	G		0.6	7	SOUTHERN CALIFORNIA. ML 3.0 (GS).
	17	21 34 52.9&	34.298	N	118.479	W	9				14	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.2 (GS).
	17	21 46 45.6&	34.344	N	118.602	W	1				12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 3.0 (GS).
	17	21 49 18.1&	34.323	N	118.449	W	9				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 3.0 (GS).
	17	21 52 05.4&	34.336	N	118.629	W	1				8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.8 (GS).
	17	21 55 28.9%	31.592	S	117.124	E	10	G		1.1	7	WESTERN AUSTRALIA
	17	21 56 32.3&	34.348	N	118.474	W	1				7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 3.0 (GS).
	17	21 59 42.0&	34.308	N	118.414	W	2				5	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	17	22 06 46.5*	34.242	N	118.491	W	10	G		0.3	6	SOUTHERN CALIFORNIA. ML 3.1 (GS).
	17	22 07 41.9	34.340	N	118.484	W	10	G		0.7	11	SOUTHERN CALIFORNIA. ML 3.6 (GS).
	17	22 09 15.0*	34.328	N	118.527	W	10	G		0.2	5	SOUTHERN CALIFORNIA. ML 2.9 (GS).
	17	22 10 54.6&	63.527	N	150.737	W	12				62	CENTRAL ALASKA. <AEIC>. ML 2.8 (AEIC).
	17	22 11 05.9&	34.259	N	118.603	W	0				33	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.6 (GS).
	17	22 14 08.2	34.272	N	118.463	W	10	G		0.7	18	SOUTHERN CALIFORNIA. ML 2.9 (GS).
	17	22 19 22.2	34.304	N	118.722	W	10	G		0.9	67	SOUTHERN CALIFORNIA. ML 4.0 (GS).
	17	22 21 44.8&	34.339	N	118.464	W	0				34	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.8 (GS).
	17	22 24 33.0&	34.339	N	118.541	W	1				27	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.6 (GS).
	17	22 31 52.1	34.334	N	118.484	W	10	G		1.3	57	SOUTHERN CALIFORNIA. ML 4.2 (GS).
	17	22 37 24.3&	34.358	N	118.616	W	13				7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.7 (GS).
	17	22 44 13.8&	34.334	N	118.437	W	8				12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 3.0 (GS).
	17	22 45 28.5&	34.440	N	118.529	W	0				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 3.2 (GS).
	17	22 50 35.4&	34.310	N	118.473	W	5				54	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.6 (GS).
	17	22 57 14.1&	34.351	N	118.601	W	7				35	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.8 (GS).
	17	23 01 24.9?	38.61	N	74.22	E	33	N	4.6	1.7	11	TAJIKISTAN-XINJIANG BORDER REG.
	17	23 09 22.3&	34.329	N	118.439	W	7				34	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 3.1 (GS).
	17	23 15 52.6&	34.382	N	118.588	W	14				2	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	17	23 32 34.2?	31.83	S	68.31	W	33	N		1.0	4	SAN JUAN PROVINCE, ARGENTINA
f	17	23 33 30.6&	34.326	N	118.698	W	10		5.7 5.9		324	SOUTHERN CALIFORNIA. <PAS-P>. Mw 5.9 (GS), 5.9 (HRV). ML 5.6 (PAS). Mo=2.9*10**18 Nm (PPT). Mo=1.0*10**18 Nm (BRK). Additional damage in the epicentral area. Depth 11.1 km from broadband displacement seismograms.
	17	23 44 21.5&	34.341	N	118.624	W	2				5	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 3.3 (GS).
	17	23 49 25.3&	34.343	N	118.666	W	8				47	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.0 (PAS), 4.2 (GS), 4.3 (BRK).
	17	23 56 15.4&	34.212	N	118.553	W	20				16	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	18	00 01 27.8&	34.339	N	118.683	W	0				42	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.7 (GS).
	18	00 05 43.3&	34.324	N	118.575	W	5				2	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	18	00 06 38.8&	34.383	N	118.692	W	12				2	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	18	00 12 00.4&	34.344	N	118.631	W	1				3	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	18	00 16 57.8&	34.264	N	118.571	W	16				2	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	18	00 22 19.6	34.285	N	118.665	W	10	G		0.9	26	SOUTHERN CALIFORNIA. ML 3.3 (GS).
	18	00 23 37.5	34.202	N	118.573	W	10	G		0.7	23	SOUTHERN CALIFORNIA. ML 3.5 (GS).

18	00	25	03.0?	34.13	N	118.56	W	10	G		0.8	4	SOUTHERN CALIFORNIA. ML 3.1 (GS).
18	00	36	20.7&	34.268	N	118.482	W	13		2.9		50	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.9 (PAS), 4.0 (GS).
18	00	39	35.0&	34.379	N	118.563	W	7		3.7		55	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.4 (PAS), 4.4 (GS), 4.3 (BRK).
18	00	43	08.8&	34.377	N	118.698	W	11		5.4	5.0	192	SOUTHERN CALIFORNIA. <PAS-P>. ML 5.2 (PAS), 5.5 (BRK). Mo=6.4*10**16 Nm (BRK).
18	00	54	56.5&	34.386	N	118.703	W	3				30	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.2 (GS).
18	01	00	01.3	34.387	N	118.545	W	10	G		0.7	14	SOUTHERN CALIFORNIA. ML 2.9 (GS).
18	01	00	23.9&	34.247	N	118.613	W	19				5	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.3 (GS).
18	01	17	51.4&	34.381	N	118.705	W	12				45	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.6 (PAS), 3.7 (GS).
18	01	38	33.1&	34.240	N	118.678	W	6	G			21	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 2.9 (GS).
18	01	43	13.2&	34.245	N	118.615	W	21				2	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.6 (GS).
18	01	43	31.8?	40.19	N	76.23	W	5	G		0.7	5	PENNSYLVANIA. mbLg 2.6 (GS).
18	01	45	53.6	34.332	N	118.721	W	10	G		0.8	29	SOUTHERN CALIFORNIA. ML 3.4 (GS).
18	01	52	36.4&	34.295	N	118.412	W	4				3	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
18	01	54	31.6&	34.330	N	118.624	W	2				26	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 3.0 (GS).
18	02	00	46.2	34.370	N	118.644	W	10	G		0.8	30	SOUTHERN CALIFORNIA. ML 3.3 (GS).
18	02	02	29.7?	34.27	N	118.44	W	10	G		0.7	5	SOUTHERN CALIFORNIA. ML 3.2 (GS). Double event.
18	02	06	04.0&	34.281	N	118.469	W	9				22	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 3.4 (GS).
18	02	14	07.3?	32.51	S	67.82	W	125	*		1.3	19	MENDOZA PROVINCE, ARGENTINA
18	02	15	42.9&	34.378	N	118.505	W	1				30	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 3.2 (GS).
18	02	18	27.8&	34.299	N	118.392	W	3				21	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 3.0 (GS).
18	02	26	17.2&	34.326	N	118.724	W	0				8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 3.0 (GS).
18	02	28	39.8&	34.310	N	118.447	W	2				18	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.8 (GS).
18	02	53	51.8&	34.301	N	118.506	W	11				33	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.2 (GS).
18	03	04	29.8?	28.98	N	103.90	E	10	G	4.2	1.1	7	SICHUAN, CHINA. ML 3.9 (BJI).
18	03	11	52.3&	34.243	N	118.573	W	3				6	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
18	03	27	13.6&	34.378	N	118.640	W	6	G			3	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
18	03	31	00.6	34.239	N	118.484	W	10	G		1.0	28	SOUTHERN CALIFORNIA. ML 3.5 (GS).
18	03	34	11.4&	34.369	N	118.646	W	3				41	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.7 (GS).
18	03	42	34.5	34.276	N	118.653	W	10	G		1.1	28	SOUTHERN CALIFORNIA. ML 3.2 (GS).
18	04	01	26.7&	34.358	N	118.622	W	1		4.0		82	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.3 (PAS), 4.5 (BRK), 4.6 (GS). Mo=4.4*10**15 Nm (BRK).
18	04	01	59.2?	18.30	S	166.58	E	33	N	3.9	1.4	4	VANUATU ISLANDS REGION
18	04	26	06.7*	34.284	N	118.639	W	10	G		0.3	6	SOUTHERN CALIFORNIA. ML 3.1 (GS).
18	04	30	32.2	34.319	N	118.650	W	10	G		0.6	13	SOUTHERN CALIFORNIA. ML 2.9 (GS). Double event.
18	04	31	19.7&	34.364	N	118.449	W	5				68	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.7 (PAS), 3.9 (GS).
18	04	33	37.9&	61.032	N	150.381	W	18				61	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
18	04	43	27.5&	34.300	N	118.474	W	10				47	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.6 (PAS), 3.7 (GS).
18	04	52	30.7?	34.25	N	118.70	W	10	G		0.5	4	SOUTHERN CALIFORNIA. ML 2.8 (GS). Double event.
18	04	54	46.3?	34.13	N	118.72	W	10	G		0.3	4	SOUTHERN CALIFORNIA. ML 2.9 (GS).
18	05	01	04.6&	34.379	N	118.636	W	13				30	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 3.3 (GS).
18	05	09	15.5&	34.289	N	118.461	W	3				4	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS), 2.7 (GS).
18	05	14	23.9?	48.77	N	1.04	W	10	G		0.0	4	FRANCE. ML 2.3 (LDG).
18	05	19	02.5&	34.352	N	118.669	W	9				53	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.8 (PAS), 4.0 (GS), 4.0 (BRK).
18	05	29	08.7*	43.773	N	18.969	E	10	G		1.2	10	NORTHWESTERN BALKAN REGION. ML 2.7 (TTG).
18	05	30	39.0*	34.355	N	118.655	W	10	G		1.0	7	SOUTHERN CALIFORNIA. ML 2.8 (GS).
18	05	30	51.7?	28.69	S	69.15	W	120	G		0.2	6	CHILE-ARGENTINA BORDER REGION
18	05	31	33.0&	34.343	N	118.466	W	3				5	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 3.2 (GS).
18	05	32	36.9%	32.425	S	70.066	W	110	G		0.4	11	CHILE-ARGENTINA BORDER REGION. MD 3.9 (SAN).
18	05	45	06.9&	34.341	N	118.463	W	2				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.8 (GS).
18	05	48	24.3&	34.298	N	118.450	W	7				11	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 3.0 (GS).
18	05	49	42.1	34.193	N	118.539	W	10	G		1.0	43	SOUTHERN CALIFORNIA. ML 3.9 (GS).
18	06	07	57.0*	43.488	N	13.612	E	10	G		1.6	30	CENTRAL ITALY. ML 3.1 (LDG). MD 3.0 (ROM), 3.0 (TRI).
18	06	14	30.8&	34.399	N	118.627	W	16				8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS), 2.6 (GS).
18	06	26	06.4&	67.525	N	142.844	W	0				9	NORTHERN ALASKA. <AEIC>. ML 3.0 (AEIC).
18	06	29	02.2&	34.298	N	118.447	W	8				63	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.8 (PAS), 3.8 (GS).
18	06	42	44.2&	34.264	N	118.570	W	16				40	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.5 (GS).
18	06	45	32.7&	34.288	N	118.470	W	10				35	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.4 (GS).
18	06	46	10.1	8.364	S	113.187	E	141	D	5.2	1.1	76	JAWA, INDONESIA
18	06	50	32.0&	34.242	N	118.558	W	3				18	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
18	07	00	15.7&	34.369	N	118.464	W	5				5	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS). Double event.
18	07	11	02.8&	34.321	N	118.448	W	3				41	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.6 (GS).
18	07	23	56.0&	34.333	N	118.623	W	15		3.9		70	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.0 (PAS), 4.2 (GS), 4.3 (BRK).
18	07	35	23.9&	34.271	N	118.479	W	14				26	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 3.0 (GS).
18	07	49	07.8&	34.335	N	118.600	W	13				43	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.7 (GS).
18	07	53	25.2&	34.355	N	118.599	W	3				42	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.8 (GS).
18	08	00	14.5&	34.336	N	118.620	W	5				8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 3.1 (GS).
18	08	03	38.2&	34.373	N	118.635	W	11				7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS), 2.8 (GS).
18	08	07	08.1&	34.339	N	118.623	W	3				5	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS), 2.7 (GS).
18	08	07	48.4&	65.038	N	148.743	W	19				39	NORTHERN ALASKA. <AEIC>. ML 2.8 (AEIC), 2.8 (PMR).
18	08	09	59.2&	34.349	N	118.605	W	1				12	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 3.1 (GS).
18	08	11	49.8&	34.322	N	118.612	W	15				26	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 3.3 (GS).
18	08	19	03.9&	34.371	N	118.492	W	1				33	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 3.3 (GS).
18	08	57	18.4&	34.381	N	118.706	W	9				8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS), 3.0 (GS).
18	09	10	45.3%	40.367	N	21.818	E	33	N		1.0	5	GREECE. ML 2.0 (THE).
18	09	12	57.2&	34.289	N	118.414	W	3				23	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 3.1 (GS).
18	09	25	48.6	34.305	N	118.636	W	10	G		0.9	23	SOUTHERN CALIFORNIA. ML 3.0 (GS).
18	09	41	48.6&	34.224	N	118.505	W	18				41	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.7 (PAS), 3.8 (GS).
18	09	43	08.1?	39.57	N	29.53	E	10	G		0.8	5	TURKEY. ML 2.7 (ISK).
18	09	44	32.8&	34.344	N	118.553	W	1				26	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.3 (GS).
18	10	00	28.8&	59.756	N	152.642	W	101				58	SOUTHERN ALASKA. <AEIC>.
18	10	05	39.3&	34.356	N	118.614	W	3				8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.7 (GS).
18	10	09	29.3&	34.368	N	118.713	W	9				32	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 3.3 (GS).
18	10	18	51.3&	34.386	N	118.694	W	6				32	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 3.0 (GS). Double event.
18	10	30	51.3?	31.39	S	68.45	W	100	G		0.4	4	SAN JUAN PROVINCE, ARGENTINA
18	10	45	52.8%	39.627	N	29.559	E	10	G		0.1	5	TURKEY. ML 2.6 (ISK).
18	10	49	33.3&	34.318	N	118.438	W	6				34	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 3.1 (GS).
18	10	52	11.0?	39.07	N	27.54	E	10	G		0.5	4	TURKEY. ML 2.6 (ISK).

18	10	53	26.5&	34.360	N	118.620	W	10				32	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 3.3 (GS).
18	11	13	00.6&	34.303	N	118.639	W	9				27	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.6 (GS).
18	11	15	35.5?	40.65	N	29.91	E	10	G		0.1	4	TURKEY. ML 2.5 (ISK).
18	11	34	09.5&	34.267	N	118.452	W	4				10	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS), 2.6 (GS).
18	11	35	09.9&	34.218	N	118.607	W	12				66	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.2 (PAS), 4.2 (GS), 4.2 (BRK).
18	11	47	20.9&	34.302	N	118.639	W	4				7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS).
18	11	53	31.3*	51.592	N	7.632	E	10	G		1.4	13	GERMANY. ML 3.1 (LDG), 3.0 (BNS).
18	12	07	13.8&	34.335	N	118.523	W	2				25	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 3.1 (GS).
18	12	15	37.6&	34.346	N	118.469	W	6				3	SOUTHERN CALIFORNIA. <PAS-P>> ML 2.8 (PAS).
18	12	39	38.7&	60.130	N	151.294	W	62				86	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.2 (AEIC), 3.1 (PMR).
18	12	41	19.2&	34.300	N	118.636	W	3				10	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS), 2.6 (GS).
18	12	42	03.3&	34.308	N	118.580	W	2				42	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.6 (GS).
18	12	42	55.0&	34.311	N	118.584	W	2				6	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.6 (GS).
18	12	43	11.9	18.575	N	68.816	W	163		4.6	1.2	48	MONA PASSAGE
18	13	09	12.0&	34.312	N	118.621	W	15				8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS), 2.7 (GS).
18	13	18	47.1	17.500	N	145.920	E	111		4.4	1.1	29	MARIANA ISLANDS
18	13	23	15.1&	34.333	N	118.438	W	7				34	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 3.1 (GS).
18	13	24	44.1&	34.319	N	118.558	W	2		3.9		67	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.3 (PAS), 4.4 (GS), 4.5 (BRK).
18	13	33	33.3&	34.305	N	118.585	W	2				29	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 3.2 (GS).
18	13	34	20.4&	34.312	N	118.566	W	2				22	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.5 (GS).
18	13	50	51.0&	34.309	N	118.450	W	3				33	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
18	14	05	08.3&	34.264	N	118.464	W	10				36	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.4 (GS).
18	14	12	59.9&	34.317	N	118.446	W	1				18	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
18	14	17	29.8&	34.287	N	118.491	W	10				40	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.6 (PAS), 3.5 (GS).
18	14	23	14.2%	39.961	N	20.683	E	5	G		0.2	6	GREECE-ALBANIA BORDER REGION. ML 2.1 (THE).
18	14	27	24.3&	34.305	N	118.452	W	6				35	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.5 (GS).
18	14	47	56.0&	34.289	N	118.468	W	3				43	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.6 (PAS), 3.2 (GS).
18	14	52	39.4	34.237	N	118.534	W	10	G		0.8	32	SOUTHERN CALIFORNIA. ML 3.5 (GS).
18	15	00	11.0?	14.04	N	123.34	E	33	N		0.1	4	LUZON, PHILIPPINE ISLANDS
18	15	01	52.2&	34.369	N	118.442	W	5				40	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.4 (GS).
18	15	09	26.4&	34.292	N	118.559	W	11				30	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.6 (GS).
18	15	19	54.2&	34.209	N	118.605	W	9				46	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.9 (PAS), 3.9 (GS).
18	15	21	02.2*	34.300	N	118.498	W	10	G		0.9	6	SOUTHERN CALIFORNIA. ML 3.7 (GS).
18	15	23	46.8&	34.379	N	118.561	W	8		4.8		121	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.8 (PAS), 4.8 (GS), 5.0 (BRK). Mo=1.6*10**16 Nm (BRK). Felt.
18	15	42	57.0&	34.309	N	118.577	W	1				43	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.6 (GS).
18	15	51	44.8&	34.245	N	118.471	W	13				45	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.0 (PAS), 3.8 (GS). Double event.
18	16	04	04.1&	34.366	N	118.574	W	4				29	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 3.0 (GS).
18	16	08	01.0&	34.230	N	118.613	W	17				5	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.9 (GS). Small precursor about 6 seconds prior to this event.
18	16	08	42.4?	21.89	S	177.46	W	400	G	4.0	1.4	9	FIJI ISLANDS REGION
18	16	23	34.2	34.333	N	118.602	W	10	G		1.1	63	SOUTHERN CALIFORNIA. ML 3.9 (GS).
18	16	34	33.1	34.227	N	117.348	W	5	G		1.0	14	SOUTHERN CALIFORNIA. ML 3.2 (GS).
18	16	38	42.1	34.217	N	118.449	W	10	G		0.8	21	SOUTHERN CALIFORNIA. ML 3.5 (GS).
18	16	56	13.5&	34.204	N	118.610	W	12				10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 2.9 (GS).
18	16	58	58.9&	34.319	N	118.461	W	9				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.8 (GS).
18	16	59	10.1&	62.074	N	150.660	W	0	G			42	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
18	17	18	11.2&	34.369	N	118.510	W	3				8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS), 2.7 (GS).
18	17	28	01.3	44.358	N	7.304	E	13			0.5	19	NORTHERN ITALY. ML 2.2 (GEN), 2.1 (LDG).
18	17	34	39.5&	34.291	N	118.543	W	3				29	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 3.0 (GS).
18	17	37	21.1&	34.301	N	118.474	W	6				11	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.7 (GS). Double event.
18	17	43	04.2?	36.61	N	2.80	W	10	G		1.0	4	STRAIT OF GIBRALTAR
18	18	03	53.8	34.211	N	118.531	W	10	G		1.0	33	SOUTHERN CALIFORNIA. ML 3.7 (GS).
18	18	10	24.5*	37.614	N	141.959	E	68	*	4.4	1.1	18	NEAR EAST COAST OF HONSHU, JAPAN
18	18	22	50.6*	34.269	N	118.570	W	10	G		0.9	7	SOUTHERN CALIFORNIA. ML 2.8 (GS).
18	18	24	04.6&	34.265	N	118.596	W	15				7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS), 2.8 (GS).
18	18	35	13.1&	34.232	N	118.511	W	16				35	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.5 (GS).
18	18	35	54.5&	34.328	N	118.427	W	6				5	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.5 (GS).
18	18	45	02.3&	34.344	N	118.468	W	2				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS), 3.0 (GS).
18	18	46	58.6&	33.964	N	118.434	W	16				11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
18	18	48	55.0%	40.277	N	25.046	E	5	G		0.6	8	AEGEAN SEA. ML 2.6 (THE).
18	18	57	10.1?	31.28	S	68.65	W	100	G		0.3	5	SAN JUAN PROVINCE, ARGENTINA
18	19	09	18.5	34.288	N	118.534	W	10	G		1.4	26	SOUTHERN CALIFORNIA. ML 3.3 (GS).
18	19	19	45.0	34.184	N	118.643	W	10	G		1.1	38	SOUTHERN CALIFORNIA. ML 3.4 (GS).
18	19	21	26.7?	2.45	N	126.00	E	33	N	4.7	0.9	12	TALAUD ISLANDS, INDONESIA
18	19	24	07.4&	34.318	N	118.454	W	5				25	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 3.0 (GS).
18	19	28	02.7&	34.373	N	118.648	W	13				30	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 3.5 (GS).
18	19	59	06.0&	34.360	N	118.605	W	4				35	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.3 (GS).
18	19	59	43.9?	41.77	N	23.09	E	5	G		0.7	5	GREECE-BULGARIA BORDER REGION. ML 2.2 (THE).
18	20	04	31.1?	11.38	S	117.66	E	33	N	4.9	1.2	14	SOUTH OF SUMBAWA, INDONESIA
18	20	06	32.6	34.293	N	118.466	W	10	G		0.1	7	SOUTHERN CALIFORNIA. ML 2.5 (GS).
18	20	07	15.0&	34.252	N	118.647	W	19				18	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 3.0 (GS).
18	20	16	45.9&	34.320	N	118.418	W	7				11	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.9 (GS).
18	20	24	09.6&	34.284	N	118.442	W	1				17	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
18	20	35	18.0&	34.330	N	118.427	W	5				6	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS), 2.7 (GS).
18	20	37	06.7&	34.338	N	118.431	W	7				6	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS), 2.8 (GS).
18	20	54	53.5%	38.995	N	23.407	E	10	G		0.3	8	GREECE. ML 2.3 (THE).
18	20	55	12.3&	34.392	N	118.625	W	3				6	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.9 (GS).
18	21	14	14.7&	34.404	N	118.635	W	10				33	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 3.3 (GS).
18	21	58	55.1*	15.374	S	167.407	E	125	*	4.8	1.2	70	VANUATU ISLANDS
18	22	18	43.0%	16.476	N	122.532	E	33	N		0.9	8	LUZON, PHILIPPINE ISLANDS
18	22	56	15.9&	34.330	N	118.438	W	6				5	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS), 2.6 (GS).
18	23	10	36.6	34.373	N	27.148	E	44	*	4.2	1.3	32	EASTERN MEDITERRANEAN SEA. MD 4.0 (HLW).
19	00	03	17.6&	34.270	N	118.460	W	7				38	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.3 (GS).
19	00	44	03.3?	39.36	N	27.77	E	10	G		0.8	4	TURKEY. ML 2.8 (ISK).
19	01	09	15.1&	34.310	N	118.407	W	6				11	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS), 2.6 (GS).
19	01	16	25.9	43.660	N	127.551	W	10	G	4.5 4.9	1.2	67	OFF COAST OF OREGON. ML 5.1 (BRK).
19	01	17	54.4&	34.278	N	118.564	W	14				28	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 3.7 (GS).

	19	01	18	54.0?	20.34	S	175.53	W	200	G	5.0	1.5	16	TONGA ISLANDS
	19	01	24	31.0&	34.298	N	118.572	W	2				28	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.9 (GS).
	19	01	26	54.1&	34.307	N	118.387	W	3				59	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.7 (GS).
	19	01	27	11.6%	44.474	N	7.456	E	10	G		0.5	7	NORTHERN ITALY. ML 1.9 (GEN).
f	19	01	53	34.9	3.176	S	135.970	E	23	G	6.1 6.8	1.2	283	IRIAN JAYA REGION, INDONESIA. Mw 6.7 (GS), 6.8 (HRV). Ms 6.7 (BRK). Mo=2.2*10**19 Nm (PPT). Felt at Biak, Nabire and Timuka. Depth from broadband displacement seismograms.
	19	02	25	53.6&	34.293	N	118.442	W	3				30	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 3.0 (GS).
	19	02	29	53.2&	34.377	N	118.529	W	3				5	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS), 2.8 (GS).
	19	02	50	20.7*	32.828	S	68.184	W	10	G		0.5	11	MENDOZA PROVINCE, ARGENTINA. MD 3.6 (SAN).
	19	02	51	36.7	32.932	S	68.025	W	10	G		1.0	19	MENDOZA PROVINCE, ARGENTINA. MD 4.2 (SAN). Felt (III) at Mendoza.
	19	03	08	27.9&	61.972	N	151.066	W	64				61	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	19	03	09	10.3&	34.290	N	118.534	W	3				8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS), 2.9 (GS).
	19	03	23	54.0&	34.324	N	118.454	W	10				38	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.3 (GS).
	19	03	31	28.1&	34.306	N	118.595	W	18				25	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.8 (GS).
	19	03	39	00.8?	43.23	N	128.96	W	10	G		0.3	23	OFF COAST OF OREGON
	19	03	57	51.4&	34.349	N	118.594	W	0				24	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.2 (GS). Small precursor about 6 seconds prior to this event.
	19	04	05	49.0*	32.389	S	71.602	W	5	G		0.7	15	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	19	04	31	56.4&	34.380	N	118.539	W	3				11	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.8 (GS).
	19	04	40	47.9&	34.360	N	118.571	W	3		4.1		102	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.3 (PAS), 4.5 (GS), 4.5 (BRK). Mo=3.2*10**15 Nm (BRK). Felt.
	19	04	43	14.5&	34.365	N	118.708	W	12				43	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.1 (PAS), 4.1 (GS).
	19	04	47	56.5	40.462	N	20.617	E	10	G		1.3	35	GREECE-ALBANIA BORDER REGION. ML 3.8 (THE), 3.6 (TTG), 3.4 (TIR). MD 3.8 (ATH).
	19	04	57	30.1&	34.354	N	118.570	W	3				8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS), 2.7 (GS).
	19	04	59	55.9*	49.065	N	103.580	E	33	N	4.5	1.3	20	MONGOLIA
	19	05	06	51.7&	34.364	N	118.714	W	4				35	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 3.0 (GS).
	19	05	13	15.4&	34.350	N	118.608	W	6				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.8 (GS).
	19	05	14	58.5&	34.295	N	118.459	W	9				43	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.6 (PAS), 3.6 (GS).
	19	05	21	02.5&	34.374	N	118.517	W	3				8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.8 (GS).
	19	06	03	36.2*	17.890	N	67.649	W	33	N		0.5	9	MONA PASSAGE
	19	06	23	41.5&	34.285	N	118.456	W	10				39	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.5 (GS).
	19	07	14	06.1&	34.287	N	118.466	W	12				73	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.0 (PAS), 3.9 (GS).
	19	07	29	34.6&	34.249	N	118.540	W	4				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.5 (PAS), 2.7 (GS).
	19	07	37	07.5*	20.357	S	175.280	W	124	D	5.0	1.2	23	TONGA ISLANDS
	19	07	39	26.3?	44.34	N	7.30	E	10	G		0.1	4	NORTHERN ITALY. ML 1.0 (GEN).
	19	07	46	43.5%	31.182	N	131.612	E	33	N		1.0	6	KYUSHU, JAPAN
	19	07	47	52.0	49.158	N	6.848	E	5	G		1.0	14	GERMANY. ML 2.6 (STR).
	19	07	51	26.0?	3.32	S	135.71	E	33	N	5.0	1.6	10	IRIAN JAYA REGION, INDONESIA
	19	07	57	04.8	45.612	N	14.272	E	5	G		0.4	7	NORTHWESTERN BALKAN REGION. MD 2.4 (LJU), 1.9 (TRI).
	19	07	58	34.4&	34.240	N	118.531	W	15				28	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.1 (GS).
	19	08	24	11.7&	34.366	N	118.645	W	13				40	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.4 (GS).
	19	08	46	17.7	45.995	N	15.060	E	10	G		0.8	8	NORTHWESTERN BALKAN REGION. MD 2.7 (LJU), 2.3 (TRI). ML 2.5 (VIE). Felt (IV) at Radece, Slovenia.
	19	09	04	59.4?	32.05	S	68.59	W	100	G		0.3	5	MENDOZA PROVINCE, ARGENTINA
	19	09	13	10.9&	34.304	N	118.737	W	13				67	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.1 (PAS), 4.2 (GS), 4.0 (BRK). Mo=7.9*10**14 Nm (BRK).
	19	09	17	35.2?	39.26	N	27.71	E	10	G		0.9	4	TURKEY. ML 2.9 (ISK).
	19	10	11	29.0&	34.300	N	118.486	W	3				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS), 2.7 (GS).
	19	10	17	46.3	20.545	S	178.373	W	564		5.3	1.0	41	FIJI ISLANDS REGION
	19	10	30	53.5*	30.057	S	71.783	W	24			0.7	16	NEAR COAST OF CENTRAL CHILE
	19	10	42	23.2	34.206	N	118.795	W	10	G		0.9	41	SOUTHERN CALIFORNIA. ML 3.6 (GS).
	19	10	44	33.6&	34.321	N	118.410	W	6				8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS), 2.6 (GS).
	19	10	45	17.1?	44.75	N	6.82	E	10	G		0.3	4	FRANCE. ML 2.1 (GEN).
	19	10	47	14.9&	34.233	N	118.578	W	2				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS), 2.7 (GS).
	19	10	51	09.6&	34.283	N	118.555	W	12				33	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 3.4 (GS).
	19	11	06	03.7&	34.286	N	118.472	W	10				51	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.2 (GS).
	19	11	18	04.3*	15.690	N	120.897	E	196		4.5	1.3	29	LUZON, PHILIPPINE ISLANDS
	19	11	38	01.9%	39.677	N	29.406	E	10	G		1.0	5	TURKEY. ML 2.7 (ISK).
	19	12	09	08.8	34.285	N	118.518	W	10	G		1.2	34	SOUTHERN CALIFORNIA. ML 3.7 (GS).
	19	12	14	24.9*	45.987	N	13.129	E	5	G		0.4	6	NORTHERN ITALY. ML 2.4 (VIE).
	19	12	15	15.7&	34.372	N	118.609	W	14				27	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 3.0 (GS).
	19	12	29	58.6?	24.30	S	66.97	W	186	?		1.7	10	SALTA PROVINCE, ARGENTINA
	19	12	37	16.1?	41.62	N	22.27	E	10	G		0.5	5	NORTHWESTERN BALKAN REGION. ML 2.0 (SKO).
	19	12	38	44.7&	34.328	N	118.427	W	5				41	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.8 (GS).
	19	12	38	57.3&	60.697	N	150.382	W	40				67	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.6 (AEIC).
	19	12	53	57.9%	39.635	N	29.472	E	10	G		0.2	5	TURKEY. ML 2.7 (ISK).
	19	12	59	15.4*	43.570	N	127.520	W	10	G	2.6	0.4	31	OFF COAST OF OREGON
	19	13	02	18.0	38.470	N	117.902	W	5	G	2.9	0.9	39	NEVADA. ML 3.5 (GS). MD 3.2 (GM).
	19	13	06	59.3%	26.405	S	27.531	E	5	G		0.5	10	REPUBLIC OF SOUTH AFRICA. ML 3.2 (PRE).
	19	13	16	41.2?	36.55	N	2.80	W	5	G		1.5	5	STRAIT OF GIBRALTAR. mbLg 3.0 (MDD).
	19	13	17	19.6&	34.345	N	118.506	W	5				35	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 3.2 (GS).
	19	13	20	06.8?	42.58	N	23.84	E	5	G		0.8	8	BULGARIA
	19	13	40	07.8%	26.204	S	28.227	E	5	G		1.1	8	REPUBLIC OF SOUTH AFRICA. ML 2.3 (PRE).
	19	13	42	51.2*	12.801	N	119.976	E	33	N	4.3	1.2	8	PHILIPPINE ISLANDS REGION. Felt (I RF) at Puerto Galera.
	19	13	44	21.7	34.262	N	118.712	W	10	G		0.8	8	SOUTHERN CALIFORNIA. ML 2.7 (GS).
	19	14	09	14.8&	34.215	N	118.510	W	17		4.3		110	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.5 (PAS), 4.5 (GS), 4.4 (BRK). Mo=6.2*10**15 Nm (BRK).
	19	14	35	34.0&	59.874	N	153.494	W	139				46	SOUTHERN ALASKA. <AEIC>.
	19	14	46	35.2&	34.292	N	118.466	W	6				55	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.0 (PAS), 4.1 (GS).
	19	15	03	47.5&	34.293	N	118.460	W	6	G			62	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.7 (PAS), 3.7 (GS).
	19	15	06	14.1?	39.66	N	29.46	E	10	G		0.7	4	TURKEY. ML 2.7 (ISK).
	19	15	07	41.1?	39.62	N	29.46	E	10	G		1.1	4	TURKEY. ML 2.5 (ISK).
	19	15	19	19.8%	33.866	S	71.377	W	33	N		0.3	10	NEAR COAST OF CENTRAL CHILE. MD 3.4 (SAN).
	19	16	10	39.4%	44.244	N	7.166	E	10	G		0.4	5	NORTHERN ITALY. ML 2.1 (GEN).
a	19	16	26	48.0	17.584	S	178.495	W	533	D	5.4	1.1	212	FIJI ISLANDS REGION. Mw 6.1 (HRV).
	19	16	42	29.9*	26.383	S	27.451	E	5	G		0.8	9	REPUBLIC OF SOUTH AFRICA. ML 3.2 (PRE).
	19	17	02	12.7&	34.215	N	118.616	W	12				23	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 3.1 (GS).
	19	17	12	11.0	34.306	N	118.492	W	10	G		1.0	34	SOUTHERN CALIFORNIA. ML 3.4 (GS).

	19	17	25	44.6?	52.01	N	158.78	E	33	N	4.4	0.7	8	NEAR EAST COAST OF KAMCHATKA
	19	17	43	55.8%	26.374	S	27.470	E	5	G		0.6	8	REPUBLIC OF SOUTH AFRICA. ML 2.5 (PRE).
	19	17	46	52.5&	34.342	N	118.453	W	5				29	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 3.3 (GS).
	19	17	58	57.5%	26.202	S	28.229	E	5	G		1.0	9	REPUBLIC OF SOUTH AFRICA. ML 2.8 (PRE).
	19	18	35	39.8	40.009	N	33.048	E	10	G		1.3	9	TURKEY. ML 3.9 (ISK). Felt in the Ankara area.
	19	19	04	05.3?	42.26	N	122.04	W	5	G		0.5	8	OREGON. ML 2.5 (GS).
	19	19	20	44.3*	15.146	N	91.649	W	178	*	3.9	1.4	12	MEXICO-GUATEMALA BORDER REGION
	19	19	43	25.0*	55.776	S	27.910	W	33	N	5.2	0.9	17	SOUTH SANDWICH ISLANDS REGION
	19	19	50	09.1&	34.288	N	118.443	W	8				42	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.8 (PAS), 3.7 (GS).
	19	20	17	51.8&	34.369	N	118.705	W	9				38	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.6 (GS).
	19	20	29	12.1?	38.92	N	23.09	E	10	G		0.8	4	GREECE
	19	21	04	14.1	34.342	N	118.672	W	10	G		1.0	16	SOUTHERN CALIFORNIA. ML 2.8 (GS).
	19	21	07	28.6?	31.37	S	68.65	W	100	G		0.4	5	SAN JUAN PROVINCE, ARGENTINA
a	19	21	09	28.6&	34.379	N	118.711	W	14		5.1		173	SOUTHERN CALIFORNIA. <PAS-P>. Mw 5.3 (HRV). ML 5.1 (PAS), 5.5 (BRK). Mo=8.7*10**16 Nm (BRK). Felt.
	19	21	10	13.4*	14.443	S	167.538	E	178	D	4.5	1.3	13	VANUATU ISLANDS
	19	21	11	44.9&	34.378	N	118.618	W	11		4.7		51	SOUTHERN CALIFORNIA. <PAS-P>. ML 5.1 (PAS), 4.8 (GS).
	19	21	13	56.8&	34.304	N	118.734	W	27				3	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	19	21	15	02.7&	34.351	N	118.672	W	21				3	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	19	21	26	14.9&	34.358	N	118.693	W	15				7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.8 (GS).
	19	21	27	50.3	34.332	N	118.722	W	10	G		0.7	27	SOUTHERN CALIFORNIA. ML 3.5 (GS).
	19	21	34	20.8	34.344	N	118.642	W	10	G		0.6	25	SOUTHERN CALIFORNIA. ML 2.8 (GS).
	19	21	34	39.8&	34.345	N	118.711	W	14				30	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.7 (GS).
	19	21	35	47.5%	26.894	S	26.735	E	5	G		1.0	5	REPUBLIC OF SOUTH AFRICA. ML 2.6 (PRE).
	19	21	37	40.3&	34.349	N	118.712	W	15				18	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.7 (GS).
	19	21	42	03.9&	34.296	N	118.475	W	5				36	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.6 (GS).
	19	21	44	49.1%	26.921	S	26.748	E	5	G		0.7	7	REPUBLIC OF SOUTH AFRICA. ML 2.4 (PRE).
	19	21	46	10.5%	44.276	N	8.213	E	5	G		0.5	5	NORTHERN ITALY. ML 1.7 (GEN).
	19	21	46	25.0*	34.411	N	118.768	W	10	G		1.1	18	SOUTHERN CALIFORNIA. ML 2.9 (GS).
	19	22	02	43.5	43.912	N	7.780	E	5	G		0.4	12	NEAR SOUTH COAST OF FRANCE. ML 2.3 (GEN).
	19	22	06	36.5&	34.377	N	118.610	W	12				12	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.9 (GS).
	19	22	27	31.3&	42.300	N	121.958	W	7		4.2		90	OREGON. <SEA-P>. MD 4.0 (SEA). ML 4.4 (GS), 4.3 (BRK). Slight damage (VI) at Dorris, California. Felt strongly in the Klamath Falls area. Felt (V) at Keno and (IV) at Midland. Felt (III) at Hornbrook, California.
	19	22	29	17.5&	60.248	N	150.971	W	64				66	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.6 (AEIC).
	19	22	36	20.5	44.546	N	7.173	E	5	G		0.6	17	NORTHERN ITALY. ML 2.4 (GEN).
	19	22	58	31.5	34.299	N	118.564	W	10	G		0.5	24	SOUTHERN CALIFORNIA. ML 3.2 (GS).
	19	22	59	06.5&	34.366	N	118.694	W	11				10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.5 (GS).
	19	23	06	48.5&	34.372	N	118.666	W	15				10	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 3.0 (GS).
	19	23	40	47.7%	14.565	N	90.992	W	10	G		0.6	12	GUATEMALA. MD 3.8 (GCG).
	19	23	59	53.6&	34.365	N	118.697	W	10				38	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.5 (GS).
	20	00	08	43.1%	44.351	N	7.342	E	5	G		0.4	5	NORTHERN ITALY. ML 2.0 (GEN).
	20	00	31	31.3*	41.723	N	14.090	E	10	G		1.2	20	SOUTHERN ITALY. MD 3.2 (ROM).
	20	00	55	00.2*	24.724	N	124.978	E	62	?	4.3	1.6	19	SOUTHWESTERN RYUKYU ISLANDS
	20	00	57	56.8*	38.003	N	103.991	E	10	G	4.5	1.6	6	GANSU, CHINA. ML 4.0 (BJI).
	20	01	32	41.8*	17.898	N	62.331	W	10	G		0.2	9	LEEWARD ISLANDS. ML 3.8 (FDF). MD 3.4 (TRN).
	20	01	38	14.3	11.878	S	74.337	W	111	D	4.5	1.0	51	CENTRAL PERU. Felt (III) at Huancayo and (II) at Lima.
	20	01	41	28.8&	34.356	N	118.710	W	13				31	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.7 (GS).
	20	02	03	53.2*	36.609	N	3.357	E	10	G	3.6	1.1	22	NORTHERN ALGERIA. mbLg 3.9 (MDD).
	20	02	19	54.0&	34.305	N	118.421	W	6				10	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS), 2.8 (GS).
	20	02	22	38.9&	34.311	N	118.629	W	7				29	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 3.1 (GS).
	20	02	35	36.4&	34.260	N	118.463	W	10				28	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 3.1 (GS).
	20	04	24	17.3&	34.366	N	118.725	W	12				33	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 3.1 (GS).
	20	04	32	22.1&	34.374	N	118.610	W	11				5	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.8 (GS).
	20	04	34	25.0?	43.28	N	128.80	W	10	G		0.4	20	OFF COAST OF OREGON
	20	04	36	14.9&	34.312	N	118.510	W	2				6	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 3.0 (GS).
	20	04	52	36.2&	34.339	N	118.727	W	18				8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS), 2.8 (GS).
	20	05	15	09.5?	31.23	S	68.82	W	100	G		0.3	4	SAN JUAN PROVINCE, ARGENTINA
a	20	05	50	10.6	23.976	N	121.811	E	36	D	5.4 5.3	1.2	196	TAIWAN. Mw 5.5 (HRV). Felt (IV JMA) at Hua-lien; (III JMA) at Chia-i and I-lan; (II JMA) at Tai-chung, Tai-nan, Taipei and Tai-tung; (I JMA) at Kao-hsiung.
	20	05	58	24.5&	34.382	N	118.699	W	11				53	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.6 (PAS), 3.9 (GS).
	20	06	03	54.9&	34.993	N	119.174	W	12				28	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 3.0 (GS).
	20	06	23	45.2&	34.321	N	118.394	W	4				8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS), 2.8 (GS).
	20	06	32	38.8%	37.274	N	4.217	W	5	G		0.9	16	SPAIN. mbLg 3.3 (MDD). Felt (III) in the Zagra area.
	20	06	50	13.0*	32.730	S	71.754	W	33	N		0.8	10	NEAR COAST OF CENTRAL CHILE. MD 4.1 (SAN).
	20	06	58	27.1&	34.359	N	118.708	W	13				80	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.9 (PAS), 4.0 (GS).
	20	06	59	14.2	44.570	N	7.334	E	10	G		0.9	104	NORTHERN ITALY. MD 4.6 (STR), 4.4 (TRI), 4.2 (VIE). ML 4.0 (ROM). mbLg 4.4 (UCC).
	20	07	00	37.6&	34.359	N	118.730	W	11				33	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.4 (GS).
	20	07	05	43.0	44.556	N	7.309	E	10	G		1.0	77	NORTHERN ITALY. ML 4.3 (GEN), 3.6 (ROM). MD 3.8 (VIE).
	20	07	08	45.6%	44.550	N	7.319	E	5	G		0.3	8	NORTHERN ITALY. ML 2.4 (GEN).
	20	07	09	16.6	44.560	N	7.330	E	5	G		0.5	14	NORTHERN ITALY. ML 2.6 (GEN).
	20	07	17	49.0?	44.54	N	7.31	E	5	G		0.5	4	NORTHERN ITALY. ML 2.0 (GEN).
	20	07	22	40.4&	34.328	N	118.528	W	1				56	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.8 (PAS), 3.9 (GS).
	20	07	32	18.0%	44.557	N	7.324	E	5	G		0.3	7	NORTHERN ITALY. ML 2.2 (GEN).
	20	07	40	04.6&	67.420	N	145.962	W	14		3.7		41	NORTHERN ALASKA. <AEIC>. ML 3.9 (AEIC), 3.7 (PMR).
	20	07	46	22.2	45.902	N	15.211	E	10	G		0.9	6	NORTHWESTERN BALKAN REGION. MD 2.6 (LJU). ML 2.0 (VIE).
	20	07	48	14.9?	44.54	N	7.28	E	5	G		0.1	4	NORTHERN ITALY. ML 2.0 (GEN).
	20	08	03	13.0?	34.10	N	118.68	W	10	G		0.7	5	SOUTHERN CALIFORNIA. ML 2.6 (GS).
	20	08	05	49.6?	34.29	N	118.48	W	10	G		0.3	4	SOUTHERN CALIFORNIA. ML 2.6 (GS).
	20	08	06	32.4?	39.10	N	27.56	E	10	G		0.7	4	TURKEY. ML 2.8 (ISK).
	20	08	36	07.0	5.628	S	130.882	E	56	D	5.1	1.2	71	BANDA SEA
	20	08	47	50.8*	37.831	N	20.603	E	26		3.9	1.1	23	IONIAN SEA. MD 3.7 (ATH). ML 3.4 (THE).
	20	08	52	03.4%	44.384	N	7.308	E	5	G		0.3	5	NORTHERN ITALY. ML 2.0 (GEN).
	20	08	58	07.7&	34.305	N	118.508	W	2				44	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.6 (GS).
a	20	09	06	52.7	6.002	S	77.052	W	123	G	5.8	0.9	391	NORTHERN PERU. Mw 5.8 (GS), 5.7 (HRV). MD 6.0 (QUI). mb 5.9 (BRK). Felt (IV) at Tarapoto and (III) at Moyobamba and Chachapoyas. Depth from broadband displacement seismograms.
	20	09	44	36.0%	37.289	N	4.195	W	5	G		0.8	8	SPAIN. mbLg 2.6 (MDD).
	20	09	51	04.4*	38.138	N	104.096	E	10	G	4.3	1.1	8	WESTERN NEI MONGOL, CHINA. ML 3.7 (BJI).

	20	09 57 32.7&	34.356	N	118.559	W	6				11	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS), 2.8 (GS).
	20	10 07 09.4&	34.285	N	118.515	W	10				7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.8 (GS).
	20	10 37 15.3?	39.19	N	27.69	E	10	G		0.1	4	TURKEY. ML 2.8 (ISK).
	20	11 06 20.0&	34.376	N	118.519	W	0				31	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 3.0 (GS).
	20	11 28 59.9	44.559	N	7.333	E	10	G		0.4	21	NORTHERN ITALY. ML 3.0 (GEN), 2.5 (STR).
	20	11 36 16.2&	34.304	N	118.438	W	8				12	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.7 (GS).
	20	11 37 18.0&	34.313	N	118.425	W	4				29	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.5 (GS).
	20	11 38 35.8	44.559	N	7.329	E	10	G		0.4	21	NORTHERN ITALY. ML 3.0 (GEN), 2.3 (STR).
	20	11 42 00.4%	44.541	N	7.319	E	5	G		0.4	7	NORTHERN ITALY. ML 1.9 (GEN).
	20	11 42 51.3%	44.550	N	7.311	E	5	G		0.4	8	NORTHERN ITALY. ML 2.5 (GEN).
	20	11 43 47.6?	44.55	N	7.30	E	5	G		0.3	4	NORTHERN ITALY. ML 1.7 (GEN).
	20	12 08 18.1&	67.463	N	145.758	W	35				37	NORTHERN ALASKA. <AEIC>. ML 3.5 (AEIC), 4.1 (PMR).
	20	12 26 22.8&	34.305	N	118.441	W	7				42	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.7 (GS).
	20	12 49 36.0?	44.81	N	6.73	E	10	G		0.1	4	FRANCE. ML 2.0 (GEN).
	20	13 00 49.0%	39.620	N	29.453	E	10	G		0.9	6	TURKEY. ML 2.7 (ISK).
	20	13 09 13.6?	31.26	S	68.50	W	33	N		0.2	4	SAN JUAN PROVINCE, ARGENTINA
	20	13 13 57.9*	3.011	S	80.506	W	33	N	4.3	1.2	17	PERU-ECUADOR BORDER REGION
	20	13 20 10.2?	26.90	S	26.82	E	5	G		0.2	4	REPUBLIC OF SOUTH AFRICA
	20	13 27 55.7&	62.102	N	155.411	W	2				42	CENTRAL ALASKA. <AEIC>. ML 2.9 (AEIC), 3.2 (PMR).
	20	13 56 45.7&	34.367	N	118.708	W	8				40	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.3 (GS).
	20	14 02 18.3%	15.579	N	121.173	E	33	N		1.3	5	LUZON, PHILIPPINE ISLANDS
	20	14 11 08.5%	41.353	N	24.301	E	5	G		0.4	6	GREECE-BULGARIA BORDER REGION. ML 2.2 (THE).
	20	14 17 30.5%	44.263	N	8.219	E	5	G		0.5	7	NORTHERN ITALY. ML 1.8 (GEN).
	20	14 19 14.1&	34.369	N	118.525	W	0				62	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.6 (GS).
	20	14 42 16.4%	39.948	N	24.403	E	5	G		1.0	7	AEGEAN SEA
	20	15 05 34.2&	34.314	N	118.436	W	6				32	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 3.1 (GS).
	20	15 23 56.7?	26.44	S	27.26	E	5	G		0.1	4	REPUBLIC OF SOUTH AFRICA
	20	15 32 19.2?	39.64	N	29.45	E	5	G		0.2	4	TURKEY. ML 2.5 (ISK).
	20	15 38 39.4%	26.343	S	27.485	E	5	G		0.3	5	REPUBLIC OF SOUTH AFRICA. ML 2.4 (PRE).
	20	15 42 33.2&	40.496	N	124.828	W	23		4.1		94	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 4.2 (GM). ML 4.6 (BRK), 4.2 (GS). Felt (IV) at Ferndale, Fortuna, Loleta and Petrolia; (III) at Redcrest, Rio Dell, Samoa and Weott; (II) at Arcata, Carlotta and Myers Flat. Also felt at Eureka, Garberville, Honeydew and McKinleyville.
	20	15 56 42.3	44.554	N	7.322	E	5	G		0.2	17	NORTHERN ITALY. ML 2.3 (GEN), 1.8 (STR).
	20	16 22 26.5?	44.46	N	7.28	E	5	G		0.0	4	NORTHERN ITALY. ML 1.7 (GEN).
	20	16 37 41.6&	34.252	N	118.464	W	11				33	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 3.3 (GS).
	20	16 41 56.1&	34.367	N	118.464	W	1				8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.8 (GS).
	20	17 18 08.3?	39.56	N	19.88	E	5	G		1.1	7	GREECE-ALBANIA BORDER REGION. ML 2.7 (THE).
	20	17 29 28.1%	44.549	N	7.312	E	5	G		0.4	7	NORTHERN ITALY. ML 2.0 (GEN).
	20	17 36 40.6&	34.214	N	118.610	W	14				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 3.0 (GS).
	20	17 38 42.6*	24.078	N	121.739	E	33	N	4.3	1.5	16	TAIWAN. ML 4.0 (BJI).
	20	17 49 11.8&	42.273	N	121.908	W	8				18	OREGON. <SEA-P>. MD 2.9 (SEA). ML 2.9 (GS).
	20	18 10 40.8&	34.300	N	118.437	W	5				8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS), 2.7 (GS).
	20	18 48 07.4&	34.375	N	118.514	W	0				40	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.5 (GS).
	20	18 56 01.3&	34.321	N	118.426	W	6				20	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 3.2 (GS).
	20	19 37 46.6&	34.387	N	118.633	W	2				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS), 2.7 (GS).
	20	19 50 20.2?	43.47	N	128.06	W	10	G		0.4	27	OFF COAST OF OREGON
	20	20 28 03.3?	32.52	S	71.74	W	33	N		0.9	14	NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN).
	20	20 42 24.8&	34.285	N	118.564	W	10				27	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 3.0 (GS).
	20	20 45 29.2&	34.287	N	118.555	W	11				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS), 2.7 (GS).
	20	20 48 39.1&	34.245	N	118.596	W	21				26	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 3.2 (GS).
	20	21 34 06.0	44.561	N	7.326	E	10	G		0.4	20	NORTHERN ITALY. ML 2.6 (GEN), 2.1 (STR).
	20	21 49 30.7*	24.014	S	66.746	W	207	*	4.3	1.2	11	SALTA PROVINCE, ARGENTINA
	20	22 04 44.5&	34.256	N	118.461	W	11				40	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.7 (GS).
	20	22 38 18.0%	34.196	S	70.534	W	110	G		0.1	11	CHILE-ARGENTINA BORDER REGION. MD 3.8 (SAN).
	20	22 40 17.1%	32.529	S	71.701	W	33	N		0.9	12	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	20	22 41 01.7&	42.311	N	121.939	W	6				18	OREGON. <SEA-P>. MD 2.8 (SEA).
	20	22 41 22.0	44.560	N	7.320	E	10	G		0.3	18	NORTHERN ITALY. ML 2.7 (GEN).
	20	22 49 58.5%	11.374	N	60.422	W	33	N		0.6	9	WINDWARD ISLANDS. MD 3.6 (TRN).
	20	22 50 42.5?	32.33	S	71.77	W	10	G		0.8	10	NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
a	20	23 04 36.4*	3.877	S	11.976	W	10	G	5.0 4.9	0.9	42	NORTH OF ASCENSION ISLAND. Mw 5.3 (HRV).
	20	23 12 42.7?	41.77	N	70.26	E	33	N	4.5	0.9	13	KYRGYZSTAN
	20	23 30 41.8*	25.170	N	93.513	E	33	N	4.7	1.5	10	NORTHEASTERN INDIA. Felt in the Silchar area.
	21	00 07 29.2&	34.365	N	118.538	W	0				39	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.5 (GS).
	21	00 09 05.9&	34.299	N	118.466	W	10				27	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 3.2 (GS).
	21	00 29 50.0?	31.84	S	71.64	W	40	G		0.3	10	NEAR COAST OF CENTRAL CHILE. MD 3.5 (SAN).
	21	00 38 36.5&	34.308	N	118.429	W	8				8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS), 2.7 (GS).
	21	01 00 00.5%	38.765	N	27.354	E	5	G		0.4	5	TURKEY. ML 2.8 (ISK).
	21	01 21 47.1&	34.299	N	118.439	W	3				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS), 2.7 (GS).
	21	01 28 08.1%	36.575	N	2.824	W	5	G		1.1	7	STRAIT OF GIBRALTAR. mbLg 3.0 (MDD).
	21	01 35 05.8&	34.297	N	118.430	W	6				37	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 3.4 (GS).
	21	02 04 44.1&	34.381	N	118.505	W	0				33	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 3.2 (GS).
	21	02 06 02.4&	34.376	N	118.510	W	1				21	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 3.0 (GS).
	21	02 16 54.1%	44.543	N	7.298	E	5	G		0.4	7	NORTHERN ITALY. ML 2.0 (GEN).
f	21	02 24 29.9	1.015	N	127.733	E	20	G	6.2 7.2	1.2	260	HALMAHERA, INDONESIA. Mw 7.0 (GS), 7.0 (HRV). Ms 7.3 (BRK). Mo=2.0*10**19 Nm (OBN), 8.4*10**19 Nm (PPT). Seven people killed, 40 injured and 550 houses damaged in the Kau area. Felt strongly at Ternate. Depth from broadband displacement seismograms.
	21	02 50 16.0?	0.85	N	127.68	E	33	N	5.0	1.5	9	HALMAHERA, INDONESIA
	21	03 06 09.6	38.384	N	22.090	E	5	G		0.8	9	GREECE. ML 2.8 (THE). MD 3.0 (ATH).
	21	03 13 03.1&	34.373	N	118.457	W	6				8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS), 2.6 (GS).
	21	03 35 48.0&	34.324	N	118.513	W	2				30	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 3.1 (GS).
	21	03 47 09.2*	34.254	N	118.568	W	10	G		0.2	5	SOUTHERN CALIFORNIA. ML 2.6 (GS).
	21	03 52 13.5%	37.241	N	4.208	W	10	G		0.5	5	SPAIN. mbLg 2.5 (MDD).
	21	04 14 37.8	42.245	N	122.028	W	5	G	2.7	0.8	19	OREGON. ML 3.1 (GS), 3.3 (BRK).
	21	04 55 38.3&	34.343	N	118.629	W	15				8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS), 2.7 (GS).
	21	05 06 55.8?	37.21	N	4.19	W	10	G		0.1	4	SPAIN. mbLg 2.2 (MDD).
	21	05 08 52.3?	31.38	S	68.60	W	100	G		0.9	4	SAN JUAN PROVINCE, ARGENTINA
	21	05 12 57.1	44.261	N	8.249	E	10			0.5	16	NORTHERN ITALY. ML 2.3 (GEN).
	21	05 15 37.3%	44.235	N	8.247	E	10	G		0.3	7	NORTHERN ITALY. ML 1.9 (GEN).

	21	05	20	45.0?	1.08	N	128.02	E	33	N	4.4	1.4	7	HALMAHERA, INDONESIA
	21	05	21	17.2&	67.382	N	145.882	W	16				42	NORTHERN ALASKA. <AEIC>. ML 3.6 (AEIC), 3.6 (PMR).
	21	05	21	20.5?	38.27	N	26.72	E	33	N		0.5	4	AEGEAN SEA. ML 3.2 (ISK).
	21	05	29	20.5&	34.351	N	118.560	W	14				34	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 3.3 (GS).
	21	05	45	57.6%	37.234	N	4.223	W	10	G		0.7	5	SPAIN. mbLg 2.4 (MDD).
	21	05	49	56.6&	34.283	N	118.578	W	5				24	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS), 3.1 (GS).
	21	05	56	04.8&	34.272	N	118.650	W	12				39	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.5 (GS).
	21	06	18	50.7	44.253	N	8.236	E	10	G		0.3	14	NORTHERN ITALY. ML 2.3 (GEN).
	21	06	57	14.6%	44.270	N	8.222	E	5	G		0.5	5	NORTHERN ITALY. ML 1.6 (GEN).
	21	07	37	09.1*	1.420	S	139.786	E	33	N	4.1	1.0	5	NEAR NORTH COAST OF IRIAN JAYA
	21	07	53	54.2&	34.356	N	118.519	W	4				13	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.9 (GS).
	21	08	05	44.2?	40.29	N	27.34	E	10	G		0.5	5	TURKEY. ML 3.0 (ISK).
	21	08	35	50.5?	43.33	N	128.72	W	10	G		0.2	18	OFF COAST OF OREGON
	21	08	40	17.2&	34.358	N	118.680	W	14				32	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 3.0 (GS).
	21	08	40	41.4&	34.357	N	118.740	W	8				7	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 3.1 (GS).
	21	09	17	19.8?	39.14	N	27.51	E	10	G		1.3	4	TURKEY. ML 2.8 (ISK).
	21	09	35	50.0%	44.364	N	7.337	E	10	G		0.2	5	NORTHERN ITALY. ML 1.6 (GEN).
	21	10	11	36.3	7.371	S	144.705	E	10	G	4.6	0.8	24	NEAR S COAST OF NEW GUINEA, PNG.
	21	10	12	19.6	40.721	N	29.833	E	5	G		0.4	10	TURKEY. ML 2.9 (ISK).
	21	10	16	26.6	49.156	N	6.934	E	10	G		0.9	12	GERMANY. ML 2.5 (STR), 2.2 (UCC).
	21	10	43	59.6&	34.377	N	118.637	W	12				7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.8 (GS).
	21	10	45	42.1&	34.378	N	118.593	W	6				8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS), 2.6 (GS).
	21	10	50	21.9%	39.650	N	29.463	E	10	G		1.1	5	TURKEY. ML 2.5 (ISK).
	21	11	14	48.2&	34.279	N	118.538	W	13				11	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS), 2.7 (GS).
	21	11	31	17.0&	34.367	N	118.608	W	13				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS), 2.8 (GS).
	21	12	33	35.9?	41.38	N	22.51	E	10	G		0.7	7	NORTHWESTERN BALKAN REGION. ML 2.3 (THE).
	21	12	34	54.0	41.034	N	22.767	E	10	G		0.6	7	NORTHWESTERN BALKAN REGION. ML 1.8 (THE).
	21	12	43	53.7&	34.372	N	118.491	W	3				33	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 3.1 (GS).
	21	12	47	06.6&	34.367	N	118.666	W	13				7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS), 2.7 (GS).
	21	12	56	09.0*	14.572	N	92.453	W	69		4.2	1.0	28	NEAR COAST OF CHIAPAS, MEXICO
	21	13	09	14.2*	34.315	N	118.520	W	10	G		1.4	7	SOUTHERN CALIFORNIA. ML 2.8 (GS).
	21	13	12	08.9*	24.559	N	123.710	E	10	G	4.2	1.1	8	SOUTHWESTERN RYUKYU ISLANDS
	21	13	22	14.9&	34.273	N	118.593	W	18				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.9 (GS).
	21	13	47	42.4?	1.15	N	127.51	E	33	N	4.5	1.2	9	HALMAHERA, INDONESIA
	21	13	52	51.2?	16.13	N	122.80	E	10	G		1.4	4	LUZON, PHILIPPINE ISLANDS
	21	14	10	57.4	38.743	N	27.392	E	10	G		1.0	8	TURKEY. ML 3.6 (ISK). MD 3.5 (ATH).
	21	14	26	31.7	33.465	N	92.310	E	40	*	4.7 4.5	1.3	38	QINGHAI, CHINA
	21	14	50	44.6	51.598	N	16.254	E	10	G		0.4	14	POLAND. ML 3.9 (VIE).
	21	14	50	49.3&	59.277	N	152.717	W	78				54	SOUTHERN ALASKA. <AEIC>.
	21	15	13	26.5&	41.549	N	121.882	W	5				4	NORTHERN CALIFORNIA. <GM-P>. MD 2.7 (GM).
	21	17	03	55.7?	31.50	S	69.50	W	33	N		1.0	5	SAN JUAN PROVINCE, ARGENTINA
	21	17	23	24.3&	59.272	N	137.662	W	0				13	SOUTHEASTERN ALASKA. <AEIC>. ML 2.6 (AEIC).
	21	17	38	46.8%	18.102	N	66.951	W	33	N		1.9	5	PUERTO RICO REGION
a	21	18	00	17.6	4.859	S	103.664	E	90	G	6.1	0.9	447	SOUTHERN SUMATERA, INDONESIA. Mw 5.9 (GS), 6.0 (HRV). Mo=2.0*10**18 Nm (PPT). Depth from broadband displacement seismograms.
	21	18	14	40.5*	0.880	N	127.552	E	33	N	5.0	0.8	14	HALMAHERA, INDONESIA
	21	18	23	29.4*	0.913	N	127.743	E	33	N	4.6	0.6	13	HALMAHERA, INDONESIA
	21	18	32	28.4	32.841	N	5.242	W	12			0.9	9	MOROCCO. MG 3.7 (RTC).
	21	18	39	15.2&	34.300	N	118.466	W	11		4.4		51	SOUTHERN CALIFORNIA. <PAS-P>. MD 4.6 (PAS). ML 4.7 (GS), 4.7 (BRK). Mo=6.2*10**15 Nm (BRK). Double event Felt strongly in the epicentral area.
	21	18	42	28.7&	34.310	N	118.474	W	8				22	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.1 (PAS), 4.2 (BRK), 4.3 (GS). Felt.
	21	18	49	47.0?	19.67	N	64.43	W	10	G	4.0	0.2	7	VIRGIN ISLANDS
	21	18	52	44.2&	34.301	N	118.452	W	8				33	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.3 (PAS), 4.3 (GS). Felt.
	21	18	53	44.5&	34.297	N	118.458	W	8				12	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.3 (PAS), 4.3 (GS).
	21	18	57	19.3&	34.292	N	118.474	W	9				12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.7 (PAS), 3.7 (GS).
	21	19	00	39.4*	34.256	N	118.579	W	10	G		0.5	5	SOUTHERN CALIFORNIA. ML 3.1 (GS).
	21	19	14	20.8&	34.334	N	118.637	W	15				18	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.4 (GS).
	21	19	23	55.6?	19.71	N	64.49	W	10	G	3.9	0.1	6	VIRGIN ISLANDS
	21	19	27	37.9&	34.296	N	118.461	W	7				10	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.8 (GS).
	21	19	37	42.3&	34.295	N	118.463	W	7				8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS), 2.7 (GS).
	21	19	46	37.7&	34.296	N	118.469	W	11				11	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS), 2.8 (GS).
	21	20	05	22.9	41.057	N	20.955	E	4		4.3	0.9	35	ALBANIA. MD 3.8 (ATH). ML 3.7 (TTG). Felt (V) in the Ohrid-Resen area and (IV) at Struga, former Yugoslav Republic of Macedonia.
	21	20	12	16.7&	34.296	N	118.454	W	7				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS), 2.6 (GS).
	21	20	24	43.3%	44.532	N	7.278	E	10	G		0.2	12	NORTHERN ITALY. ML 2.1 (GEN).
	21	20	32	06.7*	43.957	N	148.117	E	33	N	3.9	1.3	13	EAST OF KURIL ISLANDS
	21	20	42	05.5*	47.121	N	6.052	E	10	G		1.3	6	FRANCE
	21	20	57	51.4&	34.297	N	118.440	W	7				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS), 2.7 (GS).
	21	20	58	38.7&	59.821	N	152.260	W	90		3.4		95	SOUTHERN ALASKA. <AEIC>.
	21	21	02	54.5&	34.331	N	118.637	W	5				14	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 3.1 (GS).
	21	21	26	27.7&	34.286	N	118.418	W	6				18	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.4 (GS).
	21	21	27	19.6	38.338	N	21.812	E	10	G		0.9	8	GREECE. ML 2.8 (THE).
	21	22	22	51.7&	34.387	N	118.640	W	8				10	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS), 2.7 (GS).
	21	22	48	17.4	42.058	N	16.202	E	5	G		1.0	24	ADRIATIC SEA. MD 3.9 (ATH), 3.9 (TRI). ML 3.6 (TTG).
	21	23	27	33.1	44.560	N	7.332	E	10			0.5	21	NORTHERN ITALY. ML 3.3 (GEN).
	21	23	32	42.7%	44.543	N	7.282	E	10	G		0.4	8	NORTHERN ITALY. ML 1.9 (GEN).
	22	00	16	36.2&	34.364	N	118.474	W	2				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS), 2.8 (GS).
	22	00	19	53.8?	43.85	N	128.00	W	10	G		0.4	25	OFF COAST OF OREGON
	22	01	11	08.3?	1.93	N	82.94	W	98	?	3.5	0.6	7	OFF COAST OF ECUADOR
	22	01	29	41.9	44.551	N	7.317	E	10			0.3	20	NORTHERN ITALY. ML 2.6 (GEN).
	22	01	49	37.8&	34.302	N	118.663	W	5				7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS), 2.8 (GS).
	22	02	18	58.7&	34.212	N	118.522	W	21				10	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 3.0 (GS).
	22	02	23	13.2?	28.68	N	34.70	E	10	G		0.2	4	EGYPT
	22	02	58	47.8?	31.61	S	69.56	W	120	G		0.5	5	SAN JUAN PROVINCE, ARGENTINA
	22	03	00	20.4%	36.664	N	2.997	W	10	G		1.0	6	STRAIT OF GIBRALTAR
	22	03	34	10.3&	34.351	N	118.490	W	1				18	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 3.4 (GS).
	22	03	37	19.5?	19.33	N	66.11	W	10	G		0.4	7	PUERTO RICO REGION
	22	03	55	37.3&	34.316	N	118.433	W	6				11	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS), 2.8 (GS).

	22	04	10	10.7	0.809	N	127.537	E	33	N	5.0		0.9	26	HALMAHERA, INDONESIA
	22	05	37	01.1*	17.692	S	167.904	E	33	N	5.0	4.9	1.2	41	VANUATU ISLANDS
	22	05	41	54.7&	34.257	N	118.510	W	15					10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 3.0 (GS).
	22	05	42	11.6%	18.536	N	66.250	W	10	G			0.7	7	PUERTO RICO REGION
	22	06	15	26.1*	62.106	S	56.121	W	10	G	5.1	5.3	1.0	22	SOUTH SHETLAND ISLANDS
	22	06	16	16.3*	17.530	S	167.936	E	33	N	4.8		1.1	12	VANUATU ISLANDS
	22	07	23	33.9%	36.743	N	3.003	W	10	G			1.0	8	STRAIT OF GIBRALTAR
	22	07	48	45.2	40.773	N	27.493	E	10	G			0.6	19	TURKEY. ML 4.0 (THE), 3.5 (ISK).
	22	07	55	26.9	45.986	N	14.336	E	10	G			0.3	8	NORTHWESTERN BALKAN REGION. MD 2.0 (TRI). ML 1.9 (VIE), 1.8 (LJU). Felt in the Log area, Slovenia.
	22	07	57	51.5&	59.791	N	153.541	W	133					80	SOUTHERN ALASKA. <AEIC>.
	22	08	46	55.4?	16.41	N	95.07	W	148	?			1.3	5	OAXACA, MEXICO
	22	09	03	49.7&	34.361	N	118.555	W	4					19	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 3.5 (GS).
	22	09	45	46.4&	34.275	N	118.458	W	8					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.6 (GS).
	22	09	55	03.6&	61.272	N	146.638	W	28					70	SOUTHERN ALASKA. <AEIC>. ML 3.2 (AEIC), 3.4 (PMR).
	22	09	58	24.7	44.557	N	7.330	E	5	G			0.3	12	NORTHERN ITALY. ML 2.4 (GEN).
	22	10	07	39.5&	63.522	N	150.664	W	16					58	CENTRAL ALASKA. <AEIC>. ML 2.9 (AEIC), 3.3 (PMR).
	22	10	36	38.2&	60.244	N	152.670	W	105		2.7			49	SOUTHERN ALASKA. <AEIC>.
	22	10	41	08.7	24.562	S	67.682	W	129		4.4		1.1	42	CHILE-ARGENTINA BORDER REGION
	22	10	52	44.2*	35.366	N	22.927	E	10	G			1.4	13	CENTRAL MEDITERRANEAN SEA. MD 3.8 (ATH). ML 3.5 (THE).
	22	11	17	58.0	7.796	N	126.514	E	59		4.8		1.1	51	MINDANAO, PHILIPPINE ISLANDS. Felt (III RF) at Bislig.
	22	12	28	44.8	39.541	N	28.213	E	10	G			0.5	9	TURKEY. ML 3.1 (ISK).
	22	12	47	07.4%	36.747	N	2.807	W	10	G			0.8	5	STRAIT OF GIBRALTAR. mbLg 3.0 (MDD).
	22	12	50	12.1*	0.856	N	127.517	E	33	N	4.6		1.0	19	HALMAHERA, INDONESIA
	22	13	09	55.4%	43.072	N	0.710	W	10	G			0.3	6	PYRENEES. ML 1.0 (STR).
	22	13	49	51.8&	34.315	N	118.518	W	2					11	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 3.1 (GS).
	22	14	36	17.6*	2.459	N	125.577	E	33	N	4.4		0.9	10	TALAUD ISLANDS, INDONESIA
	22	14	43	10.1&	34.395	N	118.576	W	8					10	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS), 2.9 (GS).
	22	15	20	24.6?	30.08	S	69.86	W	120	G			0.2	5	CHILE-ARGENTINA BORDER REGION
	22	15	24	33.3	53.339	N	170.391	W	172	D	4.7		1.0	113	FOX ISLANDS, ALEUTIAN ISLANDS
	22	15	41	11.8&	34.386	N	118.531	W	0					7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS), 2.7 (GS).
	22	15	49	02.4%	37.126	N	29.705	E	10	G			0.4	5	TURKEY. ML 3.4 (ISK).
	22	16	32	48.4	39.183	N	20.601	E	5	G			1.0	16	GREECE-ALBANIA BORDER REGION. ML 3.2 (THE).
	22	16	35	46.1?	19.72	N	64.47	W	10	G	3.8		0.3	6	VIRGIN ISLANDS
	22	20	20	49.4*	47.408	N	6.717	E	10	G			1.4	9	FRANCE. ML 2.2 (STR).
	22	22	40	12.6	41.009	N	20.276	E	10	G			1.0	13	ALBANIA. ML 2.6 (TTG).
	22	23	14	54.8&	34.314	N	118.411	W	5					23	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.8 (GS).
	22	23	36	24.0&	34.255	N	118.458	W	10					14	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 3.1 (GS).
	22	23	52	59.4	0.998	N	127.770	E	33	N	4.9		0.9	32	HALMAHERA, INDONESIA
	23	00	03	21.8?	0.88	N	126.00	E	102	?	4.4		1.3	8	NORTHERN MOLUCCA SEA
	23	00	09	09.4%	40.734	N	22.774	E	5	G			0.4	6	GREECE. ML 1.8 (THE).
a	23	00	20	43.4*	60.733	S	154.360	E	10	G	4.6	5.1	1.4	19	WEST OF MACQUARIE ISLAND. Mw 5.6 (HRV).
	23	00	30	45.8&	34.309	N	118.663	W	3					10	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.5 (PAS), 2.8 (GS).
	23	01	04	57.9	57.587	N	143.006	W	10	G	2.8		0.7	46	GULF OF ALASKA. ML 2.9 (AEIC).
	23	01	38	00.4*	27.386	S	69.132	W	120	G			0.5	6	NORTHERN CHILE
	23	01	40	16.0?	1.14	N	128.08	E	33	N	4.7		0.9	8	HALMAHERA, INDONESIA
	23	01	58	39.7	30.003	N	95.753	E	33	N	4.6		1.0	24	XIZANG. ML 4.3 (BJI).
	23	02	48	46.8&	34.337	N	118.516	W	6					17	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 3.6 (GS).
	23	02	51	22.5?	42.15	N	85.06	E	33	N	4.0		1.4	7	NORTHERN XINJIANG, CHINA. ML 4.4 (BJI).
	23	04	00	55.2&	34.302	N	118.459	W	7					13	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 3.0 (GS).
	23	04	47	03.0?	19.47	N	65.57	W	10	G			0.5	6	PUERTO RICO REGION
	23	04	58	10.6&	34.288	N	118.536	W	9					11	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.5 (PAS), 2.8 (GS).
	23	05	17	31.2	34.244	N	118.554	W	10	G			0.7	8	SOUTHERN CALIFORNIA. ML 2.7 (GS).
	23	05	19	16.8?	31.56	S	68.58	W	109	?			0.3	5	SAN JUAN PROVINCE, ARGENTINA
	23	05	35	26.5?	40.75	N	30.04	E	10	G			0.9	4	TURKEY. ML 2.4 (ISK).
	23	06	43	45.5	36.321	N	140.100	E	86		4.4		1.3	28	NEAR EAST COAST OF HONSHU, JAPAN. Felt (III JMA) at Nikko and (II JMA) at Kumagaya, Mito, Tokyo and Utsunomiya.
	23	06	57	41.2&	34.379	N	118.695	W	12					16	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 3.4 (GS).
	23	08	04	26.5&	34.300	N	118.456	W	8					8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS), 2.7 (GS).
	23	08	13	42.2	42.604	N	18.913	E	10	G			0.5	11	NORTHWESTERN BALKAN REGION. ML 2.7 (TTG).
	23	08	39	45.4&	34.367	N	118.535	W	3					11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 3.3 (GS).
	23	08	41	41.7&	34.291	N	118.461	W	8					28	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.8 (PAS), 4.0 (GS).
	23	08	55	08.6&	34.299	N	118.428	W	6	G	4.0			45	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.1 (PAS), 4.2 (GS), 4.2 (BRK).
	23	08	57	23.6?	19.25	N	66.10	W	10	G			0.6	6	PUERTO RICO REGION
	23	09	08	49.3?	39.66	N	27.61	E	5	G			1.4	4	TURKEY. ML 3.1 (ISK).
	23	09	10	46.7	44.561	N	7.309	E	10				0.3	20	NORTHERN ITALY. ML 2.8 (GEN).
	23	09	14	50.9&	34.278	N	118.604	W	8					7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS), 2.7 (GS).
	23	09	19	20.4?	31.94	S	68.11	W	33	N			0.9	4	SAN JUAN PROVINCE, ARGENTINA
	23	09	28	14.3&	36.545	N	121.126	W	5					10	CENTRAL CALIFORNIA. <GM-P>. MD 2.9 (GM).
	23	09	30	41.1&	34.360	N	118.516	W	1					8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 3.0 (GS).
	23	09	53	09.0?	44.07	N	148.80	E	33	N	3.9		1.4	7	KURIL ISLANDS
	23	09	55	02.0*	44.675	N	14.067	E	10	G			0.8	7	ADRIATIC SEA. MD 2.5 (TRI). ML 2.5 (VIE), 2.2 (LJU).
	23	10	17	46.9?	1.06	N	127.57	E	95	?	4.6		0.7	14	HALMAHERA, INDONESIA
	23	10	42	28.8?	37.26	N	3.20	W	10	G			0.3	4	SPAIN. mbLg 2.3 (MDD).
	23	11	16	16.2?	30.25	S	68.32	W	10	G			0.4	4	SAN JUAN PROVINCE, ARGENTINA
	23	11	50	47.5*	16.686	N	95.334	W	127	?	3.9		1.4	10	OAXACA, MEXICO
	23	12	03	58.7%	28.028	S	26.926	E	5	G			0.3	6	REPUBLIC OF SOUTH AFRICA. ML 2.6 (PRE).
	23	12	24	09.8&	59.718	N	153.510	W	126					56	SOUTHERN ALASKA. <AEIC>.
	23	12	49	37.1?	1.14	N	128.31	E	15	D	4.4		0.9	7	HALMAHERA, INDONESIA
	23	13	55	08.8*	51.227	N	178.018	E	33	N	4.4		0.9	29	RAT ISLANDS, ALEUTIAN ISLANDS. ML 5.0 (PMR).
	23	14	05	31.8&	34.321	N	118.527	W	2					15	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 3.4 (GS).
	23	14	08	13.8%	40.696	N	22.746	E	10	G			0.2	5	GREECE. ML 1.8 (THE).
	23	14	17	46.6&	62.631	N	149.895	W	71					86	CENTRAL ALASKA. <AEIC>.
	23	14	20	24.0?	36.47	N	2.80	W	10	G			1.3	6	STRAIT OF GIBRALTAR
	23	14	30	07.4&	34.335	N	118.629	W	10					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS), 2.7 (GS).
	23	14	52	37.5&	34.280	N	118.524	W	8					16	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.5 (GS). Double event.
	23	15	05	35.3*	9.858	N	61.972	W	33	N			0.5	7	NEAR COAST OF VENEZUELA. MD 3.8 (TRN).
	23	15	24	58.5	45.110	N	10.767	E	10	G			1.4	18	NORTHERN ITALY. MD 3.1 (TRI). ML 3.2 (VIE).
	23	15	34	53.0	40.533	N	23.703	E	5	G			0.9	7	GREECE. ML 2.2 (THE).
	23	15	59	04.2&	34.259	N	118.609	W	2					14	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.3 (GS).

	23	16 10 20.7%	40.048	N	0.662	W	10	G			0.6	5	SPAIN. mbLg 2.6 (MDD).
	23	16 53 53.9	21.420	N	143.123	E	315	D	4.7		0.9	117	MARIANA ISLANDS REGION
	23	17 23 35.4%	40.667	N	23.135	E	5	G			0.4	6	GREECE. ML 2.0 (THE).
	23	19 34 52.2?	31.49	S	68.87	W	100	G			0.3	4	SAN JUAN PROVINCE, ARGENTINA
	23	20 17 54.8?	31.31	S	69.12	W	120	G			0.5	5	SAN JUAN PROVINCE, ARGENTINA
	23	20 29 47.6&	40.309	N	124.471	W	8					6	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 2.9 (GM).
	23	21 12 47.5	40.401	N	19.680	E	10	G			0.8	12	ALBANIA. MD 3.1 (ATH).
	23	21 22 44.3%	27.843	S	26.660	E	5	G			0.8	10	REPUBLIC OF SOUTH AFRICA. ML 3.3 (PRE).
	23	21 32 07.7*	11.899	N	43.713	W	10	G	4.5		1.0	13	NORTHERN MID-ATLANTIC RIDGE
	23	21 37 33.8%	40.610	N	28.725	E	5	G			0.4	5	TURKEY. ML 2.6 (ISK).
	23	21 38 47.7&	61.127	N	152.239	W	117					63	SOUTHERN ALASKA. <AEIC>.
	23	21 56 32.3%	40.593	N	28.706	E	5	G			1.1	5	TURKEY. ML 2.5 (ISK).
	23	22 51 05.2*	2.643	N	128.838	E	140	G	4.7		0.7	12	HALMAHERA, INDONESIA
	23	23 37 22.9&	34.297	N	118.424	W	7					12	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.9 (GS).
	24	00 01 04.1?	22.91	S	66.26	W	243	?	3.6		0.8	7	JUJUY PROVINCE, ARGENTINA
	24	00 01 34.9	34.107	N	34.640	E	10	G			0.7	12	CYPRUS REGION. ML 3.4 (BHL).
	24	00 31 57.0	44.556	N	7.302	E	10	G			0.3	15	NORTHERN ITALY. ML 2.3 (GEN).
	24	00 55 29.0?	13.39	N	120.74	E	33	N	4.6		0.6	5	MINDORO, PHILIPPINE ISLANDS
	24	01 10 31.6?	32.71	S	67.46	W	10	G			0.8	6	MENDOZA PROVINCE, ARGENTINA
	24	01 24 50.4&	34.569	N	116.456	W	0					7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS), 2.1 (GS).
	24	02 31 45.3*	28.941	N	128.134	E	55	?	4.1		1.0	11	RYUKYU ISLANDS
	24	02 41 02.6&	34.252	N	118.475	W	13					25	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.6 (PAS), 3.8 (GS).
	24	03 42 46.5&	34.301	N	118.584	W	3					14	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 3.2 (GS).
	24	03 43 48.7	44.560	N	7.327	E	10	G			0.4	20	NORTHERN ITALY. ML 2.9 (GEN).
	24	03 44 23.4	31.177	S	70.105	W	12		5.0		1.4	33	CHILE-ARGENTINA BORDER REGION
	24	04 15 18.8&	34.345	N	118.552	W	7		4.3			65	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.6 (PAS), 4.7 (GS), 4.8 (BRK). Felt.
	24	04 37 18.0&	57.734	N	152.331	W	17					38	KODIAK ISLAND REGION. <AEIC>. ML 2.7 (AEIC).
	24	05 05 43.5&	57.570	N	152.298	W	29					37	KODIAK ISLAND REGION. <AEIC>. ML 2.6 (AEIC).
	24	05 18 24.2	50.415	N	90.163	E	33	N	4.8		1.4	68	RUSSIA-MONGOLIA BORDER REGION
	24	05 21 06.1%	44.282	N	7.471	E	10	G			0.4	8	NORTHERN ITALY. ML 1.9 (GEN).
	24	05 22 29.3&	34.304	N	118.414	W	10					10	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.5 (PAS), 2.7 (GS).
	24	05 31 49.1&	57.184	N	152.071	W	20					27	KODIAK ISLAND REGION. <AEIC>. ML 2.9 (AEIC).
	24	05 49 22.7?	56.44	N	152.01	W	33	N			0.8	20	KODIAK ISLAND REGION. ML 3.6 (GS).
	24	05 50 24.3&	34.359	N	118.629	W	12		4.2			49	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.3 (PAS), 4.3 (GS), 4.4 (BRK).
	24	05 54 21.0&	34.363	N	118.627	W	11		4.1			35	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.2 (PAS), 4.4 (GS), 4.4 (BRK).
	24	05 59 22.6&	34.347	N	118.622	W	11					3	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS), 2.8 (GS).
	24	06 13 10.2&	34.356	N	118.613	W	12					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS), 2.7 (GS).
	24	06 27 38.9&	34.278	N	118.482	W	12					7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS), 2.6 (GS).
	24	06 33 45.0&	34.334	N	118.469	W	5					12	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.9 (GS).
	24	06 42 48.7?	19.55	N	65.99	W	10	G			0.4	7	PUERTO RICO REGION
	24	06 59 39.7&	34.354	N	118.626	W	12					7	SOUTHERN CALIFORNIA. <PAS-P>. MD 2.5 (PAS). ML 2.7 (GS).
	24	07 02 17.8*	49.262	S	30.442	E	10	G	4.7		1.4	12	SOUTH OF AFRICA
	24	07 04 37.4&	34.302	N	118.493	W	9					11	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS), 2.7 (GS).
	24	07 56 46.3	19.118	S	69.472	W	118		4.7		1.0	22	NORTHERN CHILE. Felt (IV) at Tacna and (II) at Arequipa, Peru.
	24	08 31 05.6*	39.361	N	33.431	E	5	G			0.5	5	TURKEY. ML 3.6 (ISK).
	24	08 35 37.7%	39.632	N	29.442	E	10	G			0.5	5	TURKEY. ML 2.5 (ISK).
	24	09 13 34.5*	39.685	N	20.437	E	10	G			1.0	6	GREECE-ALBANIA BORDER REGION. ML 2.7 (THE).
	24	09 24 23.7&	34.351	N	118.453	W	5					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.5 (PAS), 2.7 (GS).
	24	09 55 54.0%	40.670	N	22.969	E	5	G			0.7	5	GREECE. ML 1.6 (THE).
	24	09 57 21.7&	57.309	N	152.215	W	21		3.1			48	KODIAK ISLAND REGION. <AEIC>. ML 3.1 (AEIC).
	24	09 58 49.5*	57.702	N	151.734	W	33	N	3.5		1.4	10	KODIAK ISLAND REGION. ML 3.4 (GS).
	24	10 11 55.8&	61.711	N	149.754	W	42					56	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
	24	10 11 57.6	43.521	N	16.490	E	10	G			0.8	13	NORTHWESTERN BALKAN REGION. MD 3.1 (TRI). ML 3.0 (TTG)
	24	10 42 49.1%	39.618	N	29.411	E	10	G			0.8	5	TURKEY. ML 2.6 (ISK).
	24	10 48 27.7&	34.351	N	118.562	W	14					19	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 3.5 (GS). Double event.
	24	11 48 52.9?	39.15	N	29.24	E	10	G			0.9	4	TURKEY. ML 2.7 (ISK).
	24	11 53 43.2?	39.63	N	29.41	E	10	G			0.6	4	TURKEY. ML 2.6 (ISK).
	24	12 23 27.2?	39.64	N	29.39	E	10	G			1.7	4	TURKEY. ML 2.6 (ISK).
	24	12 24 02.9?	36.47	N	2.84	W	10	G			0.5	5	STRAIT OF GIBRALTAR. mbLg 3.1 (MDD).
	24	12 39 10.7&	34.278	N	118.463	W	7					12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.0 (GS).
	24	13 06 39.4?	39.46	N	28.92	E	10	G			1.2	4	TURKEY. ML 2.6 (ISK).
	24	13 46 12.8%	39.646	N	29.472	E	10	G			0.4	6	TURKEY. ML 2.6 (ISK).
	24	13 47 12.3&	34.381	N	116.458	W	2					10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 3.1 (GS).
	24	13 50 28.6%	41.083	N	28.753	E	5	G			0.7	5	TURKEY. ML 2.6 (ISK).
	24	14 06 19.7%	37.266	N	3.196	W	10	G			0.3	7	SPAIN. mbLg 2.6 (MDD).
	24	14 21 44.2%	39.651	N	29.468	E	10	G			1.0	5	TURKEY. ML 2.6 (ISK).
	24	14 39 44.4%	40.385	N	28.892	E	5	G			0.9	6	TURKEY. ML 2.6 (ISK).
	24	14 56 45.9	2.845	S	141.901	E	33	*	4.9		1.2	33	NEAR N COAST OF NEW GUINEA, PNG.
	24	15 33 07.1&	58.092	N	151.723	W	11					37	KODIAK ISLAND REGION. <AEIC>. ML 2.8 (AEIC).
	24	15 51 23.9?	38.70	N	26.56	W	10	G			0.1	5	AZORES ISLANDS. Felt (III) on Terceira Island at Angra do Heroismo, Terra Cha, Ribeirinha and Santa Barbara.
	24	15 57 45.0%	44.998	N	8.184	E	33	N			1.0	10	NORTHERN ITALY. ML 2.6 (GEN).
a	24	16 11 24.1	1.005	N	127.785	E	25	D	5.1	4.6	0.9	53	HALMAHERA, INDONESIA. Mw 5.4 (HRV).
	24	16 17 36.1*	1.206	N	128.055	E	75	?	4.8	4.4	1.2	16	HALMAHERA, INDONESIA
	24	16 25 18.5?	32.02	S	68.18	W	110	G			0.2	5	MENDOZA PROVINCE, ARGENTINA
	24	16 25 48.5&	34.303	N	118.403	W	6					7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.5 (PAS), 2.7 (GS).
	24	16 34 40.8*	49.182	N	6.951	E	10	G			0.6	5	GERMANY. ML 2.0 (UCC).
	24	16 41 43.6?	2.10	S	142.08	E	33	N	4.2		1.2	7	NEAR N COAST OF NEW GUINEA, PNG.
	24	16 56 40.2*	12.395	N	142.650	E	33	N	5.0		0.9	16	SOUTH OF MARIANA ISLANDS
	24	17 21 31.0	1.078	N	127.891	E	24	D	4.9		1.1	41	HALMAHERA, INDONESIA
	24	17 52 51.3&	34.370	N	118.651	W	13					14	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.3 (GS).
	24	18 05 59.9&	34.368	N	118.654	W	13					18	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.4 (GS).
	24	18 16 29.7&	34.358	N	118.562	W	0					17	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.5 (GS).
	24	18 22 42.1?	6.42	S	146.35	E	60	?	3.5		0.4	5	EASTERN NEW GUINEA REG., P.N.G.
	24	18 43 35.1	51.744	N	153.179	E	387		4.9		0.7	169	NORTHWEST OF KURIL ISLANDS
	24	18 43 48.5%	26.805	S	26.792	E	5	G			1.1	9	REPUBLIC OF SOUTH AFRICA. ML 3.2 (PRE).
	24	19 16 46.8&	34.295	N	118.496	W	9					7	SOUTHERN CALIFORNIA. <PAS-P>. MD 2.6 (PAS). ML 2.7

														(GS).
	24	19	44	46.9?	31.57	S	69.42	W	120	G		0.8	4	SAN JUAN PROVINCE, ARGENTINA
a	24	19	54	37.7	44.977	N	149.791	E	50	D	5.4	0.8	282	KURIL ISLANDS. Mw 5.7 (HRV).
	24	20	53	38.8&	66.601	N	147.158	W	12				16	NORTHERN ALASKA. <AEIC>. ML 2.7 (AEIC).
	24	21	15	51.0?	36.60	N	2.83	W	10	G		1.7	4	STRAIT OF GIBRALTAR
	24	21	31	44.8&	34.281	N	118.427	W	3				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.8 (GS).
	24	22	22	35.0&	34.348	N	118.560	W	16				9	SOUTHERN CALIFORNIA. <PAS-P>. MD 2.7 (PAS). ML 2.9 (GS).
	24	22	33	39.6*	46.063	N	12.367	E	5	G		1.2	8	NORTHERN ITALY. MD 2.2 (TRI). ML 2.2 (VIE), 2.0 (LJU).
	24	22	47	50.6&	26.904	S	26.719	E	5	G		0.2	5	REPUBLIC OF SOUTH AFRICA. ML 2.7 (PRE).
	24	23	04	20.0&	34.263	N	118.598	W	10				28	SOUTHERN CALIFORNIA. <PAS-P>. MD 2.5 (PAS). ML 2.6 (GS).
	24	23	14	33.0&	49.268	N	122.357	W	5				20	BRITISH COLUMBIA, CANADA. <PGC-P>. ML 2.8 (PGC). Felt mildly in the lower Fraser Valley from Mission to Port Coquitlam and Langley.
	25	00	05	42.2*	1.059	N	127.410	E	33	D	4.8	1.0	23	HALMAHERA, INDONESIA
	25	00	29	14.4&	39.072	N	30.318	E	5	G		0.7	5	TURKEY. ML 2.8 (ISK).
	25	00	29	51.1&	15.818	N	60.457	W	33	N		0.3	7	LEEWARD ISLANDS. ML 1.4 (FDF).
	25	01	31	10.4?	1.38	N	127.63	E	33	N	4.5	1.2	7	HALMAHERA, INDONESIA
	25	02	06	35.8&	34.301	N	118.441	W	8				31	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.9 (GS).
	25	02	07	25.0	1.430	N	127.825	E	33	N	4.8 4.3	0.9	26	HALMAHERA, INDONESIA
	25	02	16	31.0*	36.261	N	21.732	E	74	?		0.7	13	SOUTHERN GREECE. MD 3.7 (ATH).
	25	02	26	14.9&	34.285	N	118.475	W	3				29	SOUTHERN CALIFORNIA. <PAS-P>. MD 2.6 (PAS). ML 2.7 (GS).
	25	02	39	53.9&	34.230	N	118.601	W	0				29	SOUTHERN CALIFORNIA. <PAS-P>. MD 2.5 (PAS). ML 2.7 (GS).
	25	02	44	39.8*	42.627	N	100.141	W	5	G		0.8	9	NEBRASKA. mbLg 3.3 (GS). Felt (V) at Springview and Valentine; (IV) at Sparks and Wood Lake; (III) at Johnstown. Also felt at Ainsworth. Felt (III) at Colome, Dallas and Wewela, South Dakota. Also felt at Keyapaha, South Dakota.
	25	02	47	16.2*	35.850	N	21.867	E	33	N		0.5	13	CENTRAL MEDITERRANEAN SEA. ML 3.7 (ATH), 3.4 (THE).
	25	03	07	57.6?	62.26	N	5.45	E	10	G		0.6	5	SOUTHERN NORWAY. MD 2.6 (BER).
	25	03	09	31.5&	34.351	N	118.490	W	0				43	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 3.0 (GS).
	25	03	40	42.8&	37.279	N	4.185	W	5	G		0.6	8	SPAIN. mbLg 2.6 (MDD).
	25	04	11	49.8*	32.741	S	70.247	W	109			0.6	11	CHILE-ARGENTINA BORDER REGION
	25	04	17	05.0?	8.05	S	128.10	E	140	?	4.6	0.5	7	TIMOR SEA
	25	04	40	30.6&	26.339	S	27.743	E	5	G		0.6	7	REPUBLIC OF SOUTH AFRICA
a	25	05	41	19.2	1.543	S	78.009	W	168	D	5.2	0.9	200	ECUADOR. Mw 5.4 (HRV). mb 5.3 (BRK).
	25	06	47	47.5	36.070	N	29.048	E	33	N	4.1	1.1	43	TURKEY. ML 4.0 (ISK), 4.1 (THE).
a	25	07	12	44.8	10.601	N	41.715	W	30	D	5.3 5.9	1.2	209	NORTHERN MID-ATLANTIC RIDGE. Mw 6.3 (HRV). Mo=4.3*10**18 Nm (PPT).
	25	07	15	42.9?	31.33	S	70.08	W	10	G		0.4	4	CHILE-ARGENTINA BORDER REGION
	25	07	24	28.6&	28.017	S	26.831	E	5	G		1.1	7	REPUBLIC OF SOUTH AFRICA. ML 3.2 (PRE).
	25	08	38	16.9	42.622	N	19.885	E	5	G		0.7	15	NORTHWESTERN BALKAN REGION. ML 2.7 (TTG), 2.6 (TIR).
	25	08	40	22.9&	34.358	N	118.534	W	3				8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS), 2.6 (GS).
	25	08	41	13.8&	34.310	N	118.444	W	7				34	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 3.0 (GS).
	25	08	41	36.6	53.767	N	158.985	E	141	D	5.1	0.9	151	NEAR EAST COAST OF KAMCHATKA
	25	08	41	47.8&	34.369	N	118.549	W	4				24	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS), 2.7 (GS).
	25	09	41	11.6?	37.04	N	3.68	W	5	G		1.0	4	SPAIN
	25	09	45	32.0?	41.03	N	28.94	E	10	G		0.9	5	TURKEY. ML 2.7 (ISK).
	25	10	15	43.9	38.369	N	21.953	E	5	G		0.4	14	GREECE. ML 3.4 (THE), 3.3 (ATH).
	25	10	21	58.1&	34.304	N	118.554	W	10				55	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.4 (GS).
	25	10	23	49.3&	42.621	N	19.848	E	5	G		0.3	9	NORTHWESTERN BALKAN REGION. ML 1.7 (TTG).
	25	10	28	03.9?	39.64	N	29.52	E	10	G		0.4	4	TURKEY. ML 2.7 (ISK).
	25	10	30	13.6?	41.30	N	28.65	E	5	G		0.7	5	TURKEY. ML 2.7 (ISK).
	25	10	39	36.4?	40.17	N	29.17	E	5	G		0.4	4	TURKEY. ML 2.5 (ISK).
	25	11	18	31.8	1.202	N	127.549	E	40	*	4.9	1.0	30	HALMAHERA, INDONESIA
	25	11	50	09.1&	63.278	N	151.261	W	12				51	CENTRAL ALASKA. <AEIC>. ML 2.8 (AEIC), 3.0 (PMR).
	25	11	55	56.3&	58.058	N	151.776	W	25				51	KODIAK ISLAND REGION. <AEIC>. ML 3.4 (AEIC).
	25	12	09	00.1&	34.317	N	118.516	W	2				27	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 3.1 (GS).
	25	12	36	53.0?	39.15	N	27.46	E	10	G		0.2	4	TURKEY. ML 2.6 (ISK).
	25	12	41	42.6&	26.387	S	27.538	E	5	G		1.1	6	REPUBLIC OF SOUTH AFRICA. ML 2.1 (PRE).
	25	13	11	23.3&	26.308	S	27.653	E	5	G		0.9	6	REPUBLIC OF SOUTH AFRICA. ML 2.3 (PRE).
	25	13	25	20.0?	39.91	N	27.91	E	10	G		0.2	4	TURKEY. ML 2.6 (ISK).
	25	14	14	54.2	40.777	N	23.157	E	10	G		0.4	8	GREECE. ML 2.3 (THE), 2.0 (SKO).
	25	14	59	27.7?	40.69	N	23.04	E	5	G		0.2	4	GREECE. ML 1.0 (THE).
	25	15	17	53.7?	39.69	N	29.41	E	10	G		0.1	4	TURKEY. ML 2.6 (ISK).
	25	16	21	25.2&	34.270	N	118.411	W	10				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.5 (PAS), 2.7 (GS).
	25	16	22	32.7&	40.374	N	28.793	E	10	G		0.7	9	TURKEY. ML 3.1 (ISK).
	25	16	25	19.2?	15.89	N	120.92	E	63	?	4.4	1.4	5	LUZON, PHILIPPINE ISLANDS
	25	16	35	27.7&	63.252	N	150.954	W	15				53	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC), 2.8 (PMR).
	25	16	43	02.0&	43.091	N	0.618	W	5	G		0.3	5	PYRENEES. ML 1.0 (STR).
	25	17	17	29.6&	34.316	N	118.505	W	2				51	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.6 (GS).
	25	17	18	54.0	45.655	N	15.640	E	10	G		0.4	8	NORTHWESTERN BALKAN REGION. ML 2.9 (ZAG). MD 3.2 (LJU), 2.7 (TRI). Felt in northern Croatia.
	25	17	40	25.8?	36.49	N	2.83	W	10	G		1.2	6	STRAIT OF GIBRALTAR. mbLg 3.0 (MDD).
	25	17	54	52.5?	31.25	S	68.79	W	100	G		0.2	4	SAN JUAN PROVINCE, ARGENTINA
	25	17	54	55.6?	36.48	N	71.40	E	33	N	4.1	0.9	5	AFGHANISTAN-TAJIKISTAN BORD REG.
	25	18	08	42.5&	34.317	N	118.510	W	1				27	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS), 2.9 (GS).
	25	18	30	07.5?	44.53	N	7.30	E	10	G		0.2	10	NORTHERN ITALY. ML 2.2 (GEN).
	25	18	42	43.7&	34.318	N	118.434	W	6				63	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.5 (GS).
	25	18	55	15.4?	36.65	N	2.89	W	5	G		0.1	4	STRAIT OF GIBRALTAR. mbLg 2.4 (MDD).
	25	19	03	04.8&	37.549	N	118.851	W	10				32	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM). ML 3.4 (BRK).
	25	19	03	59.6*	9.819	N	69.867	W	18		3.9	0.9	9	VENEZUELA. Felt strongly at Quibor. Felt at El Tocuyo, Guarico and Sanare.
	25	19	07	48.3?	9.81	N	69.88	W	10	G		1.3	4	VENEZUELA
	25	19	21	26.0*	40.771	N	73.085	E	33	N	4.0	0.7	7	KYRGYZSTAN
	25	20	34	04.9*	49.172	N	6.952	E	10	G		0.7	5	GERMANY. ML 1.9 (UCC).
	25	21	27	35.7	5.054	N	82.648	W	10	G	4.2	1.0	9	SOUTH OF PANAMA. MD 4.5 (UPA).
	25	21	31	48.4	36.421	N	71.111	E	223	D	4.9	1.0	136	AFGHANISTAN-TAJIKISTAN BORD REG.
	25	21	37	35.7?	31.32	S	68.64	W	101	?		0.2	5	SAN JUAN PROVINCE, ARGENTINA

	25	21	38	15.5?	6.27	S	129.48	E	96	?	5.1		1.1	8	BANDA SEA
	25	22	06	36.3	44.429	N	8.738	E	5	G			0.8	27	NORTHERN ITALY. ML 3.1 (GEN).
	25	22	23	23.5&	34.369	N	118.721	W	10					13	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.8 (GS).
	25	22	46	17.2%	9.661	N	69.793	W	10	G			1.3	5	VENEZUELA
	25	22	55	08.5%	36.638	N	2.919	W	10	G			0.6	5	STRAIT OF GIBRALTAR. mbLg 2.6 (MDD).
	26	00	11	12.1*	43.749	N	8.583	E	5	G			0.7	17	CORSICA. ML 2.4 (LDG), 2.3 (GEN).
	26	01	11	36.5?	1.21	N	127.69	E	15	D	4.6		1.3	13	HALMAHERA, INDONESIA
	26	02	02	35.2%	44.538	N	7.292	E	10	G			0.1	6	NORTHERN ITALY. ML 2.0 (GEN).
	26	02	17	29.3&	34.268	N	118.638	W	25					22	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 3.1 (GS).
	26	02	26	00.7	5.314	N	37.411	E	10	G	4.9	4.7	0.9	31	ETHIOPIA
	26	02	46	07.7?	36.43	N	2.85	W	10	G			0.7	5	STRAIT OF GIBRALTAR. mbLg 2.8 (MDD).
	26	02	48	36.2?	41.62	N	23.04	E	5	G			0.5	4	GREECE-BULGARIA BORDER REGION. ML 2.0 (THE).
	26	03	04	09.0?	11.62	N	86.03	W	10	G			1.2	8	NEAR COAST OF NICARAGUA. MD 4.0 (GCG).
	26	03	06	54.9?	28.30	S	66.89	W	200	G			0.2	5	CATAMARCA PROVINCE, ARGENTINA
	26	03	21	39.0	40.723	N	27.335	E	10	G			1.0	25	TURKEY. ML 4.0 (THE), 3.6 (ISK).
	26	03	43	09.2&	34.185	N	118.547	W	14					29	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS), 2.7 (GS).
	26	03	48	12.3%	40.454	N	28.681	E	10	G			0.6	6	TURKEY. ML 2.5 (ISK).
	26	03	53	59.1&	34.376	N	118.665	W	12					33	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.9 (GS).
	26	04	03	40.8*	43.207	N	128.515	W	10	G	2.7		0.4	51	OFF COAST OF OREGON
	26	04	04	03.9&	34.255	N	118.469	W	12					47	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 3.1 (GS).
	26	04	07	31.5%	44.366	N	7.354	E	10	G			0.4	6	NORTHERN ITALY. ML 1.6 (GEN).
	26	04	29	45.3%	44.337	N	7.302	E	10	G			0.4	6	NORTHERN ITALY. ML 1.9 (GEN).
	26	05	16	17.6	35.646	N	23.652	E	36	*	4.1		0.9	28	CRETE. MD 3.9 (ATH).
	26	05	38	28.3&	34.278	N	118.501	W	9					28	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS), 2.7 (GS).
	26	05	54	18.1	36.503	N	5.407	W	10	G			1.0	12	STRAIT OF GIBRALTAR. mbLg 2.8 (MDD).
	26	06	12	09.1?	31.33	S	68.84	W	100	G			0.2	4	SAN JUAN PROVINCE, ARGENTINA
	26	06	17	15.6?	36.53	N	28.77	E	33	N			0.8	5	DODECANESE ISLANDS. ML 3.3 (ISK).
	26	06	39	47.5?	31.50	S	67.63	W	10	G			0.2	4	SAN JUAN PROVINCE, ARGENTINA
	26	08	31	18.6%	40.521	N	22.841	E	5	G			0.6	8	GREECE. ML 1.8 (THE).
	26	08	46	15.5&	34.181	N	118.624	W	4					25	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.5 (PAS), 2.7 (GS).
	26	09	08	12.0%	40.468	N	21.818	E	10	G			0.2	5	GREECE. ML 1.5 (THE).
	26	09	45	58.2*	38.693	N	27.472	E	10	G			0.9	5	TURKEY. ML 3.0 (ISK).
	26	09	51	14.4?	45.90	N	16.00	E	5	G			0.7	4	NORTHWESTERN BALKAN REGION. ML 2.6 (ZAG). Felt in the Zagreb area, Croatia.
a	26	10	03	51.2	41.728	N	143.669	E	32	D	5.5	5.1	0.9	349	HOKKAIDO, JAPAN REGION. Mw 5.5 (HRV).
	26	10	07	36.2	39.100	N	27.834	E	15				0.8	33	TURKEY. ML 4.1 (ATH), 3.9 (THE), 3.8 (ISK).
	26	12	03	27.9%	39.632	N	29.404	E	10	G			0.7	5	TURKEY. ML 2.7 (ISK).
a	26	12	07	14.6	79.507	N	4.008	E	10	G	5.1	4.9	1.0	162	GREENLAND SEA. Mw 5.2 (HRV).
	26	12	28	47.2&	34.302	N	118.470	W	10					75	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.8 (PAS), 3.9 (GS).
	26	12	42	49.3%	40.609	N	28.732	E	10	G			0.5	8	TURKEY. ML 3.0 (ISK).
	26	13	18	15.0%	40.817	N	29.503	E	10	G			0.8	5	TURKEY. ML 2.5 (ISK).
	26	13	42	49.2?	42.58	N	24.03	E	5	G			0.7	7	BULGARIA. ML 2.9 (THE).
	26	13	53	23.2&	34.180	N	118.626	W	4					30	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 3.0 (GS).
	26	14	44	00.7&	37.511	N	118.757	W	7					10	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM).
	26	15	02	41.6%	39.637	N	29.429	E	10	G			0.8	6	TURKEY. ML 2.7 (ISK).
	26	15	28	31.3*	51.477	N	15.863	E	10	G			0.8	7	POLAND
	26	16	07	03.0&	34.372	N	118.626	W	16					31	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.9 (GS).
	26	16	10	04.9%	37.723	N	3.201	W	10	G			0.8	6	SPAIN. mbLg 2.6 (MDD).
	26	16	12	12.5%	10.444	N	67.611	W	10	G			0.6	8	NEAR COAST OF VENEZUELA
	26	16	16	45.1	36.652	N	2.845	W	10	G			1.2	22	STRAIT OF GIBRALTAR. mbLg 3.7 (MDD). Felt (IV) in the Adra area, Spain.
	26	16	20	31.0&	34.237	N	118.603	W	2					29	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS), 2.7 (GS).
	26	16	43	50.8	43.773	N	16.835	E	33	N			0.9	16	NORTHWESTERN BALKAN REGION. MD 3.2 (TRI). ML 3.1 (TTG), 3.0 (ZAG). Felt at Sinj, Croatia.
	26	16	51	07.9?	39.50	N	28.28	E	10	G			0.9	4	TURKEY. ML 2.6 (ISK).
	26	17	09	22.8&	34.374	N	118.520	W	0					66	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.7 (GS).
	26	17	27	44.3%	66.861	N	13.762	E	10	G			1.3	7	NORTHERN NORWAY. MD 3.0 (BER).
	26	17	38	47.3&	34.343	N	118.607	W	14					29	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS), 2.7 (GS).
	26	17	59	41.1&	34.214	N	118.613	W	2					34	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 3.3 (GS).
	26	18	21	44.5%	32.602	N	35.626	E	10	G			0.2	6	DEAD SEA REGION
	26	18	36	17.8%	36.573	N	2.843	W	10	G			1.0	6	STRAIT OF GIBRALTAR. mbLg 3.3 (MDD). Felt (III) in the Adra area, Spain.
	26	19	06	14.2&	37.435	N	118.540	W	12					10	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. ML 2.9 (GM).
	26	19	15	02.6&	37.436	N	118.539	W	13					25	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM).
	26	19	52	10.5%	26.416	S	27.343	E	5	G			1.0	6	REPUBLIC OF SOUTH AFRICA. ML 2.8 (PRE).
	26	19	55	10.4%	40.525	N	23.727	E	10	G			0.6	5	GREECE. ML 1.7 (THE).
	26	21	33	20.2*	21.581	S	66.744	W	204	*	4.3		0.4	6	SOUTHERN BOLIVIA
	26	21	35	21.7?	38.08	N	21.89	E	5	G			0.7	4	GREECE. ML 3.2 (ATH).
	26	21	46	36.4*	40.719	N	30.169	E	10	G			0.5	6	TURKEY. ML 2.8 (ISK).
	26	21	47	48.9	19.217	N	121.150	E	50	*	4.6		1.3	43	PHILIPPINE ISLANDS REGION
	26	21	54	18.2*	37.918	N	104.086	E	33	N	4.4		1.4	9	WESTERN NEI MONGOL, CHINA. ML 4.1 (BJI).
	26	22	29	25.6?	11.88	S	165.77	E	33	N	4.7		0.6	10	SANTA CRUZ ISLANDS
	26	22	30	01.6%	44.383	N	7.325	E	10	G			0.3	8	NORTHERN ITALY. ML 2.0 (GEN).
	26	22	38	37.9?	32.24	S	67.90	W	10	G			0.4	4	MENDOZA PROVINCE, ARGENTINA
	26	22	50	51.2&	34.231	N	118.586	W	3					7	SOUTHERN CALIFORNIA. <PAS-P>. MD 2.5 (PAS). ML 2.7 (GS).
	26	22	59	53.4%	26.368	S	27.483	E	5	G			0.9	7	REPUBLIC OF SOUTH AFRICA. ML 2.8 (PRE).
	26	23	36	06.4&	62.688	N	151.001	W	90					79	CENTRAL ALASKA. <AEIC>.
	26	23	36	20.5*	15.957	S	167.693	E	168	*	4.9		0.8	34	VANUATU ISLANDS
	26	23	50	21.3	11.494	N	61.869	W	22				0.4	12	WINDWARD ISLANDS
	27	00	18	05.4	21.715	S	173.937	W	33	N	5.4	5.0	1.0	123	TONGA ISLANDS
	27	00	21	51.6?	43.49	N	128.37	W	10	G			0.4	21	OFF COAST OF OREGON
	27	00	28	37.2	0.044	N	123.598	E	159	D	5.1		1.0	70	MINAHASSA PENINSULA, SULAWESI
	27	02	27	35.2	44.575	N	9.243	E	5	G			0.9	33	NORTHERN ITALY. ML 2.7 (GEN), 2.5 (LDG), 2.3 (STR).
	27	04	04	22.7&	34.285	N	118.454	W	10					29	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS), 2.9 (GS).
	27	04	28	44.1?	40.33	S	91.19	W	10	G	4.9		0.8	7	WEST CHILE RISE
	27	04	37	14.4	33.409	N	92.223	E	33	N	4.8	4.8	1.1	45	QINGHAI, CHINA. ML 4.7 (BJI).
	27	04	43	52.7&	34.364	N	118.481	W	1					60	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.4 (GS).
	27	04	56	46.0&	34.335	N	118.490	W	8					12	SOUTHERN CALIFORNIA. <PAS-P>. MD 2.6 (PAS). ML 2.7 (GS).
	27	05	26	55.8%	30.783	S	28.944	E	5	G			1.4	7	REPUBLIC OF SOUTH AFRICA. ML 3.4 (PRE).
	27	05	27	21.5	44.255	N	7.383	W	10	G			0.8	25	NORTH ATLANTIC OCEAN. mbLg 3.5 (MDD).
	27	05	34	41.4?	39.72	N	28.68	E	5	G			0.3	4	TURKEY. ML 2.8 (ISK).

	27	05	40	19.1&	60.027	N	151.566	W	77			57	KENAI PENINSULA, ALASKA. <AEIC>.
	27	05	50	08.8&	34.335	N	118.723	W	4			12	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS), 2.7 (GS).
	27	06	24	42.0?	38.63	N	23.53	E	5 G		0.3	13	GREECE. ML 3.5 (ATH), 3.3 (THE).
	27	06	26	22.2&	34.259	N	118.459	W	14			29	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS), 2.7 (GS).
	27	06	40	18.3	43.628	N	16.598	E	10 G		0.4	13	NORTHWESTERN BALKAN REGION. MD 3.1 (TRI). ML 3.1 (TTG). Felt at Sinj, Croatia.
	27	07	46	49.6?	40.43	N	23.70	E	10 G		0.2	4	GREECE. ML 2.1 (THE).
	27	08	26	55.0	44.276	N	7.384	W	10 G		0.9	32	NORTH ATLANTIC OCEAN. mbLg 3.7 (MDD).
	27	09	27	53.3*	4.335	S	102.693	E	84	5.0	0.9	27	SOUTHERN SUMATERA, INDONESIA. Felt (III) at Kapahiang.
	27	09	48	55.9%	40.673	N	22.987	E	5 G		0.6	6	GREECE. ML 1.9 (THE).
	27	09	55	50.2?	43.88	N	7.02	E	10 G		1.4	5	NEAR SOUTH COAST OF FRANCE. ML 1.6 (GEN).
	27	09	58	59.8?	39.28	N	27.66	E	10 G		0.6	4	TURKEY. ML 2.8 (ISK).
	27	10	39	47.8?	38.83	N	26.49	W	10 G		0.0	5	AZORES ISLANDS
	27	10	53	59.1?	40.65	N	23.03	E	10 G		0.6	4	GREECE. ML 1.7 (THE).
	27	11	07	34.0?	3.23	S	129.81	E	68 ?	4.7	1.5	11	SERAM, INDONESIA
	27	11	48	14.9?	28.67	N	34.76	E	10 G		0.4	4	EGYPT
	27	12	10	53.6&	34.320	N	118.464	W	7			31	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS), 2.8 (GS).
	27	12	26	36.6*	31.645	S	69.016	W	120		1.0	10	SAN JUAN PROVINCE, ARGENTINA
	27	12	54	06.0%	9.864	N	83.009	W	10 G		0.8	10	COSTA RICA. MD 4.0 (HDC).
	27	13	10	29.8%	39.685	N	29.389	E	10 G		1.0	5	TURKEY. ML 2.5 (ISK).
	27	13	23	08.0%	26.861	S	26.803	E	5 G		0.5	7	REPUBLIC OF SOUTH AFRICA. ML 2.6 (PRE).
	27	13	39	30.8?	39.42	N	29.92	E	10 G		0.7	4	TURKEY. ML 2.7 (ISK).
	27	13	49	05.3&	34.362	N	118.481	W	0			10	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS), 2.7 (GS).
	27	14	18	30.9?	39.69	N	29.50	E	5 G		1.3	4	TURKEY. ML 2.7 (ISK).
	27	14	27	35.8&	59.567	N	151.811	W	52			51	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.0 (AEIC).
	27	14	31	10.7&	34.250	N	118.589	W	15			51	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.3 (GS).
	27	14	39	12.0?	40.65	N	29.88	E	10 G		0.5	4	TURKEY. ML 2.5 (ISK).
	27	14	41	23.3*	44.944	N	3.341	E	5 G		0.8	14	FRANCE. ML 2.5 (LDG).
	27	14	50	26.6?	6.68	S	147.36	E	78 *	4.6	1.0	8	EASTERN NEW GUINEA REG., P.N.G.
	27	16	28	25.7&	61.357	N	151.753	W	92			89	SOUTHERN ALASKA. <AEIC>.
	27	17	19	58.8&	34.274	N	118.563	W	15	4.2		98	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.6 (PAS), 4.4 (GS), 4.4 (BRK). Felt.
	27	17	27	31.1?	36.49	N	21.84	E	5 G		0.6	4	SOUTHERN GREECE. MD 3.5 (ATH).
	27	17	56	33.7&	34.179	N	118.623	W	4			27	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS), 2.8 (GS).
	27	18	06	33.2?	15.01	N	99.16	W	33 N	3.9	1.0	7	OFF COAST OF GUERRERO, MEXICO
	27	18	57	10.8&	34.406	N	116.508	W	2			38	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.1 (GS).
	27	19	03	08.6%	10.936	N	62.248	W	33 N		0.3	7	NEAR COAST OF VENEZUELA
	27	19	22	55.5*	33.364	N	92.511	E	33 N	3.8	1.5	12	QINGHAI, CHINA
	27	19	41	10.5&	57.840	N	155.879	W	63	3.5		68	ALASKA PENINSULA. <AEIC>. ML 3.4 (AEIC).
	27	20	41	11.9&	34.356	N	118.552	W	5			48	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 3.1 (GS).
	27	20	41	12.6	37.890	N	29.397	E	10 G		0.5	7	TURKEY. ML 3.2 (ISK).
	27	21	21	51.9	37.288	N	4.195	W	5 G		1.2	11	SPAIN. mbLg 2.6 (MDD).
	27	21	29	00.3&	34.249	N	118.486	W	13			27	SOUTHERN CALIFORNIA. <PAS-P>. MD 2.6 (PAS). ML 2.7 (GS).
	27	21	38	07.4%	44.392	N	7.338	E	10 G		0.4	5	NORTHERN ITALY. ML 1.6 (GEN).
	27	23	17	59.2	31.748	N	10.009	W	30	3.9	1.3	39	MADEIRA ISLANDS REGION. mbLg 4.0 (MDD).
	27	23	18	44.2?	39.19	N	30.61	E	5 G		0.5	6	TURKEY. ML 2.8 (ISK).
	28	01	05	13.7	55.040	N	135.214	E	18 D	5.0	0.8	120	SOUTHEASTERN SIBERIA, RUSSIA
	28	01	06	08.5?	36.41	N	2.86	W	10 G		0.7	4	STRAIT OF GIBRALTAR. mbLg 2.9 (MDD). Felt.
	28	01	52	15.9	19.560	S	69.048	W	116 D	5.2	1.1	40	NORTHERN CHILE
	28	01	52	42.9?	40.69	N	30.06	E	10 G		0.4	4	TURKEY. ML 2.5 (ISK).
	28	02	31	07.2%	9.715	N	69.776	W	10 G		0.7	7	VENEZUELA. Felt at Guarico and El Tocuyo.
	28	02	49	27.8&	35.790	N	120.346	W	10			30	CENTRAL CALIFORNIA. <GM-P>. MD 2.8 (GM). ML 2.8 (PAS).
	28	03	53	45.5?	36.94	N	13.41	W	10 G		0.7	9	NORTH ATLANTIC OCEAN. mbLg 3.8 (MDD).
	28	04	29	24.6*	19.537	N	102.610	W	33 N	3.5	0.9	7	MICHOACAN, MEXICO
	28	04	58	33.9&	34.310	N	118.460	W	8			53	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.4 (GS).
	28	05	42	50.3%	47.785	N	0.378	W	10 G		0.1	5	FRANCE. ML 2.2 (LDG).
	28	05	47	51.8&	34.358	N	118.631	W	11			57	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.5 (GS).
	28	06	49	49.3?	34.90	N	34.78	E	10 G		0.6	6	CYPRUS REGION. ML 3.2 (BHL), 2.7 (CSS).
	28	06	57	01.9*	51.096	N	7.727	E	10 G		0.9	5	GERMANY. ML 2.6 (BNS).
	28	07	15	01.6	37.508	N	21.796	E	80 *	3.9	0.8	28	SOUTHERN GREECE. MD 3.9 (ATH).
	28	07	23	46.2?	10.82	N	62.20	W	80 G		0.7	6	NEAR COAST OF VENEZUELA
	28	07	44	46.3&	34.233	N	118.614	W	20			58	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.4 (GS).
	28	08	18	09.3?	39.95	N	29.13	E	10 G		0.5	4	TURKEY. ML 2.5 (ISK).
	28	08	19	06.6	40.093	N	21.847	E	5 G		0.5	9	GREECE. ML 2.0 (THE).
	28	08	33	03.9%	26.850	S	26.767	E	5 G		0.6	7	REPUBLIC OF SOUTH AFRICA. ML 2.3 (PRE).
	28	09	02	01.3%	40.428	N	21.873	E	10 G		0.9	5	GREECE. ML 1.7 (THE).
	28	09	17	05.6*	4.495	S	144.200	E	129 ?	3.9	1.1	6	NEAR N COAST OF NEW GUINEA, PNG.
	28	09	51	12.5?	18.34	N	66.83	W	33 N		0.4	5	PUERTO RICO REGION
	28	10	55	37.9?	17.18	N	94.54	W	169 ?	3.3	1.2	7	CHIAPAS, MEXICO
	28	11	52	02.2*	32.085	S	69.562	W	159 ?		0.4	15	MENDOZA PROVINCE, ARGENTINA. MD 3.8 (SAN).
	28	11	52	09.5*	38.719	N	38.688	E	17	4.4	1.3	19	TURKEY. Felt at Malatya, Elazig and Diyarbakir.
	28	12	33	39.6*	17.904	N	120.164	E	10 G	4.4	0.6	5	LUZON, PHILIPPINE ISLANDS
	28	12	34	36.2&	34.370	N	118.491	W	1			11	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS), 2.7 (GS).
	28	12	48	42.1&	34.371	N	118.492	W	0			36	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 3.2 (GS).
	28	12	54	35.6*	1.608	N	84.047	W	33 N	4.4	1.1	21	OFF COAST OF ECUADOR
	28	13	00	40.4%	44.228	N	8.232	E	10 G		0.2	7	NORTHERN ITALY. ML 1.9 (GEN).
	28	13	00	42.9%	44.216	N	8.203	E	10 G		0.1	7	NORTHERN ITALY. ML 2.0 (GEN).
	28	13	05	01.9?	44.33	N	8.20	E	5 G		0.6	4	NORTHERN ITALY. ML 1.5 (GEN).
	28	13	05	04.1%	44.242	N	8.236	E	10 G		0.2	8	NORTHERN ITALY. ML 1.5 (GEN).
	28	13	05	28.7%	44.222	N	8.211	E	10 G		0.4	8	NORTHERN ITALY. ML 1.7 (GEN).
	28	13	14	44.2%	44.231	N	8.230	E	10 G		0.3	8	NORTHERN ITALY. ML 2.2 (GEN).
	28	13	27	00.4%	44.212	N	8.261	E	12 *		0.2	8	NORTHERN ITALY. ML 2.4 (GEN).
	28	15	23	55.1%	39.671	N	29.479	E	10 G		0.6	5	TURKEY. ML 2.7 (ISK).
	28	15	38	43.9%	26.338	S	27.460	E	5 G		0.8	7	REPUBLIC OF SOUTH AFRICA. ML 2.4 (PRE).
a	28	15	45	24.5	38.693	N	27.493	E	5 G	5.2 5.1	1.0	291	TURKEY. Mw 5.4 (HRV). ML 5.2 (ATH), 4.9 (THE).
	28	15	52	53.2	38.624	N	27.348	E	10 G		1.2	10	TURKEY. ML 3.5 (ISK).
	28	16	03	08.9?	38.67	N	27.39	E	10 G		0.1	4	TURKEY. ML 3.0 (ISK).
	28	16	04	09.2*	38.714	N	27.246	E	10 G		0.3	7	TURKEY. ML 3.7 (ISK).
	28	16	07	58.6%	38.700	N	27.235	E	10 G		0.5	7	TURKEY. ML 3.5 (ISK).
	28	16	11	25.6*	38.690	N	27.297	E	10 G		0.4	6	TURKEY. ML 3.0 (ISK).
	28	16	16	41.4%	38.750	N	27.351	E	5 G		0.3	6	TURKEY. ML 3.2 (ISK).
	28	16	32	28.5%	27.946	S	26.745	E	5 G		1.0	9	REPUBLIC OF SOUTH AFRICA. ML 3.1 (PRE).

28	16	40	36.5%	38.676	N	27.327	E	10	G		0.7	5	TURKEY. ML 3.2 (ISK).
28	16	43	59.9%	38.701	N	27.294	E	10	G		0.5	8	TURKEY. ML 3.2 (ISK).
28	16	52	01.9*	38.720	N	27.243	E	10	G		0.9	10	TURKEY. ML 3.4 (ISK).
28	16	57	35.9?	38.67	N	27.40	E	10	G		0.1	4	TURKEY. ML 3.0 (ISK).
28	17	03	56.5%	38.751	N	27.313	E	10	G		0.3	6	TURKEY. ML 3.1 (ISK).
28	17	09	29.6?	38.55	N	27.56	E	10	G		0.7	4	TURKEY. ML 2.8 (ISK).
28	17	24	53.1?	38.67	N	27.27	E	5	G		0.6	4	TURKEY. ML 2.9 (ISK).
28	17	25	51.7	33.286	S	70.854	W	59	?		0.2	10	CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
28	17	27	40.0%	38.699	N	27.314	E	10	G		0.5	10	TURKEY. ML 3.2 (ISK).
28	17	30	04.9%	44.341	N	7.325	E	10	G		0.3	7	NORTHERN ITALY. ML 2.3 (GEN).
28	17	45	36.8*	38.716	N	27.325	E	5	G		0.8	6	TURKEY. ML 3.2 (ISK).
28	17	49	11.3	38.740	N	27.370	E	5	G		0.9	11	TURKEY. ML 3.4 (ISK). MD 3.4 (ATH).
28	17	49	42.9%	26.916	S	26.724	E	5	G		0.5	7	REPUBLIC OF SOUTH AFRICA. ML 2.5 (PRE).
28	18	05	44.4?	31.80	S	68.07	W	100	G		0.3	4	SAN JUAN PROVINCE, ARGENTINA
28	18	07	22.9*	38.733	N	27.253	E	10	G		0.5	9	TURKEY. ML 3.3 (ISK).
28	18	21	08.8?	38.75	N	26.74	E	10	G		0.8	5	AEGEAN SEA. ML 3.1 (ISK).
28	18	42	00.4%	38.720	N	27.326	E	10	G		0.2	5	TURKEY. ML 2.9 (ISK).
28	18	45	29.4?	38.63	N	27.53	E	10	G		1.1	4	TURKEY
28	18	45	59.4	38.661	N	27.471	E	10	G		1.3	8	TURKEY. MD 3.3 (ATH). ML 3.3 (ISK).
28	18	54	02.6?	38.63	N	27.48	E	10	G		0.7	4	TURKEY. ML 2.8 (ISK).
28	19	05	34.0&	36.235	N	120.800	W	9				32	CENTRAL CALIFORNIA. <PAS-P>. MD 2.8 (GM). ML 2.8 (PAS).
28	19	23	29.1?	38.69	N	27.32	E	10	G		0.9	4	TURKEY. ML 2.8 (ISK).
28	19	29	06.2	38.714	N	27.435	E	5	G		0.6	9	TURKEY. ML 3.3 (ISK).
28	19	31	56.5	38.693	N	27.444	E	10	G		0.7	14	TURKEY. ML 3.4 (ISK). MD 3.3 (ATH).
28	19	43	30.4?	38.53	N	27.60	E	10	G		0.3	4	TURKEY. ML 2.8 (ISK).
28	20	08	55.3	38.678	N	27.246	E	10	G		0.9	6	TURKEY. ML 3.1 (ISK).
28	20	09	53.4&	34.374	N	118.495	W	1		3.8		85	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.2 (PAS), 4.3 (BRK), 4.1 (GS). Felt.
28	20	11	05.1&	34.374	N	118.502	W	0				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 4.0 (GS). Felt.
28	20	12	15.6	40.444	N	28.955	E	10	G		0.5	7	TURKEY. ML 2.8 (ISK).
28	20	20	14.3%	38.724	N	27.281	E	10	G		0.4	9	TURKEY. ML 3.3 (ISK).
28	20	33	11.3*	18.605	N	66.252	W	10	G	4.2	1.1	7	PUERTO RICO REGION
28	21	04	54.2%	38.690	N	27.234	E	10	G		0.7	7	TURKEY. ML 3.1 (ISK).
28	21	17	03.7*	14.299	N	91.375	W	72	*	4.1	1.1	31	GUATEMALA
28	21	23	14.7	13.311	N	89.647	W	33	N		0.8	12	EL SALVADOR. MD 4.4 (GCG).
28	21	23	53.5*	38.728	N	27.244	E	5	G		0.9	7	TURKEY. ML 3.1 (ISK).
28	21	50	02.0%	38.705	N	27.086	E	10	G		0.5	5	TURKEY. ML 3.0 (ISK).
28	22	54	21.0%	38.658	N	27.470	E	5	G		1.4	5	TURKEY. ML 2.9 (ISK).
28	22	59	07.7	38.681	N	27.492	E	12			0.8	33	TURKEY. ML 3.9 (ATH), 3.8 (ISK).
28	23	00	59.3?	38.61	N	27.54	E	10	G		0.3	4	TURKEY. ML 3.1 (ISK).
28	23	04	54.7&	34.360	N	118.485	W	2				8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS), 2.6 (GS).
28	23	21	55.0*	38.664	N	27.180	E	10	G		0.8	6	TURKEY. ML 3.0 (ISK).
28	23	22	05.1?	40.67	N	22.58	E	10	G		0.5	5	GREECE. ML 1.6 (THE).
28	23	33	10.3%	26.836	S	26.764	E	5	G		0.3	6	REPUBLIC OF SOUTH AFRICA. ML 2.6 (PRE).
28	23	53	56.0*	15.077	S	166.727	E	52	*	4.5	1.0	23	VANUATU ISLANDS
29	00	08	28.2%	38.716	N	27.323	E	5	G		0.6	6	TURKEY. ML 3.1 (ISK).
29	00	31	24.5	46.714	N	1.503	E	10	G		1.1	21	FRANCE. ML 3.6 (LDG).
29	00	34	54.9?	14.37	N	58.84	W	16			0.6	10	NORTH ATLANTIC OCEAN. ML 3.4 (FDF).
29	00	41	10.8?	38.65	N	27.46	E	10	G		0.5	4	TURKEY. ML 2.9 (ISK).
29	00	47	17.5&	34.288	N	118.460	W	11				33	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 3.0 (GS).
29	00	47	43.5%	38.717	N	27.262	E	10	G		0.4	6	TURKEY. ML 3.0 (ISK).
29	00	51	14.6*	38.688	N	27.336	E	10	G		0.6	5	TURKEY. ML 3.0 (ISK).
29	00	58	00.8?	51.94	N	173.98	E	33	N	4.2	1.2	10	NEAR ISLANDS, ALEUTIAN ISLANDS
29	02	32	44.2?	40.80	N	23.13	E	5	G		0.4	4	GREECE. ML 1.5 (THE).
29	02	43	14.1?	43.71	N	6.60	E	10	G		0.0	4	NEAR SOUTH COAST OF FRANCE. ML 2.3 (LDG).
29	03	00	12.9?	33.88	S	72.18	W	25	*		0.7	6	OFF COAST OF CENTRAL CHILE
29	03	21	14.0?	38.51	N	27.63	E	10	G		0.1	4	TURKEY. ML 2.7 (ISK).
29	04	05	11.7*	5.699	S	147.182	E	141		4.9	0.8	11	EASTERN NEW GUINEA REG., P.N.G.
29	04	22	22.0*	45.651	N	14.223	E	10	G		0.0	5	NORTHWESTERN BALKAN REGION. MD 2.4 (LJU). ML 2.0 (VIE).
29	05	20	18.0%	38.747	N	27.176	E	10	G		0.4	8	TURKEY. ML 3.4 (ISK).
29	05	26	32.8	40.428	N	21.172	E	10	G		0.6	10	GREECE. ML 2.5 (THE).
29	05	30	44.6	40.361	N	21.221	E	5	G		1.0	26	GREECE. ML 3.5 (TTG), 3.4 (TIR), 3.1 (THE).
29	05	35	06.9	40.414	N	21.094	E	5	G		0.7	10	GREECE. ML 2.5 (THE).
29	05	43	13.3	40.399	N	21.165	E	9			0.4	26	GREECE. ML 3.7 (TTG), 3.6 (TIR), 3.3 (THE).
29	05	52	37.8	52.227	N	7.779	E	5	G		0.6	27	GERMANY. ML 3.7 (BNS), 3.6 (GRF), 3.8 (LDG). Felt (V) at Ibbenbueren. Probably mining induced.
29	06	09	45.6?	38.53	N	27.66	E	5	G		0.5	4	TURKEY. ML 2.8 (ISK).
29	06	16	58.6	38.910	N	23.293	E	5			0.8	18	GREECE. ML 3.7 (ATH), 3.6 (THE).
29	06	23	52.8	40.406	N	21.148	E	5	G		0.8	18	GREECE. ML 2.9 (THE).
29	06	39	30.9?	38.67	N	27.38	E	10	G		0.6	4	TURKEY. ML 3.0 (ISK).
29	07	10	53.3?	38.74	N	27.58	E	10	G		0.0	4	TURKEY. ML 2.8 (ISK).
29	08	44	46.0*	6.572	S	128.103	E	338	*	4.3	0.9	11	BANDA SEA
29	09	09	00.0*	40.193	N	20.827	E	5	G		1.5	7	GREECE-ALBANIA BORDER REGION. ML 2.6 (THE).
29	09	25	24.6%	38.791	N	27.091	E	10	G		0.2	5	TURKEY. ML 3.1 (ISK).
29	09	35	41.2?	31.84	S	68.27	W	10	G		0.4	4	SAN JUAN PROVINCE, ARGENTINA
29	10	32	16.0%	38.742	N	27.161	E	10	G		0.5	7	TURKEY. ML 3.4 (ISK).
29	10	42	27.1&	34.313	N	118.466	W	9				31	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS), 2.8 (GS).
29	10	49	50.3	44.568	N	7.324	E	10	G		0.3	15	NORTHERN ITALY. ML 2.6 (LDG), 2.4 (GEN).
29	10	56	15.2?	38.68	N	27.44	E	10	G		0.5	4	TURKEY. ML 2.9 (ISK).
29	11	11	56.9?	38.66	N	27.44	E	10	G		0.7	4	TURKEY. ML 2.9 (ISK).
29	11	13	18.1&	34.304	N	118.414	W	6				66	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.7 (GS).
29	11	20	35.9&	34.305	N	118.579	W	1		4.9 5.3		187	SOUTHERN CALIFORNIA. <PAS-P>. ML 5.1 (PAS), 5.4 (BRK). Additional damage in the Northridge area. Slight damage (VI) at Camarillo and Sunland. Felt (V) at Burbank, Chatsworth, Glendale, Montrose, North Hollywood, Ojai, Paramount, Sun Valley, Thousand Oaks, Tujunga, Ventura and Yorba Linda. Felt in Kern, Los Angeles, Orange, Riverside, Santa Barbara and Ventura Counties.
29	11	30	00.4&	34.313	N	118.542	W	2				7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.8 (GS).
29	11	37	31.9&	34.400	N	118.612	W	5				49	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.5 (GS).
29	11	53	39.1%	39.263	N	27.756	E	10	G		0.9	5	TURKEY. ML 2.8 (ISK).
29	12	16	56.3&	34.278	N	118.611	W	3		3.3		77	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.3 (PAS), 4.3 (GS),

													4.4 (BRK).
	29	12	20	46.8?	26.97	S	26.72	E	5	G		1.5	4 REPUBLIC OF SOUTH AFRICA
	29	12	21	11.0&	34.293	N	118.607	W	2				31 SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.6 (GS).
	29	12	29	36.7&	40.410	N	125.256	W	8				25 OFF COAST OF NORTHERN CALIFORNIA. <GM-P>. MD 3.0 (GM). ML 3.0 (GS).
	29	12	29	57.5&	62.172	N	151.344	W	90				72 CENTRAL ALASKA. <AEIC>.
	29	12	35	33.8&	34.311	N	118.562	W	1				24 SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 3.0 (GS).
	29	12	47	36.0&	34.348	N	118.610	W	15				33 SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.3 (GS).
	29	12	56	24.4	13.269	S	75.079	W	104	D	4.9	1.0	99 CENTRAL PERU. Felt (III) at Ica and (II) at Lima.
	29	12	59	43.6&	34.312	N	118.562	W	2				17 SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 3.3 (GS).
	29	13	15	49.1&	34.285	N	118.631	W	2				9 SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.9 (GS).
	29	13	29	58.8	45.689	N	14.164	E	10	G		0.3	6 NORTHWESTERN BALKAN REGION. MD 2.6 (LJU), 2.2 (TRI).
	29	13	40	00.8%	38.659	N	27.421	E	10	G		0.4	5 TURKEY. ML 3.0 (ISK).
	29	13	53	14.0	37.096	N	20.917	E	59	*	4.2	1.0	41 IONIAN SEA. MD 4.1 (ATH).
	29	14	03	06.9&	34.298	N	118.568	W	3				42 SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.4 (GS).
	29	14	03	47.5&	34.296	N	118.565	W	3				4 SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 3.0 (GS).
	29	14	23	20.8&	64.756	N	146.741	W	12				41 CENTRAL ALASKA. <AEIC>. ML 2.8 (AEIC), 2.7 (PMR).
	29	14	58	11.1%	36.400	N	2.808	W	10	G		1.1	8 STRAIT OF GIBRALTAR. mbLg 3.4 (MDD). Felt (III) in the Adra area, Spain.
	29	15	00	59.0&	34.641	N	116.655	W	0				32 SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
	29	15	15	20.0?	28.87	N	34.79	E	10	G		0.9	4 EGYPT
	29	15	16	51.6%	38.730	N	27.342	E	5	G		0.7	7 TURKEY. ML 3.3 (ISK).
	29	15	18	18.4?	28.88	N	34.78	E	10	G		0.9	4 EGYPT
	29	15	30	22.0%	38.693	N	27.333	E	5	G		0.6	6 TURKEY. ML 3.0 (ISK).
	29	15	46	01.9	11.713	S	72.443	W	33	N	5.2	0.9	72 CENTRAL PERU
	29	16	03	58.1*	35.785	S	70.979	W	140	G	4.3	0.4	17 CHILE-ARGENTINA BORDER REGION. MD 4.3 (SAN).
	29	16	19	09.6&	34.184	N	118.622	W	4				11 SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 3.0 (GS).
	29	17	05	03.5%	37.268	N	4.211	W	10	G		1.1	10 SPAIN. mbLg 2.7 (MDD).
	29	17	22	52.5&	34.297	N	118.567	W	3				9 SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS), 2.7 (GS).
	29	17	59	21.2?	28.71	N	34.70	E	10	G		0.7	4 EGYPT
	29	18	20	43.5&	34.294	N	118.632	W	3				9 SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS), 2.8 (GS).
	29	18	28	34.2	24.643	N	94.723	E	94	*	4.5	1.4	17 MYANMAR-INDIA BORDER REGION
	29	19	25	44.5&	34.376	N	118.653	W	12				11 SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS), 2.7 (GS).
	29	20	17	40.2*	58.131	N	142.757	W	10	G	3.2	0.7	21 GULF OF ALASKA. ML 2.7 (AEIC).
	29	21	10	53.7&	61.265	N	149.712	W	17				56 SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	29	21	18	31.7*	21.531	S	179.343	W	620	*	5.0	0.7	19 FIJI ISLANDS REGION
	29	21	45	14.0&	34.311	N	118.473	W	8				52 SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 3.1 (GS).
	29	22	02	26.6?	31.73	S	69.53	W	100	G		0.3	4 SAN JUAN PROVINCE, ARGENTINA
	29	22	17	31.0*	36.523	N	71.613	E	33	N	4.1	1.1	8 AFGHANISTAN-TAJIKISTAN BORD REG.
	29	22	27	06.0*	7.345	S	128.643	E	142	*	4.7	0.9	12 BANDA SEA
	29	22	33	08.8&	37.891	N	118.570	W	2				11 CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM).
	29	23	45	07.4*	44.436	N	11.273	E	10	G		0.5	11 NORTHERN ITALY. ML 2.9 (LDG).
	29	23	46	28.2?	31.27	S	68.67	W	100	G		0.1	4 SAN JUAN PROVINCE, ARGENTINA
	30	00	12	28.6&	34.270	N	118.464	W	8				28 SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS), 2.9 (GS).
	30	00	50	16.5&	34.270	N	118.465	W	7				27 SOUTHERN CALIFORNIA. <PAS-P>. ML 2.5 (PAS), 2.7 (GS).
	30	00	56	04.0?	38.53	N	27.45	E	10	G		0.1	4 TURKEY. ML 2.9 (ISK).
	30	01	16	12.9%	44.547	N	7.295	E	10	G		0.2	8 NORTHERN ITALY. ML 2.3 (GEN).
	30	03	03	44.4	34.316	N	118.507	W	5	G		0.8	26 SOUTHERN CALIFORNIA. ML 2.6 (GS).
	30	03	13	49.3&	63.256	N	151.104	W	12				56 CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC).
	30	03	20	18.6?	11.53	S	119.75	E	33	N	4.0	1.2	6 SOUTH OF SUMBA, INDONESIA
	30	03	21	21.8*	10.796	S	165.938	E	33	N	4.6	1.0	8 SANTA CRUZ ISLANDS
	30	03	55	49.2%	38.682	N	27.326	E	5	G		0.3	5 TURKEY. ML 3.1 (ISK).
	30	04	22	09.8?	35.24	S	71.31	W	110	G		0.2	10 CENTRAL CHILE. MD 3.8 (SAN).
	30	04	22	55.6&	34.961	N	116.560	W	6	G			34 SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.4 (GS).
	30	04	59	39.4&	34.253	N	118.466	W	15				28 SOUTHERN CALIFORNIA. <PAS-P>. ML 2.5 (PAS), 2.7 (GS).
	30	05	33	24.1?	28.68	S	70.91	W	152	?		0.7	16 CENTRAL CHILE
	30	06	35	36.1&	34.365	N	118.562	W	5				9 SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS), 2.7 (GS).
	30	07	47	00.5	41.000	N	22.829	E	5	G		0.7	9 NORTHWESTERN BALKAN REGION. ML 2.5 (SKO), 2.2 (THE).
	30	08	19	06.0&	34.280	N	118.482	W	3				41 SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 3.0 (GS).
	30	09	19	56.4&	34.315	N	118.556	W	2				50 SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.5 (GS).
	30	10	16	14.9?	38.84	N	30.19	E	10	G		0.3	4 TURKEY. ML 2.8 (ISK).
	30	10	44	40.4&	34.378	N	118.568	W	3				48 SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.3 (GS).
	30	10	53	55.5&	67.900	N	144.178	W	12				53 NORTHERN ALASKA. <AEIC>. ML 3.8 (AEIC), 4.1 (PMR).
	30	10	54	30.1	34.311	N	118.491	W	5	G		0.6	27 SOUTHERN CALIFORNIA. ML 2.7 (GS).
	30	11	15	56.9	43.717	N	138.882	E	247	*	4.3	0.7	17 EASTERN SEA OF JAPAN
	30	13	22	39.8&	34.335	N	118.539	W	6	G			6 SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS), 2.6 (GS).
	30	15	50	43.0&	35.824	N	121.285	W	4				39 CENTRAL CALIFORNIA. <GM-P>. MD 2.8 (GM). ML 3.1 (GS), 2.8 (PAS).
	30	16	04	50.6	24.982	S	68.993	W	90		4.5	0.7	16 CHILE-ARGENTINA BORDER REGION
	30	17	01	42.4&	34.306	N	118.445	W	7				30 SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS), 2.9 (GS).
	30	17	53	21.9&	35.829	N	121.286	W	8				41 CENTRAL CALIFORNIA. <GM-P>. MD 2.9 (GM). ML 2.7 (PAS).
	30	18	15	44.7?	33.88	S	179.08	W	165	?	4.7	1.3	14 SOUTH OF KERMADEC ISLANDS
	30	19	06	07.2	42.752	N	111.124	W	5	G		0.5	34 EASTERN IDAHO. ML 3.2 (GS).
	30	19	17	13.1?	10.18	S	119.85	E	33	N	4.3	1.4	7 SUMBA REGION, INDONESIA
	30	19	29	55.4	46.554	N	1.163	E	14			0.3	19 FRANCE. ML 2.9 (LDG).
	30	20	10	01.9*	24.009	N	141.468	E	153	?	4.0	1.1	21 VOLCANO ISLANDS REGION
	30	20	46	21.0%	38.778	N	27.220	E	5	G		0.4	6 TURKEY. ML 3.0 (ISK).
	30	20	55	45.5%	31.295	S	68.665	W	100	G		0.3	5 SAN JUAN PROVINCE, ARGENTINA
a	30	20	57	43.4	29.184	S	177.589	W	61	D	5.6	1.1	247 KERMADEC ISLANDS, NEW ZEALAND. Mw 6.0 (HRV). Ms 5.8 (BRK). Mo=1.6*10**18 Nm (PPT). Felt on Raoul Island.
	30	22	00	26.3*	35.667	N	67.686	E	33	N	5.0	1.2	11 HINDU KUSH REGION, AFGHANISTAN
	30	22	01	01.6*	41.836	N	67.318	E	33	N	4.4	1.1	7 CENTRAL KAZAKHSTAN
	30	22	43	43.0	45.265	N	150.049	E	51	D	4.6	0.8	68 KURIL ISLANDS
	30	23	47	47.3%	41.100	N	23.612	E	5	G		0.5	6 GREECE-BULGARIA BORDER REGION. ML 2.2 (THE).
	31	00	14	40.8?	31.65	S	116.94	E	10	G		0.1	4 WESTERN AUSTRALIA
	31	00	49	09.7	39.344	N	25.087	E	10	G		1.1	12 AEGEAN SEA. ML 3.1 (THE). MD 3.2 (ATH).
	31	01	04	15.3*	40.663	N	29.779	E	10	G		0.6	7 TURKEY. ML 2.8 (ISK).
	31	01	28	04.7*	6.791	S	130.233	E	33	N	4.6	1.3	11 BANDA SEA
	31	01	33	24.6?	38.63	N	27.51	E	10	G		0.1	4 TURKEY. ML 2.9 (ISK).
	31	01	34	41.8%	26.868	S	26.832	E	5	G		0.4	6 REPUBLIC OF SOUTH AFRICA. ML 2.4 (PRE).
	31	02	36	13.2	7.520	S	73.733	W	19	D	4.7	1.0	28 PERU-BRAZIL BORDER REGION
	31	02	40	30.0%	47.232	N	0.714	W	10	G		0.8	18 FRANCE. ML 3.3 (LDG).
	31	04	30	50.0?	32.42	S	71.80	W	10	G		0.5	10 NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).

	31	04 55 50.2&	34.293	N	118.623	W	3				34	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.4 (GS).
	31	05 20 15.7&	34.289	N	118.619	W	3				10	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.9 (GS).
	31	07 00 02.6*	32.853	S	71.226	W	30	*		1.3	12	NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	31	07 12 56.7	45.047	N	7.376	E	23			0.5	14	NORTHERN ITALY. ML 2.4 (GEN).
	31	07 23 33.8	43.774	N	8.604	E	14			0.6	17	CORSICA. ML 2.6 (GEN), 2.3 (LDG), 1.9 (STR).
	31	07 23 56.1	39.445	N	21.330	E	5	G		0.7	8	GREECE. ML 2.6 (THE).
	31	07 43 58.2?	42.70	N	2.06	E	10	G		0.4	4	PYRENEES. ML 2.7 (LDG).
	31	07 49 15.4	0.174	S	122.962	E	95	D	4.8	1.2	29	MINAHASSA PENINSULA, SULAWESI
	31	08 38 46.9	29.552	N	81.790	E	35	*	4.7	1.2	35	NEPAL
	31	08 52 21.5&	38.783	N	27.241	E	5	G		0.2	5	TURKEY. ML 3.1 (ISK).
	31	09 29 34.6&	36.667	N	3.016	W	10	G		1.1	5	STRAIT OF GIBRALTAR. mbLg 2.7 (MDD).
	31	09 34 31.3	34.319	N	118.499	W	5	G		0.8	28	SOUTHERN CALIFORNIA. ML 2.7 (GS).
a	31	09 57 35.7*	37.132	S	52.395	E	10	G	5.2 4.8	1.2	44	SOUTH INDIAN OCEAN. Mw 5.2 (HRV).
	31	09 58 56.4?	31.40	S	69.10	W	100	G		0.2	5	SAN JUAN PROVINCE, ARGENTINA
	31	10 06 59.4*	6.687	S	131.333	E	65	?	4.9	1.4	6	TANIMBAR ISLANDS REG., INDONESIA
	31	10 10 47.5*	14.894	N	93.418	W	10	G		1.3	9	NEAR COAST OF CHIAPAS, MEXICO
	31	11 10 06.5	33.781	N	135.534	E	66	*	4.7	0.4	17	NEAR S. COAST OF WESTERN HONSHU
	31	11 12 06.6&	38.735	N	27.264	E	10	G		0.8	5	TURKEY. ML 3.0 (ISK).
	31	11 36 18.2?	38.43	N	23.24	E	33	N		0.4	4	GREECE. ML 2.7 (THE).
	31	11 40 02.6?	36.47	N	70.93	E	181	?	3.8	1.0	7	HINDU KUSH REGION, AFGHANISTAN
	31	11 41 15.5&	34.289	N	118.427	W	7				32	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.8 (GS).
	31	12 27 09.9&	38.728	N	27.381	E	10	G		0.6	8	TURKEY. ML 3.4 (ISK).
	31	12 39 36.1	38.089	N	113.114	W	5	G		1.0	12	UTAH. ML 2.8 (GS).
	31	12 57 23.4*	8.459	S	120.595	E	155	?	5.0	1.1	9	FLORES REGION, INDONESIA
	31	12 57 42.1?	45.66	N	13.82	E	5	G		0.7	4	NORTHERN ITALY. MD 2.1 (TRI). ML 2.0 (VIE).
	31	13 13 06.1	31.676	S	70.172	W	134	?		0.7	15	CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
	31	13 34 57.5?	16.71	N	61.71	W	10	G		0.3	4	LEEWARD ISLANDS. ML 2.5 (FDF).
	31	13 58 38.8*	7.389	S	120.744	E	489	*	4.4	1.2	15	FLORES SEA
	31	14 08 22.6&	43.825	N	7.136	E	10	G		0.2	7	NEAR SOUTH COAST OF FRANCE. ML 2.2 (GEN).
	31	14 39 32.5&	15.293	N	60.745	W	70	G		0.4	6	LEEWARD ISLANDS
	31	15 22 05.6	39.802	N	25.524	E	5	G		0.5	8	AEGEAN SEA
	31	15 48 14.1?	36.66	N	2.97	W	10	G		1.0	4	STRAIT OF GIBRALTAR. mbLg 2.6 (MDD).
	31	16 23 34.5*	15.214	S	177.635	W	411	*	4.8	1.2	25	FIJI ISLANDS REGION
	31	16 46 19.0*	30.440	S	72.014	W	10	G		0.4	15	OFF COAST OF CENTRAL CHILE
	31	16 52 41.6?	41.16	N	22.97	E	10	G		1.4	4	NORTHWESTERN BALKAN REGION. ML 1.9 (THE).
	31	17 20 45.9	38.731	N	27.473	E	5			1.0	16	TURKEY. ML 3.6 (ISK), 3.2 (THE). MD 3.6 (ATH).
	31	17 38 14.3&	34.326	N	118.614	W	15				13	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.5 (PAS), 2.9 (GS).
	31	17 45 33.9	35.487	N	3.516	W	10	G		0.7	7	STRAIT OF GIBRALTAR. mbLg 3.0 (MDD).
	31	18 27 56.1	41.753	N	20.369	E	5	G		0.7	11	ALBANIA. ML 2.5 (TTG).
	31	19 26 45.5&	38.717	N	27.299	E	10	G		0.5	7	TURKEY. ML 3.3 (ISK).
	31	19 32 52.6	41.739	N	20.361	E	10	G		0.6	11	ALBANIA. ML 2.4 (TTG).
	31	19 34 36.4?	38.70	N	27.39	E	10	G		0.1	4	TURKEY. ML 3.0 (ISK).
	31	19 40 45.8&	59.844	N	136.816	W	1				13	SOUTHEASTERN ALASKA. <AEIC>. ML 3.0 (AEIC).
	31	20 05 00.9&	41.891	N	20.083	E	10	G		0.7	10	ALBANIA. ML 2.3 (TTG).
	31	20 48 52.1&	40.188	N	110.027	E	10	G		1.3	5	WESTERN NEI MONGOL, CHINA. ML 3.6 (BJI).
	31	21 28 06.4*	28.372	N	34.884	E	10	G		1.5	9	EGYPT. MD 4.0 (HLW). Felt.
	31	22 19 41.7?	8.10	S	128.62	E	152	?	3.6	0.5	6	TIMOR SEA
	31	22 57 18.7*	28.423	N	34.535	E	10	G		0.3	5	EGYPT. MD 4.0 (RYD).
	31	23 26 03.8?	38.92	N	26.37	E	10	G		0.4	4	AEGEAN SEA. ML 3.3 (ISK).
	31	23 37 03.4&	38.728	N	27.281	E	10	G		0.3	8	TURKEY. ML 3.3 (ISK).
	31	23 38 58.0&	38.753	N	27.202	E	10	G		0.5	8	TURKEY. ML 3.3 (ISK).
	31	23 46 48.1?	19.38	N	99.05	W	5	G		0.1	4	CENTRAL MEXICO
	31	23 55 30.6?	38.92	N	26.35	E	10	G		0.4	4	AEGEAN SEA. ML 3.2 (ISK).

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 02 32 12.49 4.627N 127.640E 123km
5.1mb (59 obs.)
TALAUD ISLANDS, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 9S, 10C
Centroid Location:
Origin Time 02:32: 9.0 1.0
Lat 4.50N 0.10 Lon 127.39E 0.13
Dep 125.5 5.8 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 4.98 Plg=78 Azm=289
N -0.22 8 159
P -4.76 9 67
Best Double Couple:Mo=4.9*10**16
NP1:Strike=148 Dip=36 Slip= 77
NP2: 344 55 100

02 04 12 11.36 37.291N 71.435E 101km
5.0mb (78 obs.)
AFGHANISTAN-TAJIKISTAN BORD REG.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 5S, 8C
Centroid Location:
Origin Time 04:12:15.6 1.3
Lat 37.30N FIX;Lon 71.46E FIX
Dep 106.111.9 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 5.82 Plg=17 Azm=145
N -0.17 15 50
P -5.64 67 280
Best Double Couple:Mo=5.7*10**16
NP1:Strike=257 Dip=31 Slip= -60
NP2: 43 63 -107

03 01 26 11.40 49.721N 126.768W 19km
5.3mb (84 obs.) 5.4Msz (27 obs.)
VANCOUVER ISLAND REGION
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 8 Dip=73 Slip= -90
NP2: 188 17 -90
Principal Axes:
T Plg=28 Azm= 98
P 62 278
Comment: The focal mechanism is poorly controlled and corresponds to normal faulting. The preferred fault plane is NP1.
RADIATED ENERGY
No. of sta: 6 Focal mech. M
Energy 1.0±0.3*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 19 No. of sta: 15
Principal Axes:
Scale 10**17 Nm
T Val= 3.76 Plg=11 Azm=129
N 1.25 52 26
P -5.00 36 228
Best Double Couple:Mo=4.4*10**17
NP1:Strike=262 Dip=57 Slip= -20
NP2: 3 73 -145
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 33S, 62C
Centroid Location:
Origin Time 01:26:14.7 0.3
Lat 49.41N 0.05 Lon 126.91W 0.05
Dep 21.4 2.1 Half-duration 1.5
Principal Axes:
Scale 10**17 Nm
T Val= 2.96 Plg=19 Azm=119
N -0.13 36 14
P -2.82 47 231
Best Double Couple:Mo=2.9*10**17
NP1:Strike=251 Dip=41 Slip= -26
NP2: 1 74 -128

03 05 52 27.61 36.028N 100.104E 8km
5.8mb (148 obs.) 5.5Msz (38 obs.)
QINGHAI, CHINA
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=313 Dip=43 Slip= 90
NP2: 133 47 90
Principal Axes:
T Plg=88 Azm= 43
P 2 223
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 5 Focal mech. F
Energy 7.2±0.9*10**12 Nm
MOMENT TENSOR SOLUTION
Dep 8 No. of sta: 5
Principal Axes:
Scale 10**17 Nm
T Val= 3.58 Plg=56 Azm=315
N 1.20 32 113
P -4.78 10 210
Best Double Couple:Mo=4.2*10**17
NP1:Strike=333 Dip=45 Slip= 139
NP2: 94 63 53

CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 35S, 68C
Centroid Location:
Origin Time 05:52:36.0 0.3
Lat 35.71N 0.03 Lon 100.51E 0.03
Dep 15.0 BDY Half-duration 1.7
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	4.23	67	169
N	0.07	18	309
P	-4.30	14	43

Best Double Couple:Mo=4.3*10**17
NP1:Strike=156 Dip=35 Slip= 123
NP2: 299 61 69

03 13 24 13.84 49.265S 164.222E 16km
6.0mb (46 obs.) 6.0Msz (49 obs.)
AUCKLAND ISLANDS REGION
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=140 Dip=72 Slip= 90
NP2: 320 18 90
Principal Axes:

	Plg=	Azm=
T	63	50
P	27	230

Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
RADIATED ENERGY
No. of sta: 5 Focal mech. M
Energy 1.3±0.1*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 11 No. of sta: 12
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	1.85	45	8
N	-0.20	44	175
P	-1.66	6	271

Best Double Couple:Mo=1.8*10**18
NP1:Strike= 39 Dip=54 Slip= 149
NP2: 148 65 40
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 52S, **C M.W.: 30S, 48C
Centroid Location:
Origin Time 13:24:22.2 0.1
Lat 49.16S 0.01 Lon 164.19E 0.01
Dep 26.3 0.7 Half-duration 2.7
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	1.61	47	358
N	-0.17	42	162
P	-1.44	8	259

Best Double Couple:Mo=1.5*10**18
NP1:Strike= 27 Dip=52 Slip= 148
NP2: 138 65 43

04 19 31 59.88 4.301S 135.145E 11km
5.8mb (60 obs.) 6.0Msz (55 obs.)
IRIAN JAYA REGION, INDONESIA
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=175 Dip=86 Slip=-174
NP2: 85 84 -4
Principal Axes:

	Plg=	Azm=
T	1	310
P	7	40

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 8.6±2.1*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 15 No. of sta: 9
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	10.15	6	136
N	-1.00	84	313
P	-9.14	0	46

Best Double Couple:Mo=9.6*10**17
NP1:Strike=181 Dip=86 Slip= 176
NP2: 271 86 4
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 49S, **C M.W.: 32S, 37C
Centroid Location:
Origin Time 19:32: 3.9 0.1
Lat 4.27S 0.01 Lon 135.05E 0.01
Dep 20.2 1.1 Half-duration 2.3
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	9.27	4	124
N	-0.64	84	252
P	-8.63	5	33

Best Double Couple:Mo=8.9*10**17
NP1:Strike=168 Dip=84 Slip=-179
NP2: 78 89 -6

04 23 46 47.71 16.413N 145.603E 535km
5.2mb (83 obs.)
MARIANA ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 25S, 29C
Centroid Location:
Origin Time 23:46:51.6 0.3
Lat 16.38N 0.03 Lon 145.71E 0.03
Dep 544.3 2.3 Half-duration 1.2
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	2.13	4	71
N	-0.31	1	341
P	-1.82	86	240

Best Double Couple:Mo=2.0*10**17
NP1:Strike=162 Dip=41 Slip= -89
NP2: 340 49 -91

05 04 24 36.95 16.671N 145.631E 592km
5.4mb (112 obs.)
MARIANA ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 37S, 55C
Centroid Location:
Origin Time 04:24:40.1 0.3
Lat 16.65N 0.04 Lon 145.83E 0.03
Dep 601.2 2.0 Half-duration 1.5
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	2.96	8	296
N	-0.55	18	203
P	-2.41	70	49

Best Double Couple:Mo=2.7*10**17
NP1:Strike= 46 Dip=40 Slip= -61
NP2: 190 56 -112

05 13 24 09.95 39.085N 15.145E 273km
5.7mb (112 obs.)
SOUTHERN ITALY
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 35 Dip=76 Slip= -60
NP2: 148 33 -153
Principal Axes:

	Plg=	Azm=
T	25	102
P	50	338

Comment: The focal mechanism is well controlled and corresponds to normal faulting with a moderate strike-slip component. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 14 Focal mech. F
Energy 4.0±1.0*10**12 Nm
MOMENT TENSOR SOLUTION
Dep 272 No. of sta: 23
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	6.09	17	117
N	-1.36	27	216
P	-4.73	57	358

Best Double Couple:Mo=5.4*10**17
NP1:Strike=172 Dip=36 Slip=-140
NP2: 48 68 -60
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 50S, **C
Centroid Location:
Origin Time 13:24:15.7 0.2
Lat 39.10N 0.02 Lon 15.39E 0.02
Dep 294.8 0.8 Half-duration 1.9
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	5.83	27	103
N	0.32	30	210
P	-6.15	48	339

Best Double Couple:Mo=6.0*10**17
NP1:Strike=146 Dip=33 Slip=-157
NP2: 37 78 -60

07 03 42 42.90 52.028N 159.019E 55km
5.6mb (138 obs.)
OFF EAST COAST OF KAMCHATKA
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 40 Dip=68 Slip= 100
NP2: 195 24 67
Principal Axes:

	Plg=	Azm=
T	66	327
P	22	122

Comment: The focal mechanism is moderately well controlled and corresponds to reverse faulting with a small left-lateral strike-slip component. The preferred fault plane is NP2.
RADIATED ENERGY
No. of sta: 8 Focal mech. F
Energy 4.0±1.3*10**11 Nm
MOMENT TENSOR SOLUTION
Dep 34 No. of sta: 23
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	4.04	76	347
N	0.00	7	225
P	-4.04	12	134

Best Double Couple:Mo=4.0*10**17
NP1:Strike=214 Dip=34 Slip= 77
NP2: 50 57 99
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 47S, 97C
Centroid Location:
Origin Time 03:42:44.3 0.2
Lat 51.74N 0.02 Lon 159.58E 0.02
Dep 45.1 1.2 Half-duration 1.6
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	3.47	77	14
N	0.72	12	215
P	-4.20	5	124

Best Double Couple:Mo=3.8*10**17
NP1:Strike=201 Dip=42 Slip= 71
NP2: 45 51 106

07 19 23 53.34 0.591S 98.601E 30km
5.6mb (78 obs.) 5.3Msz (26 obs.)
SOUTHERN SUMATERA, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 27S, 42C
Centroid Location:
Origin Time 19:23:59.8 0.4
Lat 0.67S 0.04 Lon 98.41E 0.04
Dep 30.0 BDY Half-duration 1.7
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	2.93	61	51
N	-0.07	7	307
P	-2.87	27	213

Best Double Couple:Mo=2.9*10**17
NP1:Strike=285 Dip=19 Slip= 67
NP2: 129 73 98

09 21 29 01.90 48.482N 154.491E 65km
5.9mb (192 obs.)
KURIL ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=230 Dip=80 Slip= 90
NP2: 50 10 90
Principal Axes:

	Plg=	Azm=
T	55	140
P	35	320

Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 7 Focal mech. F
Energy 1.9±0.7*10**12 Nm
MOMENT TENSOR SOLUTION
Dep 56 No. of sta: 4
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.08	54	103
N	-0.10	27	236
P	-0.99	23	338

Best Double Couple:Mo=1.0*10**17
NP1:Strike=108 Dip=33 Slip= 147
NP2: 227 73 62
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN

L.P.B.: 23S, 41C
Centroid Location:
Origin Time 21:29: 2.5 0.4
Lat 48.42N 0.04 Lon 154.84E 0.07
Dep 77.9 4.8 Half-duration 1.2
Principal Axes:
Scale 10**16 Nm
T Val= 12.08 Plg=59 Azm=100
N 0.71 10 207
P -12.79 29 303
Best Double Couple:Mo=1.2*10**17
NP1:Strike= 60 Dip=18 Slip= 124
NP2: 205 75 79

10 15 53 50.11 13.339S 69.446W 596km
6.4mb (105 obs.)
PERU-BOLIVIA BORDER REGION
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=105 Dip=80 Slip= -90
NP2: 285 10 -90
Principal Axes:
T Plg=35 Azm=195
P 55 15
Comment: The focal mechanism is poorly controlled and corresponds to normal faulting. The preferred fault plane is NP1.
RADIATED ENERGY
No. of sta: 24 Focal mech. F
Energy 4.9±0.9*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 607 No. of sta: 20
Principal Axes:
Scale 10**19 Nm
T Val= 2.65 Plg=32 Azm=223
N -0.03 28 114
P -2.61 45 352
Best Double Couple:Mo=2.6*10**19
NP1:Strike= 7 Dip=29 Slip= -15
NP2: 110 83 -118
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 55S, **C M.W.: 44S, 83C
Centroid Location:
Origin Time 15:53:58.7 0.1
Lat 13.28S 0.01 Lon 69.27W 0.01
Dep 603.6 0.6 Half-duration 6.3
Principal Axes:
Scale 10**19 Nm
T Val= 2.29 Plg=31 Azm=183
N 0.42 6 277
P -2.71 58 18
Best Double Couple:Mo=2.5*10**19
NP1:Strike=253 Dip=15 Slip=-116
NP2: 99 77 -83

11 00 51 56.38 25.231N 97.203E 10km
6.0mb (123 obs.) 5.9Msz (29 obs.)
MYANMAR-CHINA BORDER REGION
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=280 Dip=50 Slip= -90
NP2: 100 40 -90
Principal Axes:
T Plg= 5 Azm= 10
P 85 190
Comment: The focal mechanism is poorly controlled and corresponds to normal faulting. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 9 Focal mech. M
Energy 2.5±0.7*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 14 No. of sta: 8
Principal Axes:
Scale 10**17 Nm
T Val= 9.42 Plg= 4 Azm=179
N -0.57 18 88
P -8.85 72 282
Best Double Couple:Mo=9.1*10**17
NP1:Strike=287 Dip=44 Slip= -64
NP2: 73 52 -113
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 41S, 90C
Centroid Location:
Origin Time 00:52: 4.2 0.2
Lat 24.80N 0.03 Lon 97.40E 0.03
Dep 15.0 BDY Half-duration 2.7
Principal Axes:
Scale 10**18 Nm
T Val= 1.64 Plg=20 Azm= 12
N -0.07 2 282
P -1.57 70 186
Best Double Couple:Mo=1.6*10**18
NP1:Strike=106 Dip=25 Slip= -85
NP2: 281 65 -92

11 07 22 51.52 35.959N 21.945E 33km
5.4mb (103 obs.) 5.4Msz (29 obs.)
CENTRAL MEDITERRANEAN SEA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 23S, 39C
Centroid Location:
Origin Time 07:22:52.9 0.4
Lat 35.70N 0.03 Lon 21.58E 0.06
Dep 33.0 FIX Half-duration 1.2
Principal Axes:
Scale 10**17 Nm
T Val= 1.74 Plg=41 Azm=293
N 0.39 49 118
P -2.13 2 25
Best Double Couple:Mo=1.9*10**17
NP1:Strike= 77 Dip=61 Slip= 30
NP2: 332 64 147

12 10 10 25.89 57.940S 25.655W 33km
5.2mb (12 obs.) 5.5Msz (1 obs.)
SOUTH SANDWICH ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 21S, 27C
Centroid Location:
Origin Time 10:10:33.8 0.4
Lat 58.04S 0.06 Lon 24.65W 0.08
Dep 47.8 4.1 Half-duration 1.5
Principal Axes:
Scale 10**17 Nm
T Val= 1.05 Plg=83 Azm=166
N -0.12 7 346
P -0.93 0 76
Best Double Couple:Mo=1.0*10**17
NP1:Strike=174 Dip=45 Slip= 100
NP2: 339 45 80

12 10 22 51.37 39.247N 75.493E 28km
5.3mb (98 obs.) 5.2Msz (10 obs.)
SOUTHERN XINJIANG, CHINA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 18S, 23C
Centroid Location:
Origin Time 10:22:57.6 1.4
Lat 39.15N 0.10 Lon 76.53E 0.08
Dep 32.0 FIX Half-duration 1.2
Principal Axes:
Scale 10**17 Nm
T Val= 2.15 Plg=41 Azm=262
N -0.09 49 76
P -2.06 3 170
Best Double Couple:Mo=2.1*10**17
NP1:Strike=298 Dip=60 Slip= 151
NP2: 44 65 34

13 09 43 06.50 17.350S 14.486W 10km
5.7mb (91 obs.)
SOUTHERN MID-ATLANTIC RIDGE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 20C
Centroid Location:
Origin Time 09:43:15.9 0.6
Lat 17.31S 0.08 Lon 14.76W 0.05
Dep 15.0 FIX Half-duration 1.2
Principal Axes:
Scale 10**16 Nm
T Val= 6.50 Plg=90 Azm=180
N -1.27 0 156
P -5.23 0 66
Best Double Couple:Mo=5.9*10**16
NP1:Strike=156 Dip=45 Slip= 90
NP2: 336 45 90

14 14 42 10.10 59.653S 26.397W 33km
5.1mb (9 obs.)
SOUTH SANDWICH ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 7S, 11C
Centroid Location:
Origin Time 14:42:19.3 0.7
Lat 59.68S FIX;Lon 26.48W FIX
Dep 15.0 FIX Half-duration 2.1
Principal Axes:
Scale 10**17 Nm
T Val= 5.27 Plg= 4 Azm= 17
N -1.13 38 284
P -4.13 51 112
Best Double Couple:Mo=4.7*10**17
NP1:Strike=140 Dip=53 Slip= -39
NP2: 256 60 -136

15 07 42 24.52 1.979N 126.845E 28km
5.6mb (69 obs.)
NORTHERN MOLUCCA SEA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 45S, 79C
Centroid Location:
Origin Time 07:42:36.3 0.2
Lat 2.00N 0.02 Lon 126.85E 0.02
Dep 104.5 1.4 Half-duration 1.3
Principal Axes:
Scale 10**17 Nm
T Val= 5.66 Plg=40 Azm=171
N -2.17 29 53
P -3.50 36 299
Best Double Couple:Mo=4.6*10**17
NP1:Strike=328 Dip=29 Slip= 4
NP2: 234 88 119

15 17 03 31.00 20.849S 173.926W 36km
5.5mb (69 obs.) 5.6Msz (45 obs.)
TONGA ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 43S, 80C
Centroid Location:
Origin Time 17:03:33.8 0.2
Lat 20.93S 0.03 Lon 173.36W 0.02
Dep 38.0 FIX Half-duration 1.7
Principal Axes:
Scale 10**17 Nm
T Val= 3.28 Plg=71 Azm=317
N 0.27 10 196
P -3.55 16 103
Best Double Couple:Mo=3.4*10**17
NP1:Strike=178 Dip=30 Slip= 69
NP2: 22 62 102

15 23 07 09.07 0.070N 123.648E 129km
5.3mb (58 obs.)
MINAHASSA PENINSULA, SULAWESI
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 18C
Centroid Location:
Origin Time 23:07:13.2 0.6
Lat 0.17N 0.07 Lon 123.84E 0.07
Dep 116.2 3.6 Half-duration 1.3
Principal Axes:
Scale 10**16 Nm
T Val= 7.27 Plg=89 Azm=289
N -1.89 0 199
P -5.38 1 109
Best Double Couple:Mo=6.3*10**16
NP1:Strike=199 Dip=44 Slip= 90
NP2: 19 46 90

16 10 18 40.06 20.365S 175.376W 33km
4.8mb (8 obs.) 5.0Msz (1 obs.)
TONGA ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 39S, 76C
Centroid Location:
Origin Time 10:18:39.9 0.3
Lat 20.67S 0.04 Lon 175.24W 0.03
Dep 15.0 FIX Half-duration 1.5
Principal Axes:
Scale 10**17 Nm
T Val= 1.51 Plg=73 Azm=320
N -0.43 17 132
P -1.08 2 223
Best Double Couple:Mo=1.3*10**17
NP1:Strike=330 Dip=45 Slip= 115
NP2: 117 50 67

16 19 48 50.86 15.053S 173.606W 29km
5.0mb (17 obs.) 4.9Msz (6 obs.)
TONGA ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 25C
Centroid Location:
Origin Time 19:48:56.7 0.6

Lat 14.77S FIX;Lon 173.98W FIX
Dep 15.0 FIX Half-duration 1.2
Principal Axes:
Scale 10**16 Nm
T Val= 9.49 Plg=14 Azm=122
N -3.44 70 254
P -6.04 14 29
Best Double Couple:Mo=7.8*10**16
NP1:Strike=166 Dip=70 Slip=-180
NP2: 76 90 -20

16 20 12 18.70 7.483S 128.449E 145km
5.2mb (41 obs.)
BANDA SEA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 5S, 7C
Centroid Location:
Origin Time 20:12:20.6 1.1
Lat 7.53S FIX;Lon 128.41E FIX
Dep 146.8 4.4 Half-duration 1.1
Principal Axes:
Scale 10**16 Nm
T Val= 14.09 Plg=43 Azm=198
N -2.39 46 34
P -11.70 8 295
Best Double Couple:Mo=1.3*10**17
NP1:Strike=347 Dip=54 Slip= 29
NP2: 239 67 141

17 07 19 42.90 24.940N 122.931E 129km
5.1mb (76 obs.)
TAIWAN REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 16S, 19C
Centroid Location:
Origin Time 07:19:42.5 0.5
Lat 24.63N 0.07 Lon 122.88E 0.08
Dep 126.8 3.4 Half-duration 1.3
Principal Axes:
Scale 10**16 Nm
T Val= 12.02 Plg=29 Azm= 20
N -1.56 54 158
P -10.46 20 278
Best Double Couple:Mo=1.1*10**17
NP1:Strike= 56 Dip=54 Slip= 173
NP2: 150 85 36

17 12 30 55.39 34.213N 118.537W 18km
6.4mb (142 obs.) 6.8Msz (38 obs.)
SOUTHERN CALIFORNIA
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=282 Dip=60 Slip= 112
NP2: 63 37 57
Principal Axes:
T Plg=67 Azm=235
P 12 356
Comment: The focal mechanism is moderately well controlled and corresponds to reverse faulting with a moderate left-lateral strike-slip component. The preferred fault plane is NP2.
RADIATED ENERGY
No. of sta: 16 Focal mech. M
Energy 1.1±0.1*10**14 Nm
MOMENT TENSOR SOLUTION
Dep 21 No. of sta: 17
Principal Axes:
Scale 10**19 Nm
T Val= 1.15 Plg=76 Azm=125
N 0.04 13 284
P -1.19 5 15
Best Double Couple:Mo=1.2*10**19
NP1:Strike=119 Dip=42 Slip= 110
NP2: 274 51 73
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 43S, **C M.W.: 42S, 83C
Centroid Location:
Origin Time 12:31: 3.5 0.1
Lat 34.44N 0.01 Lon 118.64W 0.01
Dep 16.8 0.4 Half-duration 5.4
Principal Axes:
Scale 10**19 Nm
T Val= 1.20 Plg=73 Azm= 97
N -0.05 16 297
P -1.15 6 205
Best Double Couple:Mo=1.2*10**19
NP1:Strike=278 Dip=42 Slip= 65
NP2: 130 53 111

17 23 33 30.69 34.326N 118.698W 10km
5.7mb (85 obs.) 5.9Msz (27 obs.)
SOUTHERN CALIFORNIA
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 NP2.
RADIATED ENERGY
No. of sta: 10 Focal mech. M
Energy 8.0±2.0*10**12 Nm
MOMENT TENSOR SOLUTION
Dep 9 No. of sta: 16
Principal Axes:
Scale 10**17 Nm
T Val= 6.77 Plg=73 Azm=335
N -0.10 12 108
P -6.67 12 200
Best Double Couple:Mo=6.7*10**17
NP1:Strike=306 Dip=34 Slip= 111
NP2: 100 58 76
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 39S, 81C
Centroid Location:
Origin Time 23:33:35.2 0.2
Lat 34.22N 0.02 Lon 118.70W 0.02
Dep 15.0 FIX Half-duration 1.9
Principal Axes:
Scale 10**17 Nm
T Val= 6.32 Plg=90 Azm=309
N 1.32 0 116
P -7.64 0 206
Best Double Couple:Mo=7.0*10**17
NP1:Strike=296 Dip=45 Slip= 91
NP2: 115 45 89

19 01 53 34.90 3.176S 135.970E 23km
6.1mb (85 obs.) 6.8Msz (63 obs.)
IRIAN JAYA REGION, INDONESIA
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=285 Dip=52 Slip= 112
NP2: 72 43 64
Principal Axes:
T Plg=72 Azm=255
P 5 360
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting with a moderate strike-slip component. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 18 Focal mech. F
Energy 1.3±0.2*10**14 Nm
MOMENT TENSOR SOLUTION
Dep 29 No. of sta: 9
Principal Axes:
Scale 10**19 Nm
T Val= 1.39 Plg=65 Azm=234
N 0.03 24 74
P -1.42 7 340
Best Double Couple:Mo=1.4*10**19
NP1:Strike= 45 Dip=43 Slip= 53
NP2: 271 57 119
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 58S, **C M.W.: 49S, 99C
Centroid Location:
Origin Time 01:53:44.1 0.1
Lat 3.05S 0.01 Lon 135.91E 0.01
Dep 33.0 0.3 Half-duration 5.9
Principal Axes:
Scale 10**19 Nm
T Val= 1.45 Plg=66 Azm=217
N 0.01 17 83
P -1.46 16 348
Best Double Couple:Mo=1.5*10**19
NP1:Strike= 54 Dip=32 Slip= 57
NP2: 272 63 109

19 16 26 48.06 17.584S 178.495W 533km
5.4mb (63 obs.)
FIJI ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 51S, **C
Centroid Location:
Origin Time 16:26:55.9 0.2
Lat 17.37S 0.02 Lon 178.28W 0.01
Dep 561.0 0.8 Half-duration 2.6
Principal Axes:
Scale 10**18 Nm
T Val= 1.41 Plg=39 Azm=133
N -0.04 31 14
P -1.37 35 259
Best Double Couple:Mo=1.4*10**18
NP1:Strike=289 Dip=31 Slip= 4
NP2: 195 88 121

19 21 09 28.61 34.379N 118.711W 14km
5.1mb (25 obs.)
SOUTHERN CALIFORNIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 14S, 16C
Centroid Location:
Origin Time 21:09:29.5 1.6
Lat 34.02N 0.10 Lon 119.11W 0.10
Dep 15.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 9.56 Plg=89 Azm=143
N 0.54 1 289
P -10.09 1 19
Best Double Couple:Mo=9.8*10**16
NP1:Strike=110 Dip=44 Slip= 92
NP2: 288 46 88

20 05 50 10.65 23.976N 121.811E 36km
5.4mb (76 obs.) 5.3Msz (7 obs.)
TAIWAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 33S, 52C
Centroid Location:
Origin Time 05:50:15.1 0.2
Lat 24.11N 0.02 Lon 121.81E 0.03
Dep 70.5 2.3 Half-duration 1.4
Principal Axes:
Scale 10**17 Nm
T Val= 2.16 Plg=65 Azm=234
N 0.06 13 355
P -2.22 20 90
Best Double Couple:Mo=2.2*10**17
NP1:Strike=203 Dip=27 Slip= 120
NP2: 349 67 75

20 09 06 52.77 6.002S 77.052W 123km
5.8mb (90 obs.)
NORTHERN PERU
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=336 Dip=51 Slip= -90
NP2: 156 39 -90
Principal Axes:
T Plg= 6 Azm= 66
P 84 246
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 2.8±1.0*10**12 Nm
MOMENT TENSOR SOLUTION
Dep 126 No. of sta: 10
Principal Axes:
Scale 10**17 Nm
T Val= 5.25 Plg= 9 Azm=264
N 0.34 11 172
P -5.60 76 30
Best Double Couple:Mo=5.4*10**17
NP1:Strike= 7 Dip=38 Slip= -71
NP2: 164 55 -104
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 46S, 88C
Centroid Location:
Origin Time 09:06:56.8 0.2
Lat 6.05S 0.02 Lon 76.92W 0.02
Dep 126.1 0.8 Half-duration 1.8
Principal Axes:
Scale 10**17 Nm
T Val= 5.02 Plg=11 Azm=253
N -0.90 6 162
P -4.13 78 42
Best Double Couple:Mo=4.6*10**17
NP1:Strike=351 Dip=35 Slip= -79

NP2: 158 56 -97

20 23 04 36.48 3.877S 11.976W 10km
5.0mb (24 obs.) 4.9Msz (4 obs.)
NORTH OF ASCENSION ISLAND
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 16S, 21C
Centroid Location:
Origin Time 23:04:40.0 0.6
Lat 3.69S 0.06 Lon 11.77W 0.07
Dep 15.0 FIX Half-duration 1.7
Principal Axes:
Scale 10**17 Nm
T Val= 0.92 Plg=11 Azm=275
N 0.20 7 6
P -1.12 77 128
Best Double Couple:Mo=1.0*10**17
NP1:Strike=356 Dip=35 Slip=-102
NP2: 191 56 -82

21 02 24 29.96 1.015N 127.733E 20km
6.2mb (101 obs.) 7.2Msz (58 obs.)
HALMAHERA, INDONESIA
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=175 Dip=85 Slip= 21
NP2: 83 69 175
Principal Axes:
T Plg=18 Azm= 41
P 11 307
Comment: The focal mechanism is moderately well controlled and corresponds to strike-slip faulting with a moderate reverse component. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 12 Focal mech. F
Energy 5.1±1.3*10**15 Nm
MOMENT TENSOR SOLUTION
Dep 22 No. of sta: 6
Principal Axes:
Scale 10**19 Nm
T Val= 3.34 Plg=15 Azm= 33
N -0.19 69 166
P -3.15 15 299
Best Double Couple:Mo=3.2*10**19
NP1:Strike= 76 Dip=69 Slip=-180
NP2: 346 90 -21
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 53S, **C M.W.: 52S, **C
Centroid Location:
Origin Time 02:24:37.3 0.1
Lat 1.20N 0.01 Lon 127.80E 0.01
Dep 15.0 FIX Half-duration 7.5
Principal Axes:
Scale 10**19 Nm
T Val= 3.29 Plg=12 Azm= 39
N -0.10 65 158
P -3.19 21 305
Best Double Couple:Mo=3.2*10**19
NP1:Strike= 83 Dip=66 Slip=-174
NP2: 351 84 -24

21 18 00 17.67 4.859S 103.664E 90km
6.1mb (104 obs.)
SOUTHERN SUMATERA, INDONESIA
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 56 Dip=50 Slip= 128
NP2: 185 53 54
Principal Axes:
T Plg=62 Azm= 33
P 2 300
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 4.7±1.3*10**12 Nm
MOMENT TENSOR SOLUTION
Dep 101 No. of sta: 10
Principal Axes:
Scale 10**17 Nm
T Val= 8.78 Plg=70 Azm= 65
N -0.36 17 213
P -8.42 10 306
Best Double Couple:Mo=8.6*10**17
NP1:Strike= 56 Dip=38 Slip= 119
NP2: 202 57 69

CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 51S, 96C M.W.: 2S, 3C
Centroid Location:
Origin Time 18:00:22.0 0.1
Lat 5.13S 0.01 Lon 103.44E 0.02
Dep 99.3 0.9 Half-duration 2.3
Principal Axes:
Scale 10**17 Nm
T Val= 9.72 Plg=63 Azm= 51
N -0.30 26 217
P -9.42 5 310
Best Double Couple:Mo=9.6*10**17
NP1:Strike= 66 Dip=46 Slip= 128
NP2: 197 56 57

23 00 20 43.42 60.733S 154.360E 10km
4.6mb (7 obs.) 5.1Msz (2 obs.)
WEST OF MACQUARIE ISLAND
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 18S, 23C
Centroid Location:
Origin Time 00:20:54.4 0.5
Lat 60.42S 0.06 Lon 153.64E 0.09
Dep 15.0 FIX Half-duration 1.3
Principal Axes:
Scale 10**17 Nm
T Val= 2.23 Plg=17 Azm= 15
N 0.52 61 253
P -2.75 23 112
Best Double Couple:Mo=2.5*10**17
NP1:Strike=152 Dip=61 Slip= -5
NP2: 245 85 -151

24 16 11 24.19 1.005N 127.785E 25km
5.1mb (24 obs.) 4.6Msz (9 obs.)
HALMAHERA, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 20C
Centroid Location:
Origin Time 16:11:27.5 0.5
Lat 1.09N 0.06 Lon 127.45E 0.08
Dep 15.0 FIX Half-duration 1.1
Principal Axes:
Scale 10**17 Nm
T Val= 1.71 Plg=30 Azm= 22
N -0.49 30 272
P -1.22 45 146
Best Double Couple:Mo=1.5*10**17
NP1:Strike=163 Dip=32 Slip= -16
NP2: 267 82 -121

24 19 54 37.77 44.977N 149.791E 50km
5.4mb (85 obs.)
KURIL ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 32S, 61C
Centroid Location:
Origin Time 19:54:40.6 0.2
Lat 45.02N 0.02 Lon 149.90E 0.03
Dep 37.6 1.7 Half-duration 1.6
Principal Axes:
Scale 10**17 Nm
T Val= 3.46 Plg=70 Azm=285
N 0.37 6 31
P -3.83 19 124
Best Double Couple:Mo=3.7*10**17
NP1:Strike=224 Dip=26 Slip= 103
NP2: 29 64 83

25 05 41 19.22 1.543S 78.009W 168km
5.2mb (62 obs.)
ECUADOR
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 10S, 13C
Centroid Location:
Origin Time 05:41:20.3 0.7
Lat 1.72S 0.07 Lon 77.79W 0.07
Dep 154.3 3.0 Half-duration 1.5
Principal Axes:
Scale 10**17 Nm
T Val= 1.82 Plg=20 Azm= 68
N -0.40 28 327
P -1.42 55 188
Best Double Couple:Mo=1.6*10**17
NP1:Strike=195 Dip=35 Slip= -36
NP2: 316 70 -120

25 07 12 44.88 10.601N 41.715W 30km
5.3mb (61 obs.) 5.9Msz (55 obs.)
NORTHERN MID-ATLANTIC RIDGE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 54S, **C
Centroid Location:
Origin Time 07:12:51.0 0.1
Lat 10.84N 0.01 Lon 41.52W 0.01
Dep 15.0 FIX Half-duration 3.3
Principal Axes:
Scale 10**18 Nm
T Val= 2.64 Plg= 8 Azm= 45
N 0.07 82 243
P -2.72 2 136
Best Double Couple:Mo=2.7*10**18
NP1:Strike=181 Dip=83 Slip= 4
NP2: 90 86 173

26 10 03 51.29 41.728N 143.669E 32km
5.5mb (118 obs.) 5.1Msz (41 obs.)
HOKKAIDO, JAPAN REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 29S, 51C
Centroid Location:
Origin Time 10:03:53.9 0.3
Lat 41.66N 0.04 Lon 144.06E 0.05
Dep 17.7 2.3 Half-duration 1.4
Principal Axes:
Scale 10**17 Nm
T Val= 1.77 Plg=61 Azm=294
N 0.22 2 27
P -1.99 29 118
Best Double Couple:Mo=1.9*10**17
NP1:Strike=213 Dip=16 Slip= 96
NP2: 27 74 88

26 12 07 14.67 79.507N 4.008E 10km
5.1mb (78 obs.) 4.9Msz (36 obs.)
GREENLAND SEA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 25S, 38C
Centroid Location:
Origin Time 12:07:20.3 0.6
Lat 79.47N 0.08 Lon 3.93E 0.12
Dep 15.0 FIX Half-duration 1.1
Principal Axes:
Scale 10**16 Nm
T Val= 8.87 Plg= 0 Azm=103
N -0.92 0 13
P -7.95 90 180
Best Double Couple:Mo=8.4*10**16
NP1:Strike=193 Dip=45 Slip= -90
NP2: 13 45 -90

28 15 45 24.58 38.693N 27.493E 5km
5.2mb (107 obs.) 5.1Msz (38 obs.)
TURKEY
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 24S, 39C
Centroid Location:
Origin Time 15:45:32.3 1.0
Lat 38.97N 0.07 Lon 27.01E 0.07
Dep 15.0 BDY Half-duration 1.4
Principal Axes:
Scale 10**17 Nm
T Val= 1.54 Plg= 0 Azm=197
N 0.10 0 107
P -1.64 90 180
Best Double Couple:Mo=1.6*10**17
NP1:Strike=287 Dip=45 Slip= -90
NP2: 107 45 -90

30 20 57 43.48 29.184S 177.589W 61km
5.6mb (60 obs.)
KERMADEC ISLANDS, NEW ZEALAND
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 48S, **C
Centroid Location:
Origin Time 20:57:47.9 0.2
Lat 29.05S 0.02 Lon 177.05W 0.01
Dep 43.6 1.0 Half-duration 2.4
Principal Axes:
Scale 10**18 Nm
T Val= 1.09 Plg=75 Azm=279
N 0.18 2 15
P -1.27 15 105
Best Double Couple:Mo=1.2*10**18
NP1:Strike=198 Dip=30 Slip= 93
NP2: 14 60 88

```
31 09 57 35.78  37.132S  52.395E  10km
   5.2mb ( 15 obs.)  4.8Msz (  2 obs.)
   SOUTH INDIAN OCEAN
   CENTROID, MOMENT TENSOR    (HRV)
   Data Used: GDSN
   L.P.B.: 19S, 20C
   Centroid Location:
   Origin Time       09:57:40.7 0.6
   Lat 36.67S 0.05 Lon  52.38E 0.08
   Dep  15.0 FIX Half-duration  2.2
   Principal Axes:
     Scale 10**16 Nm
     T  Val=  8.21  Plg= 0  Azm=175
     N        0.08       0       85
     P       -8.30      90      180
   Best Double Couple:Mo=8.3*10**16
    NP1:Strike=265 Dip=45 Slip= -90
    NP2:        85     45       -90
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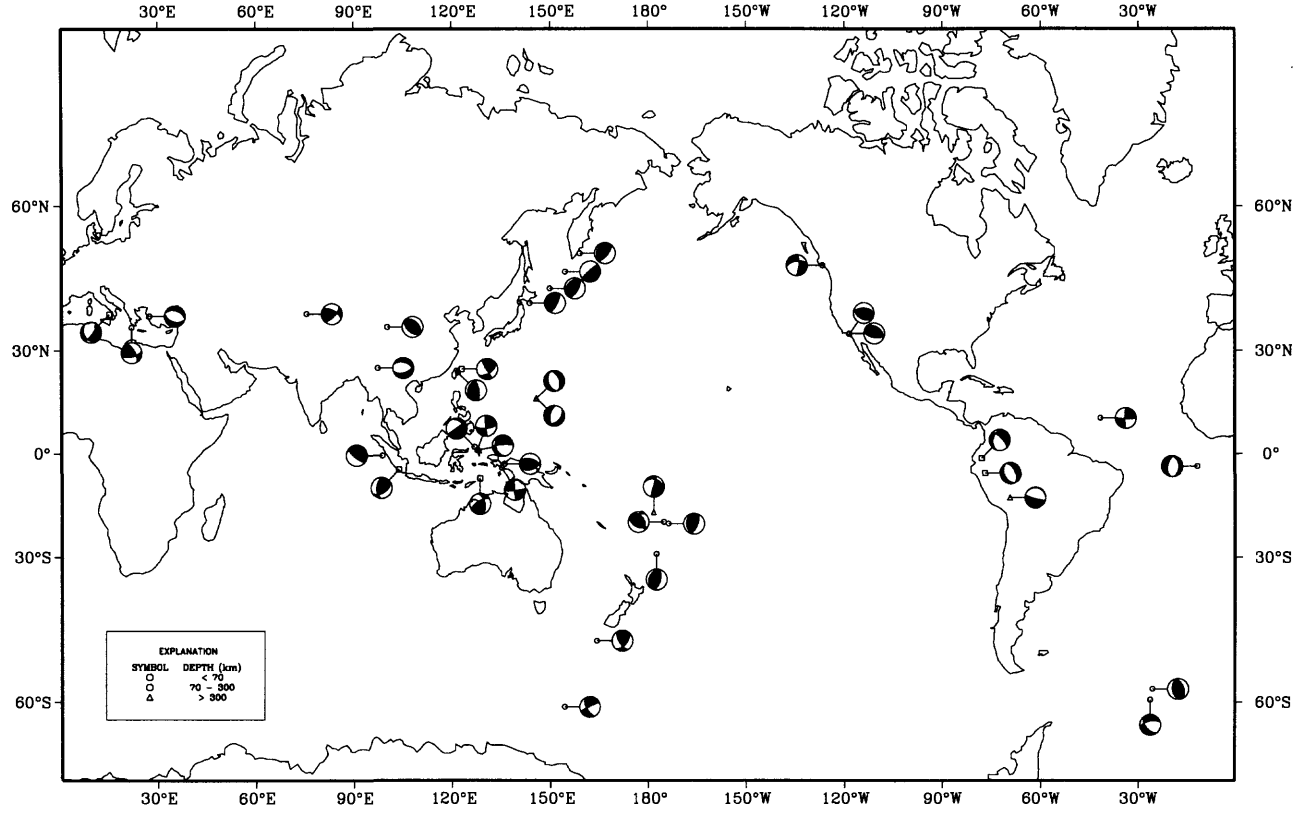
Compiled by Pingsheng Chang, Willis S. Jacobs, Stuart K. Koyanagi, Christina K. Lavonne, John H. Minsch, Russell E. Needham, Waverly J. Person, Bruce W. Presgrave, William H. Schmieder and Pamela J. Tatalaski.

Earthquake Focal Mechanisms for January 1994



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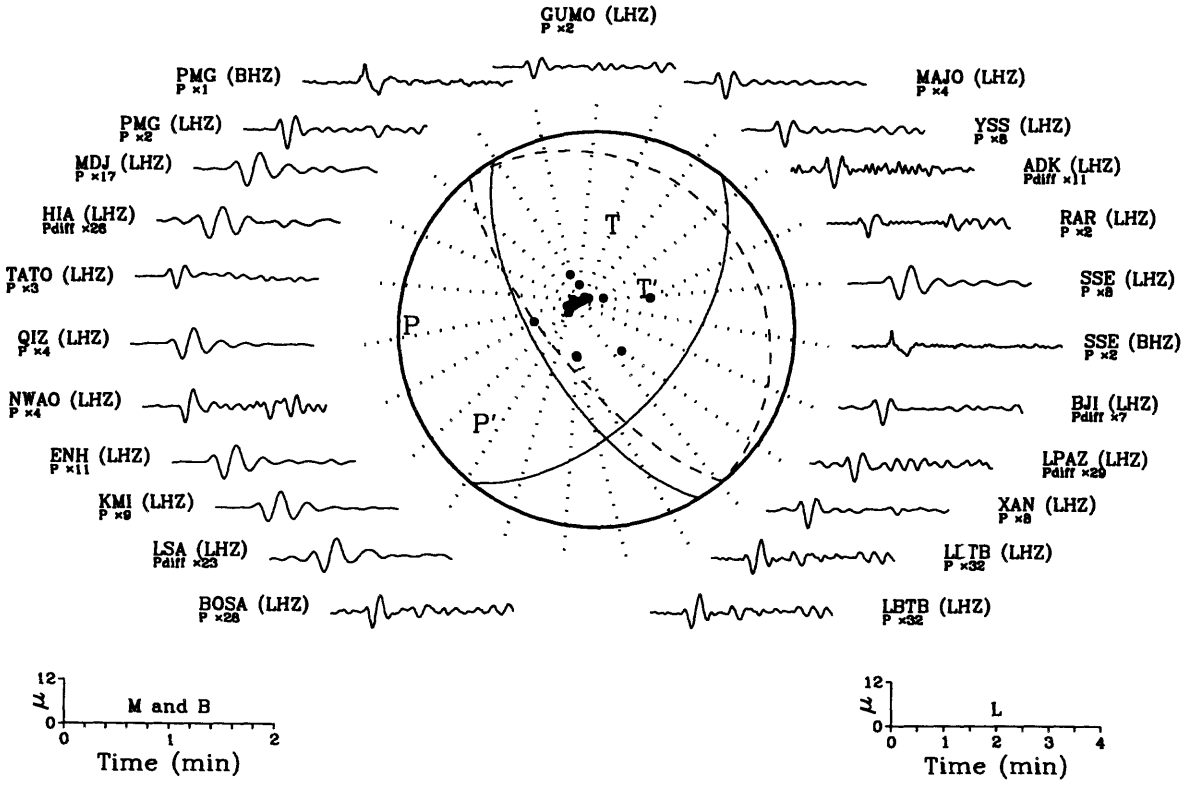

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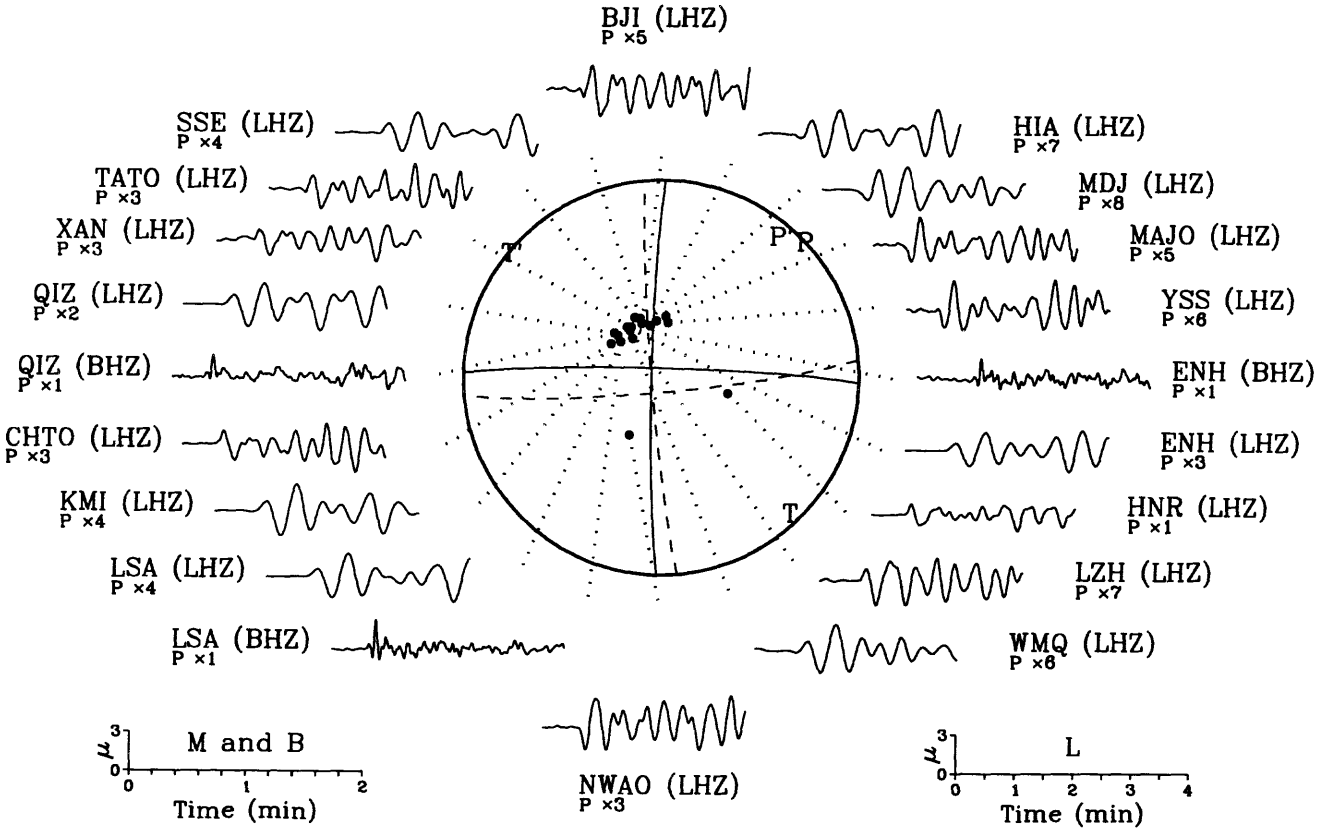

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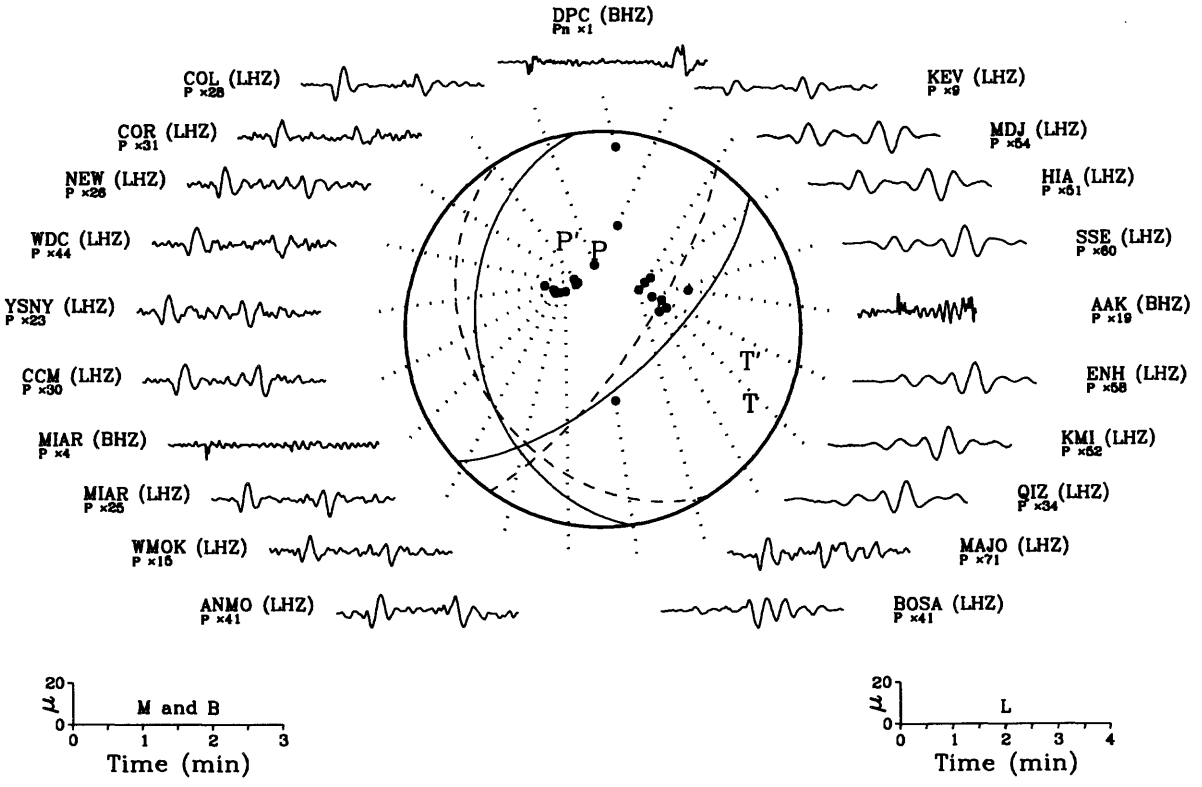

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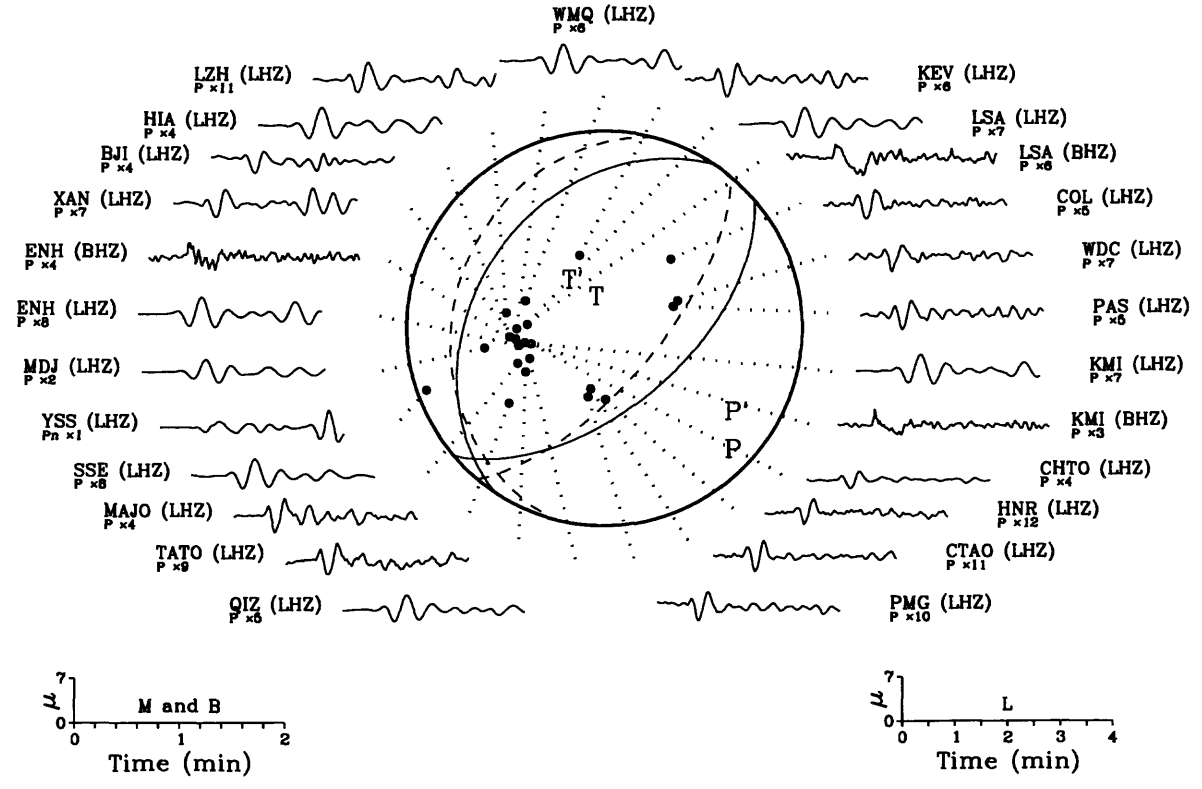

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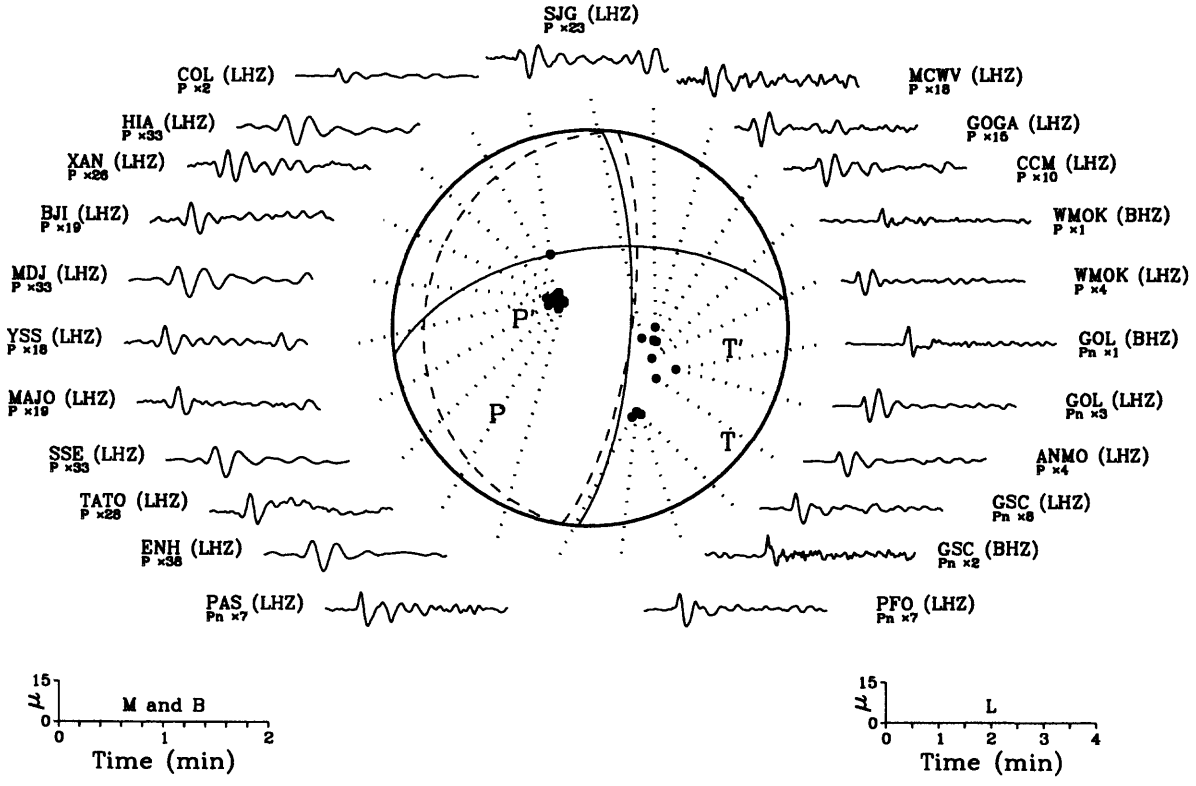

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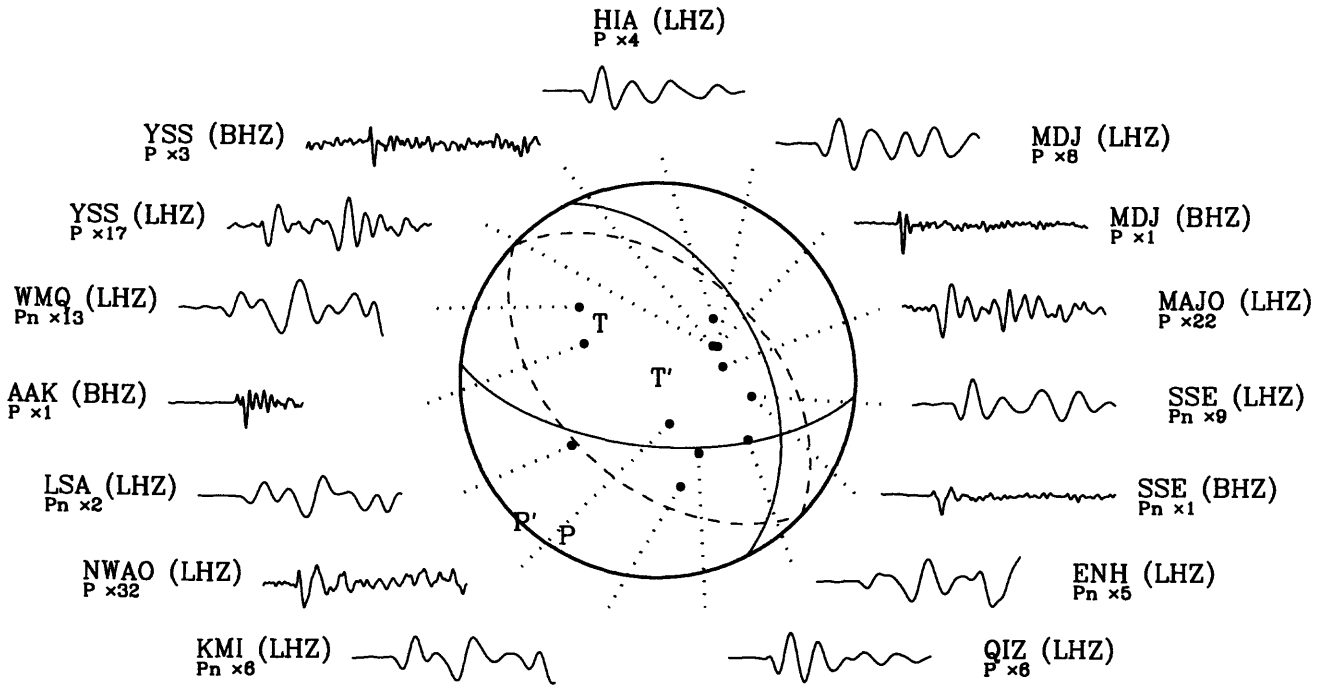

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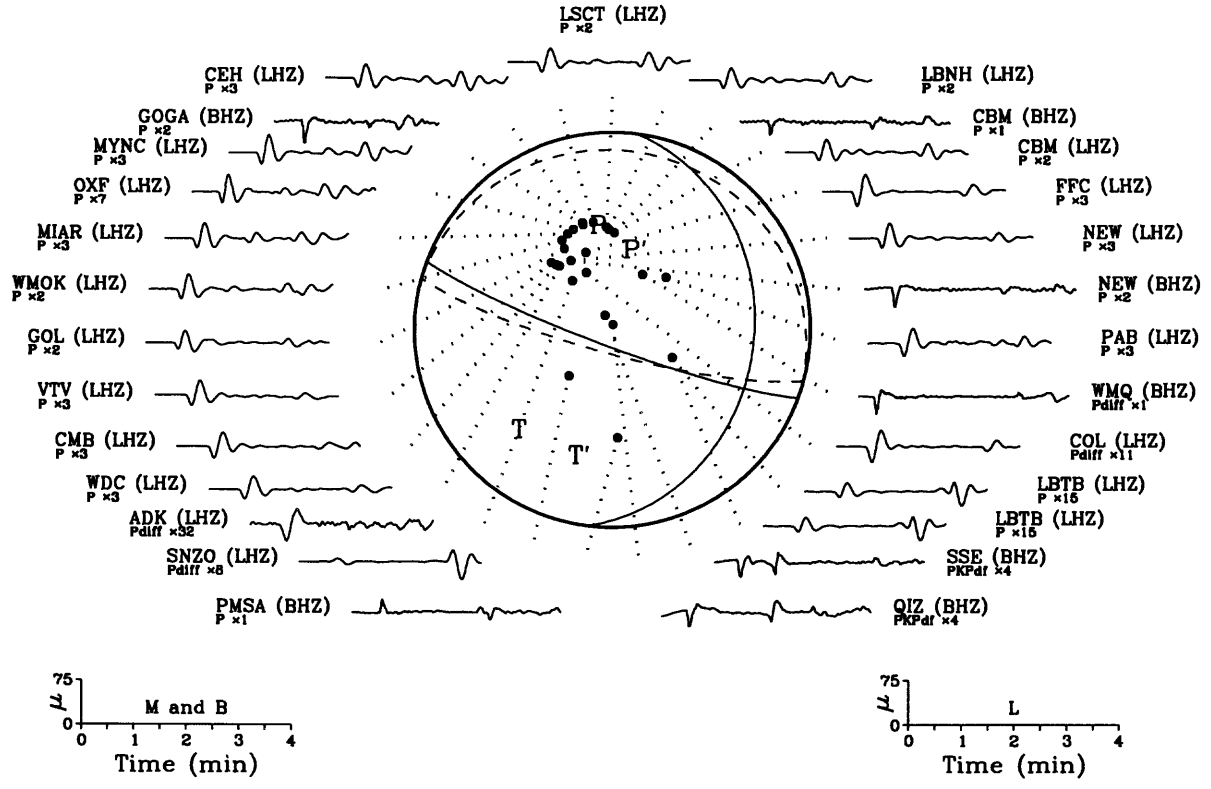

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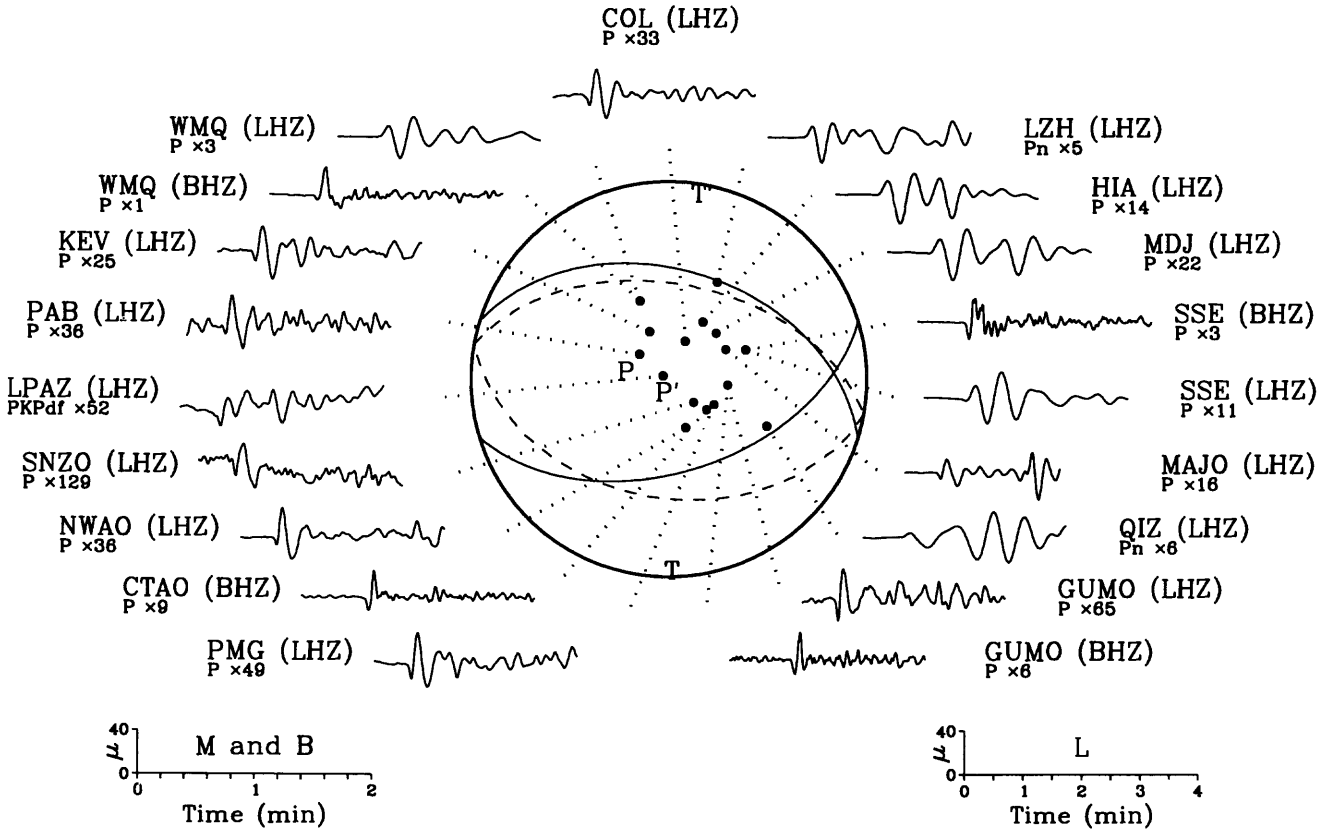

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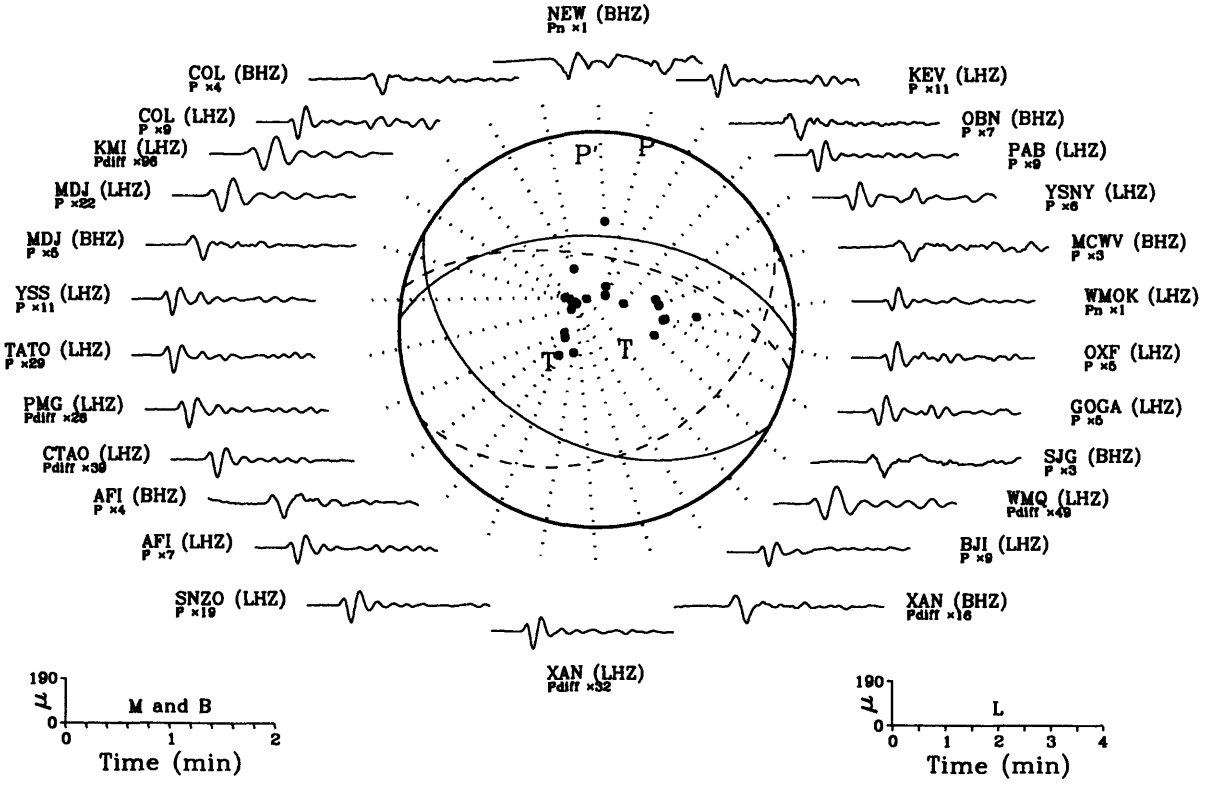

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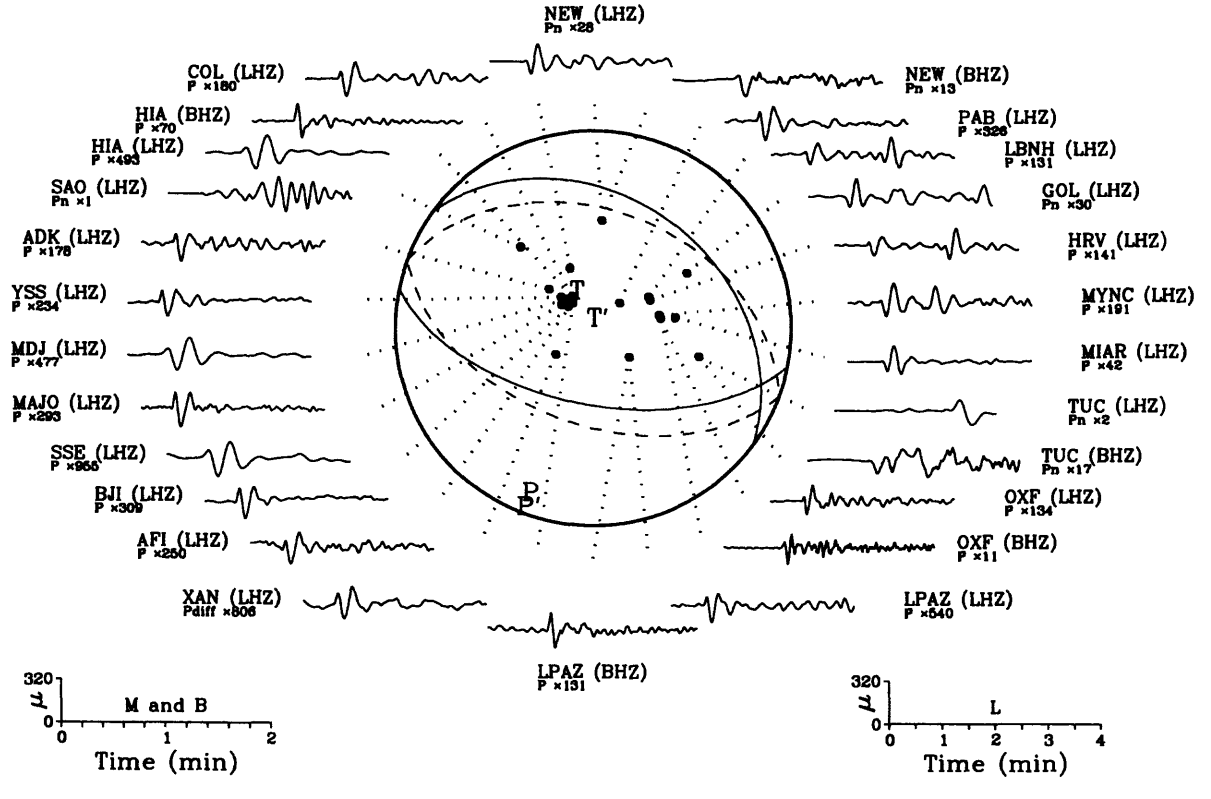

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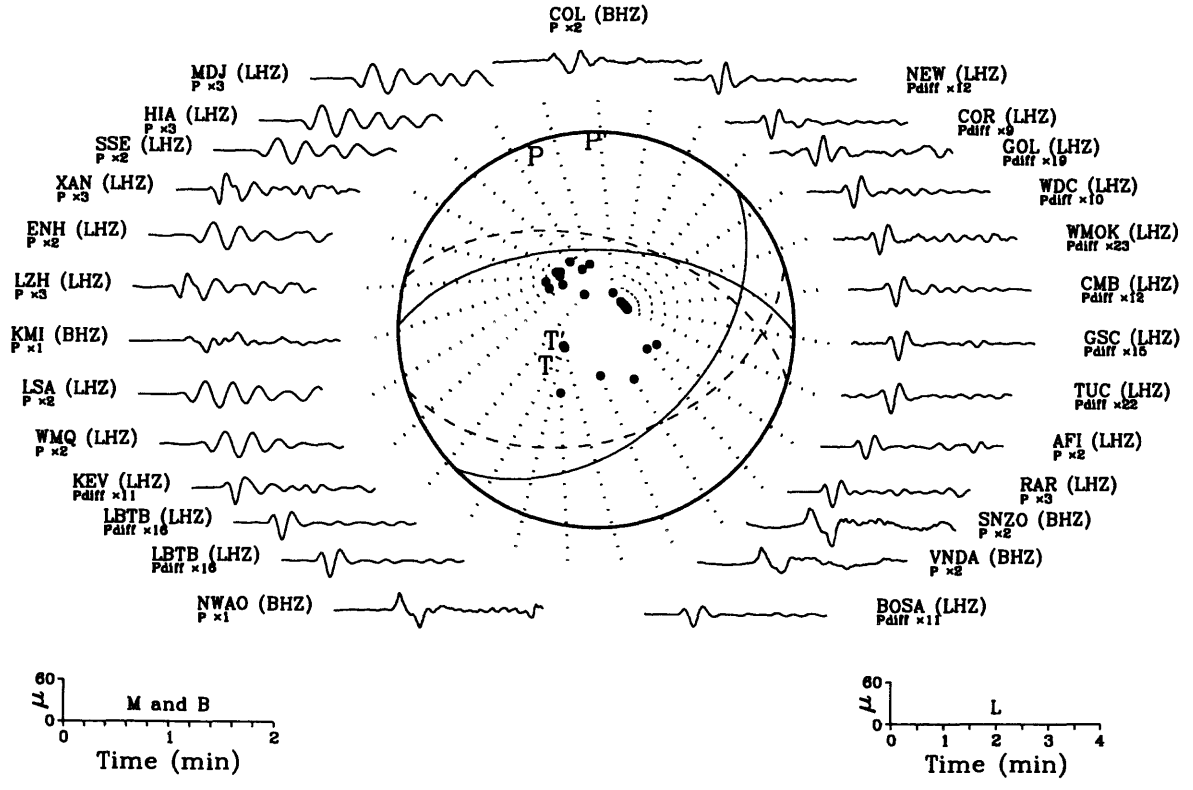

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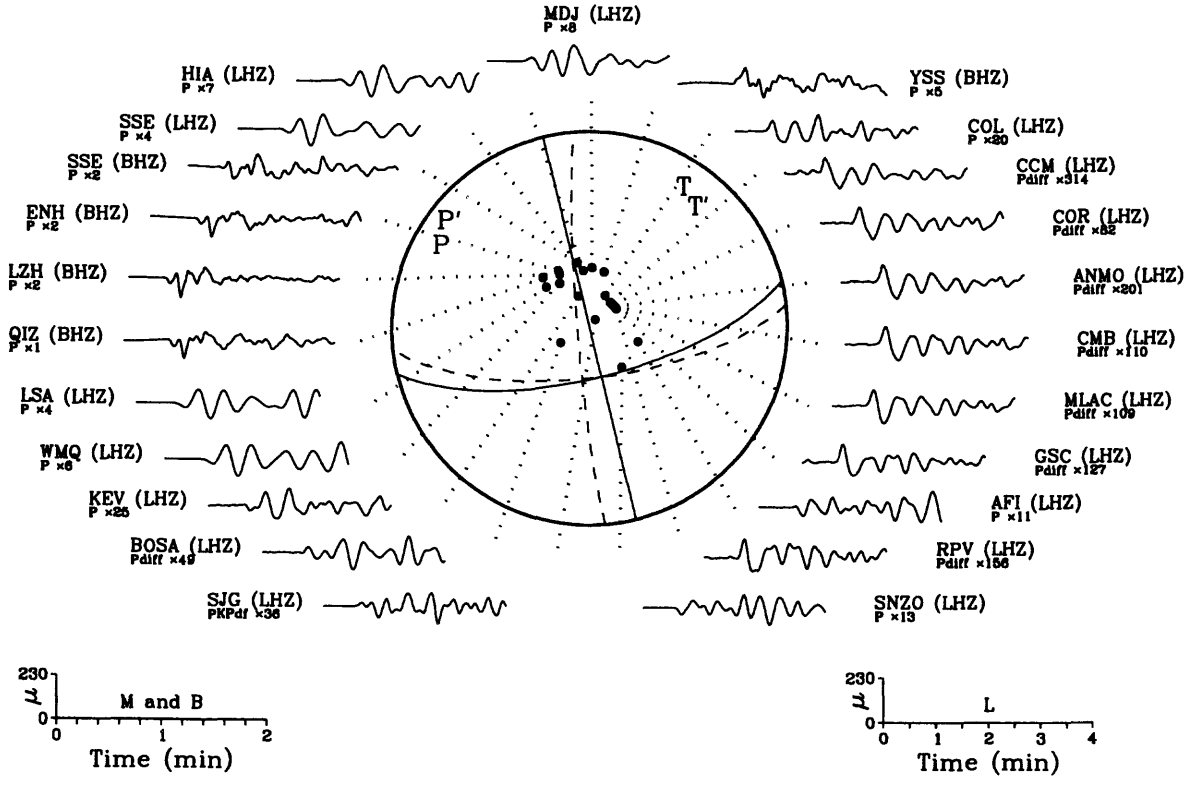
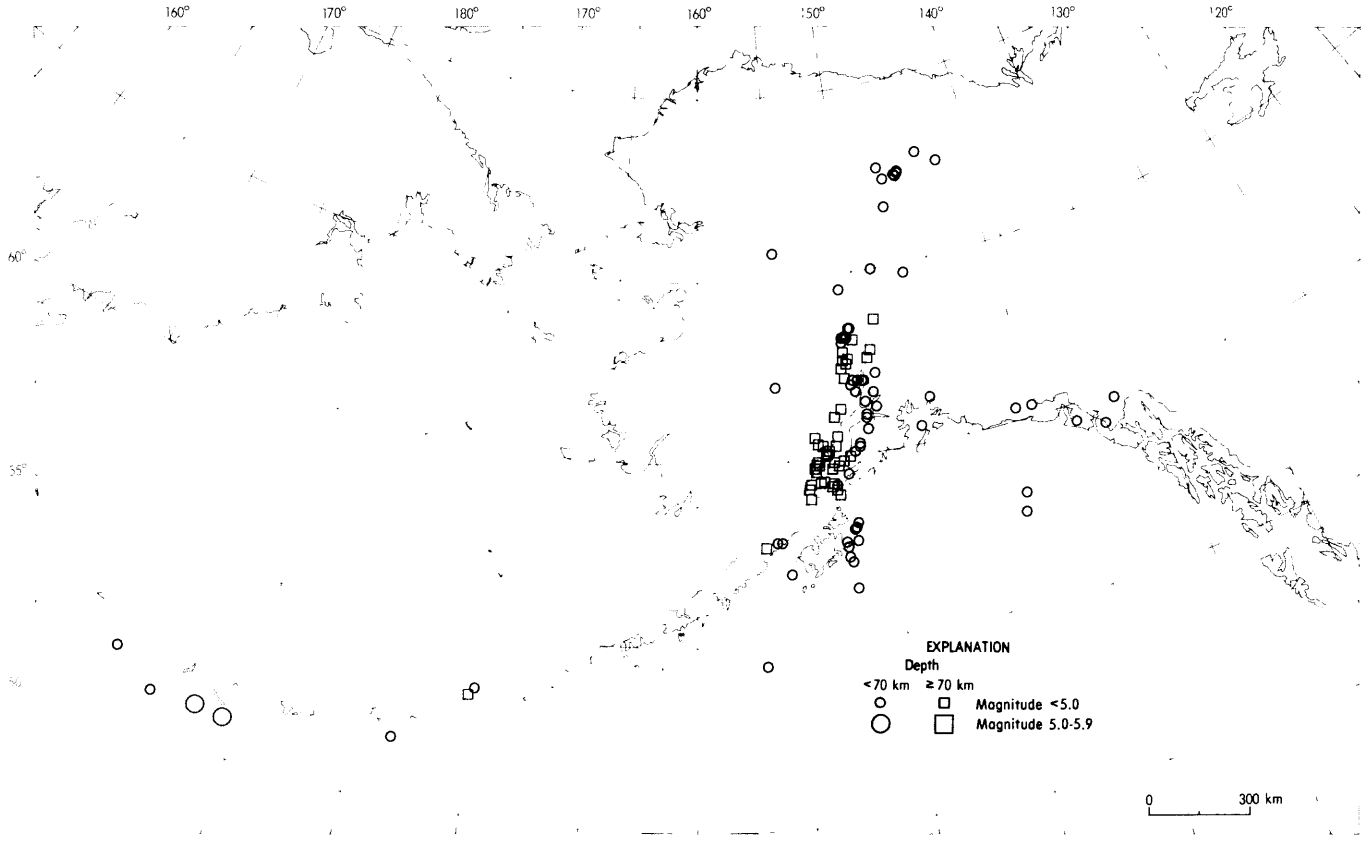
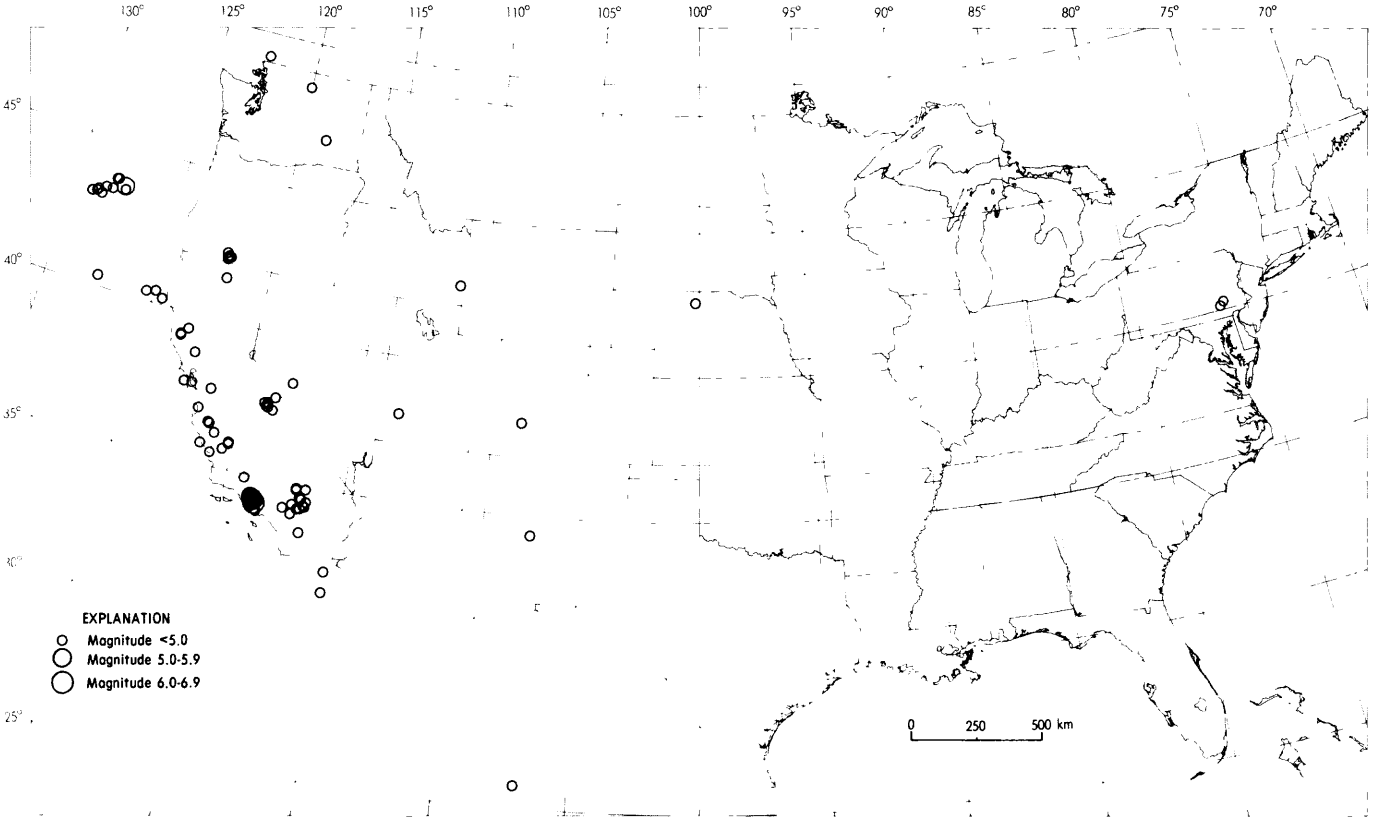
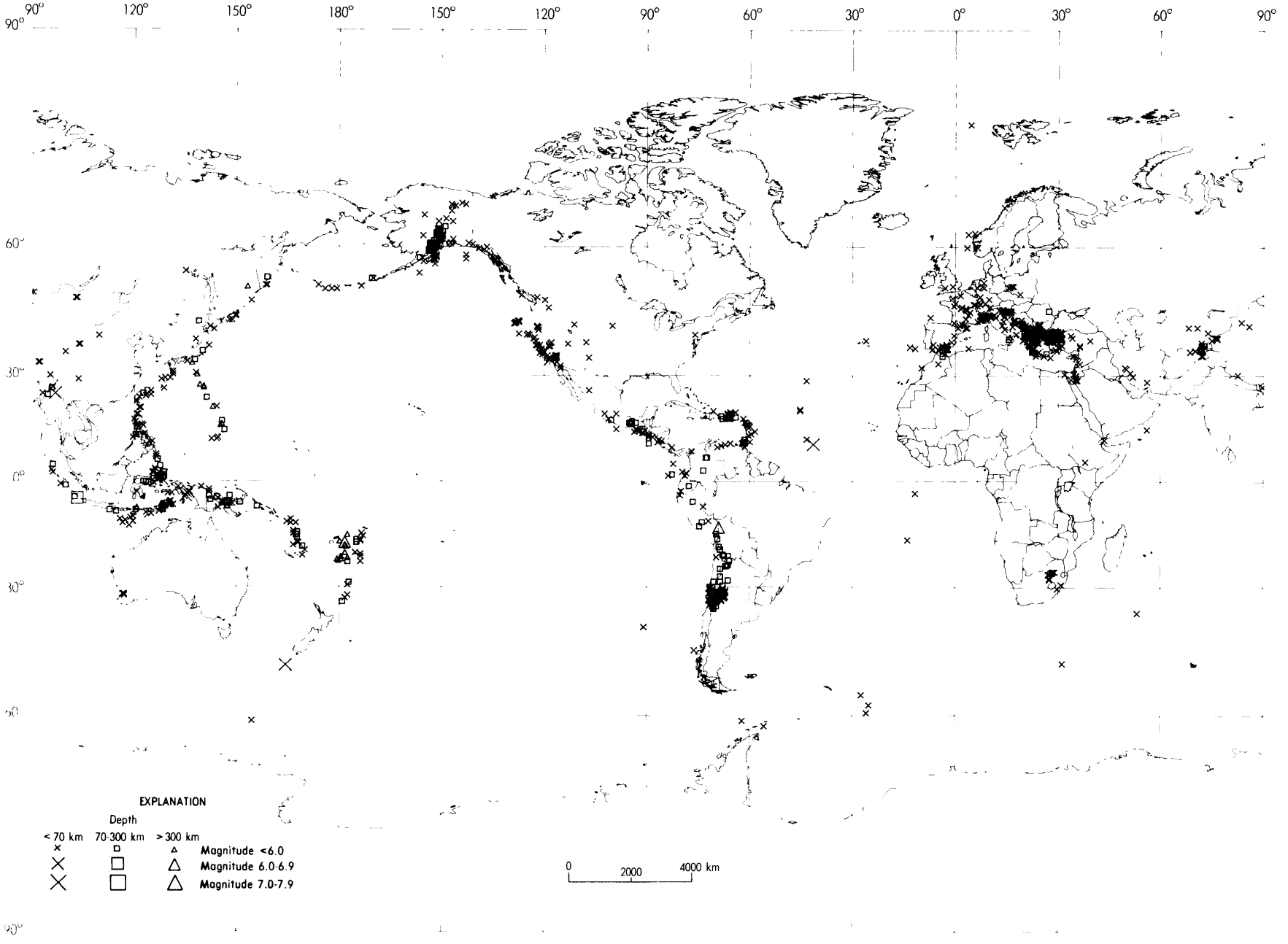




Earthquake epicenters in Alaska and adjacent regions for January, 1994.



Earthquake epicenters in the conterminous United States and adjacent regions for January, 1994.



Earthquakes located in January, 1994.

SIGNIFICANT EARTHQUAKES OF THE WORLD, 1993

Earthquakes of magnitude 6.5 or greater or ones that caused fatalities, injuries or substantial damage.
BRK--Berkeley. PAS--Pasadena. ATH--Athens, Greece. BJI--Beijing, China. BRA--Bratislava, Slovak Republic.
GEN--Genoa, Italy. ISK--Istanbul-Kandilli, Turkey. KRA--Krakow, Poland. LDG--Laboratoire de Detection et de Geophysique, France. LJU--Ljubljana, Yugoslavia. SJR--San Jose, Costa Rica. STR--Strasbourg, France.
THE--Thessaloniki, Greece. TRI--Trieste, Italy. TTG--Titograd, Yugoslavia. VKA--Vienna-Kabenzl, Austria.
ZAG--Zagreb, Yugoslavia.

DATE	ORIGIN TIME UTC HR MN SEC	GEOGRAPHIC COORDINATES LAT	LONG	DEPTH	MAGNITUDES GS MB	Msz	SD	NO. STA USED	REGION, CONTRIBUTED MAGNITUDES AND COMMENTS
JAN 06	22 51 44.6	28.997 N	52.137 E	24 D	5.4	5.3	1.0	364	SOUTHERN IRAN. Mw 5.4 (HRV). Mo=1.5*10**17 Nm (HRV). Severe damage in the Firuzabad-Dadenjan area.
JAN 08	06 57 51.8%	28.028 S	26.800 E	5 G			0.5	7	REPUBLIC OF SOUTH AFRICA. ML 2.7 (PRE). Six people killed and 7 injured in a mine near Welkom.
JAN 10	14 39 00.3	59.274 S	26.205 W	61 G	6.3		1.0	284	SOUTH SANDWICH ISLANDS REGION. Mw 6.7 (GS), 6.7 (HRV). Mo=1.2*10**19 Nm (GS). Mo=1.3*10**19 Nm (HRV). Mo=1.6*10**19 Nm (PPT).
JAN 13	17 11 07.5	17.955 N	76.583 W	16 D	5.5	4.8	1.1	337	JAMAICA REGION. Mw 5.5 (HRV). MD 5.7 (UPA), 5.4 (HOJ). Mo=2.0*10**17 Nm (HRV). One person killed and some damage (VII) in the Kingston area. Felt strongly throughout much of Jamaica.
JAN 15	11 06 05.9	43.300 N	143.691 E	102 G	6.9	7.1	1.5	203	HOKKAIDO, JAPAN REGION. Mw 7.5 (GS), 7.6 (HRV). Ms 6.7 (BRK). Mo=2.2*10**20 Nm (GS). Mo=2.7*10**20 Nm (HRV). Mo=5.5*10**20 Nm (PPT). Two people killed, 614 injured and substantial damage (VI JMA) at Kushiro, Hokkaido and Hachinohe, Honshu. Felt (V JMA) at Hiroo, Nemuro, Obihiro, Otaru and Urakawa; (IV JMA) at Hakodate and Tomakomai; (III JMA) at Sapporo, Hokkaido. Felt (IV JMA) at Aomori and Morioka; (III JMA) at Akita, Fukushima, Sendai, Tokyo and Yokohama, Honshu. Also felt (VII) on Shikotan and (VI) at Kurilsk, Kuril Islands. Landslides and subsidence occurred in the epicentral area.
JAN 19	14 39 26.1	38.649 N	133.465 E	448 G	6.0		0.9	657	SEA OF JAPAN. Mw 6.6 (GS), 6.5 (HRV). mb 6.2 (BRK). Mo=1.0*10**19 Nm (GS). Mo=6.3*10**18 Nm (HRV).
JAN 26	20 32 06.9	23.027 N	101.062 E	33 N	5.4	5.6	1.0	254	YUNNAN, CHINA. Mw 5.6 (HRV). Mo=3.1*10**17 Nm (HRV). At least 66 people injured, 6,972 houses destroyed and 21,444 seriously damaged in southwestern Yunnan Province.
JAN 27	10 27 05.6	32.104 N	60.088 E	33 N	5.1		1.1	139	NORTHERN IRAN. Three people injured and 200 houses destroyed in the Nehbandan area.
JAN 31	19 33 34.4	25.905 N	101.535 E	33 N	4.9	4.5	1.1	75	YUNNAN, CHINA. ML 4.7 (BJI). Two people were killed and some houses were slightly damaged in Dayao County.
FEB 07	13 27 42.0	37.634 N	137.245 E	11 G	6.3	6.2	0.9	673	NEAR WEST COAST OF HONSHU, JAPAN. Mw 6.6 (GS), 6.3 (HRV). Ms 5.9 (BRK). Mo=8.3*10**18 Nm (GS). Mo=3.4*10**18 Nm (HRV). Mo=1.0*10**19 Nm (PPT). At least sixteen people injured and some damage in Ishikawa, Toyama and Niigata Prefectures. Landslides occurred at Suzu. Maximum intensity IV (JMA) reported at Wajima. Felt throughout much of central Honshu.
FEB 13	02 25 49.7	8.331 N	39.308 E	12 D	5.0	4.9	1.0	99	ETHIOPIA. Mw 5.3 (HRV). Mo=1.1*10**17 Nm (HRV). Some injuries and damage in the Nazret area. Felt at Addis Ababa and Debre Zeyit.
MAR 06	03 05 49.8	10.972 S	164.181 E	20 G	6.1	7.1	1.2	304	SANTA CRUZ ISLANDS REGION. Mw 7.1 (GS), 7.1 (HRV). Ms 7.2 (BRK). Mo=5.5*10**19 Nm (GS). Mo=5.2*10**19 Nm (HRV). Mo=7.0*10**19 Nm (PPT). Felt (III) at Honiara, Guadalcanal.
MAR 06	10 02 06.9	26.536 S	177.355 W	18 G	5.9	6.6	1.2	274	SOUTH OF FIJI ISLANDS. Mw 6.6 (GS), 6.5 (HRV). Ms 6.6 (BRK). Mo=8.0*10**18 Nm (GS). Mo=6.7*10**18 Nm (HRV). Mo=1.7*10**19 Nm (PPT).
MAR 06	16 26 56.9	11.062 S	163.386 E	25 D	5.7	6.6	1.1	207	SOLOMON ISLANDS. Mw 6.7 (HRV). Ms 6.5 (BRK). Mo=1.1*10**19 Nm (HRV). Mo=1.6*10**19 Nm (PPT). Felt (III) at Honiara.
MAR 10	12 39 23.9	59.700 S	25.719 W	33 N	5.4	6.4	1.2	148	SOUTH SANDWICH ISLANDS REGION. Mw 6.5 (HRV). Ms 6.7 (BRK). Mo=5.8*10**18 Nm (HRV).
MAR 12	14 01 35.4	14.385 S	178.252 W	10 G	6.0	6.4	1.2	463	FIJI ISLANDS REGION. Mw 6.4 (GS), 6.4 (HRV). Ms 6.5 (BRK). Mo=4.6*10**18 Nm (GS). Mo=4.0*10**18 Nm (HRV). Mo=4.0*10**18 Nm (PPT). Five people killed, more than 20 seriously injured and damage on Futuna Island.
MAR 15	16 08 57.8	26.708 S	70.918 W	29 G	6.0	6.2	1.1	399	NEAR COAST OF NORTHERN CHILE. Mw 6.7 (GS), 6.5 (HRV). Ms 5.9 (BRK). Mo=1.1*10**19 Nm (GS). Mo=6.4*10**18 Nm (HRV). Mo=2.2*10**19 Nm (PPT). Some damage (VI) in the Chanaral-Copiapo-Taltal area. Felt (V) at Vallenar; (IV) at Antofagasta, Mejillones, Sierra Gorda, Tocopilla and Vicuna; (III) at Andacollo, Combarbala, La Serena and Maria Elena; (II) at Calama, Coquimbo and Ovalle.

DATE	ORIGIN TIME UTC HR MN SEC	GEOGRAPHIC COORDINATES LAT	LONG	DEPTH	MAGNITUDES GS MB	Msz	SD	NO. STA USED	REGION, CONTRIBUTED MAGNITUDES AND COMMENTS
MAR 20	14 51 59.7	29.084 N	87.333 E	12 G	5.8	6.0	1.1	482	XIZANG. Mw 6.2 (HRV). Ms 5.8 (BRK). Mo=2.5*10**18 Nm (HRV). Mo=4.1*10**18 Nm (PPT). At least two people killed, 3 seriously injured and damage in Ngamring County. Felt at Xigaze. Also felt at Kathmandu, Nepal.
MAR 21	05 04 59.1	18.042 S	178.528 W	589 G	6.1		0.9	564	FIJI ISLANDS REGION. Mw 6.3 (GS), 6.3 (HRV). mb 6.5 (BRK). Mo=3.3*10**18 Nm (GS). Mo=3.3*10**18 Nm (HRV).
MAR 25	13 34 35.4&	45.035 N	122.607 W	21	5.5	5.4		454	WASHINGTON-OREGON BORDER REGION. Mw 5.6 (HRV). <SEA-P>. ML 5.7 (SEA), 5.5 (BRK). Mo=1.6*10**17 Nm (BRK). Mo=3.2*10**17 Nm (HRV). Numerous people were treated for minor injuries. Damage (VII) at Canby, Molalla, Mount Angel and Newberg, Oregon. Slight damage (VI) at Amity, Aurora, Boring, Cascadia, Dayton, Donald, Dundee, Estacada, Grande Ronde, Lake Oswego, Mill City, Mulino, Oregon City, Portland, Salem, Silverton and West Linn, Oregon. Also damage to several bridges in the McMinnville, Oregon area. Landslides were reported near Mount Hood, Oregon. Felt (V) throughout a wide area of northwestern Oregon including Brightwood, Corvallis, Dallas, Detroit, Government Camp, Gresham, Hillsboro, Idanha, Mill City, Milwaukie, Nehalem, Pacific City, Rainer and Sandy. Also felt (V) at Camas, Kalama and Underwood, Washington. Felt south as far as Coos Bay, Oregon and north to Seattle, Washington.
MAR 26	11 58 15.1	37.589 N	21.391 E	10 G	5.2	5.2	1.2	215	SOUTHERN GREECE. Mw 5.4 (HRV). ML 4.8 (ATH), 4.8 (THE). Mo=1.6*10**17 Nm (HRV). Two people were slightly injured and damage in the Pirgos-Amalias area. Felt in Akhaia, Arkadhia, Ilia, Messinia and Zakinthos Provinces.
MAR 26	22 52 46.9	30.692 N	50.886 E	30 D	5.1	4.8	1.2	259	NORTHERN IRAN. Mw 5.1 (HRV). Mo=5.2*10**16 Nm (HRV). Considerable damage in Bovir Ahmadi va Kohkiluyeh Province.
APR 08	09 48 03.8*	37.902 N	47.985 E	10 G	4.7		1.3	12	NORTHWESTERN IRAN. Several people injured in the Sarab-Ardabil area.
APR 16	14 08 38.9	17.778 S	178.864 W	565 G	6.0		1.1	585	FIJI ISLANDS REGION. Mw 6.9 (GS), 6.9 (HRV). mb 6.0 (BRK). Mo=2.6*10**19 Nm (GS). Mo=2.6*10**19 Nm (HRV). Mo=1.0*10**19 Nm (PPT).
APR 18	09 16 23.2	11.652 S	76.530 W	106 G	6.0		1.0	513	CENTRAL PERU. Mw 6.3 (GS), 6.3 (HRV). mb 5.8 (BRK). Mo=2.7*10**18 Nm (GS). Mo=2.8*10**18 Nm (HRV). Six people killed, including 3 killed by earthquake-induced landslides at Lima. Thirty houses destroyed (VI) at Lima. Felt (V) at Chimbote and Huacho; (IV) at Ica and Trujillo; (III) at Huancayo and Huaraz; (II) at Chiclayo.
APR 19	21 01 48.9	4.015 N	128.204 E	24 G	6.1	6.7	1.2	439	NORTH OF HALMAHERA, INDONESIA. Mw 6.8 (GS), 6.8 (HRV). Ms 6.8 (BRK). Mo=1.5*10**19 Nm (GS). Mo=1.6*10**19 Nm (HRV). Mo=2.8*10**19 Nm (PPT).
MAY 10	09 15 08.6	40.347 N	76.018 W	5 G			0.3	9	PENNSYLVANIA. mbLg 2.8 (GS). One person in the Reading area lost his balance because of the earthquake, fell off his bicycle and was injured. Felt (IV) at Reading and (III) at Hamburg and Shillington. Also felt at West Reading, Whitfield and Wyomissing. This is believed to be one of the smallest earthquakes in the United States for which confirmed casualty reports have been received.
MAY 11	18 26 51.3	7.219 N	126.570 E	59 G	6.1	6.6	1.1	630	MINDANAO, PHILIPPINE ISLANDS. Mw 7.0 (GS), 7.0 (HRV). Ms 6.5 (BRK). Mo=3.8*10**19 Nm (GS). Mo=3.4*10**19 Nm (HRV). Mo=6.3*10**19 Nm (PPT). Felt (V RF) at Bislig and Davao; (IV RF) at Cagayan de Oro and Kidapawan; (III RF) at Cotabato. Also felt (III RF) at Palo, Leyte and (II RF) on Camiguin Island.
MAY 13	11 59 49.2&	55.177 N	160.458 W	32 G	6.4	6.8		766	ALASKA PENINSULA. Mw 6.9 (GS), 6.9 (HRV). <SPEC>. Ms 6.8 (BRK). Mo=2.3*10**19 Nm (GS). Mo=2.5*10**19 Nm (HRV). Mo=6.5*10**19 Nm (OBN). Mo=2.9*10**19 Nm (PPT). Items knocked from shelves at Sand Point and King Cove. Felt (VI) at Sand Point; (V) at Chignik, Chignik Lagoon, False Pass, King Cove, Nelson Lagoon and Perryville; (IV) at Cold Bay and Port Heiden; (III) at Akhiok and Akutan; (II) at Kodiak.
MAY 14	13 37 24.2	26.834 S	26.666 E	5 G			1.3	12	REPUBLIC OF SOUTH AFRICA. ML 3.8 (PRE). mbLg 3.6 (BUL). Some people possibly killed in a mine explosion.
MAY 15	21 52 25.3	51.374 N	178.669 W	32 G	6.2	6.6	1.1	661	ANDREANOF ISLANDS, ALEUTIAN ISLANDS. Mw 6.8 (GS), 6.9 (HRV). ML 6.1 (PMR). Ms 6.3 (BRK). Mo=2.0*10**19 Nm (GS). Mo=2.5*10**19 Nm (HRV).Mo=3.6*10**19 Nm (PPT). Felt (V) on Adak and (IV) on Amchitka.
MAY 16	21 44 48.9	15.286 S	173.332 W	21 G	6.1	6.7	1.2	515	TONGA ISLANDS. Mw 6.6 (GS), 6.6 (HRV). Ms 6.8 (BRK). Mo=8.1*10**18 Nm (GS). Mo=8.9*10**18 Nm (HRV). Mo=9.0*10**18 Nm (PPT).
MAY 17	16 02 53.1	5.343 S	151.985 E	17 G	5.7	6.3	1.1	345	NEW BRITAIN REGION, PAPUA NEW GUINEA. Mw 6.3 (GS), 6.4 (HRV). Ms 6.5 (BRK). Mo=3.1*10**18 Nm (GS). Mo=4.5*10**18 Nm (HRV). Mo=3.6*10**18 Nm (PPT). Felt (I) at Rabaul.

DATE	ORIGIN TIME UTC HR MN SEC	GEOGRAPHIC COORDINATES LAT	LONG	DEPTH	MAGNITUDES GS MB	Msz	SD	NO. STA USED	REGION, CONTRIBUTED MAGNITUDES AND COMMENTS
MAY 18	10 19 33.7	19.914 N	122.450 E	169 G	6.4		1.3	606	PHILIPPINE ISLANDS REGION. Mw 6.8 (GS), 6.7 (HRV). mb 6.6 (BRK). Mo=2.0*10**19 Nm (GS). Mo=1.3*10**19 Nm (HRV). Mo=1.1*10**19 Nm (PPT).
MAY 24	23 51 28.2?	22.67 S	66.54 W	221 G	6.6		0.8	37	JUJUY PROVINCE, ARGENTINA. Mw 7.0 (GS), 7.0 (HRV). mb 6.6 (BRK). Mo=3.3*10**19 Nm (GS). Mo=3.3*10**19 Nm (HRV). Mo=7.1*10**19 Nm (PPT). Felt in Jujuy, Salta and Tucuman Provinces. Also felt (V) in the Antofagasta-Taltal-Calama area; (IV) at Mejillones, San Pedro and Tocopilla; (III) at Iquique and (II) at Copiapo, Chile. Felt (III) at Arequipa, Peru.
JUN 06	13 23 20.8	15.823 N	146.595 E	14 G	6.0	6.6	1.2	323	MARIANA ISLANDS. Mw 6.5 (GS), 6.4 (HRV). Ms 6.4 (BRK). Mo=6.3*10**18 Nm (GS). Mo=5.2*10**18 Nm (HRV). Mo=9.1*10**18 Nm (PPT). Felt on Saipan.
JUN 08	13 03 36.4	51.218 N	157.829 E	71 G	6.4	7.3	1.0	662	NEAR EAST COAST OF KAMCHATKA. Mw 7.1 (GS), 7.5 (HRV). Ms 7.2 (BRK). Mo=5.4*10**19 Nm (GS). Mo=2.0*10**20 Nm (HRV). Mo=1.8*10**10 Nm (OBN). Mo=3.0*10**20 Nm (PPT). Damage (VII) at Severo-Kurilsk. Felt (VI) at Petropavlovsk-Kamchatskiy. Maximum tsunami wave heights (peak-to-trough) recorded at selected tide stations were as follows: 12 cm. at Hilo, 10 cm. on Shemya, 8 cm. on Midway Island and 5 cm. at Haleiwa, Hawaii.
JUN 08	23 17 41.4	31.560 S	69.234 W	113 G	6.5		0.9	558	SAN JUAN PROVINCE, ARGENTINA. Mw 6.3 (GS), 6.3 (HRV). mb 6.4 (BRK). Mo=3.5*10**18 Nm (GS). Mo=3.2*10**18 Nm (HRV). Mo=3.1*10**18 Nm (PPT). Felt (VI) in Mendoza Province, Argentina. Felt (V) at Illapel, (IV) at Valparaiso and (III) at Copiapo, La Serena, Quilloto and Santiago, Chile. Also felt in Cordoba, La Rioja and San Juan Provinces, Argentina.
JUN 18	11 52 51.6*	29.053 S	176.753 W	16 G	6.2	6.7	1.2	55	KERMADEC ISLANDS REGION. Mw 6.6 (GS), 6.6 (HRV). Ms 7.1 (BRK). Mo=7.6*10**18 Nm (GS). Mo=8.8*10**18 Nm (HRV). Mo=1.6*10**19 Nm (PPT).
JUN 18	17 57 46.6	28.678 S	176.893 W	11 D	5.9	6.7	1.1	322	KERMADEC ISLANDS REGION. Mw 6.7 (GS), 6.5 (HRV). Ms 7.1 (BRK). Mo=1.2*10**19 Nm (GS). Mo=7.0*10**18 Nm (HRV). Mo=1.3*10**19 Nm (PPT).
JUN 22	16 32 43.7	30.149 N	50.814 E	33 N	5.5	4.8	0.9	293	NORTHERN IRAN. Mw 5.4 (HRV). Mo=1.3*10**17 Nm (HRV). Several people injured and at least 70 homes destroyed in Bovir Ahmadi va Kohkiluyeh Province. Landslides blocked roads in the epicentral area.
JUN 30	23 47 33.9	20.836 S	172.957 E	13 G	5.9	6.7	1.3	270	VANUATU ISLANDS REGION. Mw 6.7 (GS), 6.7 (HRV). Mo=1.3*10**19 Nm (GS). Mo=1.3*10**19 Nm (HRV). Mo=2.6*10**19 Nm (PPT).
JUL 10	20 40 58.9	9.821 N	83.622 W	20 D	5.3	5.6	1.3	256	COSTA RICA. Mw 5.8 (HRV). MD 5.2 (HDC). Mo=6.6*10**17 Nm (HRV). One person was killed, another died of a heart attack and at least nine people were injured in the Turrialba area. Damage occurred to homes and buildings at Cartago and Turrialba. Landslides blocked roads in the epicentral area. Felt throughout Costa Rica.
JUL 11	13 36 21.2	25.304 S	70.166 W	48 G	6.2	6.1	1.2	459	NEAR COAST OF NORTHERN CHILE. Mw 6.6 (GS), 6.6 (HRV). Ms 5.8 (BRK). Mo=8.6*10**18 Nm (GS). Mo=1.0*10**19 Nm (HRV). Mo=2.5*10**19 Nm (PPT). Slight damage (VI) at Taltal. Felt (V) at Antofagasta, Chanaral, Copiapo, Mejillones and Socaire; (IV) at Baquedano and Calama; (III) at Caldera and Vallenar. Landslides occurred in the epicentral area.
JUL 12	13 17 11.9	42.851 N	139.197 E	17 G	6.6	7.6	1.0	762	HOKKAIDO, JAPAN REGION. Mw 7.3 (GS), 7.7 (HRV). Ms 7.3 (BRK). Mo=1.1*10**20 Nm (GS). Mo=4.7*10**20 Nm (HRV). Mo=1.0*10**21 Nm (PPT). At least 200 people were killed and 39 missing in the Hokkaido region, including at least 165 killed on Okushiri. One person on a fishing boat was killed off Aomori, Honshu. Three people were missing from the southeast coast of Russia. Severe damage (V JMA) was caused by the earthquake and accompanying fires, landslides and tsunami in southwestern Hokkaido. 540 houses were destroyed and 1,834 others were damaged. Approximately 600 fishing boats were damaged or lost off western Japan, southeastern Russia and South Korea. Tsunami wave heights as high as 30.6 meters was reported along the southwest coast of Okushiri Island, 10 meters along the west coast of Hokkaido, 3 meters at Nakhodka, Russia, 2 meters along the northeast coast of South Korea and nearly 1 meter at Aomori, Honshu. The tsunami affected much of the southeastern coast of Russia and also caused damage to a factory at Kamenka, Sakhalin Island.
JUL 14	12 31 49.4	38.224 N	21.756 E	23 D	5.3	5.5	1.3	412	GREECE. Mw 5.6 (HRV). MD 5.5 (VIE), 5.2 (HLW), 5.0 (ATH). ML 4.9 (TIR), 4.8 (THE). Mo=3.2*10**17 Nm (HRV). At least five people were injured and 200 buildings were damaged at Patras. Felt as far as Attiki Province.

DATE	ORIGIN TIME UTC HR MN SEC	GEOGRAPHIC COORDINATES LAT	LONG	DEPTH	MAGNITUDES GS MB	Msz	SD	NO. STA USED	REGION, CONTRIBUTED MAGNITUDES AND COMMENTS
JUL 22	04 57 07.0	6.470 N	71.210 W	20 G	6.1	5.9	1.1	557	NORTHERN COLOMBIA. Mw 6.1 (GS), 6.0 (HRV). Ms 5.6 (BRK). Mo=1.5*10**18 Nm (GS). Mo=1.3*10**18 Nm (HRV). Mo=3.0*10**18 Nm (PPT). Two people killed, some injured and many houses destroyed at Puerto Rondon, Puerto Colombia. Felt strongly in northeastern Colombia and western Venezuela. Also felt at Bogota, Colombia and Caracas, Venezuela.
AUG 01	00 20 40.5	15.385 N	31.690 E	13 D	5.2	5.1	1.1	241	SUDAN. Mw 5.5 (HRV). Mo=2.2*10**17 Nm (HRV). At least two people killed, nine injured and damage in the Khartoum area.
AUG 04	11 31 18.0	1.629 S	99.615 E	32 G	5.9	6.3	1.0	434	SOUTHERN SUMATERA, INDONESIA. Mw 6.5 (GS), 6.4 (HRV). Ms 6.2 (BRK). Mo=6.2*10**18 Nm (GS). Mo=5.1*10**18 Nm (HRV). Mo=4.0*10**18 Nm (PPT). Felt strongly in the Padang area.
AUG 07	17 53 24.2	23.866 S	179.846 E	523 G	6.0		1.0	524	SOUTH OF FIJI ISLANDS. Mw 6.7 (GS), 6.7 (HRV). mb 5.9 (BRK). Mo=1.3*10**19 Nm (GS). Mo=1.3*10**19 Nm (HRV). Mo=1.0*10**19 Nm (PPT).
AUG 07	19 42 41.9	41.985 N	139.839 E	14 G	6.2	6.1	0.9	587	HOKKAIDO, JAPAN REGION. Mw 6.5 (GS), 6.3 (HRV). Ms 5.6 (BRK). Mo=6.9*10**18 Nm (GS). Mo=3.0*10**18 Nm (HRV). Mo=7.6*10**18 Nm (PPT). Felt (V JMA) on Okushiri. Also felt on Hokkaido.
AUG 08	08 34 24.9	12.982 N	144.801 E	59 G	7.1	8.0	1.1	438	SOUTH OF MARIANA ISLANDS. Mw 7.5 (GS), 7.8 (HRV). Ms 8.2 (BRK). Mo=2.2*10**20 Nm (GS). Mo=5.2*10**20 Nm (HRV). Mo=7.8*10**20 Nm (OBN). Mo=9.0*10**20 Nm (PPT). Forty-eight people injured on Guam. Extensive damage (IX) to hotels in the Tumon Bay area. Cracks tens of meters long and 25-50 cm wide, caused by liquefaction in the underlying soil, damaged facilities at the commercial port and naval base at Apra Harbor. Damage (VII) occurred at several locations in the northern half of the island. One end of the approach to a bridge at Pago Bay fell more than 35 cm. Many landslides and rockslides were reported, mainly in the southern half of the island. The preliminary estimate of loss from damage to commercial buildings is placed at 112 million U.S. dollars and loss from damage to private residences is estimated at several million U.S. dollars. Slight damage (V) on Saipan. Felt (VI) on Rota and (V) on Tinian. Tsunami generated with maximum wave heights at selected tide stations as follows: 98 cm at Muroto-misaki, Shikoku; 68 cm on Chichi-shima, Bonin Islands; 58 cm at Tosashimizu, Shikoku; 56 cm at Aburatsu, Kyushu; 46 cm at Mera and Owase, Honshu; 44 cm at Ayukawahama, Honshu; 42 cm at Omae-zaki, Honshu; 34 cm at Hanasaki and Kushimoto, Honshu, 34 cm at Hirara, Ryukyu Islands; 28 cm at Ofunato, Honshu; 24 cm at Kochi, Shikoku; 19 cm at Port Allen, Kauai; 15 cm at Lahania, Maui; 14 cm at Haleiwa, Oahu; 12 cm at Hachinohe, Honshu and Kahului, Maui; 7 cm at Kapoho, Hawaii and Nawiliwili, Kauai; 5 cm at Honokohau, Hawaii.
AUG 09	12 42 48.1	36.379 N	70.868 E	215 G	6.2		1.2	601	HINDU KUSH REGION, AFGHANISTAN. Mw 7.0 (GS), 7.0 (HRV). Mo=3.1*10**19 Nm (GS). Mo=3.6*10**19 Nm (HRV). Mo=5.0*10**19 Nm (PPT). Felt in northern and eastern Pakistan as far south as Multan. Felt at Delhi and other parts of northern India. Felt in eastern Jammu and Kashmir. Also felt (III) at Dushanbe, Tajikistan.
AUG 10	00 51 53.2	45.277 S	166.927 E	28 G	6.2	7.0	1.1	420	OFF WEST COAST OF SOUTH ISLAND, NEW ZEALAND. Mw 7.0 (GS), 7.0 (HRV). Mo=3.3*10**19 Nm (GS). Mo=3.3*10**19 Nm (HRV). Mo=4.0*10**19 Nm (PPT). Felt (VI) on South Island within 150 km of the epicenter. Power outages reported in the Te Anau area. Felt throughout South Island and in southern North Island. Also felt at Sydney, Australia.
AUG 10	09 46 35.3	38.520 S	177.553 E	14 G	6.0	6.0	1.1	280	NORTH ISLAND, NEW ZEALAND. Mw 6.4 (HRV). ML 6.5 (WEL). Mo=4.4*10**18 Nm (HRV). Mo=5.4*10**18 Nm (PPT). Some damage (VII) at Gisborne. Felt (VII) within 100 km of the epicenter. Felt in central and southern North Island.
AUG 20	05 06 53.8	5.997 S	142.743 E	15 G	6.0	6.0	1.1	475	NEW GUINEA, PAPUA NEW GUINEA. Mw 6.2 (GS), 6.2 (HRV). Ms 6.4 (BRK). Mo=2.3*10**18 Nm (GS). Mo=2.1*10**18 Nm (HRV). Mo=1.2*10**18 Nm (PPT). Five people injured and damage in the Tari area.
SEP 03	12 35 00.2	14.523 N	92.713 W	27 G	5.8	6.8	1.1	416	NEAR COAST OF CHIAPAS, MEXICO. Mw 6.8 (GS), 6.8 (HRV). Ms 6.7 (BRK). Mo=1.6*10**19 Nm (GS). Mo=1.5*10**19 Nm (HRV). Mo=2.0*10**19 Nm (PPT). Felt in Chiapas, Guerrero, Michoacan and at Mexico City. Also felt (III) at San Salvador, El Salvador.
SEP 06	03 56 00.1	4.641 S	153.231 E	49 G	6.2	6.6	0.9	492	NEW IRELAND REGION, PAPUA NEW GUINEA. Mw 6.6 (GS), 6.6 (HRV). Ms 6.7 (BRK). Mo=9.6*10**18 Nm (GS). Mo=1.0*10**19 Nm (HRV).Mo=1.4*10**19 Nm (PPT). Felt (V) at Rabaul.
SEP 07	02 48 50.8	31.635 S	179.440 W	10 G	5.9	6.5	1.2	206	KERMADEC ISLANDS REGION. Mw 6.5 (GS), 6.4 (HRV). Ms 6.5 (BRK). Mo=6.6*10**18 Nm (GS). Mo=4.8*10**18 Nm (HRV). Mo=3.4*10**18 Nm (PPT).

DATE	ORIGIN TIME UTC HR MN SEC	GEOGRAPHIC COORDINATES LAT	LONG	DEPTH	MAGNITUDES GS MB	Msz	SD	NO. STA USED	REGION, CONTRIBUTED MAGNITUDES AND COMMENTS
SEP 10	19 12 54.6	14.717 N	92.645 W	34 G	6.2	7.3	1.3	466	NEAR COAST OF CHIAPAS, MEXICO. Mw 7.2 (GS), 7.2 (HRV). Ms 7.2 (BRK). Mo=8.0*10**19 Nm (GS). Mo=8.3*10**19 Nm (HRV). Mo=1.0*10**20 Nm (PPT). One person killed, 3 injured and considerable damage in southwestern Guatemala. Rockslides blocked some roads in Guatemala. Some damage in parts of Chiapas, Mexico. Felt strongly in southern Mexico and as far away as Mexico City. Felt in much of Central America.
SEP 21	03 28 55.4	42.314 N	122.012 W	11 G	5.7	5.8	1.2	534	OREGON. Mw 6.0 (GS), 6.0 (HRV). ML 5.9 (BRK). MD 5.9 (SEA). Mo=7.8*10**17 Nm (BRK). Mo=1.0*10**18 Nm (GS). Mo=1.1*10**18 Nm (HRV). Mo=1.7*10**18 Nm (PPT). The Klamath Falls earthquakes caused two deaths and approximately 7.5 million U.S. dollars in damage. One person was killed when the car he was driving was crushed by a boulder in an earthquake-induced rockfall and another person died of a heart attack. More than 1,000 homes and commercial buildings were damaged. Maximum intensity VII in downtown Klamath Falls and at the Oregon Institute of Technology about three kilometers north of downtown. Three highways leading to Klamath Falls were temporarily closed because of rockfalls or concern about possible damage to bridges. Rockfalls and rockslides occurred in roadcuts and on steep slopes throughout the epicentral region. Ground cracks in fill material were observed at several locations in the area. Felt in southern Oregon as far north as Eugene and in northern California as far south as Redding.
SEP 21	05 45 33.7	42.358 N	122.045 W	5 G	5.6	5.8	1.3	515	OREGON. Mw 6.0 (HRV). ML 5.9 (BRK). MD 6.0 (SEA). Mo=8.1*10**17 Nm (BRK). Mo=1.0*10**18 Nm (HRV). Mo=1.5*10**18 Nm (PPT). Additional damage in the Klamath Falls area. At some locations northwest of Klamath Falls this earthquake produced higher intensities than the event which occurred at 0328.
SEP 27	13 37 32.9	53.651 S	51.621 W	33 N	6.2	6.6	1.2	189	SOUTH ATLANTIC OCEAN. Mw 6.6 (GS), 6.6 (HRV). Ms 6.3 (BRK). Mo=8.2*10**18 Nm (GS). Mo=9.1*10**18 Nm (HRV). Mo=1.9*10**19 Nm (PPT). Felt on the Falkland Islands.
SEP 29	22 25 48.6	18.066 N	76.451 E	7 G	6.3	6.2	1.0	625	SOUTHERN INDIA. Mw 6.2 (GS), 6.2 (HRV). Mo=1.9*10**18 Nm (GS). Mo=2.2*10**18 Nm (HRV). Mo=3.1*10**18 Nm (PPT). Nine thousand seven hundred forty-eight people killed, about 30,000 injured and extreme devastation in the Latur-Osmanabad area. Nearly all buildings were destroyed in the village of Khillari. Felt in large parts of central and southern India, including Bangalore, Bombay, Hyderabad and Madras.
SEP 30	18 27 50.8	15.417 N	94.698 W	19 G	5.8	6.4	1.1	346	NEAR COAST OF OAXACA, MEXICO. Mw 6.5 (HRV). Ms 6.5 (BRK). Mo=6.0*10**18 Nm (HRV). Mo=1.1*10**19 Nm (PPT). Felt on the Isthmus of Tehuantepec and at Veracruz. Felt slightly at Mexico City.
OCT 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).
OCT 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=8.8*10**18 Nm (GS). Mo=4.0*10**18 Nm (HRV). Mo=1.6*10**19 Nm (PPT).
OCT 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=2.0*10**19 Nm (GS). Mo=2.5*10**19 Nm (HRV). 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.
OCT 13	02 06 00.3	5.889 S	146.020 E	25 G	6.4	7.0	1.3	423	EASTERN NEW GUINEA REGION, PAPUA NEW GUINEA. Mw 6.6 (GS), 6.9 (HRV). Ms 7.2 (BRK). ML 7.1 (PMG). Mo=8.1*10**18 Nm (GS). Mo=2.5*10**19 Nm (HRV). 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.
OCT 13	03 07 30.9	5.932 S	146.153 E	33 N	6.1	6.7	1.2	267	EASTERN NEW GUINEA REGION, PAPUA NEW GUINEA. Mw 6.5 (HRV). Ms 6.7 (BRK). ML 6.5 (PMG). Mo=7.2*10**18 NM (HRV).
OCT 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=3.2*10**18 Nm (GS). Mo=3.0*10**18 Nm (HRV). Mo=4.7*10**18 Nm (PPT). Three people killed and additional damage in the Upper Markham Valley.
OCT 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.
OCT 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=1.2*10**19 Nm (GS). Mo=1.0*10**19 Nm (HRV). Mo=1.4*10**19 Nm (PPT). Felt (VII) at Mexico City and (V) at Puebla.
OCT 25	10 27 04.5	5.909 S	145.990 E	30 D	6.3	7.0	1.2	416	EASTERN NEW GUINEA REGION, PAPUA NEW GUINEA. Mw 6.7 (GS), 6.7 (HRV). Ms 7.1 (BRK). ML 6.6 (PMG). Mo=1.2*10**19 Nm (GS). Mo=1.2*10**19 Nm (HRV). Mo=1.0*10**19 Nm (PPT). Felt (III) at Rabaul.
NOV 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.

DATE	ORIGIN TIME UTC HR MN SEC	GEOGRAPHIC COORDINATES LAT	LONG	DEPTH	MAGNITUDES GS MB	Msz	SD	NO. STA USED	REGION, CONTRIBUTED MAGNITUDES AND COMMENTS
NOV 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=3.8*10**19 Nm (GS). Mo=4.0*10**19 Nm (HRV). Mo=3.9*10**19 Nm (PPT). Felt (VI) at Petropavlovsk-Kamchatskiy and (IV) at Severo-Kurilsk.
NOV 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=5.7*10**18 Nm (HRV). 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.
NOV 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=9.1*10**17 Nm (HRV). 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.
NOV 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). Mo=2.8*10**17 Nm (HRV). At least four people were injured and about 100 houses destroyed in the Shufu area.
DEC 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=1.8*10**19 Nm (GS). Mo=2.9*10**19 Nm (HRV). Mo=4.5*10**19 Nm (PPT). Felt (IV) at Manado and Ternate, Indonesia.
DEC 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=8.5*10**18 Nm (GS). Mo=1.5*10**19 Nm (HRV). Mo=2.2*10**19 Nm (PPT). Felt (III) at Manado and (II) at Ternate, Indonesia.
DEC 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=3.9*10**18 Nm (GS). Mo=3.7*10**19 Nm (HRV). Mo=7.3*10**19 Nm (PPT).
DEC 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). Mo=5.5*10**18 Nm (HRV).

Other Notable North American Earthquakes

APR 29	08 21 00.8	35.611 N	112.112 W	10 G	5.5	5.0	1.0	266	WESTERN ARIZONA. Mw 5.3 (HRV). Mo=1.0*10**17 Nm (HRV).Some damage at Big Water, Utah and additional damage at Pipe Springs National Monument. Slight damage (V) in the Flagstaff area and short power outages at Grand Canyon Village, Tusayan and Valle. Felt (V) at Ash Fork, Bellemont, Clarkdale, Cottonwood, Parks, Peach Springs and Sedona; (IV) at Fredonia, Gray Mountain, Jerome, Page, Paulden, Seligman, Williams and Winslow; (III) at Chinle, Chloride, Colorado City, Cornville, Grand Canyon, Kirkland and Pine. Felt (V) at Bryce, Cedar City, Kanab and Springdale, Utah; (IV) at Hurricane and Tropic, Utah. Felt at Lake Powell, Orderville, Rockville and St. George, Utah. Also felt at Cottonwood Cove, Las Vegas, Overton and Searchlight, Nevada.
MAY 17	23 20 49.2&	37.171 N	117.775 W	7	6.0	6.0		515	CALIFORNIA-NEVADA BORDER REGION. Mw 6.1 (GS), 6.1 (HRV). <GM-P>. MD 6.1 (GM), 6.2 (PAS). ML 6.2 (BRK). Mo=1.6*10**18 Nm (GS). Mo=1.8*10**18 Nm (HRV). Mo=1.0*10**18 Nm (PPT). Minor damage (V) at Independence and Lone Pine, California. Felt (V) at Big Pine, Bishop, Mojave, North Fork and Olancha; (IV) at Benton, Darwin, Inyokern, Lake Isabella, Lemoore, Miramonte, Onyx, Piedra, Reedley, Selma, Sequoia National Park, Strathmore, Three Rivers and Trona, California. Felt (V) at Beatty, Dyer, Goldfield and Tonopah; (IV) at Amargosa Valley, Nevada. Felt throughout a wide area of California and Nevada from the San Francisco Bay area, Sacramento and Los Angeles, California to Carson City, Ely and Las Vegas, Nevada. A large rockslide occurred about 7 kilometers east of Eureka Valley Sand Dunes.
DEC 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=1.6*10**17 Nm (HRV). Mo=1.2*10**17 Nm (PPT). Damage (VII) at Klamath Falls. Also slight damage (VI) at Tulelake, 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.

Compiled by Waverly J. Person

Corrections to Previous Monthy Listings

1. Delete event of 07:17:19.2 UTC on January 02, 1991. Data belong to event of 07:17:19.9 UTC on January 03.
2. Delete event of 16:08:56.4 UTC on January 25, 1991. Data belong to event of 21:51:24.9 UTC on January 27.
3. Delete event of 15:44:30.4 UTC on January 29, 1991. Data belong to event of 15:44:29.3 UTC on January 28.
4. Delete events of 19:12:23.6 UTC and 19:43:19.7 UTC on February 28, 1991. Data belong to event of 02:41:34.9 UTC on March 01
5. Delete event of 23:02:02.7 UTC on March 18, 1991. Data belong to event of 23:01:58.4 UTC on March 17.
6. Delete event of 03:19:33.8 UTC on March 26, 1991. Data belong to event of 03:19 UTC on March 25. (*)
7. Delete event of 08:27:39.9 UTC on April 14, 1991. Data belong to event of 08:27 UTC on April 13. (*)
8. Delete event of 08:52:18.3 UTC on April 14, 1991. Data belong to event of 08:52 UTC on April 13. (*)
9. Delete event of 07:46:23.9 UTC on April 15, 1991. Data belong to event of 07:46 UTC on April 16. (*)
10. Delete event of 15:35:54.2 UTC on April 17, 1991. Data belong to event of 15:35 UTC on April 16. (*)
11. Delete event of 09:14:08.8 UTC on April 23, 1991. Data belong to event of 09:14:09.3 UTC on April 20.
12. Delete event of 19:23:26.2 UTC on April 23, 1991. Data belong to event of 19:23 UTC on April 25. (*)
13. Delete event of 03:30:57.4 UTC on May 13, 1991. Data belong to event of 03:30:57.0 UTC.
14. Delete event of 12:12:42.6 UTC on May 25, 1991. Data belong to event of 12:11:47.2 UTC.
15. Delete event of 02:52:20.4 UTC on May 28, 1991. Data belong to event of 02:52:19.3 UTC on May 29.
16. Delete event of 01:11:44.2 UTC on June 13, 1991. Data belong to event of 01:11:44.3 UTC on June 15.
17. Delete event of 21:37:44.6 UTC on June 23, 1991. Data belong to event of 21:22:28.9 UTC.
18. Delete event of 18:15:08.4 UTC on June 25, 1991. Data belong to either event of 18:14:23.5 UTC in West Irian Region or 18:16:44.7 UTC in New Britain Region.
19. Delete event of 08:47:10.3 UTC on July 03, 1991. Data belong to event of 08:47:10.6 UTC on July 04.
20. Delete event of 01:41:59.5 UTC on July 09, 1991. Data belong to event of 01:41:55.7 UTC on July 12.
21. Delete event of 15:43:34.9 UTC on July 29, 1991. Data belong to event of 15:43:28.2 UTC on July 31.
22. Delete event of 19:05:46.1 UTC on September 09, 1991. Data belong to event of 19:05:37.8 UTC on September 08.
23. Delete event of 03:09:43.6 UTC on October 12, 1991. Data belong to event of 03:09:45 UTC on October 13. (*)
24. Delete event of 19:54:17.5 UTC on October 23, 1991. Data belong to event of 19:54:18 UTC on October 25. (*)
25. Delete event of 21:45:54.2 UTC on October 24, 1991. Data belong to event of 21:45:56.5 UTC on October 23.
26. Delete event of 05:19:55.8 UTC on October 25, 1991. Data belong to event of 05:19:51.6 UTC on October 24.
27. Delete event of 10:26:28.2 UTC on October 25, 1991. Data belong to event of 10:26:23.6 UTC on October 24.
28. Delete event of 20:15:18.4 UTC on November 10, 1991. Data belong to event of 20:15:20 UTC on November 01. (*)
29. Delete event of 21:16:01.4 UTC on December 16, 1991. Data belong to event of 21:16:02 UTC on December 17. (*)
30. Delete event of 05:47:03.9 UTC on December 28, 1991. Data belong to event of 05:47:02.2 UTC on December 29.
31. Delete event of 19:56:38.8 UTC on December 28, 1991. Data belong to event of 19:56:38 UTC on December 29. (*)
32. Delete event of 23:55:15.8 UTC on January 02, 1992. Data belong to event of 23:55:15.6 UTC on January 01.
33. Delete event of 12:13:55.7 UTC on January 04, 1992. Data belong to event of 12:13:48.2 UTC on January 05.
34. Delete event of 09:37:56.9 UTC on January 09, 1992. Data belong to event of 09:37:50.5 UTC on January 29.
35. Delete event of 13:40:01.6 UTC on January 09, 1992. Data belong to event of 13:40:01.4 UTC on January 29.
36. Delete event of 12:32:07.1 UTC on January 17, 1992. Data belong to event of 12:32:06.4 UTC on January 16.
37. Delete event of 03:58:51.7 UTC on February 06, 1992. Data belong to event of 02:58:50.6 UTC.
38. Delete event of 00:41:08.8 UTC on February 19, 1992. Data belong to event of 00:41:08.8 UTC on February 21.
39. Delete event of 12:19:32.7 UTC on February 19, 1992. Data belong to event of 12:19:33.4 UTC on February 21.
40. Delete event of 19:13:53.5 UTC on February 24, 1992. Data belong to event of 19:13:54 UTC on February 25. (*)
41. Delete event of 02:17:33.9 UTC on March 03, 1992. Data belong to event of 02:17:34.2 UTC on March 04.
42. Delete event of 03:45:15.1 UTC on March 03, 1992. Data belong to event of 03:45:15 UTC on March 04. (*)
43. Delete event of 13:40:28.5 UTC on March 05, 1992. Data belong to event of 13:40:26 UTC on March 06. (*)
44. Delete event of 02:09:44.6 UTC on March 16, 1992. Data are secondary phases (PKP) for event of 01:54:43.4 UTC.
45. Delete event of 13:25:31.0 UTC on March 18, 1992. Data belong to event of 13:25:27 UTC on March 19. (*)

46. Delete event of 19:04:20.0 UTC on March 18, 1992. Data belong to event of 19:04:20 UTC on March 19. (*)

47. Delete event of 22:54:08.1 UTC on March 18, 1992. Data belong to event of 22:54:06.5 UTC on March 19.

48. Delete event of 17:52:19.0 UTC on March 22, 1992. Data belong to event of 16:52:24.2 UTC.

49. Delete event of 15:52:48.3 UTC on March 23, 1992. Data belong to event of 15:54:12 UTC on March 23. (*)

50. Delete event of 21:51:49.5 UTC on April 16, 1992. Data belong to event of 21:51:48.0 UTC on April 15.

51. Delete event of 23:58:31.0 UTC on April 18, 1992. Data belong to event of 23:58:31 UTC on April 19. (*)

52. Delete event of 01:25:05.7 UTC on May 04, 1992. Data belong to event of 01:25:05.6 UTC on May 14.

53. Delete event of 01:25:35.7 UTC on May 11, 1992. Data belong to event of 00:25:33.4 UTC.

54. Delete event of 16:11:21.8 UTC on June 10, 1992. Data belong to event of 16:12:22.2 UTC.

55. Delete event of 16:12:00.4 UTC on June 29, 1992. Data belong to event of 16:04:13.6 UTC.

56. Correct event of 14:08:38.9 UTC on April 16, 1993 in the Fiji Islands Region. The seismic moment real time value for Papeete (PPT) should read as Mo=2.4*10**19 Nm. This information is supplied by the Laboratoire de Geophysique, Papeete.

The corrections shown above (except for number 56) are based on information supplied by R.D. Adams and V.I. Marza from the International Seismological Centre.

(*) These events were located by the International Seismological Centre.

EXPLANATION OF ABBREVIATIONS AND SYMBOLS APPEARING IN THIS PUBLICATION

Abbreviations in Heading

MB - Body wave magnitudes.
Msz - Vertical surface wave magnitudes.
UTC - Coordinated Universal Time. HR MN SEC - Hour, minute, second.
SD - Standard Deviation from the arithmetic mean of residuals.
No. Sta. - Number of stations reporting P or PKP phases used in computation.
KEY - (Printed vertically). A symbol in this column indicates additional source parameters and/or a focal sphere are published for this event in separate sections which follow the list of hypocenters. The symbols are:
a - Additional source parameters
f - Additional source parameters plus focal sphere

Symbols and Abbreviations Used in Comments

AEIC	Alaska Earthquake Information Center (U.S. Geological Survey and University of Alaska), College.
APT	University of Connecticut.
BGS	British Geological Survey, Edinburgh, United Kingdom.
BLA	Virginia Polytechnic Institute and State University, Blacksburg.
BOU	University of Colorado, Boulder.
BRK	University of California, Berkeley.
BUT	Montana Bureau of Mines and Geology, Butte.
DOE	U.S. Department of Energy (formerly AEC and ERDA).
EXPLO	Some or all parameters of explosion (controlled or accidental) supplied by any group or individual other than DOE or its predecessor organizations.
GLD	U.S. Geological Survey, Golden, Colorado (other than NEIS).
GM	U.S. Geological Survey, Menlo Park, California.
GS	U.S. Geological Survey, National Earthquake Information Service (NEIS), Golden, Colorado.
HDC	Observatorio Vulcanologico y Sismologico de Costa Rica, Universidad Nacional, Heredia, Costa Rica.
HRV	Harvard University, Cambridge, Massachusetts.
HVO	Hawaiian Volcano Observatory.
JMA	Japan Meteorological Agency, Tokyo (also used to indicate 7-point Japanese Intensity Scale).
LAK	Kansas Geological Survey, University of Kansas, Lawrence.
LDG	Laboratoire de Detection et de Geophysique, Bruyeres-le-Chatel, France.
MACRO	Hypocenter based upon macroseismic information.
MD	Duration magnitude (shown as DUR prior to 1986).
MDD	Instituto Geografico Nacional, Madrid, Spain.
MG	Contributed local or regional magnitude of unspecified type (see "Contributed Magnitudes" below).
MW	Moment Magnitude.
OTT	Geological Survey of Canada, Earth Physics Branch, Ottawa.
PAL	Columbia University, Lamont-Doherty Geological Observatory, Palisades, New York.
PAR	Institute de Physique du Globe, Universite Pierre et Marie Curie, Paris, France.
PAS	California Institute of Technology, Pasadena.
PGC	Pacific Geoscience Centre, Sidney, British Columbia, Canada.
PMR	Alaska Tsunami Warning Center, Palmer, Alaska.
PPT	Laboratoire de Geophysique, Papeete, French Polynesia.
REN	University of Nevada, Reno.
RF	Rossi-Forel Intensity Scale.
SEA	University of Washington, Seattle.
SLC	University of Utah, Salt Lake City.
SLM	St. Louis University, Missouri.
SPEC	An NEIS solution based on use of dense local networks, a local crustal model, or other methods not routinely applied in calculating the hypocenter parameters.
TEIC	Center for Earthquake Research and Information, Memphis, Tennessee.
TUL	Oklahoma Geological Survey, Leonard.
UVC	Universidad del Valle, Cali, Colombia.
WES	Weston Observatory, Massachusetts.

Roman Numerals — Used to indicate intensity (when not followed by RF or JMA they refer to the Modified Mercalli Scale or any 12-point intensity scale closely related to it).

' " — Geographic degrees, minutes, seconds.
-P — Supplied hypocenter is a preliminary computation.

Any additional 3 to 5 letter codes enclosed in parentheses or angle brackets refer to individual station codes. These codes may be found in Geological Survey Open File Report 85-714, Seismograph Station Codes and Coordinates (1985). Addenda to OF 85-714 are printed at the end of the Earthquake Data Report for this month.

Symbols Following Depth

N Indicates the depth was restrained at 33 km for earthquakes whose character on seismograms indicates a shallow focus but whose depth is not satisfactorily determined by the data.

D Indicates the depth was restrained by the computer program based on 2 or more compatible pP phases and/or unidentified secondary arrivals used as pP.

G Indicates the depth was restrained by a geophysicist.

* Indicates a less well-constrained free depth. The 90% marginal confidence interval on depth is greater than 8.5 km and less than or equal to 16.0 km.

? Indicates a poorly-constrained free depth. The 90% marginal confidence interval on depth is greater than 16.0 km.

The lack of any symbol indicates that the 90% marginal confidence interval on depth is less than or equal to 8.5 km, or that a contributed hypocenter was computed with a free depth, regardless of the size of the confidence interval.

Symbols Following Origin Time

& Indicates that parameters of the hypocenter were supplied or determined by a computational procedure not normally used by the National Earthquake Information Service (NEIS). The source or nature of the determination is indicated by a 2 to 5 letter code enclosed by angle brackets and appearing in the first line of comments. A "-P" appended to the code indicates that the computation is preliminary. These codes are included with the list of abbreviations above.

% Indicates a single network solution. A non-furnished hypocenter has been computed using data reported by a single network of stations for which the date and/or origin time cannot be confirmed from seismograms available to a NEIS analyst. The geometric mean of the semi-major and semi-minor axes of the horizontal 90% confidence ellipse is less than or equal to 16.0 km.

* Indicates a less reliable solution. In general, the geometric mean of the semi-major and semi-minor axes of the horizontal 90% confidence ellipse is greater than 8.5 km and less than or equal to 16.0 km.

? Indicates a poor solution, published for completeness of the catalog. In general, the geometric mean of the semi-major and semi-minor axes of the horizontal 90% confidence ellipse is greater than 16.0 km. This includes a poor solution computed using data reported by a single network.

The lack of any symbol indicates that the geometric mean of the semi-major and semi-minor axes of the horizontal 90% confidence ellipse is less than or equal to 8.5 km.

APPROXIMATE CORRELATION OF GRADES FOR INTENSITY SCALES REPORTED IN PRELIMINARY DETERMINATION OF EPICENTERS

U.S.A. Modified Mercalli (M.M.), 1931	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
Japanese (JMA), 1950	0	I	II	II-III	III	IV	IV-V	V	V-VI	VI	VII	VII
Rossi-Forel (RF), 1873	I	I-II	III	IV-V	V-VI	VI-VII	VIII-	VIII+ - IX	IX+	X	X	X
European (Mercalli-Cancani-Sieberg), 1917	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII

TRAVEL-TIME TABLES

In general, all hypocenters have been computed based on the 1940 Jeffreys-Bullen P and 1968 Bolt PKP travel-time tables. Some other earth model or computational procedure may have been used for those hypocenters which have been indicated by an ampersand (&) following the origin time.

MACROSEISMIC INFORMATION

Macroseismic information is compiled from various sources, including newspaper articles, Foreign Broadcast Information Service messages, U.S. Geological Survey Earthquake Reports and seismological station reports. Macroseismic information for southwestern France is contributed by Dr. Pierre Stahl, Pau. Sources of information for particular events can be supplied on request from: U.S. Geological Survey, National Earthquake Information Center, Stop 967, Box 25046, Denver Federal Center, Denver, CO 80225, U.S.A.

GEOGRAPHIC REGIONS

The regions shown in the comments column are from the seismic and geographical regionalization of Flinn, Engdahl and Hill (1974), with occasional name changes which have been given in various issues of the Monthly Listing. The boundaries of these regions are defined at one degree intervals and differ slightly from irregular political boundaries.

DEPTHS FROM BROADBAND DISPLACEMENT SEISMOGRAMS

The NEIS routinely interprets broadband data from the GDSN and RSTN using methods described by Harvey and Choy (1982) and by Choy and Boatwright (1981) for events with MB $\geq$ 5.8. The notation that a depth is obtained from broadband seismograms indicates that a depth was obtained by inversion of differential travel times of depth phases that are clearly identifiable at several stations using broadband records that are flat to displacement between approximately 0.01 and 5.0 Hz.

Choy, G. L. and Engdahl, E. R., 1987, Analysis of broadband seismograms from selected IASPEI events: Physics of the Earth and Planetary Interiors, v. 47, p. 80-92.

Harvey, D. and Choy, G. L., 1982, Broadband deconvolution of GDSN data: Geophysical Journal of the Royal Astronomical Society, v. 69, p. 659-668.

FAULT PLANE SOLUTIONS

A fault plane solution is determined when possible for any earthquake having a magnitude $\geq$ 5.8, using first motions from P, PKP, pP and pPKP waves. A description of the solution is reported in the Additional Focal Parameters section of the Preliminary Determination of Epicenters Monthly Listing. First motion data used to compute the solution are available upon request from the National Earthquake Information Center at the address given above.

FOCAL MECHANISM MAPS

Best double couple focal mechanisms are plotted as lower-hemisphere, equal-area projections for earthquakes having a seismic moment greater than 1*10**17 Nm. The shaded quadrants represent compressional first motions. For each event, the mechanism shown is selected from either the Fault Plane Solution, Moment Tensor Solution or Centroid, Moment Tensor Solution. All these solutions are given in the Additional Source Parameters section of the Monthly Listing.

NEIS MAGNITUDES

All magnitudes are NEIS magnitudes unless otherwise indicated. Beginning with August, 1983, average magnitudes are computed by a 25% trimmed mean as described by Rosenberger, J. L. and Gasko, M., 1983, "Comparing location estimators: trimmed means, medians, and trimean" in Understanding Robust and Exploratory Data Analysis, ed. Hoaglin, D.C., Mosteller, F., and Tukey, J. W., John Wiley, New York.

Mw These moment magnitudes are computed from the scalar moment of the moment tensor using the Kanamori (1977) formula:

$$Mw = (2/3) \log Mo - 10.7$$

where Mo is the scalar moment of the best double couple in dyne-cm. Beginning with January, 1993, a moment magnitude is computed routinely from the USGS moment tensor and Harvard centroid moment tensor solutions.

Ms These surface wave magnitudes are computed from the IASPEI formula:

$$Ms = \text{Log } (A/T) + 1.66 \text{ Log } D + 3.3$$

where:

A is the maximum ground amplitude in micrometers (microns) of the vertical component of the surface wave within the period range $18 \leq T \leq 22$.

T is the period in seconds.

D is the distance in geocentric degrees (station to epicenter) and $20° \leq D \leq 160°$.

No depth corrections are applied, and Ms magnitudes are not generally computed for depths greater than 50 km. The Ms value published is the average of the individual station magnitudes from reported T and A data.

If the uncertainty of the computed depth is considered great enough that the depth could be less than 50 km, an Ms value may still be published, computed by the IASPEI formula and not corrected for depth.

In general, the Ms magnitude is more reliable than the MB magnitude as a means of yielding the relative "size" of a shallow-focus earthquake.

MB These compressional body wave (P-wave) magnitudes are computed according to the formula:

$$MB = \text{Log } (A/T) + Q(D,h)$$

defined by Gutenberg and Richter (1956) except that T, the period in seconds, is restricted to $0.1 \leq T \leq 3.0$ and A, the ground amplitude in micrometers, is not necessarily the maximum in the P group. Q is a function of distance (D) and depth (h) where $D \geq 5°$.

mbLg These Lg body wave magnitudes are computed according to the formula:

$$mbLg = 3.75 + 0.90 \text{ Log } D + \text{Log } (A/T) \text{ for } 0.5° \leq D \leq 4°$$

$$mbLg = 3.30 + 1.66 \text{ Log } D + \text{Log } (A/T) \text{ for } 4° \leq D \leq 30°$$

as proposed by Nuttli (1973) where A is the ground amplitude in micrometers and T is the period in seconds calculated from the vertical component 1-second Lg waves. D is the distance in geocentric degrees.

ML These local magnitudes are computed according to the formula:

$$ML = \text{Log } A - \text{Log } Ao$$

defined by Richter (1935) where A is the maximum trace amplitude in micrometers recorded on a standard short-period torsion seismometer and Log Ao is a standard value as a function of distance where distance ≤ 600 km.

CONTRIBUTED MAGNITUDES

Magnitudes appearing in the comments which have been contributed by organizations operating a network of stations may have been calculated from any one station in the network or may be an average magnitude from a number of stations from the network.

Beginning with January, 1986, a contributed magnitude of unspecified type may be quoted (using the designator MG) for events which have no other magnitudes given or computed. These MG magnitudes either have been reported by the contributor without listing the type (such as "Mag 3.5") or have been computed using procedures which are not defined by the magnitude types routinely reported in this bulletin. Direct inquiries should be made to the contributor (shown in parentheses after the magnitude) concerning the specific details of the computational procedures used to determine these values.

REFERENCES

Gutenberg, B., and Richter, C. F., 1956, Magnitude and energy of earthquakes: Annali di Geofisica, v. 9, no. 1, p. 1-15.

Kanamori, H., 1977, The energy release in great earthquakes: Journal of Geophysical Research, v. 82, p. 2981-2987.

Nuttli, O. W., 1973, Seismic wave attenuation and magnitude relations for eastern North America: Journal of Geophysical Research, v. 78, no. 5, p. 876-885.

Richter, C. F., 1935, An instrumental earthquake scale: Bulletin of the Seismological Society of America, v. 25, p. 1-32.

WAVEFORM PLOTS

Each month selected events with MB $\geq$ 5.8 will be shown. For each event, up to sixteen body phase waveforms will be selected for display around the periphery of an equal area plot of the lower hemisphere of the focal sphere. Each waveform will be connected by a dotted line to a symbol marking the corresponding azimuth and take-off angle on the focal sphere. For reference, the nodal planes, compression axis (P), and tension axis (T) will also be plotted when solutions are available. The dominant double couple of the USGS moment tensor will be shown in solid lines with the axes designated by P and T respectively. The NEIS first motions fault plane solution will be shown in dashed lines with the axes designated by P' and T' respectively. If both solutions are available, the primed axes may be suppressed unless they are sufficiently different from the unprimed axes. Each event will be titled with its origin date-time and Flinn-Engdahl region name to facilitate cross-referencing with the Monthly Listing text.

Each waveform will be identified by station code, data type, phase name and scale factor. The data type will be identified by a code conforming with the channel-naming conventions adopted for the Standard for the Exchange of Earthquake Data (SEED) by the Federation of Digital Seismograph Networks. Long period channels, designated by LH or LL (where the second letter denotes a high-gain channel, H, or a low-gain channel, L) will display approximately one-half minute of noise followed by three minutes of signal. Time and amplitude are referenced to a set of axes labeled L and shown at the bottom of each plot. The scale factor is an integer from which absolute amplitude, in micrometers of ground displacement at the dominant period of the pass-band (25 sec), may be determined. Absolute amplitude may be recovered by measuring the amplitude of the seismogram relative to the amplitude axis and dividing it by the scale factor. Note that long period channels with pass-bands which extend well into the microseism noise peak will be processed for presentation using a four-pole Butterworth low-pass filter with a corner at 25 sec. period. Other data types are indicated by BH or BL (broad-band), MH or ML (mid-band), SH or SL (short period), or EH or EL (extremely short period). As these types of data have different pass-bands than long period data, different time and amplitude scales will generally be needed. These scales will be labeled M and B for broad-band and mid-band and S and E for short and extremely short period and will be shown at the bottom of each plot as needed. As with the long period waveforms, the absolute amplitudes of the other data types may be recovered from the amplitude scale and the scale factor. For broad-band and mid-band data, the absolute amplitude is referenced to 10 seconds. For short and extremely short period data, the absolute amplitude is referenced to 1 second. Broad-band and mid-band data will be processed to be proportional to displacement from 0.01 Hz to at least 2 Hz. In some cases, BH channels will be synthesized by combining LH and SH data. In addition, each component will be identified by a direction indicator (ie. N, E, Z, R and T for north-south, east-west, vertical, radial, and transverse, respectively). Note that the dominant period approximation will not be valid for broad-band, mid-band or some long period data. However, the scaling will still be correct.

Waveforms will primarily be selected to display variations in the P waveform as a function of azimuth. If space permits, some PKP waveforms may be shown as well. To this end, waveforms which are clipped, non-linear, or very noisy will be rejected. Further, only one of several stations at similar distance and azimuth may be used if all show similar waveforms. Note that the importance of a record in focal parameter derivation will not be considered. Thus, many seismograms will be shown which have not been used in the USGS moment tensor solution. Conversely, records which have been important in constraining one or both solutions may have been passed over for lack of space. The data are derived from globally distributed digital stations collected by the USGS Albuquerque Seismological Laboratory from a number of cooperating networks. For details on data sources, see the National Earthquake Information Center Newsletter.

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USGS RADIATED ENERGY

The energy radiated by an earthquake is estimated from the energy spectral density of the broadband P waves, using the method described by Boatwright and Choy (1986), where the energy flux in the P waves is integrated directly. No correction for source directivity or frequency-dependent interference of the depth phases is incorporated into these estimates of radiated energy. Data used are either direct P waves (for deep earthquakes) or the P wave group consisting of P, pP and sP (for shallow earthquakes) from GDSN and other stations that contribute digital data to the NEIC within two months of the occurrence of an event. The data are processed using the method of Harvey and Choy (1982) so that they are flat to velocity from low frequencies (generally 0.01 Hz) to at least 2.0 Hz. The effect of attenuation is corrected with the frequency-dependent t* of Choy and Cormier (1986). The focal mechanism used is either the P-wave first-motion solution (F), the USGS moment tensor solution (M) or the Harvard centroid solution (C).

Boatwright, J. and Choy, G. L., 1986, Teleseismic estimates of the energy radiated by shallow earthquakes: Journal of Geophysical Research, v. 91, p. 2095-2112.

Choy, G. L. and Cormier, V. F., 1986, Direct measurement of the mantle attenuation operator from broadband P and S waveforms: Journal of Geophysical Research, v. 91, p. 7326-7342.

Harvey, D. and Choy, G. L., 1982, Broadband deconvolution of GDSN data: Geophysical Journal of the Royal Astronomical Society, v. 69, p. 659-668.

EXPLANATION OF THE ENTRIES "MOMENT TENSOR SOLUTION" (USGS)

These solutions have been determined using the body-wave moment tensor inversion method described by Sipkin (1982).

1. NUMBER OF STATIONS: Number of GDSN stations with distances between approximately 30 and 95 degrees found to have suitable P waveforms. Only long-period vertical components are used.

2. DEPTH: The source depth which gives the smallest normalized mean-squared-error. This is the only hypocentral parameter determined since the inversion procedure is insensitive to small errors in both epicenter and origin time.

3. SCALE)
4. PRINCIPAL AXES) See "Centroid, Moment Tensor (HRV)"
5. BEST DOUBLE COUPLE)

S. A. Sipkin, U.S. Geological Survey, Mail Stop 967, Box 25046, Denver Federal Center, Denver, CO 80225 USA

Sipkin, S. A., 1982, Estimation of earthquake source parameters by the inversion of waveform data: synthetic seismograms: Physics of the Earth and Planetary Interiors, v. 30, no. 2-3, p. 242-259.

EXPLANATION OF THE ENTRIES "GEOSCOPE MOMENT TENSOR (PAR)"

These solutions have been obtained from very long period Rayleigh wave data in the period range 180-310 seconds (R1 and R2 trains) using a two step moment tensor inversion method as described in Romanowicz and Guillemant (1984) and Romanowicz and Monfret (1986). Parameters solved for are centroid time, seismic moment, depth and moment tensor. Origin time and epicentral coordinates are kept fixed as given in the USGS Quick Epicenter Determinations (QED) or PDE. For shallow earthquakes the precision on depth is in general no greater than ± 10 km.

The data used presently come from GEOSCOPE teletransmitted stations (usually 8 - 10 stations) and are available within a week after the event. The solutions are computed by the Institute de Physique du Globe, Universite Pierre et Marie Curie, Paris, France.

Romanowicz, B. and Guillemant, P., 1984, An experiment in the retrieval of depth and source mechanism of large earthquakes using very long-period Rayleigh wave data: Bulletin of the Seismological Society of America, v. 74, no. 2, p. 417-437.

Romanowicz, B. and Monfret, T., 1986, Source process times and depths of large earthquakes by moment tensor inversion of mantle wave data and the effect of lateral heterogeneity: Annales de Geophysique, v. B4, no. 3, p. 271-282.

EXPLANATION OF THE ENTRIES "CENTROID, MOMENT TENSOR (HRV)"

These solutions have been determined using the long period body and mantle wave moment tensor inversion method described by Dziewonski, et.al. (1981) considering corrections due to an aspherical earth structure of model SH8/U4L8 (Dziewonski and Woodward, 1991).

1. DATA USED: currently GDSN, GSN and IDA/IRIS data are used. The numbers following the entries L.P.B. and M.W. indicate the number of stations (S) and total number of records (C) for the long-period body waves and mantle waves, respectively. Mantle waves are routinely used in inversion for sources with moments greater than 5*10**18 Newton-meters (Nm).

2. CENTROID LOCATION: hypocentral parameters obtained by adding perturbations resulting from inversion to the parameters reported in the PDE; standard errors follow the individual entries. If a given parameter is not perturbed in inversion, this is indicated by the letters FIX. If the depth is fixed to be consistent with waveform matching of reconstructed broad-band body waves (Ekstrom, 1989), this is indicated by the letters BDY. The default depth for shallow earthquakes is increased to 15 km. in order to improve the stability of solutions; it was 10 km. in 1981-1985.

3. PRINCIPAL AXES: rotation of the moment tensor, constrained to have zero trace, into the principal axes system. Most of the solutions are predominantly of the double couple type: the largest positive eigenvalue corresponds to the tension axis (T); the usually small, intermediate eigenvalue is associated with the null axis (N); the smallest negative eigenvalue is identified with the compression axis (P). PLG are the plunges and AZM the azimuths of the axes.

4. BEST DOUBLE COUPLE: If the eigenvalue (T) is σ_1 and (P) is $-\sigma_2$, then the scalar seismic moment is defined as $Mo = 1/2(\sigma_1 + \sigma_2)$. The strike, dip and slip of the first (NP1) and second (NP2) nodal planes are calculated from the directions of the P, T, and N axes. The remainder is a linear-vector dipole; in most cases the magnitude of LVD is small. Although all such decompositions are highly non-unique, this particular one is the best in estimating the starting solution for the non-linear, constrained double couple inverse problem. The strike, dip, and slip angles are defined using the convention of Aki and Richards (1980, p. 106) and are the angles designated there as ϕ_s, δ, λ, respectively.

A. M. Dziewonski, G. Ekstrom and M. P. Salganik, Department of Earth and Planetary Sciences, Harvard University, Cambridge, MA 02138

Aki, K. and Richards, P. G., Quantitative Seismology, Volume 1, W. H. Freeman, San Francisco, 1980, 557 pp.

Dziewonski, A. M., Chou, T. A., and Woodhouse, J. H., 1981, Determination of earthquake source parameters from waveform data for studies of global and regional seismicity: Journal of Geophysical Research, v. 86, p. 2825-2852.

Dziewonski, A. M. and Woodward, R.L., 1991, Acoustic imaging at the planetary scale, in Acoustical Imaging, Vol. 19, E. Ermert and H.-P. Harjes, eds., Plenum Press (in press).

Ekstrom, G., 1989, A very broad band inversion method for the recovery of earthquake source parameters: Tectonophysics, v. 166, p. 73-100.

OTHER SEISMIC MOMENTS

1. The seismic moment (Mo) contributed by the University of California, Berkeley (BRK), is given for regional earthquakes based on Wood-Anderson torsion seismograms recorded within 300 km of the epicenter with peak-to-peak amplitudes of at least 3 mm. This seismic moment (Mo) in dyne-cm is defined by Log Mo = 16.74 + 1.22Log(CDΔ), where C is the maximum peak-to-peak amplitude in mm, D is the duration in seconds from the time of the S-wave onset to the last time that the peak-to-peak amplitude exceeds C/3, and Δ is the epicentral distance in km. Seismic moments quoted in "Preliminary Determination of Epicenters" are converted to Newton-meters (1 Newton-meter = 10**7 dyne-cm).

   Bolt, B.A. and Herraiz, M. 1983, Simplified estimation of seismic moment from seismograms: Bulletin of the Seismological Society of America, v. 73, p. 735-748.

2. Beginning with November, 1988, seismic moments for selected events have been contributed by the Laboratoire de Geophysique, Papeete, French Polynesia (PPT). These moments are computed from mantle Rayleigh and Love waves using the method of Talandier, Reymond and Okal (1987 and 1990).

   Talandier, J., Reymond, D. and Okal, E.A. 1987, Use of a variable period mantle magnitude for the rapid one-station estimation of seismic moments: Geophysical Research Letters, v. 14, no. 8, p. 840-843.

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PRELIMINARY DETERMINATION OF EPICENTERS

MONTHLY LISTING

U.S. DEPARTMENT OF THE INTERIOR / GEOLOGICAL SURVEY

National Earthquake Information Center

FEBRUARY 1994

K E Y	DAY	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	00	00	26.8%	37.288	N	4.327	W	10	G			1.0	5	SPAIN. mbLg 2.2 (MDD).
	01	00	07	59.1%	44.814	N	7.277	E	10	G			0.8	7	NORTHERN ITALY. ML 2.0 (GEN).
	01	00	12	28.6?	44.07	S	167.07	E	33	N			0.4	13	SOUTH ISLAND, NEW ZEALAND. ML 3.7 (WEL).
	01	01	02	13.6*	51.144	N	15.750	E	10	G			0.5	8	POLAND. ML 2.4 (CLL).
	01	01	06	08.7?	44.39	N	7.35	E	5	G			0.3	4	NORTHERN ITALY. ML 1.5 (GEN).
	01	01	16	46.5	44.821	N	39.863	E	42	*	4.1		1.2	33	NORTHWESTERN CAUCASUS
	01	01	36	52.2%	43.980	N	4.454	E	10	G			1.4	9	NEAR SOUTH COAST OF FRANCE. ML 2.4 (LDG).
	01	02	54	13.0	45.474	N	7.031	E	10	G			0.4	9	NORTHERN ITALY. ML 2.5 (GEN).
	01	03	40	52.5?	1.15	N	127.62	E	33	N	4.7	4.0	1.4	7	HALMAHERA, INDONESIA
	01	04	30	01.1*	38.670	N	27.477	E	10	G			0.5	7	TURKEY. MD 3.7 (ATH).
	01	04	39	56.4	4.331	S	143.906	E	126		4.7		1.0	21	NEW GUINEA, PAPUA NEW GUINEA
	01	04	46	50.9	43.988	N	7.996	E	10	G			0.3	17	NEAR SOUTH COAST OF FRANCE. ML 2.1 (GEN), 2.0 (LDG).
	01	04	47	03.5&	57.786	N	152.480	W	40		3.8			79	KODIAK ISLAND REGION. <AEIC>. ML 3.7 (AEIC), 3.8 (PMR).
	01	05	15	14.9	45.840	N	14.767	E	5	G			1.0	6	NORTHWESTERN BALKAN REGION. ML 1.7 (VIE). MD 2.0 (LJU).
	01	05	25	00.1*	12.035	N	89.371	W	28	*			0.7	16	OFF COAST OF CENTRAL AMERICA
	01	06	08	20.0&	34.223	N	118.594	W	18					31	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 3.1 (GS).
	01	06	12	02.0	53.426	N	160.407	E	43	D	4.6	4.5	1.0	45	NEAR EAST COAST OF KAMCHATKA
	01	06	41	01.3%	30.851	S	117.924	E	10	G			0.5	5	WESTERN AUSTRALIA
	01	07	40	19.9&	34.232	N	118.623	W	3					44	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.6 (PAS), 3.8 (GS).
	01	08	01	51.2&	37.282	N	118.345	W	10					65	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 4.0 (GM). ML 4.3 (GS), 4.2 (BRK). Mo=1.2*10**15 Nm (BRK). Felt (V) at Big Pine; (IV) at Bishop and June Lake; (III) at North Fork, California.
	01	08	20	23.8&	37.283	N	118.344	W	10					21	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.3 (GM). ML 3.3 (BRK).
	01	08	31	27.9?	7.28	S	128.39	E	128	?	4.6		0.5	7	BANDA SEA
	01	08	32	02.6?	6.11	S	146.72	E	122	?			1.0	5	EASTERN NEW GUINEA REG., P.N.G.
	01	09	27	50.4%	28.327	N	34.576	E	10	G			0.4	5	EGYPT
	01	09	29	58.1&	34.151	N	119.173	W	23					27	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.6 (GS).
	01	09	30	55.1	17.228	N	73.523	E	10	G	5.0		1.2	100	SOUTHERN INDIA. Thirty-two houses damaged at Kasani Village. Felt throughout southern Maharashtra. Also felt in northern Karnataka and Goa.
	01	09	58	14.0	42.765	N	111.103	W	5	G			0.6	36	EASTERN IDAHO. ML 3.5 (GS), 3.4 (BUT). Felt in the Afton, Wyoming area. Also felt at Fairview, Wyoming and at the Simplot Smoky Canyon Mine.
	01	09	59	10.9&	34.328	N	118.696	W	3					37	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.4 (GS).
a	01	10	01	54.5&	19.244	N	155.288	W	33		5.3	5.1		213	HAWAII. <HVO-P>. Mw 5.6 (HRV). MD 5.2 (HVO). Ms 4.7 (BRK). Mo=3.2*10**17 Nm (PPT). Felt (V) at Honomu, Ninole and Pahala; (IV) at Hilo, Holualoa, Honokaa, Kapaau, Kukuihaele, Mountain View, Ookala, Paauilo, Papaaloa and Papaikou. Felt (V) at Hana and (IV) at Haiku and Makawao, Maui. Also felt (IV) at Honolulu and (III) at Waimanalo, Oahu. Felt throughout much of the island of Hawaii and as far as Kauai.
	01	10	15	49.1*	51.238	N	15.971	E	10	G			0.7	6	POLAND. ML 2.5 (CLL).
	01	12	51	58.7&	34.315	N	118.504	W	11					30	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS), 2.5 (GS).
	01	13	11	17.8	45.730	N	26.672	E	132	*			1.0	18	ROMANIA
	01	13	18	34.1	49.149	N	6.846	E	10	G			1.0	13	GERMANY. ML 2.5 (STR), 2.0 (UCC).
	01	15	23	50.2*	21.310	S	169.930	E	121	?	4.8		1.1	24	LOYALTY ISLANDS REGION
	01	16	24	01.2*	13.395	N	90.192	W	33	N			0.8	10	NEAR COAST OF GUATEMALA. MD 3.4 (GCG).
	01	16	29	37.3*	21.501	S	70.030	W	52	D	5.0		1.4	30	NEAR COAST OF NORTHERN CHILE
	01	16	29	47.1*	4.889	N	127.796	E	122	*	4.8		0.9	12	TALAUD ISLANDS, INDONESIA
	01	16	54	17.3%	41.281	S	172.646	E	201	?			0.3	18	SOUTH ISLAND, NEW ZEALAND
	01	17	10	24.2	41.031	N	22.574	E	5	G			0.4	10	NORTHWESTERN BALKAN REGION. ML 2.0 (THE), 1.7 (SKO).
	01	17	33	35.8	4.015	N	32.585	W	10	G	4.9	4.4	1.3	65	CENTRAL MID-ATLANTIC RIDGE
	01	18	08	56.8?	9.28	S	130.45	E	33	N	4.6		1.1	7	TIMOR SEA
	01	18	23	35.9&	34.336	N	118.614	W	7					29	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 3.0 (GS).
	01	19	25	42.4*	15.583	N	121.354	E	93	*			1.5	7	LUZON, PHILIPPINE ISLANDS

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	01	20	20	03.9&	59.830	N	150.658	W	10		4.1		110	KENAI PENINSULA, ALASKA. <AEIC>. ML 4.1 (AEIC), 4.4 (PMR). Felt (III) at Homer and Kasilof. Also felt at Bradley Lake and Seldovia.
	01	21	15	22.2&	34.250	N	118.624	W	5				29	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS), 2.8 (GS).
	01	21	21	32.8*	38.285	N	20.368	E	10	G		1.4	6	GREECE. MD 3.3 (ATH).
a	01	22	14	23.3	11.315	S	163.863	E	38	D	5.5 5.5	1.1	232	SOLOMON ISLANDS. Mw 6.1 (HRV). Ms 5.5 (BRK). Mo=3.5*10**18 Nm (PPT).
	01	22	30	35.2	44.479	N	7.213	E	10	G		0.4	11	NORTHERN ITALY. ML 2.2 (GEN), 1.7 (LDG).
	01	22	44	28.2	24.778	N	122.525	E	133	D	5.4	1.0	302	TAIWAN REGION
	01	22	52	30.6?	36.72	S	176.48	E	388	?		0.3	19	OFF E. COAST OF N. ISLAND, N.Z.
	01	23	30	02.1%	28.006	S	26.720	E	5	G		0.6	7	REPUBLIC OF SOUTH AFRICA. ML 2.4 (PRE).
	02	00	01	23.2&	34.388	N	116.461	W	4				28	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.8 (GS).
	02	00	42	13.1*	4.286	S	129.564	E	108	?	4.8	1.0	17	BANDA SEA
	02	00	47	33.6%	44.882	N	6.684	E	10	G		0.7	5	FRANCE. ML 1.9 (GEN).
a	02	01	09	58.3	10.199	S	161.167	E	88	D	5.1	0.9	100	SOLOMON ISLANDS. Mw 5.5 (HRV).
	02	01	26	04.7&	34.317	N	118.461	W	13				11	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS), 2.9 (GS). Small precursor about 7 seconds prior to this event.
	02	01	44	39.4	44.841	N	9.818	E	10	G		1.1	37	NORTHERN ITALY. ML 2.9 (LDG), 2.8 (GEN), 2.6 (VIE).
	02	02	52	07.1	33.676	S	68.421	W	10	G		0.8	16	MENDOZA PROVINCE, ARGENTINA. MD 4.3 (SAN). Felt (IV) at Rivadavia, San Martin and Tunuyan, and (II) at Mendoza.
	02	02	54	20.9	14.082	S	171.275	E	639		4.9	1.0	222	VANUATU ISLANDS REGION
	02	03	13	42.8&	33.939	N	117.061	W	15				26	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS), 2.5 (GS).
	02	05	03	52.1*	22.723	S	66.698	W	208	*	4.5	1.1	44	JUJUY PROVINCE, ARGENTINA
	02	05	28	04.4%	36.594	N	2.789	W	5	G		1.2	9	STRAIT OF GIBRALTAR. mbLg 3.1 (MDD).
	02	06	03	04.0	36.587	N	2.826	W	5	G		0.9	17	STRAIT OF GIBRALTAR. mbLg 3.4 (MDD). Felt (III) in the Adra area, Spain.
	02	07	30	17.2&	34.319	N	118.461	W	8				31	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS), 2.6 (GS).
	02	08	13	56.8%	38.607	S	175.670	E	188	*		0.5	25	NORTH ISLAND, NEW ZEALAND
	02	09	02	33.0?	23.93	S	66.53	W	202	?	4.2	1.1	20	JUJUY PROVINCE, ARGENTINA
	02	09	15	31.2&	37.576	N	118.873	W	5				29	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM).
	02	10	12	12.1	44.169	N	12.230	E	10	G	3.8	1.2	39	NORTHERN ITALY. ML 3.8 (VIE), 3.4 (LDG). MD 3.7 (TRI), 3.4 (FIR).
	02	11	04	25.2	42.763	N	111.110	W	5	G		0.7	38	EASTERN IDAHO. ML 4.0 (GS), 3.5 (BUT). Felt (V) at Afton and Freedom, Wyoming. Felt (III) at Idaho Falls, Idaho and Grover, Wyoming; (II) at Blackfoot and Montpelier, Idaho. Also felt at Fairview, Wyoming.
	02	11	24	37.8&	34.292	N	118.610	W	1				47	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.8 (PAS), 3.9 (GS).
	02	11	51	53.8&	34.373	N	118.517	W	2				14	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 3.2 (GS).
	02	12	09	25.0&	60.954	N	140.215	W	0		4.0		107	SOUTHEASTERN ALASKA. <AEIC>. ML 4.3 (AEIC), 4.5 (PMR), 4.2 (PGC).
	02	12	36	33.9&	60.955	N	140.258	W	0				33	SOUTHEASTERN ALASKA. <AEIC>. ML 3.1 (AEIC).
	02	13	08	57.0&	65.388	N	152.475	W	34				22	NORTHERN ALASKA. <AEIC>. ML 2.9 (AEIC), 3.5 (PMR).
	02	13	17	39.2%	37.233	S	177.301	E	33	N		1.0	5	OFF E. COAST OF N. ISLAND, N.Z. ML 3.8 (WEL).
	02	13	23	26.3	42.580	N	23.973	E	10	G		0.4	8	BULGARIA. ML 2.9 (THE).
	02	13	55	32.1%	26.935	S	26.721	E	5	G		0.3	5	REPUBLIC OF SOUTH AFRICA. ML 2.3 (PRE).
	02	14	45	39.1&	48.682	N	122.491	W	2				33	WASHINGTON. <SEA-P>. MD 2.6 (SEA).
	02	15	38	51.7*	46.430	N	12.817	E	10	G		1.3	6	NORTHERN ITALY. ML 1.7 (VIE).
	02	15	55	17.0&	34.391	N	118.581	W	5				10	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.8 (GS).
	02	16	20	11.6	36.363	N	71.349	E	75	*	4.6	1.1	47	AFGHANISTAN-TAJIKISTAN BORD REG.
	02	18	03	40.5	36.592	N	2.790	W	11			1.2	37	STRAIT OF GIBRALTAR. mbLg 3.7 (MDD). Felt (III) in the Adra area, Spain.
	02	18	24	44.4*	39.157	N	26.713	E	33	N		1.3	16	TURKEY. MD 3.6 (ATH). ML 3.2 (THE). Felt in the Izmir area.
	02	18	44	57.3%	36.478	N	2.807	W	5	G		0.8	8	STRAIT OF GIBRALTAR. mbLg 3.3 (MDD).
	02	18	58	25.8?	5.74	S	146.02	E	86	?	3.1	1.0	6	EASTERN NEW GUINEA REG., P.N.G.
	02	19	09	14.4*	36.624	N	2.798	W	10	G		1.4	12	STRAIT OF GIBRALTAR. mbLg 3.1 (MDD).
	02	19	52	34.4	34.247	N	118.470	W	10	G		0.8	8	SOUTHERN CALIFORNIA. ML 2.6 (GS).
	02	20	24	02.0	44.355	N	7.343	E	10	G		0.5	11	NORTHERN ITALY. ML 2.0 (GEN), 1.9 (LDG).
	02	21	45	56.1*	34.379	N	27.869	E	33	N		1.5	6	EASTERN MEDITERRANEAN SEA. MD 3.7 (ATH).
	02	21	55	50.2*	32.299	S	70.157	W	120	G		0.3	12	CHILE-ARGENTINA BORDER REGION. MD 4.1 (SAN).
	02	22	15	52.1?	14.17	S	172.42	E	626	?	4.2	1.3	25	VANUATU ISLANDS REGION
	02	22	26	41.8%	44.537	N	7.291	E	10	G		0.2	7	NORTHERN ITALY. ML 2.2 (GEN).
	02	22	41	35.5?	32.34	S	72.00	W	10	G		0.7	10	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	02	22	44	06.3&	63.408	N	151.338	W	7				53	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC), 3.2 (PMR).
	02	23	11	19.9	14.306	N	93.036	W	61	*	4.7	1.2	75	NEAR COAST OF CHIAPAS, MEXICO
	02	23	15	55.9	44.068	N	7.625	E	5	G		0.4	16	NORTHERN ITALY. ML 2.2 (LDG), 2.1 (GEN).
	02	23	17	17.4%	44.932	N	7.341	E	10	G		0.6	7	NORTHERN ITALY. ML 2.2 (GEN).
	03	00	32	53.1*	34.098	N	26.262	E	63	?	2.9	1.1	9	CRETE
	03	01	21	08.6*	14.706	N	92.893	W	65	*	4.3	1.2	12	NEAR COAST OF CHIAPAS, MEXICO
	03	01	49	52.9*	43.376	N	111.018	W	5	G		0.9	8	EASTERN IDAHO. ML 2.7 (GS).
	03	01	52	35.6*	43.391	N	111.019	W	5	G		1.0	7	EASTERN IDAHO. ML 2.6 (GS).
	03	02	24	47.4	34.141	N	118.632	W	10	G		1.0	27	SOUTHERN CALIFORNIA. ML 2.9 (GS).
	03	02	25	22.1	12.180	S	167.094	E	271	D	5.1	0.9	172	SANTA CRUZ ISLANDS
	03	03	23	19.5	43.869	N	7.466	E	5	G		0.4	16	NEAR SOUTH COAST OF FRANCE. ML 2.3 (LDG), 2.0 (GEN).
	03	03	26	25.1*	21.579	S	66.662	W	227	*	4.4	1.0	15	SOUTHERN BOLIVIA
	03	03	46	01.3	45.691	N	5.679	E	22			1.1	67	FRANCE. ML 3.8 (LDG), 3.6 (STR).
	03	04	44	55.5%	26.915	S	26.782	E	5	G		0.8	7	REPUBLIC OF SOUTH AFRICA. ML 2.8 (PRE).
	03	05	15	24.2	58.240	N	142.916	W	10	G		0.6	39	GULF OF ALASKA. ML 3.1 (AEIC).
	03	05	31	34.5*	39.404	N	25.864	E	10	G		0.6	14	AEGEAN SEA. ML 3.3 (THE).
	03	07	14	51.3	42.764	N	111.040	W	5	G	4.2	0.7	74	EASTERN IDAHO. ML 4.5 (GS), 4.7 (BUT). Felt in the Afton, Wyoming area.
	03	07	39	29.0*	30.892	S	69.069	W	128	*	4.4	0.9	15	CHILE-ARGENTINA BORDER REGION. MD 4.4 (SAN).
	03	08	21	21.7&	34.304	N	118.436	W	6				37	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 3.1 (GS).
	03	08	49	30.9?	18.92	N	66.22	W	10	G		0.7	5	PUERTO RICO REGION
f	03	09	05	04.2	42.762	N	110.976	W	8	G	5.4 5.5	0.9	279	WYOMING. Mw 5.6 (GS), 5.8 (HRV). ML 5.8 (GS). Mo=1.0*10**18 Nm (BRK). Some damage (VII) in the Afton-Auburn, Wyoming area and slight damage (VI) at Fairview, Wyoming. Felt (V) at Alpine, Bedford, Etna, Grover, Kemmerer and Smoot; (IV) at Big Piney, La Barge and Thayne, Wyoming. Also felt at Dubois, Evanston, Green River, Jackson and Rock Springs, Wyoming. Felt (V) at Bancroft, Bern, Dingle, Franklin, Geneva, Georgetown, Montpelier, Paris and Wayan; (IV) at

													Bloomington, Downey, Grace, Lava Hot Springs and Soda Springs; (III) at Idaho Falls and Pocatello, Idaho. Felt at Moab, Price; Sandy, Salt Lake City and Vernal, Utah. Also felt at Grand Junction and Hotchkiss, Colorado. Depth from broadband displacement seismograms.
	03	09	07	03.8	62.980	N	149.210	W	33	N		0.7	10	CENTRAL ALASKA. ML 2.9 (PMR).
	03	09	12	28.2&	42.800	N	111.000	W	5	G			5	EASTERN IDAHO. <SPEC>. ML 4.4 (GS). Multiple event. Held to mainshock location.
	03	09	14	32.2?	19.30	N	66.18	W	10	G		0.1	6	PUERTO RICO REGION
	03	09	32	45.8&	42.800	N	111.000	W	5	G			5	EASTERN IDAHO. <SPEC>. ML 3.7 (GS). Held to mainshock location.
	03	09	35	11.7&	42.800	N	111.000	W	5	G			3	EASTERN IDAHO. <SPEC>. ML 3.2 (GS). Held to mainshock location.
	03	09	43	35.0&	42.800	N	111.000	W	5	G			5	EASTERN IDAHO. <SPEC>. ML 3.2 (GS). Held to mainshock location.
	03	09	45	32.9	42.721	N	111.074	W	5	G		0.5	9	EASTERN IDAHO. ML 3.5 (GS).
	03	09	46	53.4&	42.800	N	111.000	W	5	G			3	EASTERN IDAHO. <SPEC>. ML 3.2 (GS). Held to mainshock location.
	03	09	47	36.8	42.735	N	111.038	W	5	G		0.8	10	EASTERN IDAHO. ML 4.0 (GS).
	03	09	55	27.0&	42.800	N	111.000	W	5	G			4	EASTERN IDAHO. <SPEC>. ML 3.5 (GS). Held to mainshock location.
	03	09	58	40.5	42.786	N	111.052	W	5	G		0.8	22	EASTERN IDAHO. ML 4.2 (GS).
	03	10	09	23.8&	42.800	N	111.000	W	5	G			6	EASTERN IDAHO. <SPEC>. ML 3.3 (GS). Held to mainshock location.
	03	10	10	26.8	41.095	N	22.477	E	10	G		0.4	12	NORTHWESTERN BALKAN REGION. ML 2.4 (SKO), 2.3 (THE). Felt (III) in the Gevgelija area.
	03	10	13	03.9	42.783	N	110.956	W	5	G		0.6	14	WYOMING. ML 3.7 (GS).
a	03	10	23	30.7	15.413	S	166.961	E	23	D	5.6 5.2	1.1	172	VANUATU ISLANDS. Mw 5.5 (HRV).
	03	10	25	52.0	42.781	N	111.116	W	5	G		0.7	18	EASTERN IDAHO. ML 4.0 (GS).
	03	10	31	28.7*	42.789	N	111.178	W	5	G		0.7	9	EASTERN IDAHO. ML 3.6 (GS).
	03	10	40	15.6	42.766	N	111.002	W	5	G		0.8	15	EASTERN IDAHO. ML 3.9 (GS).
	03	10	56	29.2%	44.369	N	7.469	E	10	G		0.3	6	NORTHERN ITALY. ML 1.8 (GEN).
	03	11	07	49.2?	42.90	N	110.88	W	5	G		0.9	6	WYOMING
	03	11	08	22.0	42.837	N	111.140	W	5	G	2.8	0.6	13	EASTERN IDAHO. ML 3.6 (GS).
	03	11	15	25.2*	42.859	N	111.152	W	5	G		1.3	7	EASTERN IDAHO. ML 3.4 (GS).
	03	11	19	07.5	42.776	N	111.021	W	5	G	4.4	0.9	64	EASTERN IDAHO. ML 4.7 (GS). Felt.
	03	11	30	14.6	42.802	N	111.079	W	5	G		1.1	8	EASTERN IDAHO. ML 2.7 (GS).
	03	11	46	51.4	42.752	N	111.134	W	5	G		1.2	19	EASTERN IDAHO. ML 4.0 (GS).
	03	11	49	21.8	42.775	N	111.031	W	5	G		1.2	10	EASTERN IDAHO. ML 3.9 (GS).
	03	12	02	37.3*	25.558	N	124.520	E	5	G	4.3	0.8	9	NORTHEAST OF TAIWAN
	03	12	04	57.2	42.729	N	111.140	W	5	G		0.9	33	EASTERN IDAHO. ML 4.4 (GS).
	03	12	08	34.3	35.529	N	3.690	W	10	G		0.7	15	STRAIT OF GIBRALTAR. mbLg 3.3 (MDD).
	03	12	32	38.1&	34.299	N	118.494	W	9				12	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS), 2.9 (GS).
	03	12	37	14.7?	42.74	N	111.13	W	5	G		0.5	7	EASTERN IDAHO. ML 2.7 (GS).
	03	12	40	51.0	42.776	N	111.123	W	5	G		0.9	10	EASTERN IDAHO. ML 3.3 (GS). Double event.
	03	13	06	16.4	42.840	N	110.931	W	5	G		1.1	8	WYOMING. ML 2.8 (GS).
	03	13	13	36.8	42.766	N	111.020	W	5	G		0.7	11	EASTERN IDAHO. ML 3.7 (GS).
	03	13	19	21.1*	5.676	S	142.593	E	33	N	4.8	1.4	7	NEW GUINEA, PAPUA NEW GUINEA
	03	13	29	55.8*	5.602	S	142.402	E	15	*	4.8	1.2	7	NEW GUINEA, PAPUA NEW GUINEA
	03	13	42	19.9	39.811	N	20.641	E	10	G		0.8	11	GREECE-ALBANIA BORDER REGION. ML 2.4 (THE).
	03	13	48	16.6	42.852	N	111.192	W	5	G		0.7	7	EASTERN IDAHO. ML 3.0 (GS).
	03	14	07	27.1	42.836	N	111.149	W	5	G		0.5	11	EASTERN IDAHO. ML 3.3 (GS).
	03	14	16	02.9?	57.80	N	143.03	W	10	G		0.2	8	GULF OF ALASKA. ML 2.5 (AEIC).
	03	14	18	24.6&	34.023	N	118.929	W	9				27	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS).
	03	14	20	05.2%	44.857	N	8.543	E	10	G		1.1	12	NORTHERN ITALY. ML 2.7 (GEN).
	03	14	42	25.3*	42.900	N	110.944	W	5	G		1.1	6	WYOMING. ML 2.7 (GS). Double event.
	03	14	58	44.6?	42.92	N	111.07	W	5	G		0.6	4	EASTERN IDAHO. ML 2.8 (GS).
	03	15	09	34.5	25.393	N	124.065	E	10	G	4.6 4.5	1.4	37	NORTHEAST OF TAIWAN
	03	15	16	56.1	42.877	N	111.101	W	5	G		0.8	10	EASTERN IDAHO. ML 3.2 (GS).
	03	15	29	56.8%	26.892	S	26.689	E	5	G		1.0	7	REPUBLIC OF SOUTH AFRICA. ML 3.0 (PRE).
	03	15	34	37.8	42.890	N	111.087	W	5	G		1.0	12	EASTERN IDAHO. ML 3.5 (GS).
a	03	15	43	43.8	41.886	S	84.490	E	10	G	5.4 5.4	0.9	80	SOUTHEAST INDIAN RIDGE. Mw 5.6 (HRV).
	03	16	07	25.8*	41.478	S	84.861	E	10	G	5.2 5.1	1.2	35	SOUTHEAST INDIAN RIDGE
	03	16	23	35.3&	34.299	N	118.439	W	9		3.9		58	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.2 (PAS), 4.2 (GS), 4.3 (BRK). Felt.
	03	16	30	28.2	42.894	N	110.970	W	5	G		0.4	8	WYOMING. ML 3.2 (GS).
	03	16	42	09.6	24.127	N	126.156	E	33	N	4.2	0.9	25	RYUKYU ISLANDS
	03	16	45	23.0	42.842	N	111.054	W	5	G		0.9	12	EASTERN IDAHO. ML 3.2 (GS).
	03	17	04	09.0*	42.117	S	84.372	E	10	G	5.1 4.6	0.9	30	SOUTHEAST INDIAN RIDGE
	03	17	19	50.9*	42.784	N	110.972	W	5	G		0.6	12	WYOMING. ML 3.5 (GS).
	03	17	33	05.4*	42.818	N	111.009	W	5	G		1.1	7	EASTERN IDAHO. ML 3.2 (GS).
	03	17	59	45.2?	9.45	S	123.06	E	33	N	3.4	1.5	6	TIMOR REGION, INDONESIA
	03	18	09	10.8	42.688	N	111.098	W	5	G		0.5	11	EASTERN IDAHO. ML 3.4 (GS). Double event.
	03	18	14	45.2&	42.800	N	111.000	W	5	G			5	EASTERN IDAHO. <SPEC>. ML 2.6 (GS). Double event. Held to mainshock location.
	03	18	33	52.0?	42.57	N	111.17	W	5	G		0.7	6	EASTERN IDAHO. ML 2.6 (GS).
	03	18	44	16.0	51.576	N	16.198	E	10	G	4.0	0.7	27	POLAND. ML 4.1 (GRF), 4.0 (FUR), 3.9 (VIE), 3.5 (BRA).
	03	18	47	13.9%	28.030	S	26.727	E	5	G		0.1	5	REPUBLIC OF SOUTH AFRICA. ML 2.7 (PRE).
	03	18	52	53.3	39.816	N	20.498	E	38		4.4	1.0	83	GREECE-ALBANIA BORDER REGION. ML 4.5 (TIR). MD 4.4 (ATH). Felt strongly at Ioannina, Greece.
	03	18	58	03.6	42.745	N	111.060	W	5	G		0.7	7	EASTERN IDAHO. ML 2.8 (GS).
	03	19	04	35.7	39.775	N	20.617	E	19			0.9	25	GREECE-ALBANIA BORDER REGION. ML 3.2 (TIR), 3.2 (THE). MD 3.6 (ATH).
	03	19	13	40.7	42.807	N	111.143	W	5	G		0.9	16	EASTERN IDAHO. ML 3.9 (GS).
	03	19	15	51.3	42.797	N	111.063	W	5	G		0.7	7	EASTERN IDAHO. ML 3.4 (GS). In coda of previous event.
	03	19	17	49.7*	51.338	N	15.803	E	10	G		0.7	8	POLAND. ML 3.3 (VIE).
	03	19	48	57.4*	42.657	N	111.016	W	5	G		1.0	5	EASTERN IDAHO. ML 2.8 (GS).
	03	19	53	28.5	39.733	N	20.643	E	10	G		0.9	14	GREECE-ALBANIA BORDER REGION
	03	20	29	24.9?	7.87	N	82.87	W	10	G		0.9	14	SOUTH OF PANAMA. MD 4.1 (GCG).
	03	20	31	52.1	42.849	N	111.138	W	5	G		0.5	8	EASTERN IDAHO. ML 2.5 (GS).
	03	21	32	28.1*	42.783	N	111.145	W	5	G		1.0	5	EASTERN IDAHO. ML 2.9 (GS).
	03	21	36	27.6?	28.70	N	34.69	E	10	G		1.2	4	EGYPT

	03	22	02	20.7*	5.553	S	125.510	E	33	N	4.7	1.5	21	BANDA SEA
	03	22	17	25.3	42.734	N	111.087	W	5	G		0.7	13	EASTERN IDAHO. ML 3.3 (GS).
	03	22	38	51.5%	40.456	S	173.562	E	194	*		0.6	32	COOK STRAIT, NEW ZEALAND
	03	22	57	37.9	42.723	N	111.044	W	5	G		1.0	15	EASTERN IDAHO. ML 3.5 (GS).
	03	23	11	10.8*	41.143	N	22.450	E	10	G		0.7	7	NORTHWESTERN BALKAN REGION. ML 2.7 (SKO).
	03	23	38	07.5&	33.247	N	116.328	W	6				26	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	03	23	55	26.7	42.713	N	111.138	W	5	G		0.5	7	EASTERN IDAHO. ML 3.0 (GS).
	04	00	10	09.1	36.439	N	116.944	W	10	G	3.9	1.0	44	CALIFORNIA-NEVADA BORDER REGION. ML 3.9 (GS), 4.1 (PAS). Felt (V) at Death Valley, California. Also felt at Amargosa Valley, Nevada.
	04	00	11	26.4?	48.01	N	7.51	E	10	G		0.3	4	FRANCE. ML 2.4 (LDG).
	04	00	50	38.1?	44.24	S	82.41	E	14	D	5.1 4.6	1.3	15	MID-INDIAN RIDGE
	04	01	08	34.4	39.755	N	20.716	E	5	G		1.3	10	GREECE-ALBANIA BORDER REGION. ML 3.1 (TIR). MD 3.3 (ATH).
	04	01	20	54.4	42.666	N	111.028	W	5	G		0.6	10	EASTERN IDAHO. ML 2.8 (GS).
	04	01	31	40.0	42.714	N	111.062	W	5	G		0.7	12	EASTERN IDAHO. ML 2.9 (GS).
	04	02	22	48.4&	60.188	N	152.663	W	95				49	SOUTHERN ALASKA. <AEIC>.
	04	02	42	12.0	42.709	N	111.026	W	5	G	4.7	1.0	113	EASTERN IDAHO. ML 5.2 (GS). Felt (IV) at Soda Springs and (III) at Grace and Montpelier, Idaho. Felt (III) at Freedom and Green River, Wyoming. Also at Blackfoot, Idaho Falls, Lava Hot Springs, Ovid and Pocatello, Idaho. Felt (II) at Salt Lake City, Utah.
	04	02	53	24.4	42.667	N	111.122	W	5	G		0.5	13	EASTERN IDAHO. ML 3.1 (GS).
	04	03	10	08.0	42.876	N	111.100	W	5	G		1.0	23	EASTERN IDAHO. ML 4.0 (GS).
	04	03	27	25.7	42.789	N	111.125	W	5	G		0.8	14	EASTERN IDAHO. ML 3.1 (GS).
	04	04	04	39.2*	47.787	N	14.081	E	5	G		1.5	7	AUSTRIA. ML 2.4 (VIE).
	04	04	46	50.3	42.816	N	111.093	W	5	G		0.7	10	EASTERN IDAHO. ML 2.6 (GS).
	04	04	49	46.0&	34.298	N	118.412	W	6				31	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.9 (GS).
	04	05	31	46.4	42.837	N	111.121	W	5	G		0.8	13	EASTERN IDAHO. ML 2.8 (GS).
	04	05	32	43.7	42.743	N	111.180	W	5	G		0.4	16	EASTERN IDAHO. ML 3.6 (GS).
	04	05	40	42.0&	58.591	N	152.657	W	76				43	KODIAK ISLAND REGION. <AEIC>.
	04	06	05	00.8	42.609	N	111.092	W	5	G		0.3	13	EASTERN IDAHO. ML 3.2 (GS).
	04	06	12	10.6	42.679	N	111.102	W	5	G		0.4	11	EASTERN IDAHO. ML 3.4 (GS).
	04	06	25	42.1&	63.286	N	151.202	W	14				56	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC).
	04	06	29	46.5*	45.451	N	0.283	W	10	G		1.1	10	FRANCE. ML 2.7 (LDG).
	04	06	31	59.0*	22.879	N	121.439	E	10	G	4.4	1.4	11	TAIWAN REGION
	04	06	33	39.5&	34.275	N	118.625	W	2				44	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.7 (GS). Felt.
	04	06	38	31.3?	11.46	N	87.61	W	33	N		0.7	7	NEAR COAST OF NICARAGUA
	04	07	00	46.9	42.710	N	111.089	W	5	G		0.6	13	EASTERN IDAHO. ML 2.7 (GS).
	04	07	05	59.0	42.665	N	111.047	W	5	G		0.9	17	EASTERN IDAHO. ML 3.6 (GS).
	04	07	16	22.4	42.696	N	111.130	W	5	G		0.5	10	EASTERN IDAHO. ML 2.7 (GS).
	04	07	34	12.6	42.738	N	111.143	W	5	G		1.1	7	EASTERN IDAHO. ML 2.6 (GS). Small precursor about 31 seconds prior to this event.
	04	08	30	18.7	42.728	N	111.028	W	5	G		0.7	17	EASTERN IDAHO. ML 3.4 (GS).
	04	08	45	53.7	42.972	N	0.372	W	10	G		1.2	9	PYRENEES. ML 2.5 (LDG).
	04	09	38	01.5*	13.175	N	143.458	E	131	*	4.4	0.3	8	SOUTH OF MARIANA ISLANDS
	04	09	51	37.8	42.730	N	111.113	W	5	G		0.7	10	EASTERN IDAHO. ML 2.6 (GS).
	04	10	35	24.2	42.726	N	111.083	W	5	G		0.4	7	EASTERN IDAHO. ML 2.4 (GS).
	04	11	01	06.4	86.002	N	29.662	E	10	G	4.7 4.6	1.0	48	NORTH OF SVALBARD
	04	11	27	07.1	1.134	N	127.506	E	33	N	4.8 4.3	1.0	21	HALMAHERA, INDONESIA
	04	11	53	22.4	42.762	N	111.098	W	5	G		0.8	10	EASTERN IDAHO. ML 2.6 (GS).
	04	11	57	36.4%	31.185	N	36.118	E	10	G		0.2	5	DEAD SEA REGION
	04	12	34	20.2*	35.887	S	178.921	E	254		4.5	1.1	45	OFF E. COAST OF N. ISLAND, N.Z.
	04	13	03	08.3*	43.009	N	1.493	W	10	G		0.3	7	PYRENEES. ML 1.6 (STR).
	04	13	09	08.2*	8.751	S	120.863	E	33	N	4.3	1.0	7	FLORES REGION, INDONESIA
	04	13	24	10.8	42.710	N	111.110	W	5	G		0.9	14	EASTERN IDAHO. ML 3.0 (GS).
	04	13	30	13.1?	34.69	S	177.12	E	33	N	4.1	1.0	10	NORTH OF NEW ZEALAND. ML 3.9 (WEL).
	04	13	52	35.0	36.542	N	26.901	E	163	*	3.9	0.5	11	DODECANESE ISLANDS. MD 4.2 (HLW), 4.0 (ATH).
	04	14	26	06.0&	34.267	N	118.403	W	4				41	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.4 (GS).
	04	14	57	02.4?	14.39	S	172.01	E	654	?	4.5	1.0	15	VANUATU ISLANDS REGION
	04	14	59	58.3*	24.044	N	123.710	E	33	N	4.1	1.1	13	SOUTHWESTERN RYUKYU ISLANDS
	04	15	03	32.9	42.813	N	111.123	W	5	G		0.9	14	EASTERN IDAHO. ML 3.5 (GS).
	04	15	54	39.7?	16.84	N	67.12	W	95	?	3.6	1.5	7	CARIBBEAN SEA
	04	16	25	40.0&	34.309	N	118.613	W	4				29	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.5 (PAS), 2.7 (GS).
	04	16	31	33.9*	7.145	N	127.104	E	45	?	4.4 4.2	0.7	11	PHILIPPINE ISLANDS REGION
	04	16	50	33.8	42.792	N	111.062	W	5	G		0.6	20	EASTERN IDAHO. ML 3.9 (GS). Felt at Afton, Wyoming. Also felt at Boise, Idaho.
	04	18	33	58.8	17.111	N	95.087	W	101	*	4.5	1.1	17	OAXACA, MEXICO
a	04	18	48	51.1	21.695	S	174.153	W	33	N	5.2 5.1	1.3	46	TONGA ISLANDS. Mw 5.6 (HRV). Ms 5.1 (BRK).
	04	18	49	33.7	42.753	N	111.070	W	5	G	2.9	0.6	14	EASTERN IDAHO. ML 3.6 (GS). Felt at Afton, Wyoming.
	04	18	57	39.4	42.677	N	111.022	W	5	G		0.9	14	EASTERN IDAHO. ML 3.2 (GS).
	04	19	01	22.7?	42.92	N	111.22	W	5	G		0.6	7	EASTERN IDAHO. ML 2.8 (GS).
	04	19	33	54.9	42.713	N	111.064	W	5	G		1.2	15	EASTERN IDAHO. ML 3.5 (GS).
	04	19	35	54.3*	42.677	N	111.111	W	5	G		0.9	6	EASTERN IDAHO. ML 2.7 (GS).
	04	19	44	02.7&	39.938	N	120.708	W	1				11	NORTHERN CALIFORNIA. <GM-P>. MD 2.9 (GM). ML 3.0 (BRK).
	04	20	04	52.2*	38.288	N	20.411	E	10	G		1.3	9	GREECE. ML 3.0 (THE). MD 3.3 (ATH).
	04	20	12	17.6?	35.48	S	71.30	W	110	G		0.5	9	CENTRAL CHILE. MD 3.9 (SAN).
	04	20	15	51.8&	34.309	N	118.442	W	7				36	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 3.1 (GS).
	04	20	29	37.4?	36.80	N	26.33	E	33	N		0.6	4	DODECANESE ISLANDS. MD 3.7 (ATH).
	04	21	06	11.1	21.806	S	68.359	W	122	D	5.0	0.9	40	CHILE-BOLIVIA BORDER REGION
	04	21	07	02.1?	43.66	N	128.29	W	10	G		0.6	23	OFF COAST OF OREGON
	04	21	29	45.2	47.631	N	7.254	E	10	G		1.3	23	SWITZERLAND. ML 3.0 (LDG), 2.7 (STR), 2.5 (KRW).
	04	21	35	25.0	42.827	N	111.088	W	5	G		0.7	14	EASTERN IDAHO. ML 3.6 (GS).
	04	21	49	10.1	42.704	N	111.096	W	5	G		0.6	13	EASTERN IDAHO. ML 4.0 (GS). Felt.
	04	21	57	10.4&	42.800	N	111.000	W	5	G			2	EASTERN IDAHO. <SPEC>. ML 2.7 (GS). Held to mainshock location.
	04	22	19	46.9	45.484	N	6.072	E	8			1.0	30	FRANCE. ML 3.0 (LDG).
	04	23	34	30.7*	37.077	S	176.968	E	260	*	4.3	1.0	44	NORTH ISLAND, NEW ZEALAND
	04	23	45	13.7	42.867	N	111.140	W	5	G		0.8	9	EASTERN IDAHO. ML 2.9 (GS).
	04	23	52	48.3	42.790	N	111.143	W	5	G		0.8	11	EASTERN IDAHO. ML 3.3 (GS).
	05	00	18	14.8*	13.156	S	166.817	E	198	*	4.5	1.1	39	VANUATU ISLANDS
	05	00	37	50.3?	16.02	S	74.89	W	61	?	4.0	0.7	9	NEAR COAST OF PERU

	05	00 40 17.0	42.617	N	111.070	W	5	G			0.4	12	EASTERN IDAHO. ML 3.3 (GS).
	05	00 52 11.9	45.057	N	7.359	E	21				0.9	76	NORTHERN ITALY. ML 3.7 (LDG), 3.7 (GEN), 3.6 (STR). MD 3.5 (TRI).
	05	01 18 28.5	44.664	N	6.764	E	10	G			0.7	11	FRANCE
	05	02 03 29.3*	1.200	N	127.868	E	38	?	4.7		1.0	16	HALMAHERA, INDONESIA
	05	02 43 07.3	42.612	N	111.061	W	5	G			1.0	13	EASTERN IDAHO. ML 2.9 (GS).
	05	03 34 31.7	42.623	N	111.043	W	5	G			0.7	12	EASTERN IDAHO. ML 2.8 (GS).
	05	04 15 58.1*	30.598	S	177.502	W	33	N	5.1	4.6	1.4	14	KERMADEC ISLANDS, NEW ZEALAND
	05	04 35 52.1%	26.377	S	27.492	E	5	G			0.8	7	REPUBLIC OF SOUTH AFRICA. ML 2.6 (PRE).
	05	04 43 12.0*	46.096	N	14.370	E	10	G			0.4	5	NORTHWESTERN BALKAN REGION. MD 2.2 (LJU).
	05	04 50 55.4*	2.079	N	128.477	E	132	?	4.6		0.9	13	HALMAHERA, INDONESIA
	05	04 58 42.9%	38.778	S	175.113	E	260	*			0.4	27	NORTH ISLAND, NEW ZEALAND
	05	04 58 50.0*	36.115	N	28.614	E	80	G			1.3	7	DODECANESE ISLANDS
	05	06 04 09.4	42.685	N	2.343	E	10	G			0.6	10	PYRENEES. ML 3.1 (LDG). mbLg 3.2 (MDD).
	05	07 00 51.4&	37.286	N	118.349	W	9					9	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM).
	05	07 06 02.2	42.604	N	110.971	W	5	G	3.7		0.9	24	WYOMING. ML 4.2 (GS). Felt in the Afton, Wyoming area.
	05	07 11 44.5	34.254	N	118.566	W	10	G			0.8	27	SOUTHERN CALIFORNIA. ML 2.7 (GS).
	05	07 12 03.4	62.167	N	153.284	W	33	N			0.4	7	CENTRAL ALASKA. ML 2.8 (PMR).
	05	07 27 49.3	42.655	N	111.083	W	5	G			0.8	9	EASTERN IDAHO. ML 2.6 (GS).
	05	08 17 18.3&	34.376	N	118.638	W	16					30	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS), 2.9 (GS).
	05	08 38 56.6?	29.19	S	68.94	W	119	?	4.7		0.9	15	SAN JUAN PROVINCE, ARGENTINA. MD 4.4 (SAN).
	05	08 51 06.6&	34.373	N	118.630	W	13					44	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.7 (PAS).
	05	08 51 29.8&	34.369	N	118.650	W	15					19	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	05	08 51 39.2&	34.412	N	118.682	W	12					22	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.7 (PAS), 3.9 (GS).
	05	08 58 34.8&	34.375	N	118.635	W	15					25	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.9 (GS).
	05	09 02 47.3	42.853	N	111.122	W	5	G			0.6	10	EASTERN IDAHO. ML 2.8 (GS).
	05	09 04 07.6	42.767	N	111.117	W	5	G			0.7	15	EASTERN IDAHO. ML 3.9 (GS).
	05	09 09 43.2	42.763	N	111.049	W	5	G	3.7		0.9	25	EASTERN IDAHO. ML 4.2 (GS). Felt at Freedom, Wyoming.
	05	09 48 13.5	42.787	N	111.130	W	5	G			0.5	11	EASTERN IDAHO. ML 2.7 (GS).
	05	09 53 43.9&	34.372	N	118.634	W	15					32	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS), 2.7 (GS).
	05	10 24 08.3*	18.937	S	169.150	E	243		4.5		0.9	26	VANUATU ISLANDS
	05	10 38 48.4	42.687	N	111.058	W	5	G			0.9	23	EASTERN IDAHO. ML 4.1 (GS). Felt in the Afton, Wyoming area.
	05	10 42 00.2*	42.739	N	111.139	W	5	G			0.9	6	EASTERN IDAHO. ML 2.7 (GS).
	05	11 06 15.9%	38.344	S	177.929	E	140	*			1.2	52	NORTH ISLAND, NEW ZEALAND
	05	11 19 46.5&	34.309	N	118.527	W	5					31	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.8 (GS).
	05	12 12 13.4?	14.81	N	93.19	W	49	?	4.2		1.5	8	NEAR COAST OF CHIAPAS, MEXICO
	05	13 03 36.0&	33.424	N	116.377	W	10					27	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 3.0 (GS).
	05	14 02 26.1	21.015	N	122.635	E	33	N	4.1		1.3	26	TAIWAN REGION. ML 3.9 (BJI).
	05	14 21 27.3?	14.28	N	91.60	W	90	G			0.5	16	GUATEMALA
	05	14 50 04.0&	60.232	N	140.823	W	0					10	SOUTHEASTERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	05	14 55 37.7&	37.370	N	89.180	W	16					55	CAPE GIRARDEAU, MISSOURI REGION. <SLM-P>. MD 4.2 (SLM). mbLg 4.2 (GS). Felt (V) at Scott City and Ste. Genevieve, Missouri. Also felt (V) at Dongola and Johnson City, Illinois. Felt (IV) at Anna, Boles, Brookport, Buncombe, Carbondale, Cobden, De Soto, Goreville, Jonesboro, Makanda, Metropolis, Tamms and Royalton, Illinois. Also felt (IV) at Benton, Cape Girardeau, Fredericktown, Jackson and Perryville, Missouri. Felt in southern Illinois, southeastern Missouri and western Kentucky.
	05	16 21 25.2	42.740	N	111.017	W	5	G			0.9	13	EASTERN IDAHO. ML 3.3 (GS).
	05	16 22 15.7?	42.81	N	111.15	W	5	G			0.5	4	EASTERN IDAHO. ML 3.3 (GS). In coda of previous event.
	05	16 27 06.6?	36.39	N	2.79	W	5	G			0.9	8	STRAIT OF GIBRALTAR. mbLg 3.0 (MDD).
	05	16 45 43.2	27.649	S	65.628	E	10	G	5.2		0.8	74	SOUTH INDIAN OCEAN
	05	18 31 42.2	43.329	N	126.974	W	10	G	3.7		0.7	66	OFF COAST OF OREGON
	05	19 32 25.4	42.712	N	111.146	W	5	G			0.8	7	EASTERN IDAHO. ML 2.5 (GS).
	05	19 49 45.9	36.918	N	4.999	W	10	G			1.3	17	STRAIT OF GIBRALTAR. mbLg 2.8 (MDD).
	05	20 14 15.5?	34.85	S	70.91	W	100	G			0.1	11	CHILE-ARGENTINA BORDER REGION. MD 3.8 (SAN).
	05	20 15 20.7&	42.800	N	111.000	W	5	G				1	EASTERN IDAHO. <SPEC>. ML 3.0 (GS). Held to mainshock location.
	05	20 37 00.9	46.198	N	12.508	E	10	G			1.0	17	NORTHERN ITALY. ML 2.9 (FUR), 2.8 (VIE), 2.6 (LJU). MD 2.7 (TRI).
	05	21 18 40.5&	34.116	N	118.500	W	16					32	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 3.0 (GS).
	05	22 09 16.6&	63.256	N	151.081	W	11					70	CENTRAL ALASKA. <AEIC>. ML 3.1 (AEIC), 3.3 (PMR).
	05	22 28 57.6	42.713	N	111.085	W	5	G			0.8	14	EASTERN IDAHO. ML 3.6 (GS).
	05	22 42 30.0	42.636	N	111.136	W	5	G			0.8	10	EASTERN IDAHO. ML 2.6 (GS).
	05	22 45 46.6*	39.831	N	20.531	E	5	G			1.1	6	GREECE-ALBANIA BORDER REGION
	05	23 05 02.9?	24.03	S	179.79	W	587	?	4.8		1.3	17	SOUTH OF FIJI ISLANDS
f	05	23 34 09.9	0.593	N	30.037	E	14	G	5.8	6.0	1.1	413	UGANDA. Mw 6.2 (GS), 6.2 (HRV). Mo=1.1*10**18 Nm (PPT). At least two people killed, several injured and most buildings damaged in the Fort Portal area. Two people killed and one injured by a landslide at Kasese. Felt at Kampala and in eastern Zaire. Depth from broadband displacement seismograms.
	05	23 42 36.9	42.712	N	111.131	W	5	G			0.3	6	EASTERN IDAHO. ML 2.6 (GS).
	05	23 48 32.8	42.723	N	111.034	W	5	G			1.1	7	EASTERN IDAHO. ML 2.7 (GS).
	05	23 49 13.7	51.808	N	170.145	W	33	N	5.1	5.7	1.1	122	FOX ISLANDS, ALEUTIAN ISLANDS. ML 5.0 (PMR).
	06	00 03 14.8?	3.83	N	27.16	E	10	G	4.7		1.0	17	ZAIRE
	06	00 14 14.5*	5.524	N	25.222	E	10	G	4.9		1.2	35	CENTRAL AFRICAN REPUBLIC
	06	00 25 27.9	42.698	N	110.908	W	5	G			0.7	8	WYOMING. ML 2.5 (GS).
	06	00 44 31.8	44.018	N	7.693	E	10	G			0.8	18	NORTHERN ITALY. ML 2.3 (GEN), 2.0 (LDG).
	06	01 15 06.2	38.671	N	27.442	E	10	G			0.5	19	TURKEY. ML 3.6 (THE). MD 4.0 (ATH).
	06	01 32 40.3%	44.554	N	7.305	E	10	G			0.4	11	NORTHERN ITALY. ML 2.6 (GEN).
	06	01 48 12.6*	19.286	N	108.080	W	10	G	4.1		1.3	21	REVILLA GIGEDO ISLANDS REGION
	06	02 01 20.5	42.869	N	111.121	W	5	G			0.8	12	EASTERN IDAHO. ML 2.6 (GS).
	06	02 08 15.3	16.326	N	120.358	E	33	N	4.1		1.4	12	LUZON, PHILIPPINE ISLANDS. Felt (II RF) in the Baguio area.
	06	02 10 48.0?	45.76	S	166.51	E	121	?			0.8	17	OFF W. COAST OF S. ISLAND, N.Z.
	06	02 51 34.0	42.830	N	111.088	W	5	G			0.7	10	EASTERN IDAHO. ML 2.7 (GS).
	06	03 15 53.6&	34.567	N	116.414	W	0					37	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.3 (GS).
	06	03 28 10.0	52.063	N	170.059	W	33	N	4.7	4.7	1.3	72	FOX ISLANDS, ALEUTIAN ISLANDS. ML 4.9 (PMR).
	06	04 09 17.0?	38.99	N	23.47	E	5	G			0.2	5	GREECE. ML 2.3 (THE).

	06	05	12	10.4*	21.710	S	179.393	W	646	?	4.4	1.0	42	FIJI ISLANDS REGION
	06	05	12	22.6&	61.463	N	149.941	W	32				41	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	06	05	15	55.1&	62.665	N	149.549	W	72				64	CENTRAL ALASKA. <AEIC>.
	06	05	27	24.7	39.534	N	3.259	W	5	G		0.6	9	SPAIN. mbLg 3.5 (MDD).
a	06	05	55	08.2	51.914	N	170.212	W	33	N	5.1 4.9	1.0	152	FOX ISLANDS, ALEUTIAN ISLANDS. Mw 5.3 (HRV). ML 5.1 (PMR).
	06	05	56	37.3?	43.43	N	17.26	E	10	G		0.5	9	NORTHWESTERN BALKAN REGION. ML 2.9 (VIE). MD 3.2 (TRI). Felt in the Sinj area, Croatia.
	06	06	00	09.4	43.638	N	16.484	E	10	G		1.4	45	NORTHWESTERN BALKAN REGION. ML 3.9 (ZAG), 3.8 (VIE), 3.7 (LJU). MD 4.1 (TRI). Felt in the Sinj-Split-Trogir area, Croatia.
	06	07	16	04.4?	7.10	S	147.26	E	87	?	4.6	1.2	10	EASTERN NEW GUINEA REG., P.N.G.
	06	07	38	25.7%	38.026	S	175.968	E	258	*		0.5	38	NORTH ISLAND, NEW ZEALAND
	06	07	47	19.0?	32.36	S	70.40	W	90	G		0.5	10	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
	06	08	17	31.4	42.752	N	111.122	W	5	G		1.0	11	EASTERN IDAHO. ML 2.5 (GS).
	06	08	59	47.0	13.589	S	167.189	E	204	D	5.1	1.0	148	VANUATU ISLANDS
	06	10	00	21.1&	34.374	N	118.662	W	11				38	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.2 (GS). Felt.
	06	10	15	50.5%	35.638	N	3.617	W	10	G		1.5	9	STRAIT OF GIBRALTAR. mbLg 3.0 (MDD).
	06	10	20	18.0	16.797	S	68.994	W	174	D	4.9	0.9	158	PERU-BOLIVIA BORDER REGION
	06	10	26	50.9*	46.090	N	7.316	E	10	G		0.9	14	SWITZERLAND. ML 2.5 (LDG).
	06	10	54	01.7&	61.914	N	150.450	W	50				57	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC), 3.0 (PMR).
	06	12	28	15.2?	47.26	N	10.58	E	10	G		0.3	6	AUSTRIA. ML 1.7 (VIE).
	06	13	19	17.3&	34.240	N	118.439	W	15				10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS).
	06	13	19	26.9&	34.291	N	118.476	W	12				55	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.1 (PAS), 4.1 (GS), 4.0 (BRK). Felt.
	06	13	21	45.7&	34.290	N	118.477	W	8				39	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.7 (PAS), 3.6 (GS). Felt.
	06	13	30	00.7	42.774	N	111.068	W	5	G		0.9	14	EASTERN IDAHO. ML 3.1 (GS).
	06	13	31	34.7%	17.734	N	100.872	W	33	N		0.9	6	GUERRERO, MEXICO
	06	13	40	45.7%	38.503	N	1.219	W	10	G		1.0	5	SPAIN. mbLg 2.7 (MDD).
	06	13	43	43.5%	47.263	N	6.748	E	5	G		1.2	9	FRANCE. ML 2.2 (LDG).
	06	14	19	54.6&	34.291	N	118.475	W	6				30	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS), 2.7 (GS).
	06	14	25	42.0	0.638	S	131.491	E	33	N	4.8	1.0	41	IRIAN JAYA REGION, INDONESIA
	06	15	03	42.7	42.711	N	111.111	W	5	G		1.2	8	EASTERN IDAHO. ML 2.5 (GS).
	06	15	04	40.1	42.811	N	111.061	W	5	G		0.9	13	EASTERN IDAHO. ML 3.0 (GS).
	06	16	12	03.3	42.846	N	111.076	W	5	G		0.6	13	EASTERN IDAHO. ML 3.1 (GS).
	06	16	46	51.1	42.743	N	111.069	W	5	G		0.9	14	EASTERN IDAHO. ML 3.6 (GS).
	06	17	00	37.3&	37.554	N	118.782	W	2				15	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.8 (GM).
	06	17	26	13.4?	36.90	N	3.78	W	10	G		1.4	4	STRAIT OF GIBRALTAR. mbLg 2.6 (MDD).
	06	19	33	15.6	42.807	N	111.088	W	5	G		0.8	14	EASTERN IDAHO. ML 3.4 (GS).
	06	19	52	19.6	42.771	N	111.092	W	5	G		0.8	12	EASTERN IDAHO. ML 2.8 (GS).
	06	20	39	40.9&	37.285	N	118.350	W	9				14	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM).
	06	21	17	35.9	8.750	S	127.381	E	29	D	4.7 4.3	1.4	36	TIMOR REGION, INDONESIA
	06	21	22	36.8	38.719	N	21.100	E	10	G		0.7	11	GREECE. ML 3.0 (THE).
	06	21	43	12.2	42.668	N	111.023	W	5	G		0.7	13	EASTERN IDAHO. ML 3.3 (GS).
	06	22	29	25.4	44.136	N	8.037	E	10	G		0.6	9	NORTHERN ITALY. ML 2.2 (GEN), 2.2 (LDG).
	06	23	10	37.5*	42.734	N	111.036	W	5	G		1.1	6	EASTERN IDAHO. ML 2.6 (GS).
	06	23	40	56.4	45.491	N	7.742	E	14			0.9	39	NORTHERN ITALY. ML 3.1 (GEN), 2.9 (LDG).
	06	23	59	49.1	42.812	N	111.127	W	5	G		0.9	11	EASTERN IDAHO. ML 2.7 (GS).
	07	00	24	59.3	42.684	N	111.171	W	5	G		0.6	12	EASTERN IDAHO. ML 2.9 (GS).
	07	00	51	09.2*	2.908	S	129.610	E	10	G	4.8 3.5	1.3	20	SERAM, INDONESIA
	07	01	23	38.1*	12.338	N	141.608	E	62	*	4.7 4.5	1.0	30	SOUTH OF MARIANA ISLANDS
	07	01	32	14.6*	0.611	N	30.136	E	10	G	4.3	0.6	15	UGANDA
	07	02	10	09.0	42.771	N	111.104	W	5	G		0.7	11	EASTERN IDAHO. ML 2.7 (GS).
	07	02	22	41.9%	45.984	N	2.731	E	10	G		0.5	7	FRANCE. ML 1.6 (LDG).
	07	03	23	44.2	42.802	N	111.089	W	5	G		0.7	10	EASTERN IDAHO. ML 2.8 (GS).
	07	04	51	28.4	19.157	S	168.631	E	44	*	4.0	1.1	28	VANUATU ISLANDS
	07	05	58	31.2?	6.84	S	147.08	E	66	?	3.7	0.8	5	EASTERN NEW GUINEA REG., P.N.G.
	07	06	13	21.3?	36.81	N	2.93	W	5	G		1.5	4	STRAIT OF GIBRALTAR. mbLg 2.6 (MDD).
	07	06	35	47.2	42.658	N	111.018	W	5	G	4.5	0.8	62	EASTERN IDAHO. ML 4.8 (GS). Felt (V) at Afton; (IV) at Etna, Fairview and Smoot; (III) at Auburn, Freedom, Green River, Grover and Thayne, Wyoming. Felt (V) at Geneva and Lava Hot Springs; (IV) at Bern, Georgetown and Wayan; (III) at Montpelier and Paris, Idaho. Also felt (III) at Laketown and Manila, Utah.
	07	08	39	16.6	42.669	N	111.112	W	5	G		0.7	12	EASTERN IDAHO. ML 3.3 (GS).
	07	09	06	45.3%	44.534	N	7.056	E	10	G		0.4	6	NORTHERN ITALY. ML 2.0 (GEN).
	07	09	13	23.5%	39.407	S	174.375	E	239			0.5	41	NORTH ISLAND, NEW ZEALAND
	07	10	37	12.4	42.711	N	111.004	W	5	G		1.0	17	EASTERN IDAHO. ML 3.5 (GS).
	07	11	19	11.4	51.838	N	173.485	W	33	N	4.7 4.5	1.1	46	ANDREANOF ISLANDS, ALEUTIAN IS.
	07	11	21	36.2*	43.578	N	16.853	E	10	G		0.8	11	NORTHWESTERN BALKAN REGION. ML 2.7 (LJU). MD 3.3 (TRI). Felt in the Sinj area, Croatia.
	07	12	15	45.8	42.669	N	111.033	W	5	G	3.9	1.1	32	EASTERN IDAHO. ML 4.5 (GS). Felt at Afton, Wyoming.
	07	12	34	52.9%	37.428	S	176.477	E	270	?		0.5	26	NORTH ISLAND, NEW ZEALAND
	07	12	50	15.8	5.804	N	75.845	W	56	D	4.6	1.0	33	COLOMBIA. Felt (IV) at Medellin.
	07	14	42	00.9*	23.987	S	176.338	W	115	?	4.8	1.5	40	SOUTH OF FIJI ISLANDS
	07	16	03	14.8	19.613	N	145.542	E	148	D	5.0	1.1	144	MARIANA ISLANDS
	07	16	43	15.6	42.667	N	111.138	W	5	G		0.8	14	EASTERN IDAHO. ML 3.5 (GS). Felt at Afton, Wyoming.
	07	16	43	53.3?	32.47	S	70.60	W	100	G		0.4	10	CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
	07	16	47	12.5*	39.949	N	20.515	E	10	G		0.7	5	GREECE-ALBANIA BORDER REGION. ML 2.7 (TIR).
	07	17	05	21.7&	61.747	N	149.689	W	33				59	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC), 3.0 (PMR).
	07	17	52	06.6%	37.619	S	176.351	E	245	?		0.4	20	NORTH ISLAND, NEW ZEALAND
	07	20	00	46.6*	13.571	N	91.311	W	33	N		0.6	13	NEAR COAST OF GUATEMALA. MD 3.9 (GCG).
	07	22	18	36.8	42.614	N	111.100	W	5	G		0.4	8	EASTERN IDAHO. ML 3.1 (GS).
	07	22	47	08.3	42.713	N	111.100	W	5	G		0.6	12	EASTERN IDAHO. ML 3.0 (GS).
	07	22	52	30.1&	34.328	N	118.622	W	15				30	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.8 (GS).
	07	23	54	25.4	42.788	N	111.092	W	5	G		0.6	8	EASTERN IDAHO. ML 2.8 (GS).
	08	00	18	09.2	1.680	N	127.118	E	97	*	4.9	0.7	26	HALMAHERA, INDONESIA
	08	00	30	49.4?	14.37	N	92.15	W	5	G		0.6	8	NEAR COAST OF CHIAPAS, MEXICO. MD 3.7 (GCG).
	08	00	31	08.3&	61.446	N	140.156	W	25				17	SOUTHERN YUKON TERRITORY, CANADA. <AEIC>. ML 2.8 (AEIC).
	08	01	40	56.1*	37.829	S	73.568	W	33	N	5.0 4.8	1.4	21	NEAR COAST OF CENTRAL CHILE

	08	01	56	15.3*	45.708	N	15.763	E	10	G		1.1	9	NORTHWESTERN BALKAN REGION. ML 2.2 (VIE), 1.9 (ZAG). MD 2.6 (LJU), 2.2 (TRI). Felt at Sveta Nedjelja and Molvice.
	08	02	03	58.3	42.721	N	111.060	W	5	G		0.9	18	EASTERN IDAHO. ML 3.6 (GS). Felt at Afton, Wyoming.
	08	02	07	08.5&	34.230	N	118.599	W	22				24	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS), 2.7 (GS).
	08	03	13	37.9&	60.894	N	147.480	W	14				50	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
	08	03	20	07.4*	4.753	S	103.198	E	97	?	4.8	1.1	21	SOUTHERN SUMATERA, INDONESIA
a	08	03	27	54.9	66.512	N	19.220	W	10	G	5.3 5.3	1.0	251	ICELAND REGION. Mw 5.5 (HRV).
	08	03	34	52.9?	34.99	S	71.04	W	90	G		0.3	8	NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).
	08	04	08	28.5	19.934	S	133.894	E	10	G		1.0	8	NORTHERN TERRITORY, AUSTRALIA
	08	04	56	38.8*	20.786	S	177.805	W	470	*	5.1	1.0	39	FIJI ISLANDS REGION
	08	05	06	47.5*	19.242	N	67.475	W	33	N	3.7	0.6	9	MONA PASSAGE
	08	05	16	10.5*	51.377	N	173.578	W	33	D	4.5	1.4	31	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.8 (PMR).
	08	05	18	28.0	43.499	N	130.703	E	566		4.4	0.9	78	E. RUSSIA-N.E. CHINA BORDER REG.
	08	05	36	45.3	10.533	N	93.760	E	27	D	4.8 4.4	1.0	55	ANDAMAN ISLANDS, INDIA
	08	05	50	54.3&	32.139	N	117.821	W	6	G			4	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 2.9 (PAS).
	08	06	25	17.8	42.672	N	111.141	W	5	G		0.6	14	EASTERN IDAHO. ML 3.2 (GS).
	08	06	30	06.8&	34.294	N	118.513	W	12				29	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS), 2.6 (GS).
	08	06	35	22.9	50.499	N	12.148	E	10	G		0.8	7	GERMANY. ML 2.4 (GRF), 2.3 (FUR).
	08	07	18	26.4?	36.35	N	2.81	W	10	G		1.5	6	STRAIT OF GIBRALTAR. mbLg 3.1 (MDD).
	08	07	22	42.4&	45.565	N	6.825	E	10	G		0.1	8	FRANCE. ML 2.3 (GEN).
	08	09	01	50.6&	39.718	N	29.486	E	5	G		0.4	5	TURKEY. ML 2.5 (ISK).
	08	09	36	56.1&	36.881	N	5.125	W	10	G		1.0	11	STRAIT OF GIBRALTAR. mbLg 2.6 (MDD).
	08	09	44	46.2	33.740	N	137.315	E	351		4.7	1.1	106	NEAR S. COAST OF HONSHU, JAPAN
	08	10	04	08.8&	39.323	N	29.201	E	10	G		0.6	6	TURKEY. ML 3.0 (ISK).
	08	10	11	52.6	42.680	N	111.030	W	5	G		0.8	20	EASTERN IDAHO. ML 3.9 (GS). Felt at Afton, Wyoming.
	08	10	16	25.1?	0.65	N	30.27	E	33	N	4.4	0.5	7	UGANDA
	08	10	17	27.8*	39.513	N	19.454	E	10	G		1.1	12	GREECE-ALBANIA BORDER REGION. ML 3.5 (TIR). MD 3.7 (ATH).
	08	11	16	05.7&	34.340	N	118.538	W	6				34	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 3.1 (GS).
	08	11	17	34.3&	44.985	N	6.580	E	10	G		0.3	11	FRANCE. ML 2.6 (GEN).
	08	11	59	36.9&	58.757	N	155.003	W	120				57	ALASKA PENINSULA. <AEIC>.
	08	13	55	12.6?	34.56	S	72.09	W	33			1.0	14	NEAR COAST OF CENTRAL CHILE. MD 4.3 (SAN).
	08	14	23	55.5&	34.356	N	118.718	W	12				28	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS), 2.8 (GS).
	08	14	53	57.2&	63.298	N	151.077	W	6				51	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC), 2.9 (PMR).
	08	15	05	21.3	40.086	N	21.603	E	10	G		0.8	11	GREECE. ML 2.6 (THE).
	08	15	31	01.3	20.015	S	133.530	E	10	G	4.7	1.2	28	NORTHERN TERRITORY, AUSTRALIA. Felt at Tennant Creek.
	08	16	23	44.6&	46.308	N	1.846	E	10	G		0.4	9	FRANCE. ML 1.9 (LDG).
	08	16	26	20.8*	38.062	N	22.120	E	33	N		1.2	10	GREECE. ML 3.1 (THE).
	08	16	42	59.0*	46.011	N	14.445	E	10	G		1.6	5	NORTHWESTERN BALKAN REGION. ML 1.3 (LJU). MD 1.4 (TRI).
	08	16	49	27.2*	44.637	N	129.586	W	10	G	3.5	0.6	56	OFF COAST OF OREGON
	08	17	07	48.1?	16.20	S	173.72	W	33	N	4.1	1.4	10	TONGA ISLANDS
	08	18	35	14.7&	33.980	S	71.384	W	50	G		0.4	9	NEAR COAST OF CENTRAL CHILE
	08	18	37	37.1	42.770	N	111.121	W	5	G		0.7	9	EASTERN IDAHO. ML 2.8 (GS).
	08	19	30	45.8	56.156	N	157.917	W	74		4.1	1.1	47	ALASKA PENINSULA. Felt (II) at Chignik.
	08	19	43	55.4?	14.87	S	174.89	W	228	?	4.0	0.9	21	SAMOA ISLANDS REGION
	08	21	02	28.7&	41.156	S	172.437	E	18			1.2	21	SOUTH ISLAND, NEW ZEALAND. ML 3.7 (WEL).
	08	21	25	29.2	11.163	S	166.363	E	152	D	5.2	0.9	155	SANTA CRUZ ISLANDS
a	08	21	56	16.4	4.241	S	140.644	E	75	D	5.1	1.0	136	IRIAN JAYA, INDONESIA. Mw 5.6 (HRV).
	08	21	57	00.7&	39.376	N	27.826	E	10	G		0.6	5	TURKEY. ML 2.7 (ISK).
	08	22	06	34.2	42.633	N	110.991	W	5	G		0.6	6	WYOMING. ML 2.7 (GS). Small precursor about 30 seconds prior to this event.
	08	23	34	46.2&	40.328	S	173.999	E	173			0.8	57	COOK STRAIT, NEW ZEALAND. Felt along the southwestern coast of North Island and in northern South Island.
	08	23	38	23.6&	33.709	S	70.770	W	84	?		0.2	10	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	09	00	01	58.7	16.678	N	95.633	W	57	D	5.0	1.0	93	OAXACA, MEXICO
	09	00	38	24.1?	33.46	S	69.19	W	20			0.6	10	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
	09	01	01	20.3	40.716	N	20.306	E	10	G		1.3	7	GREECE-ALBANIA BORDER REGION. ML 2.4 (TIR).
	09	03	22	25.8&	26.379	S	27.467	E	5	G		0.8	7	REPUBLIC OF SOUTH AFRICA. ML 3.0 (PRE). mbLg 3.5 (BUL).
	09	03	32	58.4*	41.935	N	20.506	E	10	G		1.4	5	ALBANIA. ML 2.1 (TIR).
	09	04	01	11.9&	59.659	N	152.911	W	93				80	SOUTHERN ALASKA. <AEIC>.
	09	05	13	01.8&	44.534	N	7.262	E	10	G		0.0	5	NORTHERN ITALY. ML 1.8 (GEN).
	09	05	21	47.9	8.956	S	123.625	E	105	*	4.4	0.9	27	FLORES REGION, INDONESIA
	09	06	09	21.6*	40.416	N	20.968	E	10	G		1.0	6	GREECE-ALBANIA BORDER REGION
	09	07	17	14.4	14.100	N	145.396	E	121		4.6	1.1	32	MARIANA ISLANDS. Felt (IV) at Andersen AFB, Barrigada and Agana; (III) at Harmon, Guam.
	09	07	23	48.7	42.680	N	111.103	W	5	G		0.5	11	EASTERN IDAHO. ML 2.9 (GS).
	09	07	45	37.1?	39.50	N	29.60	E	10	G		1.0	4	TURKEY. ML 2.6 (ISK).
	09	07	55	50.1&	59.771	N	159.614	W	0				40	SOUTHERN ALASKA. <AEIC>. ML 4.0 (AEIC).
	09	08	33	22.8	45.055	N	7.400	E	10	G		1.2	15	NORTHERN ITALY. ML 2.8 (GEN), 2.5 (LDG).
	09	08	45	35.5&	45.000	N	95.000	W	5	G			12	MINNESOTA. <MACRO>. mbLg 3.1 (GS). Felt at Willmar, Spicer and Sunburg.
	09	09	16	07.9?	39.69	N	29.57	E	10	G		1.7	5	TURKEY. ML 2.5 (ISK).
	09	09	42	33.7*	53.417	N	161.393	E	33	N	4.6	1.3	25	OFF EAST COAST OF KAMCHATKA
	09	10	23	12.4	24.037	N	122.444	E	31	D	4.7 4.7	1.3	55	TAIWAN REGION. ML 4.5 (BJI).
	09	10	25	22.5&	37.829	N	2.478	W	5	G		0.6	8	SPAIN. mbLg 2.7 (MDD).
	09	11	20	01.7?	39.61	N	29.56	E	5	G		1.2	4	TURKEY. ML 2.4 (ISK).
	09	11	21	01.5	49.162	N	6.889	E	8			0.6	20	GERMANY. ML 3.3 (VIE), 3.0 (STR).
	09	12	10	51.5&	33.578	S	70.344	W	102	?		0.3	10	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	09	12	20	22.2*	39.763	N	20.631	E	10	G		0.6	6	GREECE-ALBANIA BORDER REGION. ML 2.6 (THE).
	09	12	37	23.2&	44.510	N	7.208	E	10	G		0.1	6	NORTHERN ITALY. ML 2.0 (GEN).
	09	13	14	33.7&	59.876	N	152.807	W	87				81	SOUTHERN ALASKA. <AEIC>.
	09	14	49	49.6?	39.71	N	29.47	E	10	G		0.7	4	TURKEY. ML 2.6 (ISK).
	09	15	04	03.5*	28.412	N	35.233	E	10	G		1.3	5	WESTERN ARABIAN PENINSULA. MD 3.7 (HLW).
	09	15	04	39.0&	63.251	N	150.347	W	9				38	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC), 3.0 (PMR).
	09	15	45	11.4	26.411	S	27.396	E	5	G		1.4	9	REPUBLIC OF SOUTH AFRICA. mbLg 3.7 (BUL).
	09	15	47	47.9&	33.468	N	116.451	W	6				34	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.6 (PAS), 3.5 (GS). Felt at Borrego Springs and Palm Desert.
	09	15	52	33.2	35.244	N	140.693	E	10	G	4.5 4.0	1.1	28	NEAR EAST COAST OF HONSHU, JAPAN
	09	16	41	27.6*	5.035	S	139.376	E	33	N	4.4	0.6	7	IRIAN JAYA, INDONESIA
	09	17	07	48.5?	12.71	N	88.99	W	33	N		1.5	8	OFF COAST OF CENTRAL AMERICA
	09	17	43	06.3?	48.39	S	129.69	E	10	G	4.7	1.3	8	SOUTH OF AUSTRALIA

	09	18 27 56.3	41.061	N	22.473	E	5	G			0.4	7	NORTHWESTERN BALKAN REGION. ML 1.7 (THE), 1.3 (SKO).
	09	18 31 29.1%	36.542	N	4.403	W	90	?			0.4	12	STRAIT OF GIBRALTAR. mbLg 2.8 (MDD).
	09	18 54 08.2?	31.73	N	131.91	E	29	?			0.5	5	KYUSHU, JAPAN
	09	19 03 42.7*	37.476	S	177.742	E	185		3.4		1.1	35	OFF E. COAST OF N. ISLAND, N.Z.
a	09	19 27 08.8	21.126	S	174.091	W	26	D	5.7	5.2	1.2	126	TONGA ISLANDS. Mw 5.5 (HRV). Ms 5.2 (BRK). Mo=3.6*10**17 Nm (PPT).
	09	19 27 32.3	44.115	N	8.802	E	10	G			0.9	23	NORTHERN ITALY. ML 2.7 (GEN).
	09	19 27 52.5	12.984	N	89.529	W	24				0.7	25	OFF COAST OF CENTRAL AMERICA
	09	20 41 25.8?	34.44	S	70.41	W	120	G			0.6	9	CHILE-ARGENTINA BORDER REGION. MD 3.8 (SAN).
	09	21 38 39.5	13.474	N	90.866	W	26				0.5	21	NEAR COAST OF GUATEMALA
	09	21 49 10.1	42.641	N	11.991	E	10				1.0	16	CENTRAL ITALY. MD 3.5 (FIR), 3.4 (TRI). ML 3.3 (VIE).
	09	21 52 45.6&	34.370	N	118.606	W	14					31	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS), 2.8 (GS).
	09	22 02 07.9*	8.012	S	120.157	E	211	?	4.8		0.8	9	FLORES REGION, INDONESIA
	09	22 10 51.6	42.729	N	111.115	W	5	G			0.4	6	EASTERN IDAHO. ML 2.7 (GS).
	09	22 20 56.2	42.618	N	11.995	E	10	G	3.6		1.1	24	CENTRAL ITALY. MD 3.6 (TRI), 3.5 (FIR). ML 3.4 (VIE), 3.2 (LDG).
	09	22 38 21.5?	7.83	S	128.66	E	179	?	4.6		1.4	6	BANDA SEA
	09	22 46 51.6	36.293	N	142.003	E	31	D	4.4		1.0	30	OFF EAST COAST OF HONSHU, JAPAN
	09	23 31 32.4&	59.646	N	159.057	W	10	G				22	SOUTHERN ALASKA. <AEIC>. ML 3.5 (AEIC).
	10	00 23 02.5	44.123	N	128.939	W	10	G	4.4		1.1	34	OFF COAST OF OREGON
	10	00 56 12.3	42.784	N	111.050	W	5	G			0.9	28	EASTERN IDAHO. ML 4.3 (GS), 4.4 (BUT). Felt (V) at Afton and Grover; (IV) at Auburn and Fairview; (III) at Bedford, Freedom, Smoot and Thayne, Wyoming. Felt (IV) at Montpelier and Wayan; (III) at Georgetown and Lava Hot Springs, Idaho.
	10	01 07 31.7	42.820	N	111.114	W	5	G			0.7	11	EASTERN IDAHO. ML 2.8 (GS).
	10	02 06 46.2	43.787	N	8.446	E	10	G			0.5	19	CORSICA. ML 2.5 (GEN), 2.2 (LDG), 2.0 (STR).
	10	02 08 59.6*	31.669	S	68.336	W	10	G			1.1	15	SAN JUAN PROVINCE, ARGENTINA
	10	02 21 23.3	16.981	N	85.602	W	10	G	4.6		1.2	37	CARIBBEAN SEA
	10	02 24 35.8	39.121	N	71.580	E	24	D	4.7	4.1	0.9	45	TAJIKISTAN
	10	03 04 36.0	42.843	N	111.124	W	5	G			0.7	12	EASTERN IDAHO. ML 3.2 (GS). Small precursor about 33 seconds prior to this event.
	10	03 35 48.0	42.738	N	111.128	W	5	G			0.7	14	EASTERN IDAHO. ML 3.0 (GS).
	10	03 54 41.7%	26.415	S	27.371	E	5	G			1.4	5	REPUBLIC OF SOUTH AFRICA. ML 2.6 (PRE).
	10	04 08 38.8	39.449	N	27.864	E	5	G			1.1	12	TURKEY. ML 3.3 (ISK).
	10	04 10 53.8*	16.169	N	59.685	W	11		3.9		1.1	22	LEEWARD ISLANDS. MD 4.4 (TRN).
	10	05 08 33.9?	32.61	S	70.01	W	130	G			0.4	10	CHILE-ARGENTINA BORDER REGION. MD 3.9 (SAN).
	10	05 11 11.6	53.212	N	4.077	W	10	G			1.0	30	UNITED KINGDOM. ML 3.3 (LDG), 2.9 (BGS). Felt (IV) at Bangor and throughout Anglesey and Gwynedd, northern Wales.
	10	05 36 24.6	42.586	N	111.089	W	5	G			0.8	12	EASTERN IDAHO. ML 3.0 (GS).
	10	06 15 18.2	36.969	N	35.828	E	17	D	4.9	4.3	1.2	99	TURKEY. ML 4.8 (BHL), 4.6 (CSS). Felt at Adana and Iskenderun.
	10	07 43 07.0&	34.367	N	118.503	W	4					40	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.6 (GS).
	10	07 56 19.6%	34.178	S	70.781	W	80	G			0.2	9	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	10	08 05 47.6%	44.427	N	7.459	E	10	G			0.1	7	NORTHERN ITALY. ML 2.0 (GEN).
	10	09 41 15.9*	44.341	N	112.087	E	10	G	4.7		1.4	12	NORTHEASTERN CHINA. ML 4.8 (BJI).
	10	09 47 05.7%	26.869	S	26.784	E	5	G			1.1	5	REPUBLIC OF SOUTH AFRICA. ML 2.2 (PRE).
	10	09 58 00.8	38.265	N	22.127	E	10	G			1.2	7	GREECE. MD 3.5 (ATH).
	10	10 01 40.8?	40.63	N	29.98	E	10	G			0.3	4	TURKEY. ML 2.5 (ISK).
	10	10 48 37.7*	37.327	N	138.852	E	21	*	3.9		1.3	11	NEAR WEST COAST OF HONSHU, JAPAN
	10	11 16 11.4	34.300	N	118.547	W	10	G			0.7	20	SOUTHERN CALIFORNIA. ML 3.7 (GS).
	10	11 18 10.9&	38.835	N	122.805	W	0					7	NORTHERN CALIFORNIA. <GM-P>. MD 3.0 (GM).
	10	11 18 45.7?	39.63	N	29.55	E	5	G			0.8	4	TURKEY. ML 2.6 (ISK).
	10	12 05 25.8%	34.223	S	70.617	W	100	G			0.2	10	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	10	13 01 34.4%	44.124	N	8.768	E	10	G			0.5	11	NORTHERN ITALY. ML 2.6 (GEN).
	10	14 49 24.9	42.749	N	111.100	W	5	G			1.0	19	EASTERN IDAHO. ML 3.7 (GS), 3.6 (BUT).
	10	14 52 14.6	2.035	S	139.415	E	22	D	5.0	4.5	1.1	40	NEAR NORTH COAST OF IRIAN JAYA
	10	15 02 17.7&	38.796	N	122.794	W	2					14	NORTHERN CALIFORNIA. <GM-P>. MD 3.2 (GM). ML 3.1 (GS).
	10	15 43 01.5%	26.408	S	27.362	E	5	G			1.3	5	REPUBLIC OF SOUTH AFRICA. ML 2.5 (PRE).
	10	15 47 01.5?	36.27	S	178.00	E	188	*	3.2		0.7	7	OFF E. COAST OF N. ISLAND, N.Z.
	10	15 56 03.5	42.598	N	111.071	W	5	G			0.6	11	EASTERN IDAHO. ML 3.0 (GS). Double event.
	10	16 16 54.0	42.610	N	111.045	W	5	G			0.7	11	EASTERN IDAHO. ML 2.9 (GS).
	10	16 23 23.1?	29.37	S	71.89	W	33	N			0.9	7	NEAR COAST OF CENTRAL CHILE
	10	16 53 02.3%	40.405	N	28.984	E	5	G			0.6	9	TURKEY. ML 3.0 (ISK).
	10	17 17 22.2	42.724	N	111.092	W	5	G			0.8	7	EASTERN IDAHO. ML 2.6 (GS).
	10	18 48 38.3%	40.909	N	23.041	E	10	G			0.8	5	GREECE. ML 1.3 (THE).
	10	19 17 26.3%	39.979	N	28.806	E	10	G			0.9	7	TURKEY. ML 2.8 (ISK).
	10	21 35 42.7&	59.856	N	159.327	W	10	G				45	SOUTHERN ALASKA. <AEIC>. ML 4.4 (AEIC), 3.7 (PMR).
	10	21 41 52.2	42.748	N	111.142	W	5	G			0.6	7	EASTERN IDAHO. ML 2.8 (GS).
	10	21 43 50.9	38.667	N	27.452	E	10	G			1.0	17	TURKEY. ML 3.7 (ISK). MD 3.5 (ATH).
	10	23 43 44.1?	38.78	N	26.47	E	10	G			0.5	6	AEGEAN SEA. ML 3.8 (ISK). Felt at Izmir and Manisa, Turkey.
	10	23 44 18.6*	16.491	N	99.120	W	33	N			1.0	8	NEAR COAST OF GUERRERO, MEXICO
	10	23 51 30.3?	28.57	S	74.27	E	10	G	4.8		0.7	7	MID-INDIAN RIDGE
a	11	00 48 42.9	18.426	S	70.885	W	36	D	5.2	5.1	1.0	94	NEAR COAST OF NORTHERN CHILE. Mw 5.4 (HRV).
	11	00 53 37.1&	34.370	N	118.509	W	2					41	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 3.1 (GS).
	11	01 02 15.9*	42.789	N	111.132	W	5	G			1.1	7	EASTERN IDAHO. ML 2.7 (GS).
	11	01 03 22.8	41.059	N	22.442	E	10	G			0.1	6	NORTHWESTERN BALKAN REGION. ML 1.6 (THE), 1.1 (SKO).
	11	01 03 51.6%	26.889	S	26.694	E	5	G			0.3	6	REPUBLIC OF SOUTH AFRICA. ML 2.9 (PRE).
	11	02 20 03.8	42.711	N	111.083	W	5	G			0.7	15	EASTERN IDAHO. ML 3.6 (GS).
	11	03 18 55.6&	61.607	N	150.854	W	64					59	SOUTHERN ALASKA. <AEIC>. ML 2.9 (AEIC), 2.8 (PMR).
	11	03 49 02.6	36.480	N	21.480	E	23	D	4.3	3.8	1.5	85	SOUTHERN GREECE. MD 4.4 (ATH). ML 4.3 (THE). Felt along the southwest coast of Peloponnisos.
	11	04 14 30.6?	10.93	N	62.11	W	80	G			0.1	4	NEAR COAST OF VENEZUELA. MD 3.1 (TRN).
	11	04 24 30.4	42.761	N	111.102	W	5	G	3.6		0.9	23	EASTERN IDAHO. ML 4.0 (GS), 4.0 (BUT).
	11	04 51 05.4?	38.43	N	27.60	E	10	G			0.7	4	TURKEY. ML 3.1 (ISK).
	11	05 36 21.9*	42.844	N	111.054	W	5	G			1.2	7	EASTERN IDAHO. ML 2.6 (GS).
	11	05 41 07.3?	10.20	N	69.75	W	10	G			0.6	4	VENEZUELA
	11	06 12 05.5&	32.433	N	115.401	W	6	G				25	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.4 (PAS), 2.9 (GS). MD 3.3 (ECX).
	11	06 41 13.8&	34.312	N	118.447	W	5					42	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 3.0 (GS).
	11	06 44 16.8?	13.80	N	91.23	W	100	G			1.0	17	NEAR COAST OF GUATEMALA

	11	07	25	28.1%	19.773	S	133.714	E	33	N	3.8		1.5	9	NORTHERN TERRITORY, AUSTRALIA
	11	07	46	54.8*	5.754	S	145.554	E	110	*	4.8		1.2	9	EASTERN NEW GUINEA REG., P.N.G.
	11	07	56	55.0	4.831	N	95.184	E	98	*	5.0		0.9	27	NORTHERN SUMATERA, INDONESIA
	11	08	16	10.4?	15.88	N	98.84	W	33	N			0.4	7	OFF COAST OF GUERRERO, MEXICO
	11	08	51	10.2?	28.88	N	34.75	E	5	G			0.4	4	EGYPT
	11	09	07	37.8	42.621	S	173.752	E	10	G			0.8	36	SOUTH ISLAND, NEW ZEALAND. ML 4.5 (WEL).
	11	09	17	42.0%	40.388	N	23.249	E	5	G			0.3	7	GREECE. ML 1.9 (THE).
	11	09	24	48.7&	59.181	N	152.084	W	61					40	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	11	09	28	01.8	44.402	N	6.864	E	10	G			0.5	25	FRANCE. ML 2.7 (GEN), 2.4 (LDG), 2.0 (STR).
	11	09	28	26.3	40.488	N	21.858	E	5	G			0.4	9	GREECE. ML 2.1 (THE).
	11	09	34	36.4&	63.243	N	151.115	W	13					64	CENTRAL ALASKA. <AEIC>. ML 2.9 (AEIC), 3.3 (PMR).
	11	09	57	38.8%	33.464	S	71.147	W	59	?			0.3	11	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
	11	10	02	46.4%	39.722	N	29.421	E	10	G			0.8	5	TURKEY. ML 2.7 (ISK).
	11	10	06	35.5	44.354	N	7.316	E	10	G			0.4	14	NORTHERN ITALY. ML 2.2 (GEN), 1.9 (LDG).
	11	10	13	37.6%	39.700	N	29.492	E	5	G			0.8	5	TURKEY. ML 2.7 (ISK).
	11	10	29	31.6%	26.338	S	27.553	E	5	G			1.2	6	REPUBLIC OF SOUTH AFRICA. ML 2.3 (PRE).
	11	11	25	06.3&	63.261	N	151.144	W	13					56	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC), 2.9 (PMR).
	11	11	35	22.5	44.364	N	6.920	E	5	G			0.4	23	FRANCE. ML 2.7 (GEN), 2.4 (LDG).
	11	11	35	42.1?	44.34	N	6.84	E	5	G			0.0	4	FRANCE. ML 2.0 (GEN).
	11	11	45	55.7%	44.331	N	6.830	E	5	G			0.4	8	FRANCE. ML 2.3 (GEN).
	11	11	59	52.5?	40.43	N	21.87	E	10	G			0.5	4	GREECE. ML 1.9 (THE).
	11	12	04	21.0%	49.402	N	7.500	E	5	G			0.3	5	GERMANY. ML 1.8 (KRW).
	11	12	32	39.5	41.641	N	22.296	E	10	G			0.6	8	NORTHWESTERN BALKAN REGION. ML 2.4 (SKO), 2.4 (THE).
	11	12	34	31.2	42.745	N	111.052	W	5	G			0.7	14	EASTERN IDAHO. ML 3.0 (GS).
	11	13	23	48.1%	38.786	S	175.799	E	150	G			0.8	24	NORTH ISLAND, NEW ZEALAND
	11	13	27	39.4	42.559	N	24.064	E	10	G			0.8	9	BULGARIA. ML 3.0 (THE).
	11	14	07	53.0&	34.334	N	118.485	W	5					52	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.7 (PAS), 3.8 (GS).
	11	14	46	39.1	12.956	N	146.463	E	40	D	4.9	4.3	1.0	69	SOUTH OF MARIANA ISLANDS
	11	14	54	56.8	42.803	N	110.999	W	5	G			0.7	11	WYOMING. ML 2.9 (GS).
	11	14	59	50.5	42.764	N	110.995	W	5	G	4.8		1.0	154	WYOMING. ML 5.3 (GS), 5.1 (BUT). Minor damage (VI) in the Afton-Auburn-Grover, Wyoming area. Felt (V) at Bedford and Smoot; (IV) at Etna, Fairview and Freedom; (III) at Thayne; (II) at Kemmerer, Wyoming. Also felt at Green River and Rock Springs, Wyoming. Felt (V) at Montpelier; (IV) at Bloomington, Dingle, Geneva, Georgetown, Irwin and Paris; (III) at Downey and Lava Hot Springs, Idaho. Felt (III) at Clearfield and Ogden, Utah. Also felt at Salt Lake City, Utah.
	11	15	07	28.3&	61.702	N	149.936	W	37					94	SOUTHERN ALASKA. <AEIC>. ML 3.9 (AEIC), 4.1 (PMR). Felt (II) at Anchorage and Palmer.
	11	15	52	49.1&	34.400	N	118.774	W	11					47	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 3.1 (GS).
	11	16	02	08.5&	59.713	N	158.684	W	0					18	SOUTHERN ALASKA. <AEIC>. ML 3.3 (AEIC).
	11	16	10	33.5	42.836	N	111.067	W	5	G			0.5	14	EASTERN IDAHO. ML 3.3 (GS).
	11	16	15	30.0?	10.21	N	126.68	E	33	N	4.6		1.3	20	PHILIPPINE ISLANDS REGION
	11	16	36	08.6*	68.151	N	160.665	W	10	G	2.8		1.0	8	NORTHERN ALASKA
	11	16	40	12.1%	41.301	N	23.580	E	10	G			0.4	7	GREECE-BULGARIA BORDER REGION. ML 2.4 (THE).
	11	17	40	07.8	42.478	N	43.726	E	16	D	4.5		1.1	38	NORTHWESTERN CAUCASUS. Felt (IV) at Tsey and (III) at Nalchik and Pyatigorsk, Russia.
	11	17	49	47.8	36.033	N	140.866	E	89		4.6		1.4	36	NEAR EAST COAST OF HONSHU, JAPAN
	11	18	42	05.4?	28.54	N	34.80	E	10	G			0.1	4	EGYPT
	11	18	47	03.2?	10.50	N	67.01	W	10	G			0.2	4	NEAR COAST OF VENEZUELA
	11	19	09	25.5?	37.85	S	176.21	E	273	?			0.3	15	NORTH ISLAND, NEW ZEALAND
	11	19	33	33.1%	44.017	N	7.500	E	10	G			0.3	5	NORTHERN ITALY. ML 2.3 (GEN).
	11	20	19	46.8?	38.59	N	20.93	E	10	G			1.3	11	GREECE. ML 2.7 (THE).
f	11	21	17	31.1	18.773	S	169.169	E	206	G	6.4		1.2	576	VANUATU ISLANDS. Mw 6.9 (GS), 6.8 (HRV). mb 6.8 (BRK). Mo=3.4*10**19 Nm (PPT). Depth from broadband displacement seismograms.
	11	21	24	47.2	39.897	N	23.993	E	10	G			0.9	11	AEGEAN SEA. ML 2.6 (THE).
	11	21	54	05.8%	44.342	N	7.195	E	5	G			0.1	5	NORTHERN ITALY. ML 1.8 (GEN).
	11	22	18	56.7*	42.517	N	2.233	E	10	G			1.0	12	PYRENEES. mbLg 3.1 (MDD). ML 2.8 (LDG).
	11	23	02	24.2?	10.87	N	86.82	W	33	N			1.2	13	OFF COAST OF COSTA RICA
	11	23	25	27.6&	32.434	N	115.405	W	6	G				27	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.4 (PAS), 3.3 (GS). Felt at El Centro.
	11	23	40	55.2%	43.094	N	0.702	W	5	G			0.2	7	PYRENEES. ML 1.0 (STR).
	12	00	19	41.0?	34.97	S	70.97	W	100	G			0.5	9	CHILE-ARGENTINA BORDER REGION
	12	00	22	12.4	48.483	N	154.122	E	24	D	5.5		0.9	214	KURIL ISLANDS
	12	00	50	22.4?	28.61	N	34.59	E	10	G			1.6	9	EGYPT
	12	00	51	12.5?	33.75	S	71.89	W	33	N			1.2	10	NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).
	12	00	53	20.9%	40.599	N	28.786	E	5	G			0.8	7	TURKEY. ML 2.8 (ISK).
	12	01	16	33.8	44.377	N	6.918	E	8				0.4	28	FRANCE. ML 2.7 (GEN), 2.7 (LDG), 2.2 (STR).
	12	01	21	16.1	44.358	N	6.962	E	10	G			0.6	24	FRANCE. ML 2.4 (GEN), 2.2 (LDG).
	12	02	40	24.5&	36.800	N	82.000	W	5	G				4	TENNESSEE. <PAS-P>. ML 3.4 (PAS), 2.9 (GS).
	12	03	15	11.2?	44.43	N	7.30	E	10	G			0.0	4	NORTHERN ITALY. ML 1.7 (GEN).
	12	03	36	30.7	37.303	N	3.143	W	10	G			1.0	19	SPAIN. mbLg 3.5 (MDD).
	12	04	06	43.0%	37.252	N	3.108	W	10	G			1.1	8	SPAIN. mbLg 2.5 (MDD).
f	12	04	16	26.8	10.786	S	128.798	W	15	G	6.3	6.6	1.3	373	SOUTH PACIFIC OCEAN. Mw 6.0 (GS), 6.7 (HRV). Ms 6.6 (BRK). Mo=1.3*10**19 Nm (PPT). Depth from broadband displacement seismograms.
	12	04	29	40.5%	37.300	N	3.198	W	10	G			0.6	7	SPAIN. mbLg 2.6 (MDD).
	12	04	33	17.5%	37.244	N	3.184	W	10	G			1.0	5	SPAIN. mbLg 2.5 (MDD).
	12	04	38	44.9	44.364	N	7.303	E	11				0.5	21	NORTHERN ITALY. ML 2.4 (GEN), 2.0 (LDG).
	12	05	10	12.3%	44.368	N	6.900	E	10	G			0.3	6	FRANCE. ML 1.9 (GEN).
	12	05	24	05.2%	39.909	N	27.808	E	10	G			0.7	9	TURKEY. ML 3.2 (ISK).
	12	06	24	08.3%	44.534	N	7.270	E	10	G			0.2	5	NORTHERN ITALY. ML 1.8 (GEN).
	12	06	38	43.6&	32.645	N	117.403	W	6	G				5	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 2.8 (PAS).
	12	06	49	55.7	2.485	N	112.765	E	29	D	5.3	4.8	1.0	104	BORNEO. Felt in the Kapit area, Malaysia.
	12	06	51	20.4?	43.54	N	2.60	W	10	G			1.1	5	SPAIN. mbLg 2.7 (MDD). ML 2.7 (LDG).
	12	07	04	42.0	49.233	N	129.097	W	10	G	5.3	5.4	1.3	218	VANCOUVER ISLAND REGION
	12	07	09	32.2	49.267	N	129.096	W	10	G	4.7		1.3	33	VANCOUVER ISLAND REGION. ML 4.5 (PGC).
	12	07	11	41.6%	44.299	N	7.211	E	5	G			0.1	5	NORTHERN ITALY. ML 1.7 (GEN).
	12	07	22	11.0?	38.65	N	27.32	E	10	G			0.8	4	TURKEY
	12	08	01	20.2*	10.411	S	161.497	E	59	*	4.8		0.9	23	SOLOMON ISLANDS

	12	09	22	33.5%	44.307	N	7.231	E	5	G		0.1	5	NORTHERN ITALY. ML 1.9 (GEN).
	12	10	43	07.4&	36.815	N	120.886	W	6				17	CENTRAL CALIFORNIA. <GM-P>. MD 3.0 (GM). ML 3.0 (BRK).
	12	11	11	54.3%	26.837	S	26.787	E	5	G		0.5	7	REPUBLIC OF SOUTH AFRICA
	12	11	24	46.2%	45.252	N	0.896	E	10	G		1.0	8	FRANCE. ML 2.1 (LDG).
	12	11	56	06.8?	34.10	S	176.52	E	33	N		1.3	15	NORTH OF NEW ZEALAND
	12	12	31	39.3	13.335	N	89.214	W	100	G		1.2	16	EL SALVADOR. MD 4.3 (GCG).
	12	12	32	26.7%	26.195	S	28.170	E	5	G		0.7	7	REPUBLIC OF SOUTH AFRICA. ML 2.4 (PRE).
	12	14	11	27.1&	61.480	N	151.228	W	69				78	SOUTHERN ALASKA. <AEIC>. ML 3.2 (AEIC), 3.4 (PMR).
	12	14	29	17.0?	7.75	S	128.38	E	155	?		1.1	7	BANDA SEA
	12	14	33	30.9	49.242	N	128.880	W	10	G	3.8	0.9	28	VANCOUVER ISLAND REGION. ML 3.6 (PGC).
	12	15	10	09.3?	43.50	N	7.84	E	10	G		0.2	7	NEAR SOUTH COAST OF FRANCE. ML 2.1 (GEN).
	12	15	10	30.4&	34.315	N	118.542	W	3				37	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 3.0 (GS).
	12	16	20	43.4	39.998	N	143.186	E	33	N	4.0	0.6	11	OFF EAST COAST OF HONSHU, JAPAN
a	12	17	06	58.1	32.056	N	130.577	E	31	D	4.8 5.3	1.1	87	KYUSHU, JAPAN. Mw 5.4 (HRV). One person slightly injured at Okuchi. Felt (IV JMA) at Akune and Hitoyoshi; (III JMA) at Kagoshima and Makurazaki. Also felt (IV JMA) at Ushibuka, Shimo-jima.
f	12	17	58	23.9	20.553	S	169.361	E	28	G	6.4 7.1	1.0	536	VANUATU ISLANDS. Mw 7.0 (GS), 7.0 (HRV). Ms 7.2 (BRK). Mo=4.4*10**19 Nm (PPT). Felt at Port-Vila. Two events about 6.5 seconds apart. Depth from broadband displacement seismograms, based on first event.
	12	18	38	10.9	39.768	N	20.671	E	5	G		0.6	22	GREECE-ALBANIA BORDER REGION. MD 3.6 (ATH). ML 3.5 (TIR), 3.3 (THE).
	12	18	45	31.9%	13.533	N	90.275	W	70	G		0.6	8	NEAR COAST OF GUATEMALA. MD 3.5 (GCG).
	12	18	48	55.8?	20.72	S	169.62	E	33	N	3.9	1.4	10	VANUATU ISLANDS
	12	19	53	44.0?	28.33	N	34.57	E	10	G		0.5	6	EGYPT
	12	20	17	42.2?	38.81	N	31.42	E	10	G		0.1	5	TURKEY. ML 3.3 (ISK).
	12	20	19	38.0	42.636	N	111.163	W	5	G		0.4	11	EASTERN IDAHO. ML 2.7 (GS).
	12	21	00	06.0%	38.629	N	27.341	E	10	G		0.7	6	TURKEY. ML 3.2 (ISK).
	12	22	12	10.3&	34.290	N	118.515	W	10				33	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS), 2.9 (GS).
	12	22	53	23.0*	12.977	N	89.437	W	31			0.8	20	OFF COAST OF CENTRAL AMERICA. MD 4.1 (GCG).
	12	23	11	45.7?	34.13	S	72.07	W	18	*		0.5	10	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
	12	23	36	06.5?	10.03	S	121.83	E	33	N	4.0	1.4	5	SAVU SEA
	12	23	47	39.3	49.278	N	128.929	W	10	G	3.8	0.9	29	VANCOUVER ISLAND REGION. ML 3.6 (PGC).
	13	00	43	18.7&	34.202	N	118.561	W	20				23	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS).
	13	01	06	04.5%	45.985	N	2.867	E	10	G		0.4	11	FRANCE. ML 1.9 (LDG).
	13	01	13	02.4	6.892	S	126.788	E	377		4.7	1.2	48	BANDA SEA
	13	02	58	36.9%	46.536	N	0.089	W	5	G		0.8	6	FRANCE. ML 2.2 (LDG).
	13	03	31	02.3*	37.134	N	28.234	E	10	G	4.1	1.2	23	TURKEY. ML 3.8 (ISK).
	13	04	38	54.9	44.028	N	4.696	E	13			0.8	23	FRANCE. ML 3.0 (LDG).
	13	05	26	59.6?	17.80	S	171.66	W	33	N	4.6	1.7	7	TONGA ISLANDS REGION
	13	07	08	45.7%	45.183	N	7.483	E	10	G		0.7	9	NORTHERN ITALY. ML 2.1 (GEN).
	13	07	12	11.9*	44.978	N	149.922	E	33	N	4.0	1.4	12	KURIL ISLANDS
	13	07	18	31.0%	39.249	N	29.322	E	5	G		0.5	5	TURKEY. ML 3.0 (ISK).
	13	09	28	11.4%	26.889	S	26.737	E	5	G		1.3	5	REPUBLIC OF SOUTH AFRICA. ML 2.4 (PRE).
	13	09	28	24.9	42.645	N	111.098	W	5	G		0.7	11	EASTERN IDAHO. ML 2.7 (GS).
	13	09	46	18.8	42.539	N	111.321	W	5	G		0.6	12	EASTERN IDAHO. ML 2.6 (GS).
	13	10	09	38.7*	20.825	S	169.422	E	25	D	4.6 4.9	1.2	40	VANUATU ISLANDS
	13	10	15	55.8	42.830	N	19.001	E	10	G	4.7	1.3	141	NORTHWESTERN BALKAN REGION. ML 5.0 (ZAG), 4.3 (TIR). MD 4.8 (TRI), 4.4 (FIR).
	13	10	25	38.5	42.780	N	111.120	W	5	G		0.7	12	EASTERN IDAHO. ML 2.7 (GS).
	13	10	28	10.2	43.144	N	0.729	W	10	G		1.4	52	PYRENEES. ML 4.0 (LDG). mbLg 3.3 (MDD).
	13	10	41	34.1?	18.12	S	166.14	E	33	N	3.7	0.9	4	VANUATU ISLANDS REGION
	13	11	18	15.4?	38.72	N	27.30	E	10	G		0.8	4	TURKEY. ML 3.1 (ISK).
	13	11	34	24.1	41.306	N	22.424	E	10	G		0.7	13	NORTHWESTERN BALKAN REGION. ML 2.6 (SKO), 2.4 (THE).
	13	11	43	59.2?	28.90	N	34.76	E	10	G		1.2	4	EGYPT
	13	11	48	53.1?	20.59	S	168.88	E	33	N	4.2	0.4	5	LOYALTY ISLANDS
	13	11	56	19.2&	34.281	N	118.452	W	9				31	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS), 2.8 (GS).
	13	12	20	20.4	42.567	N	111.288	W	5	G		0.7	14	EASTERN IDAHO. ML 2.9 (GS).
	13	12	36	58.4?	43.86	N	7.10	E	10	G		0.2	7	NEAR SOUTH COAST OF FRANCE. ML 2.0 (GEN).
	13	13	30	39.5?	51.37	N	170.01	W	33	N	3.9	1.5	12	FOX ISLANDS, ALEUTIAN ISLANDS
	13	13	51	16.2?	18.30	N	67.57	W	33	N		0.6	6	MONA PASSAGE
a	13	14	21	28.5	41.446	S	89.421	W	10	G	5.2 5.4	1.2	76	SOUTHERN PACIFIC OCEAN. Mw 5.7 (HRV).
	13	15	22	01.9	44.358	N	6.938	E	10	G		0.5	20	FRANCE. ML 2.3 (GEN), 2.2 (LDG), 1.6 (STR).
	13	16	35	25.9%	44.452	N	7.313	E	5	G		0.3	9	NORTHERN ITALY. ML 2.3 (GEN).
	13	16	47	33.0%	44.351	N	6.831	E	5	G		0.5	6	FRANCE. ML 1.8 (GEN).
	13	16	58	02.6%	13.335	N	90.581	W	33	N		0.6	10	NEAR COAST OF GUATEMALA. MD 3.8 (GCG).
	13	17	09	16.2&	32.419	N	115.402	W	6	G			5	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 2.8 (PAS). MD 2.7 (ECX).
	13	17	53	18.2?	18.15	S	166.21	E	33	N	3.8	0.8	4	VANUATU ISLANDS REGION
	13	17	59	58.8?	53.17	N	156.79	E	200	G	4.4	0.9	30	KAMCHATKA
	13	18	08	43.2&	66.684	N	147.651	W	12		3.1		46	NORTHERN ALASKA. <AEIC>. ML 3.6 (AEIC), 3.5 (PMR).
	13	18	42	18.0	42.374	N	1.333	E	10	G		0.7	22	PYRENEES. mbLg 3.1 (MDD). ML 3.0 (LDG). MD 2.8 (BTH).
	13	18	56	59.7	42.747	N	111.089	W	5	G		0.9	11	EASTERN IDAHO. ML 2.5 (GS).
	13	19	18	16.1	42.689	N	111.084	W	5	G		1.1	18	EASTERN IDAHO. ML 3.4 (GS), 3.5 (BUT).
	13	19	43	07.2&	34.251	N	118.550	W	1				28	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.5 (PAS), 2.8 (GS).
	13	20	12	38.5*	38.524	N	24.231	E	21		4.1	0.6	13	AEGEAN SEA. ML 3.8 (ATH).
	13	20	17	16.2%	26.906	S	26.732	E	5	G		0.9	5	REPUBLIC OF SOUTH AFRICA. ML 2.6 (PRE).
	13	20	39	46.1	43.269	N	0.667	W	10	G		1.1	16	PYRENEES. mbLg 2.8 (MDD). ML 2.1 (LDG).
	13	20	43	45.4?	32.67	S	70.16	W	110	G		0.3	10	CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
	13	21	21	18.1&	34.290	N	118.481	W	8				31	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS), 2.9 (GS).
	13	21	31	50.5?	36.40	N	70.80	E	33	N	3.7	0.7	4	HINDU KUSH REGION, AFGHANISTAN
	13	21	53	41.8*	10.749	N	144.842	E	33	N	4.6 4.7	1.2	20	SOUTH OF MARIANA ISLANDS
a	13	22	00	28.6	20.559	S	168.917	E	28	D	5.5 5.3	1.2	147	LOYALTY ISLANDS. Mw 5.7 (HRV).
	13	22	19	10.8&	60.026	N	153.302	W	121		3.6		94	SOUTHERN ALASKA. <AEIC>.
	14	00	06	16.4	42.755	N	111.102	W	5	G		0.9	21	EASTERN IDAHO. ML 3.6 (GS), 3.8 (BUT). Felt at Afton, Wyoming.
	14	00	42	39.3?	20.64	S	178.84	W	583	*	4.7	1.0	20	FIJI ISLANDS REGION
	14	02	44	41.7%	14.893	N	121.994	E	33	N		1.5	5	LUZON, PHILIPPINE ISLANDS
	14	03	48	59.7&	36.536	N	120.645	W	10				16	CENTRAL CALIFORNIA. <GM-P>. MD 2.8 (GM).
	14	04	18	25.3*	51.452	N	176.784	E	33	N	4.3	0.9	26	RAT ISLANDS, ALEUTIAN ISLANDS. ML 4.2 (PMR).
	14	06	06	43.3%	37.476	S	176.733	E	250	G		0.6	22	NORTH ISLAND, NEW ZEALAND
	14	06	29	35.3	18.821	S	169.113	E	229		4.7	1.2	58	VANUATU ISLANDS

	14	07 24	51.2*	16.680	N	95.976	W	47	*	4.4	0.9	27	OAXACA, MEXICO
	14	07 42	14.2?	37.80	N	30.31	E	10	G		1.4	4	TURKEY. ML 3.3 (ISK).
	14	08 28	35.8?	11.32	N	87.29	W	33	N		0.8	9	NEAR COAST OF NICARAGUA. MD 4.1 (GCG).
	14	09 06	12.9*	30.745	N	115.353	W	5	G		1.2	28	BAJA CALIFORNIA, MEXICO. ML 4.2 (GS). MD 3.8 (ECX).
	14	10 36	15.2?	13.55	N	88.75	W	33	N		0.5	7	EL SALVADOR. MD 3.7 (GCG).
	14	10 40	26.3	38.778	N	75.430	E	33	N	4.9	0.9	74	SOUTHERN XINJIANG, CHINA
a	14	11 14	27.0	51.920	N	158.894	E	51	D	5.6 5.5	1.0	444	NEAR EAST COAST OF KAMCHATKA. Mw 5.9 (HRV). Ms 5.1 (BRK). Mo=1.1*10**18 Nm (PPT). Felt (III) at Petropavlovsk-Kamchatskiy.
	14	12 03	47.8%	40.434	N	2.599	W	10	G		0.6	7	SPAIN. mbLg 2.8 (MDD).
	14	12 09	23.0%	16.703	N	99.170	W	33	N		0.9	5	NEAR COAST OF GUERRERO, MEXICO
	14	12 11	03.4*	9.748	N	82.815	W	33	N	4.4	1.2	9	PANAMA-COSTA RICA BORDER REGION. Felt at Changuinola, Panama.
	14	12 23	48.0&	61.392	N	150.997	W	62		2.9		81	SOUTHERN ALASKA. <AEIC>. ML 3.4 (AEIC), 3.3 (PMR).
	14	12 34	22.2?	26.34	S	27.45	E	5	G		0.7	4	REPUBLIC OF SOUTH AFRICA. ML 2.5 (PRE).
	14	13 35	38.4&	63.271	N	150.911	W	15				45	CENTRAL ALASKA. <AEIC> . ML 2.7 (AEIC), 2.9 (PMR).
	14	14 21	25.9	10.479	S	123.952	E	26	D	4.8	1.1	23	TIMOR REGION, INDONESIA
	14	14 29	11.8&	63.280	N	150.937	W	15				59	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC), 2.9 (PMR).
	14	15 08	17.6*	53.285	N	162.583	W	33	N	4.8	1.2	41	SOUTH OF ALASKA
	14	15 46	01.7	45.729	N	7.107	E	10	G		0.3	16	NORTHERN ITALY. ML 2.6 (LDG), 2.6 (GEN).
	14	16 11	30.8*	3.757	S	151.498	E	33	N	4.6	1.1	16	NEW IRELAND REGION, P.N.G.
	14	16 55	35.1	42.730	N	111.039	W	5	G		1.0	19	EASTERN IDAHO. ML 4.0 (GS), 4.1 (BUT). Felt at Afton, Wyoming.
	14	17 36	37.2*	38.698	N	27.360	E	10	G		0.4	6	TURKEY
	14	18 12	32.5*	0.397	S	123.366	E	32	D	4.7	1.2	14	MINAHASSA PENINSULA, SULAWESI
	14	20 06	29.3	42.800	N	111.112	W	5	G		0.3	9	EASTERN IDAHO. ML 2.7 (GS).
	14	20 32	57.5&	34.208	N	118.556	W	17				22	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.3 (GS).
	14	21 16	20.0	40.605	N	107.487	W	5	G		0.7	11	COLORADO. ML 2.7 (GS). Felt (III) at Craig.
	14	21 36	23.3%	47.307	N	5.375	E	10	G		0.4	6	FRANCE. ML 2.0 (LDG).
	14	22 00	02.6&	63.058	N	150.999	W	130				76	CENTRAL ALASKA. <AEIC>.
	14	22 34	18.0&	61.290	N	141.210	W	0				13	SOUTHERN ALASKA. <PGC-P>. ML 3.1 (PGC), 2.8 (AEIC).
	15	00 01	19.7%	33.046	S	70.283	W	100	G		0.2	11	CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
	15	00 22	22.9&	34.252	N	118.633	W	7				36	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 3.1 (GS). Double event.
	15	01 35	25.4*	42.407	N	2.148	E	10	G		0.8	5	PYRENEES. mbLg 2.7 (MDD). ML 2.7 (LDG).
	15	02 48	35.2*	45.812	N	148.941	E	20	D	4.6	1.7	28	KURIL ISLANDS
	15	03 21	36.7&	32.120	N	116.378	W	6	G			6	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.5 (PAS).
	15	03 59	05.2	42.687	N	111.053	W	5	G		0.6	15	EASTERN IDAHO. ML 3.3 (GS).
	15	05 04	42.8?	6.04	S	149.39	E	85	*	4.9	1.0	15	NEW BRITAIN REGION, P.N.G.
	15	06 09	42.9	6.426	S	154.971	E	42	D	5.2	0.9	68	SOLOMON ISLANDS
	15	06 10	32.3?	36.74	N	140.23	E	122	*		1.2	7	NEAR EAST COAST OF HONSHU, JAPAN
	15	06 36	55.8%	33.515	S	70.308	W	105	?		0.2	11	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
	15	06 53	50.1	39.150	N	21.883	E	10	G		0.8	11	GREECE. ML 3.0 (THE).
	15	08 06	55.8?	38.21	N	21.42	E	10	G		0.4	7	GREECE
	15	08 12	44.7?	28.90	N	34.73	E	10	G		0.4	4	EGYPT
	15	09 42	48.3&	34.372	N	118.642	W	14				17	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 3.2 (GS).
	15	10 15	57.4	52.378	N	0.847	E	10	G		1.0	60	UNITED KINGDOM. ML 4.4 (LDG), 4.1 (BNS), 4.0 (BGS). Felt (IV) in the epicentral area. Felt in much of Norfolk, Suffolk, Essex, Northampton and Cambridge.
	15	11 18	45.1	52.488	N	1.066	E	10	G		0.4	16	UNITED KINGDOM. ML 2.9 (BGS). Felt (III) in the epicentral area.
	15	11 28	26.6*	42.848	N	111.120	W	5	G		1.2	7	EASTERN IDAHO. ML 2.5 (GS).
	15	12 09	21.7*	3.694	N	126.604	E	42	D	4.8 4.3	1.0	52	TALAUD ISLANDS, INDONESIA
	15	12 31	55.3&	34.293	N	118.451	W	7				17	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.4 (GS). Felt.
	15	13 13	35.4?	45.47	N	6.39	E	5	G		0.3	6	FRANCE. ML 2.1 (GEN).
	15	13 14	45.3*	18.792	N	69.454	W	122	?	3.9	0.8	12	DOMINICAN REPUBLIC REGION
	15	13 17	30.9?	42.89	N	23.88	E	10	G		0.5	6	BULGARIA. ML 2.9 (THE).
	15	13 22	05.9	41.727	N	144.793	E	33	N	4.0	0.9	17	HOKKAIDO, JAPAN REGION
	15	13 28	04.8?	28.58	N	34.85	E	10	G		0.1	4	EGYPT
	15	13 51	49.4&	34.240	N	118.561	W	2				13	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.9 (GS). Felt.
	15	13 56	32.9&	61.914	N	151.286	W	80				57	SOUTHERN ALASKA. <AEIC>.
	15	14 16	17.7?	15.88	N	97.97	W	33	N		1.1	4	NEAR COAST OF OAXACA, MEXICO
	15	14 18	37.7%	38.395	S	175.681	E	180	G		1.1	21	NORTH ISLAND, NEW ZEALAND
	15	14 34	48.0	44.079	N	7.747	E	10	G		0.5	23	NORTHERN ITALY. ML 2.9 (LDG), 2.6 (GEN).
a	15	15 08	17.7	20.563	S	169.393	E	30	G	5.8 5.7	1.1	413	VANUATU ISLANDS. Mw 6.0 (GS), 5.9 (HRV). Ms 5.7 (BRK). Mo=8.9*10**17 Nm (PPT). Depth from broadband displacement seismograms.
	15	16 15	04.4?	42.44	N	2.32	E	10	G		1.1	5	PYRENEES. mbLg 2.6 (MDD). ML 2.5 (LDG).
	15	16 20	24.9?	51.19	N	15.88	E	10	G		0.8	7	POLAND
	15	16 49	15.9*	13.645	N	120.853	E	193		4.8	0.8	25	MINDORO, PHILIPPINE ISLANDS
f	15	17 07	43.8	4.967	S	104.302	E	23	G	5.9 7.0	1.3	360	SOUTHERN SUMATERA, INDONESIA. Mw 6.6 (GS), 6.9 (HRV). Ms 6.8 (BRK). Mo=5.1*10**19 Nm (PPT). At least 207 people killed, more than 2,000 injured, 75,000 homeless and extensive damage from landslides, mudslides and fires in Lampung Province. Much of the damage and loss of life occurred in the Liwa area. At least 6,000 homes, shops and government buildings were damaged or destroyed from landslides in the Liwa area. Damage estimated to be about 169 million U.S. dollars. Felt throughout much of southern Sumatera and parts of western Jawa. Felt at Jakarta and in Singapore. Depth from broadband displacement seismograms.
	15	17 45	59.7*	20.729	S	169.246	E	74	*	4.3	1.2	13	VANUATU ISLANDS
	15	18 27	44.1*	7.842	S	76.466	W	142	D	4.6	0.8	39	NORTHERN PERU
	15	18 38	13.1	44.376	N	6.955	E	9			0.4	23	FRANCE. ML 2.4 (GEN), 2.2 (LDG), 1.8 (STR).
	15	19 02	44.0*	17.969	S	178.622	W	589		4.7	0.8	24	FIJI ISLANDS REGION
	15	19 07	29.1	51.396	N	15.697	E	10	G		0.6	11	POLAND. ML 3.5 (VIE), 3.4 (GRF), 2.8 (CLL).
	15	19 39	38.9	42.671	N	111.093	W	5	G		0.5	8	EASTERN IDAHO. ML 2.6 (GS).
	15	19 44	21.9	40.398	N	142.367	E	68		4.4	1.1	31	NEAR EAST COAST OF HONSHU, JAPAN
	15	20 37	40.6	20.473	S	168.886	E	33	N	5.2 5.6	1.2	104	LOYALTY ISLANDS

	15	20	40	20.7&	60.528	N	149.986	W	39				64	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.7 (AEIC).
	15	21	05	45.6?	20.44	S	168.81	E	33	N	4.2	0.8	6	LOYALTY ISLANDS
	15	21	09	39.5	36.104	N	100.164	E	20	D	5.6 5.5	1.1	316	QINGHAI, CHINA. ML 5.1 (BJI). Some damage to houses in the Gonghe area. Felt at Xining.
a	15	21	11	56.4	20.399	S	168.866	E	20	G	5.7 6.4	1.3	211	LOYALTY ISLANDS. Mw 6.4 (GS), 6.5 (HRV). Ms 6.5 (BRK). Mo=7.7*10**18 Nm (PPT). Depth from broadband displacement seismograms.
	15	21	31	02.2%	26.908	S	26.703	E	5	G		1.4	9	REPUBLIC OF SOUTH AFRICA. ML 3.6 (PRE).
	15	21	34	48.6?	20.42	S	168.58	E	33	N	4.3	1.4	10	LOYALTY ISLANDS
	15	22	14	40.1&	60.668	N	151.345	W	55				79	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.2 (AEIC), 3.6 (PMR).
	15	22	28	23.9%	44.433	N	7.252	E	5	G		0.1	6	NORTHERN ITALY. ML 1.9 (GEN).
	15	22	29	27.4	44.208	N	39.427	E	33	N	4.6	1.2	105	NORTHWESTERN CAUCASUS. Felt (V) in the epicentral area; (III) at Lazarevskoye, Tuapse and Sochi; (II) at Maykop, Russia.
	15	22	56	55.3	42.843	N	111.098	W	5	G		0.4	11	EASTERN IDAHO. ML 3.0 (GS).
	15	22	58	56.8*	17.892	N	76.870	W	10	G		1.6	7	JAMAICA REGION. MD 3.9 (HOJ).
	15	23	41	43.0	10.120	S	118.899	E	26	D	5.2 5.1	1.4	48	SOUTH OF SUMBAWA, INDONESIA
	15	23	46	09.6	44.276	N	148.924	E	33	N	5.4 4.8	0.9	239	KURIL ISLANDS
	16	02	25	30.2*	21.369	N	143.813	E	33	N	4.5	1.0	12	MARIANA ISLANDS REGION
	16	02	32	45.1&	59.676	N	150.844	W	37				85	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.2 (AEIC).
	16	03	38	39.9*	35.970	N	140.205	E	81		4.2	0.8	24	NEAR EAST COAST OF HONSHU, JAPAN
a	16	03	48	52.4	26.271	S	178.273	E	606	D	5.4	1.0	189	SOUTH OF FIJI ISLANDS. Mw 5.7 (HRV).
	16	04	12	38.1*	20.370	S	168.833	E	33	N	4.8 4.7	1.5	32	LOYALTY ISLANDS
	16	04	56	48.5%	38.617	S	175.910	E	140	G		1.1	14	NORTH ISLAND, NEW ZEALAND
	16	06	17	19.3*	41.047	N	72.168	E	33	N	3.9	0.5	6	KYRGYZSTAN. Felt (IV) in the epicentral area and (III) at Mayli-Say and Tash-Kumyr.
a	16	06	46	57.0	20.094	S	168.906	E	13	G	5.7 6.3	1.1	204	LOYALTY ISLANDS. Mw 6.0 (GS). Depth from broadband displacement seismograms.
	16	06	48	23.4*	19.979	S	169.011	E	33	N	5.5	1.3	75	VANUATU ISLANDS
a	16	06	48	58.0*	18.991	S	168.134	E	13	G	5.9 6.4	1.4	55	VANUATU ISLANDS. Mw 6.4 (GS), 6.4 (HRV). Ms 6.5 (BRK). Mo=7.0*10**18 Nm (PPT). Depth from broadband displacement seismograms.
	16	06	53	06.7%	26.255	S	27.579	E	5	G		1.2	10	REPUBLIC OF SOUTH AFRICA. ML 3.4 (PRE).
	16	07	51	59.3*	50.095	S	164.473	E	33	N		1.1	18	AUCKLAND ISLANDS REGION
	16	07	58	42.1&	34.097	N	118.510	W	6				16	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.3 (GS). Felt.
	16	08	30	13.7?	14.22	N	61.03	W	10	G		0.0	4	WINDWARD ISLANDS. MD 3.4 (TRN). Felt.
	16	08	59	05.6	20.254	S	168.698	E	33	N	4.8 5.1	1.4	51	LOYALTY ISLANDS
a	16	11	08	45.8	20.111	S	168.875	E	26	D	5.3 5.6	1.2	156	LOYALTY ISLANDS. Mw 5.9 (HRV). Ms 5.7 (BRK). Mo=7.4*10**17 Nm (PPT).
	16	11	55	54.6?	20.35	S	168.71	E	33	N	4.5	1.0	7	LOYALTY ISLANDS
	16	12	12	58.3%	40.846	N	27.940	E	10	G		0.8	6	TURKEY. ML 3.3 (ISK).
	16	12	31	20.0?	40.78	N	22.68	E	10	G		0.2	4	GREECE. ML 1.5 (THE).
	16	12	32	03.3	40.783	N	22.670	E	10	G		0.4	8	GREECE. ML 2.0 (SKO), 1.8 (THE).
	16	12	49	07.0	42.726	N	111.079	W	5	G		0.9	10	EASTERN IDAHO. ML 2.9 (GS).
	16	13	53	38.5%	37.495	S	177.099	E	150	G		1.7	21	OFF E. COAST OF N. ISLAND, N.Z.
	16	13	54	21.3?	36.60	N	24.28	E	10	G		0.1	4	SOUTHERN GREECE. MD 3.3 (ATH).
	16	14	27	05.7	42.717	N	111.088	W	5	G		0.5	10	EASTERN IDAHO. ML 2.6 (GS).
	16	14	53	11.7%	40.718	N	23.383	E	10	G		0.6	7	GREECE. ML 2.0 (THE).
	16	15	46	38.4%	44.415	N	8.300	E	5	G		0.3	8	NORTHERN ITALY. ML 2.2 (GEN).
	16	15	50	46.4*	42.470	N	0.921	E	5	G		1.2	6	PYRENEES. ML 2.2 (LDG), 1.7 (STR).
	16	16	06	51.8*	20.291	S	168.679	E	33	N	4.3	0.6	7	LOYALTY ISLANDS
	16	16	15	58.8	25.039	N	123.494	E	113	D	5.0	1.2	93	NORTHEAST OF TAIWAN
	16	16	27	43.5*	20.025	S	168.044	E	26	*	4.3 3.9	1.3	23	LOYALTY ISLANDS
	16	17	23	42.3	42.710	N	111.078	W	5	G		0.7	15	EASTERN IDAHO. ML 3.5 (GS).
	16	18	00	38.5&	34.287	N	118.446	W	3				15	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 3.3 (GS). Felt.
	16	18	05	00.5*	51.942	N	159.116	E	33	N	4.2	0.9	9	OFF EAST COAST OF KAMCHATKA
	16	18	23	43.3&	63.244	N	150.917	W	17				56	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC).
	16	19	48	48.8?	47.82	N	142.67	E	33	N	4.5	1.3	10	SAKHALIN ISLAND
	16	19	51	35.4%	36.874	S	177.093	E	33	N		0.6	8	OFF E. COAST OF N. ISLAND, N.Z. ML 4.1 (WEL).
	16	19	55	33.1&	63.059	N	150.970	W	121				65	CENTRAL ALASKA. <AEIC>.
	16	20	00	10.9	42.712	N	111.109	W	5	G		0.9	9	EASTERN IDAHO. ML 2.5 (GS).
	16	20	21	04.9*	20.365	S	178.226	W	593	*	4.6	1.0	30	FIJI ISLANDS REGION
	16	20	46	37.7&	59.887	N	152.442	W	85				94	SOUTHERN ALASKA. <AEIC>.
	16	21	17	47.5*	43.244	N	138.749	E	232	*	4.2	1.1	19	EASTERN SEA OF JAPAN
	16	21	34	26.1%	36.809	S	177.100	E	33	N		0.9	9	OFF E. COAST OF N. ISLAND, N.Z. ML 4.3 (WEL).
	16	21	42	36.9%	36.932	S	177.112	E	33	N		0.6	6	OFF E. COAST OF N. ISLAND, N.Z. ML 4.1 (WEL).
f	16	22	03	08.9	20.230	S	168.925	E	11	G	5.7 5.8	1.3	214	LOYALTY ISLANDS. Mw 6.1 (GS), 6.0 (HRV). Ms 5.9 (BRK). Mo=2.0*10**18 Nm (PPT). Depth from broadband displacement seismograms.
	16	22	21	52.0%	33.143	S	70.218	W	110	G		0.5	10	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
a	16	22	47	01.3	20.010	S	168.743	E	23	D	4.7 5.4	1.4	75	LOYALTY ISLANDS. Mw 5.4 (HRV).
	16	23	34	52.3%	36.836	S	177.130	E	33	N		0.5	6	OFF E. COAST OF N. ISLAND, N.Z. ML 4.2 (WEL).
	17	00	47	54.4%	39.395	N	27.984	E	10	G		0.8	5	TURKEY. ML 2.8 (ISK).
	17	02	15	29.1?	41.22	N	23.22	E	5	G		0.1	4	GREECE-BULGARIA BORDER REGION. ML 1.6 (THE).
	17	02	16	53.3%	36.878	S	177.140	E	33	N		0.3	5	OFF E. COAST OF N. ISLAND, N.Z. ML 3.8 (WEL).
	17	02	41	33.2?	40.21	N	27.32	E	10	G		0.6	4	TURKEY. ML 2.7 (ISK).
	17	02	47	44.5?	8.49	N	83.36	W	33	N	3.7	1.2	5	COSTA RICA. MD 4.2 (UPA).
	17	02	54	11.5	5.410	S	106.575	E	289	D	4.7	1.0	68	JAWA, INDONESIA
	17	03	22	23.1&	59.388	N	150.106	W	11				77	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.0 (AEIC).
	17	03	47	05.4?	26.92	S	26.73	E	5	G		0.8	4	REPUBLIC OF SOUTH AFRICA. ML 2.3 (PRE).
	17	04	11	23.8	41.354	N	20.896	E	10	G		0.9	14	ALBANIA. ML 2.9 (THE), 2.6 (TIR).
	17	04	27	22.4?	20.34	S	168.50	E	33	N	5.1 4.4	1.7	16	LOYALTY ISLANDS
a	17	04	37	27.6	23.258	S	66.530	W	223	D	5.4	1.1	186	JUJUY PROVINCE, ARGENTINA. Mw 5.4 (HRV).
	17	05	16	30.0?	20.24	S	168.44	E	33	N	4.9 4.5	1.4	23	LOYALTY ISLANDS
	17	05	59	58.6*	7.667	N	73.642	W	33	N	4.9	1.1	34	NORTHERN COLOMBIA
	17	06	45	25.9*	20.138	S	168.489	E	19	D	4.6 4.7	1.3	25	LOYALTY ISLANDS
	17	07	35	42.0?	24.91	N	122.18	E	10	G	4.2	1.4	6	TAIWAN REGION. ML 4.5 (BJI).
	17	08	07	29.6	4.830	S	153.323	E	33	N	4.9 4.5	1.4	51	NEW IRELAND REGION, P.N.G.
	17	08	39	50.8&	36.693	N	121.315	W	4				13	CENTRAL CALIFORNIA. <GM-P>. MD 3.2 (GM).
	17	08	56	20.0*	13.510	N	144.264	E	132		4.6	1.0	19	MARIANA ISLANDS

	17	09 04 45.8&	59.781	N	152.003	W	62		3.3			87	SOUTHERN ALASKA. <AEIC>. ML 3.1 (AEIC).
	17	09 58 11.8%	26.897	S	26.707	E	5	G			0.5	9	REPUBLIC OF SOUTH AFRICA. mbLg 3.3 (BUL). ML 3.0 (PRE).
	17	10 43 06.3%	37.204	S	177.859	E	140	G			1.3	23	OFF E. COAST OF N. ISLAND, N.Z.
	17	11 11 39.6	20.081	S	168.482	E	22	D	5.1	4.9	1.3	78	LOYALTY ISLANDS
	17	11 21 07.1	42.719	N	111.130	W	5	G			0.7	10	EASTERN IDAHO. ML 2.7 (GS).
	17	11 42 37.0?	6.06	S	146.66	E	33	N			0.5	4	EASTERN NEW GUINEA REG., P.N.G.
	17	12 57 47.4%	44.429	N	7.311	E	5	G			0.1	5	NORTHERN ITALY. ML 2.0 (GEN).
	17	13 08 16.5%	26.839	S	26.707	E	5	G			0.7	6	REPUBLIC OF SOUTH AFRICA. ML 2.8 (PRE).
	17	13 52 41.4?	28.76	N	34.70	E	10	G			1.0	4	EGYPT
	17	14 37 28.4?	7.10	N	73.42	W	148	?			0.2	6	NORTHERN COLOMBIA
	17	16 18 12.6&	58.662	N	152.699	W	63		2.8			55	KODIAK ISLAND REGION. <AEIC>. ML 2.9 (AEIC).
	17	16 52 50.0*	48.732	N	10.115	E	10	G			0.8	12	GERMANY. ML 2.8 (VIE), 2.4 (FUR).
	17	17 40 28.0%	28.825	N	34.631	E	10	G			1.0	5	EGYPT
	17	18 26 22.6	10.159	N	126.189	E	43	D	4.8	4.1	1.1	77	PHILIPPINE ISLANDS REGION
	17	18 46 08.4*	10.269	N	126.313	E	29	D	4.4	4.1	1.6	21	PHILIPPINE ISLANDS REGION
a	17	19 41 56.3*	9.891	N	125.838	E	35	D	5.4	5.0	1.0	157	MINDANAO, PHILIPPINE ISLANDS. Mw 5.6 (HRV). Felt (II RF) at Bislig and on Mactan.
	17	19 45 12.9	43.773	N	6.030	E	5	G			0.8	15	NEAR SOUTH COAST OF FRANCE. ML 2.5 (LDG), 2.2 (STR).
	17	20 28 34.0&	57.028	N	153.776	W	46		3.9			90	KODIAK ISLAND REGION. <AEIC>. ML 4.2 (AEIC), 4.2 (PMR).
a	17	21 01 30.1	9.645	S	152.025	E	30	D	5.2	4.8	1.1	109	D'ENTRECASTEAUX ISLANDS REGION. Mw 5.5 (HRV).
	17	21 46 48.8%	39.672	S	173.944	E	200	G			1.0	38	OFF W. COAST OF N. ISLAND, N.Z.
a	17	21 52 47.3	9.506	S	152.083	E	20	D	5.5	5.6	1.1	136	D'ENTRECASTEAUX ISLANDS REGION. Mw 5.8 (HRV). Mo=2.2*10**18 Nm (PPT).
	17	22 13 54.0*	41.450	N	20.505	E	10	G			0.2	5	ALBANIA. ML 2.6 (SKO), 2.6 (TIR).
	17	22 16 39.2	43.719	N	6.187	E	10	G			1.0	32	NEAR SOUTH COAST OF FRANCE. ML 2.8 (LDG), 2.5 (STR).
	17	22 23 38.6*	44.339	N	112.113	E	10	G	4.1		1.4	11	NORTHEASTERN CHINA. ML 4.4 (BJI).
	17	22 25 02.6?	37.44	N	4.63	W	10	G			1.2	4	SPAIN. mbLg 2.2 (MDD).
	17	22 37 23.9?	32.40	S	71.91	W	33	N			0.5	10	NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN).
	17	22 37 30.6&	61.681	N	151.919	W	109		3.0			85	SOUTHERN ALASKA. <AEIC>.
	17	22 40 57.4?	17.61	S	178.79	W	600		5.0		0.9	24	FIJI ISLANDS REGION
	17	23 13 33.6*	28.875	N	34.610	E	10	G	4.1		0.7	8	EGYPT. MD 4.2 (HLW). ML 4.2 (BHL).
	17	23 41 48.2?	39.75	N	139.96	E	168	?	4.1		0.9	9	NEAR WEST COAST OF HONSHU, JAPAN
	18	00 00 19.8*	39.814	N	20.563	E	10	G			1.0	6	GREECE-ALBANIA BORDER REGION
	18	00 52 03.9*	37.814	N	20.323	E	10	G	3.6		0.8	18	IONIAN SEA. MD 3.8 (ATH). ML 3.8 (TIR).
	18	00 53 06.8%	39.102	S	176.223	E	100	G			0.8	33	NORTH ISLAND, NEW ZEALAND
	18	01 06 32.3?	38.22	N	20.54	E	10	G			1.4	5	GREECE. MD 3.6 (ATH).
	18	03 56 13.0%	40.834	N	27.928	E	10	G			0.3	10	TURKEY. ML 3.2 (ISK).
a	18	04 19 07.5	45.330	S	96.232	E	10	G	5.6	6.1	1.3	103	SOUTHEAST INDIAN RIDGE. Mw 6.3 (HRV). Mo=6.0*10**18 Nm (PPT).
	18	06 10 15.9?	16.70	N	99.65	W	33	N			1.3	5	NEAR COAST OF GUERRERO, MEXICO
	18	06 24 16.9?	45.12	N	3.25	E	10	G			0.6	4	FRANCE. ML 2.0 (LDG).
	18	07 22 14.4	54.555	N	162.761	E	30	D	5.2	4.7	1.2	211	NEAR EAST COAST OF KAMCHATKA
	18	09 13 28.3&	34.236	N	118.576	W	16					19	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.7 (PAS), 3.6 (GS). Felt.
	18	09 41 13.2	42.818	N	111.049	W	5	G			0.7	10	EASTERN IDAHO. ML 3.1 (GS).
	18	09 50 43.9%	39.196	N	29.453	E	5	G			0.5	11	TURKEY. ML 3.1 (ISK).
	18	10 07 58.1%	26.883	S	26.680	E	5	G			0.8	8	REPUBLIC OF SOUTH AFRICA. ML 2.6 (PRE).
	18	10 12 58.5&	60.016	N	153.737	W	165					60	SOUTHERN ALASKA. <AEIC>.
	18	10 15 53.6	6.676	N	73.078	W	158	D	4.9		1.1	117	NORTHERN COLOMBIA. Felt in the departments of Antioquia, Boyaca, Caldas, Norte de Santander, Santander and Tolima.
	18	10 19 12.5?	10.13	N	126.38	E	33	N	4.3		1.7	8	PHILIPPINE ISLANDS REGION
	18	10 34 31.9?	36.32	N	4.52	W	10	G			1.2	7	STRAIT OF GIBRALTAR. mbLg 2.5 (MDD).
	18	11 02 54.3	42.584	N	142.545	E	97	D	5.0		1.0	184	HOKKAIDO, JAPAN REGION
	18	11 25 46.7?	40.81	N	22.98	E	10	G			0.1	4	GREECE. ML 1.2 (THE).
	18	11 46 35.6%	26.350	S	27.387	E	5	G			0.5	6	REPUBLIC OF SOUTH AFRICA. ML 2.9 (PRE).
	18	12 13 12.8%	39.663	N	29.463	E	10	G			0.5	6	TURKEY. ML 2.7 (ISK).
	18	12 40 32.9%	26.323	S	27.585	E	5	G			1.0	8	REPUBLIC OF SOUTH AFRICA. ML 2.6 (PRE).
	18	12 53 32.9	14.290	N	56.233	E	10	G	5.0	4.5	1.1	66	ARABIAN SEA
	18	13 11 44.5?	39.41	N	30.18	E	10	G			0.3	4	TURKEY. ML 2.6 (ISK).
	18	13 16 24.7*	6.127	S	149.910	E	66	*	4.5		1.2	27	NEW BRITAIN REGION, P.N.G.
	18	13 36 29.6%	42.579	S	173.719	E	33	N			0.6	26	SOUTH ISLAND, NEW ZEALAND. ML 4.1 (WEL).
a	18	13 41 27.7	20.493	S	169.072	E	13	G	5.5	5.6	1.2	137	VANUATU ISLANDS. Mw 6.0 (GS), 5.9 (HRV). Ms 5.6 (BRK). Mo=1.0*10**18 Nm (PPT). Depth from broadband displacement seismograms.
	18	13 45 42.5	14.072	N	145.563	E	105	*	4.7		1.2	43	MARIANA ISLANDS. Felt (V) at Tamuning; (III) at Agana and Harmon, Guam.
	18	13 47 48.8?	38.61	N	27.49	E	10	G			0.1	4	TURKEY. ML 2.9 (ISK).
	18	13 52 20.3?	41.35	N	22.51	E	10	G			0.0	5	NORTHWESTERN BALKAN REGION. ML 2.1 (THE), 2.0 (SKO).
	18	14 04 37.3%	40.654	N	23.465	E	10	G			0.5	6	GREECE. ML 2.0 (THE).
	18	15 06 55.7%	38.633	N	27.174	E	10	G			0.2	6	TURKEY. ML 3.0 (ISK).
	18	15 44 23.4&	34.303	N	118.454	W	7					14	SOUTHERN CALIFORNIA. <PAS>. ML 3.1 (PAS), 3.4 (GS). Felt.
a	18	16 19 40.4	14.133	N	56.248	E	10	G	5.2	4.8	1.2	171	ARABIAN SEA. Mw 5.3 (HRV).
	18	16 47 49.6%	45.689	N	7.326	E	5	G			0.5	6	NORTHERN ITALY. ML 2.9 (GEN).
	18	17 11 42.2%	45.286	N	7.530	E	10	G			1.4	5	NORTHERN ITALY. ML 2.4 (GEN).
	18	17 19 33.4?	40.63	N	25.95	E	10	G			0.8	5	AEGEAN SEA. ML 2.8 (THE).
	18	17 59 58.3*	14.548	N	56.157	E	10	G	4.7	4.7	1.0	25	ARABIAN SEA
	18	19 11 09.6	9.750	S	112.804	E	53	*	5.0		1.2	39	SOUTH OF JAWA, INDONESIA
	18	19 54 16.1%	40.398	S	176.992	E	13				0.9	21	NORTH ISLAND, NEW ZEALAND. ML 4.0 (WEL).
	18	20 54 42.1%	37.569	S	177.472	E	150	G			1.5	20	OFF E. COAST OF N. ISLAND, N.Z.
	18	20 58 49.7	38.712	N	27.486	E	10	G			0.8	29	TURKEY. ML 3.8 (ISK), 3.8 (ATH), 3.7 (THE). Felt at Manisa.
	18	22 36 09.3?	13.80	N	56.04	E	10	G	5.0		0.7	17	SOCOTRA REGION
	18	22 53 48.7?	51.35	N	178.38	W	33	N	3.9		1.1	11	ANDREANOF ISLANDS, ALEUTIAN IS.
	18	23 15 24.3%	40.242	N	25.067	E	10	G			0.8	6	AEGEAN SEA. ML 2.7 (THE).
	18	23 23 39.1%	38.907	N	29.972	E	5	G			0.4	13	TURKEY. ML 3.5 (ISK).
	19	00 18 16.2&	59.893	N	151.771	W	52					48	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.6 (AEIC).
	19	00 20 41.1	38.826	N	27.009	E	10	G	4.1		0.8	53	TURKEY. ML 4.3 (THE), 4.1 (ISK). MD 4.2 (ATH). Felt at Izmir.
	19	00 33 38.5&	34.985	N	116.945	W	5					16	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 3.2 (GS).
	19	00 34 33.4?	38.76	N	27.71	E	10	G			0.6	4	TURKEY. ML 3.0 (ISK).
	19	00 35 39.3	38.809	N	26.980	E	10	G	4.0		1.1	48	AEGEAN SEA. ML 4.2 (THE). MD 4.1 (ATH). Felt at Izmir,

													Turkey.
	19	00	53	24.0%	50.603	N	13.622	E	10	G		0.8	5 CZECH AND SLOVAK REPUBLICS
	19	00	57	08.5%	40.554	N	28.349	E	5	G		0.4	5 TURKEY. ML 2.7 (ISK).
	19	02	54	08.1&	34.242	N	118.475	W	13				19 SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.8 (GS).
	19	03	05	16.6%	36.753	N	3.392	W	5	G		1.4	16 STRAIT OF GIBRALTAR. mbLg 3.3 (MDD).
	19	03	13	08.6*	29.991	N	67.845	E	33	N	4.6	1.0	40 PAKISTAN
	19	03	38	46.7%	39.137	N	28.100	E	10	G		0.7	8 TURKEY. ML 3.1 (ISK).
	19	04	13	04.1	38.828	N	26.985	E	10	G	4.0	1.2	45 AEGEAN SEA. MD 4.1 (ATH). ML 4.0 (ISK).
	19	04	53	24.5	42.730	N	111.053	W	5	G		1.0	25 EASTERN IDAHO. ML 3.8 (GS), 4.0 (BUT). Felt in the Afton, Wyoming area.
	19	07	00	55.4%	26.374	S	27.521	E	5	G		0.9	6 REPUBLIC OF SOUTH AFRICA. ML 2.5 (PRE).
	19	07	55	55.1?	39.14	N	28.17	E	10	G		0.1	4 TURKEY. ML 2.8 (ISK).
	19	08	33	22.6%	40.730	N	30.081	E	10	G		1.1	7 TURKEY. ML 2.7 (ISK).
	19	09	58	12.7?	39.58	N	30.17	E	10	G		0.7	4 TURKEY. ML 2.8 (ISK).
	19	10	00	27.6&	60.150	N	152.936	W	110				88 SOUTHERN ALASKA. <AEIC>.
	19	10	49	34.9	10.859	S	162.220	E	52	*	4.8 4.4	0.9	29 SOLOMON ISLANDS
	19	11	17	38.8*	50.680	N	129.797	W	10	G	3.7	0.8	57 VANCOUVER ISLAND REGION. ML 4.0 (PGC).
	19	11	35	24.4?	33.18	S	69.89	W	130	G		0.3	10 CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
	19	12	14	02.0*	2.522	N	112.710	E	33	N	4.7 4.3	1.4	30 BORNEO. Felt in the Kapit-Sibu area, Malaysia.
	19	12	27	19.9	45.604	N	26.385	E	167		4.1	1.0	42 ROMANIA
	19	12	58	15.2%	26.869	S	26.797	E	5	G		0.9	6 REPUBLIC OF SOUTH AFRICA. ML 2.7 (PRE).
	19	13	16	54.2%	16.668	N	120.745	E	10	G		1.0	5 LUZON, PHILIPPINE ISLANDS
	19	13	35	44.8%	39.669	N	29.513	E	10	G		0.7	5 TURKEY. ML 2.6 (ISK).
	19	13	47	57.4	47.237	N	11.305	E	10	G		1.3	10 AUSTRIA. ML 2.3 (VIE).
	19	14	06	43.1?	44.94	N	3.56	E	10	G		1.3	8 FRANCE. ML 2.0 (LDG).
	19	14	36	11.3?	47.30	N	11.31	E	10	G		0.0	4 AUSTRIA. ML 1.2 (VIE).
	19	16	17	24.8	4.855	N	126.444	E	26	D	4.8 4.5	1.1	61 TALAUD ISLANDS, INDONESIA
	19	17	12	12.6	5.834	N	126.787	E	30	D	5.1 4.4	1.4	87 MINDANAO, PHILIPPINE ISLANDS
	19	20	39	51.2	45.834	N	7.434	E	10	G		0.3	9 NORTHERN ITALY. ML 2.0 (LDG), 2.0 (GEN).
	19	21	55	03.3&	37.637	N	118.927	W	9				13 CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM).
	19	22	06	10.3*	12.600	N	88.712	W	33	N		0.5	19 OFF COAST OF CENTRAL AMERICA
	19	22	55	32.3	44.580	N	7.487	E	10	G		0.4	14 NORTHERN ITALY. ML 2.8 (LDG).
	19	23	43	57.5%	46.504	N	2.990	E	10	G		0.9	10 FRANCE. ML 1.7 (LDG).
	20	00	26	51.8%	33.538	S	71.748	W	29			0.6	10 NEAR COAST OF CENTRAL CHILE. MD 3.4 (SAN).
	20	00	39	12.8%	40.659	N	29.977	E	10	G		1.3	5 TURKEY. ML 2.6 (ISK).
a	20	01	54	35.7	2.059	N	126.475	E	28	D	5.6 5.6	1.1	227 NORTHERN MOLUCCA SEA. Mw 6.0 (HRV). Ms 5.4 (BRK).
	20	02	39	11.1%	28.075	S	26.873	E	5	G		0.7	5 REPUBLIC OF SOUTH AFRICA. ML 2.6 (PRE).
	20	02	53	57.8	6.690	N	73.105	W	154		4.4	1.0	38 NORTHERN COLOMBIA
	20	02	55	50.5?	38.87	N	26.85	E	10	G		0.0	4 AEGEAN SEA. ML 2.9 (ISK).
	20	03	02	48.7	0.190	N	121.489	E	188	*	4.6	1.0	26 MINAHASSA PENINSULA, SULAWESI
	20	03	20	11.7?	20.60	S	168.20	E	33	N	4.3	1.3	11 LOYALTY ISLANDS
	20	03	40	31.2*	47.578	N	148.979	E	271	*	4.2	1.0	27 NORTHWEST OF KURIL ISLANDS
	20	04	23	33.6%	40.232	N	29.286	E	5	G		0.7	10 TURKEY. ML 3.3 (ISK).
	20	04	42	30.0	40.290	N	21.424	E	5	G		0.8	18 GREECE. MD 3.2 (ATH). ML 2.9 (THE), 2.8 (TIR).
	20	05	23	28.9?	2.06	N	126.36	E	33	N	4.8 4.3	1.5	10 NORTHERN MOLUCCA SEA
	20	05	23	55.7	39.398	N	28.030	E	10	G		0.3	15 TURKEY. MD 3.5 (ATH). ML 3.4 (ISK).
	20	05	24	03.6&	34.316	N	118.582	W	4				16 SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS), 2.8 (GS).
	20	05	26	33.8	42.658	N	111.092	W	5	G		0.8	12 EASTERN IDAHO. ML 2.6 (GS).
	20	05	35	08.3	39.456	N	26.003	E	10	G		0.5	16 TURKEY. ML 3.4 (ISK), 3.2 (THE). MD 3.1 (ATH).
	20	05	37	54.4	42.775	N	111.105	W	5	G		0.7	10 EASTERN IDAHO. ML 2.5 (GS).
	20	05	39	47.8*	56.406	S	25.627	W	33	N	5.4 5.7	1.1	29 SOUTH SANDWICH ISLANDS REGION
	20	05	41	56.1	8.148	S	119.957	E	33	N	5.0	1.5	33 FLORES REGION, INDONESIA
	20	06	04	39.7%	40.230	N	29.379	E	10	G		0.4	8 TURKEY. ML 2.7 (ISK).
	20	06	24	06.0?	18.82	S	169.13	E	234	*	4.9	0.9	11 VANUATU ISLANDS
	20	06	30	30.0*	39.197	N	20.921	E	10	G		1.2	5 GREECE-ALBANIA BORDER REGION. MD 3.0 (ATH).
	20	07	10	52.2%	39.319	N	29.188	E	10	G		1.0	7 TURKEY. ML 2.8 (ISK).
	20	07	25	53.1	47.863	N	128.781	W	10	G	3.9	1.0	60 OFF COAST OF WASHINGTON
	20	07	37	26.3	47.867	N	128.845	W	10	G	4.2	1.0	109 OFF COAST OF WASHINGTON
	20	07	44	32.6%	40.247	N	29.296	E	10	G		0.5	9 TURKEY. ML 3.3 (ISK).
	20	08	21	02.5	47.840	N	128.353	W	10	G	3.6	0.9	28 OFF COAST OF WASHINGTON
	20	08	41	15.2%	32.816	S	71.145	W	50	?		0.3	9 NEAR COAST OF CENTRAL CHILE. MD 3.3 (SAN).
	20	08	45	58.4%	46.304	N	5.910	E	10	G		0.8	8 FRANCE
	20	08	46	11.1?	46.53	N	5.75	E	10	G		0.7	7 FRANCE. ML 2.2 (LDG).
	20	09	14	50.3*	3.727	N	127.938	E	113	*	5.0	1.2	18 TALAUD ISLANDS, INDONESIA
	20	09	33	19.7%	39.295	N	29.053	E	10	G		0.6	6 TURKEY. ML 2.8 (ISK).
	20	10	10	26.9	29.234	N	130.480	E	42	*	4.4 3.9	0.9	26 RYUKYU ISLANDS
	20	10	29	46.2	42.725	N	111.132	W	5	G		0.6	14 EASTERN IDAHO. ML 3.1 (GS).
	20	10	35	38.8*	19.225	S	168.693	E	43	D	4.7	1.3	49 VANUATU ISLANDS
	20	11	15	28.2*	44.991	N	17.375	E	10	G		1.3	17 NORTHWESTERN BALKAN REGION. MD 3.5 (TRI). ML 3.5 (VIE), 3.3 (ZAG).
	20	11	28	54.5	3.971	N	125.907	E	149	D	4.9	1.2	85 TALAUD ISLANDS, INDONESIA
	20	11	35	09.7*	44.504	N	7.397	E	10	G		1.7	11 NORTHERN ITALY. ML 1.9 (LDG), 1.8 (STR).
	20	11	45	48.0	44.250	N	115.231	W	5	G		0.6	18 WESTERN IDAHO. ML 3.3 (GS), 3.3 (BUT). Felt at Ten Mile Creek.
	20	12	18	57.5?	39.67	N	29.46	E	10	G		0.3	4 TURKEY. ML 2.4 (ISK).
	20	13	14	34.7?	38.88	N	26.84	E	10	G		0.1	4 AEGEAN SEA. ML 2.9 (ISK).
	20	13	17	51.2?	32.35	S	71.69	W	10	G		0.6	10 NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
	20	13	22	26.3?	11.09	N	87.65	W	33	N		0.9	14 NEAR COAST OF NICARAGUA
	20	14	13	31.1*	51.437	N	15.825	E	9			0.5	15 POLAND. ML 3.4 (VIE), 3.4 (GRF), 2.7 (CLL).
	20	14	15	24.7?	32.03	S	71.67	W	10	G		0.6	9 NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	20	14	27	00.9*	39.912	N	25.304	E	10	G		0.6	7 AEGEAN SEA. ML 3.4 (ISK). MD 3.1 (ATH).
	20	14	32	37.7%	29.505	S	123.680	E	10	G		1.6	12 WESTERN AUSTRALIA
	20	15	20	27.0	47.693	N	128.674	W	10	G	4.4	0.8	55 OFF COAST OF WASHINGTON
	20	16	16	48.1%	39.983	N	23.304	E	10	G		0.4	8 AEGEAN SEA. ML 2.4 (THE).
	20	16	26	44.3?	20.58	S	167.99	E	33	N	4.5	1.5	15 LOYALTY ISLANDS
	20	16	28	25.1&	50.603	N	114.420	W	10	G			3 ALBERTA, CANADA. <PGC-P>. ML 2.4 (PGC). Felt at Turner Valley.
	20	16	53	12.7?	17.80	N	101.71	W	33	N		0.6	5 NEAR COAST OF GUERRERO, MEXICO
	20	17	10	09.1	35.614	N	27.951	E	10	G		1.0	17 DODECANESE ISLANDS. MD 3.8 (ATH). ML 3.7 (CSS).
	20	17	32	06.2%	43.082	N	0.912	W	10	G		0.2	7 PYRENEES. ML 1.0 (STR).
	20	18	31	39.8*	35.547	N	27.842	E	33	N		1.1	13 DODECANESE ISLANDS. MD 3.9 (ATH).
	20	18	53	17.9?	40.40	N	27.41	E	10	G		0.5	6 TURKEY. ML 2.9 (ISK).
	20	19	27	56.0&	34.433	N	119.878	W	10				7 SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).

	20	20	51	03.9%	40.810	N	28.030	E	10	G			0.8	7	TURKEY. ML 3.0 (ISK).
	20	21	10	42.2?	36.53	N	2.83	W	10	G			0.6	4	STRAIT OF GIBRALTAR. mbLg 2.9 (MDD).
a	20	21	48	12.5	13.691	N	120.787	E	207	D	5.6		0.9	329	MINDORO, PHILIPPINE ISLANDS. Mw 5.9 (HRV). Felt (III RF) at Puerto Galera.
	20	21	55	27.2?	35.31	S	71.24	W	110	G			0.3	12	CENTRAL CHILE. MD 4.3 (SAN).
	20	22	39	50.8%	40.500	N	23.548	E	5	G			0.6	6	GREECE. ML 2.2 (THE).
	20	22	41	41.3	40.490	N	23.583	E	10	G			1.1	14	GREECE. ML 3.6 (THE). MD 3.4 (ATH).
	20	22	55	58.1&	31.611	N	116.526	W	16					15	BAJA CALIFORNIA, MEXICO. <ECX-P>. MD 3.7 (ECX). ML 3.9 (GS). Felt at Ejido Ajusco.
	21	00	48	42.0?	45.21	N	14.87	E	5	G			0.7	4	NORTHWESTERN BALKAN REGION
	21	01	00	46.0&	60.467	N	150.351	W	37					95	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.4 (AEIC), 3.0 (PMR).
	21	01	40	14.1&	64.248	N	149.035	W	144					47	CENTRAL ALASKA. <AEIC>.
	21	02	05	41.6%	40.546	N	23.427	E	5	G			0.6	6	GREECE. ML 2.1 (THE).
	21	02	15	34.5?	19.72	S	177.66	W	396	?	4.1		0.5	8	FIJI ISLANDS REGION
	21	02	45	31.3?	18.26	N	101.33	W	33	N			1.5	9	GUERRERO, MEXICO
	21	02	51	54.6	40.766	N	28.105	E	10	G			0.5	8	TURKEY. ML 3.1 (ISK).
	21	03	18	47.4?	40.94	N	27.97	E	5	G			0.1	4	TURKEY. ML 2.7 (ISK).
	21	03	25	36.0*	28.848	N	34.808	E	10	G			1.0	6	EGYPT
	21	04	00	05.1%	41.012	N	33.422	E	10	G			0.2	6	TURKEY. ML 3.8 (ISK).
	21	04	15	02.2?	32.40	S	72.05	W	10	G			0.4	11	OFF COAST OF CENTRAL CHILE. MD 3.8 (SAN).
	21	04	36	21.0	40.203	N	29.319	E	5		4.0		0.8	38	TURKEY. ML 4.0 (ISK). MD 3.8 (ATH).
	21	04	50	53.2	40.800	N	28.115	E	5	G			0.7	7	TURKEY. ML 3.2 (ISK).
	21	04	55	29.4	40.139	N	29.368	E	10	G			0.4	7	TURKEY. ML 2.6 (ISK).
	21	05	31	32.1	10.274	S	161.981	E	29	D	5.2	4.8	0.9	79	SOLOMON ISLANDS
	21	06	21	07.9*	40.876	N	27.993	E	10	G			0.6	9	TURKEY. ML 3.0 (ISK).
	21	06	25	16.8*	6.659	S	146.926	E	33	N	4.3		1.5	6	EASTERN NEW GUINEA REG., P.N.G.
	21	07	06	03.1	45.881	N	14.206	E	10	G			1.4	13	NORTHWESTERN BALKAN REGION. MD 3.1 (LJU), 2.6 (TRI). ML 2.7 (VIE).
	21	07	18	02.3?	39.26	N	29.33	E	5	G			0.3	4	TURKEY. ML 2.7 (ISK).
	21	07	31	17.2	46.222	N	13.052	E	14				1.3	36	AUSTRIA. ML 3.6 (GRF), 3.4 (LDG), 3.2 (VIE). MD 3.6 (LJU), 3.0 (TRI).
	21	08	15	55.4	21.182	N	144.965	E	73	D	4.8		1.1	65	MARIANA ISLANDS REGION
	21	09	14	15.7%	40.264	N	29.310	E	10	G			0.6	6	TURKEY. ML 2.7 (ISK).
	21	10	04	27.9%	44.343	N	7.284	E	5	G			0.6	6	NORTHERN ITALY. ML 1.9 (GEN).
	21	11	34	50.0?	41.72	N	23.20	E	5	G			0.1	5	GREECE-BULGARIA BORDER REGION. ML 2.7 (THE).
	21	12	00	47.3%	40.868	N	27.983	E	10	G			0.4	6	TURKEY. ML 2.8 (ISK).
	21	13	02	24.2*	35.163	N	32.630	E	33	N			0.7	5	CYPRUS REGION. ML 4.0 (CSS), 3.6 (BHL).
	21	13	27	43.6	26.374	S	27.313	E	5	G			1.3	11	REPUBLIC OF SOUTH AFRICA. ML 3.1 (PRE).
	21	13	40	04.9	40.295	N	125.319	W	10	G	3.9		0.8	81	OFF COAST OF NORTHERN CALIFORNIA. ML 4.1 (BRK). MD 4.0 (GM).
	21	14	15	29.0	47.739	N	128.626	W	10	G	3.9		0.9	44	OFF COAST OF WASHINGTON
	21	14	43	31.5?	18.23	S	177.13	W	384	*	4.4		0.8	19	FIJI ISLANDS REGION
a	21	15	04	35.6	22.304	S	170.509	E	33	N	5.3	4.9	1.2	94	LOYALTY ISLANDS REGION. Mw 5.5 (HRV). Ms 5.0 (BRK).
	21	15	42	20.5?	21.96	S	170.34	E	33	N	4.0		1.3	14	LOYALTY ISLANDS REGION
	21	15	58	35.8	50.693	N	129.815	W	10	G	3.9		0.9	31	VANCOUVER ISLAND REGION
	21	16	28	49.8*	22.077	S	174.714	E	33	N	4.7	4.9	1.2	31	LOYALTY ISLANDS REGION
	21	16	37	53.9%	39.497	N	27.837	E	10	G			1.4	5	TURKEY. ML 2.7 (ISK).
	21	17	32	33.4	38.729	N	24.824	E	10	G			0.6	9	AEGEAN SEA. ML 3.0 (ATH), 2.7 (THE).
	21	17	53	43.5*	2.672	N	99.183	E	179	*	4.4		0.5	14	NORTHERN SUMATERA, INDONESIA
	21	18	38	48.5%	38.689	N	26.998	E	10	G			0.6	6	AEGEAN SEA. ML 3.4 (ISK).
	21	20	02	45.1*	42.684	N	111.085	W	5	G			0.7	5	EASTERN IDAHO. ML 2.6 (GS).
	21	20	33	26.0?	6.57	S	146.29	E	120	?	4.2		0.5	5	EASTERN NEW GUINEA REG., P.N.G.
	21	20	48	28.9%	47.620	N	5.385	E	10	G			1.0	6	FRANCE. ML 2.2 (LDG).
	21	20	58	49.0%	11.032	N	62.032	W	60	?			0.2	8	WINDWARD ISLANDS. MD 3.4 (TRN).
	21	22	17	04.1	8.531	N	72.856	W	24		5.2		0.9	215	VENEZUELA. Felt in Caldas, Norte de Santander and Santander Departments and along the northern coast of Colombia.
	21	22	18	49.1*	42.691	N	111.127	W	5	G			0.5	8	EASTERN IDAHO. ML 2.6 (GS).
	21	22	24	26.0%	40.167	N	29.469	E	10	G			0.9	6	TURKEY. ML 2.6 (ISK).
	21	22	54	42.7%	38.724	N	27.368	E	5	G			0.8	6	TURKEY. ML 3.1 (ISK).
	22	00	37	47.2*	27.404	S	178.331	E	33	N	4.8		1.4	8	KERMADEC ISLANDS REGION
	22	01	32	56.6&	63.251	N	151.153	W	6					54	CENTRAL ALASKA. <AEIC>. ML 2.8 (AEIC), 2.8 (PMR).
	22	02	39	06.8?	38.15	N	20.60	E	10	G			0.8	5	GREECE. ML 3.7 (ATH).
	22	02	46	31.0&	66.661	N	147.229	W	10					21	NORTHERN ALASKA. <AEIC>. ML 3.0 (AEIC).
	22	02	57	28.5%	40.174	N	29.338	E	10	G			0.4	7	TURKEY. ML 2.7 (ISK).
	22	04	14	59.6	46.191	N	12.969	E	5	G			1.1	55	NORTHERN ITALY. ML 3.7 (GRF), 3.5 (FUR), 3.4 (LDG), 3.3 (VIE). MD 3.6 (LJU), 3.1 (TRI).
	22	05	05	11.9*	20.410	S	168.658	E	33	N	4.5		1.1	21	LOYALTY ISLANDS
	22	06	24	37.4%	37.779	N	25.324	W	10	G			0.4	5	AZORES ISLANDS
	22	06	50	37.6?	11.07	N	61.79	W	33	N			0.5	4	WINDWARD ISLANDS. MD 2.9 (TRN).
	22	08	02	06.0?	31.17	N	60.64	E	10	G			1.0	11	NORTHERN IRAN
	22	09	13	02.8%	42.583	N	1.373	E	10	G			0.2	6	PYRENEES. ML 1.5 (STR).
	22	10	54	51.5	41.337	N	145.195	E	10	G	3.9		1.0	16	HOKKAIDO, JAPAN REGION
	22	12	53	42.1	43.166	N	0.557	W	10	G			1.3	14	PYRENEES. mbLg 2.5 (MDD). MD 2.4 (BTH). ML 2.3 (LDG).
	22	13	29	40.5?	44.30	N	8.52	E	10	G			0.8	4	NORTHERN ITALY. ML 1.9 (GEN).
	22	13	36	04.2%	40.144	N	29.423	E	10	G			0.3	6	TURKEY. ML 2.7 (ISK).
	22	13	39	40.4?	19.54	N	67.14	W	33	N			0.4	6	MONA PASSAGE
	22	13	48	16.6&	61.575	N	149.893	W	34					70	SOUTHERN ALASKA. <AEIC>. ML 2.8 (AEIC), 2.8 (PMR).
	22	13	57	31.6&	34.568	N	116.557	W	0					16	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS), 2.8 (GS).
	22	14	16	39.7	7.647	N	136.673	E	33	N	4.9	4.6	1.0	54	WESTERN CAROLINE ISLANDS
	22	14	20	39.5?	18.51	S	71.40	W	33	N	4.7		1.0	5	OFF COAST OF NORTHERN CHILE. Felt (II) at Arequipa, Peru.
	22	14	48	08.8%	37.007	N	2.808	W	10	G			0.7	6	SPAIN. mbLg 2.5 (MDD).
	22	14	52	26.7%	40.191	N	29.154	E	5	G			0.8	6	TURKEY. ML 2.7 (ISK).
	22	14	54	12.6?	9.69	S	123.83	E	33	N	3.8		0.7	5	TIMOR REGION, INDONESIA
	22	15	13	50.7&	59.720	N	153.074	W	104					67	SOUTHERN ALASKA. <AEIC>.
	22	16	06	06.8?	43.93	N	7.85	E	5	G			0.1	8	NEAR SOUTH COAST OF FRANCE. ML 2.3 (LDG).
	22	16	48	13.1?	38.59	N	27.54	E	10	G			0.4	4	TURKEY. ML 3.0 (ISK).
a	22	17	53	33.2	21.551	S	113.656	W	10	G	5.3	5.3	1.0	86	SOUTHERN EAST PACIFIC RISE. Mw 5.7 (HRV).
a	22	20	02	48.6	5.108	S	152.652	E	56		5.2	4.7	0.8	100	NEW BRITAIN REGION, P.N.G. Mw 5.3 (HRV).
	22	20	08	40.1&	63.332	N	151.633	W	40					23	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
	22	20	30	17.8	16.273	N	94.474	W	33	N	4.3		1.2	31	OAXACA, MEXICO

	22	20	38	21.1?	31.75	S	117.04	E	10	G			0.4	4	WESTERN AUSTRALIA
	22	20	59	09.4*	0.734	N	125.795	E	33	N	4.5		0.9	7	NORTHERN MOLUCCA SEA
	22	21	02	42.3&	34.335	N	118.766	W	5					22	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 3.0 (GS).
	22	21	20	14.3*	16.466	N	95.028	W	33	N	4.0		1.4	12	OAXACA, MEXICO
	22	21	42	19.1&	58.269	N	137.174	W	10	G				20	SOUTHEASTERN ALASKA. <AEIC>. ML 3.7 (AEIC).
	22	22	06	59.2	45.023	N	7.212	E	10	G			0.9	15	NORTHERN ITALY. ML 2.3 (GEN).
	22	22	44	38.4	21.661	N	142.895	E	331		4.4		0.8	41	MARIANA ISLANDS REGION
	22	23	18	19.6%	40.506	N	23.465	E	5	G			0.5	5	GREECE. ML 2.1 (THE).
	23	00	58	13.8%	19.452	N	98.844	W	10	G			0.9	5	CENTRAL MEXICO
	23	01	44	44.0	33.785	S	71.915	W	39	D	5.1		1.0	87	NEAR COAST OF CENTRAL CHILE. Felt (III) at Valparaiso. Also felt at Santiago.
	23	01	53	21.9*	29.365	N	105.427	E	33	N	3.6		1.4	5	SICHUAN, CHINA. ML 3.9 (BJI).
	23	02	38	48.4?	36.81	N	20.23	E	33	N			1.2	10	CENTRAL MEDITERRANEAN SEA. ML 3.4 (TIR).
	23	02	46	31.8?	13.89	N	93.04	W	33	N	4.1		1.5	14	OFF COAST OF CHIAPAS, MEXICO
	23	03	27	38.2?	30.52	N	60.36	E	10	G	4.2		1.2	10	NORTHERN IRAN
	23	03	40	12.1*	41.745	N	19.417	E	10	G			0.5	6	ALBANIA. ML 2.1 (TIR).
	23	03	58	25.4&	34.956	N	116.790	W	2					16	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	23	04	19	32.7?	32.51	S	70.32	W	100	G			0.2	10	CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
	23	04	55	21.6%	44.876	N	7.367	E	10	G			0.3	11	NORTHERN ITALY. ML 2.2 (GEN).
	23	06	03	43.0?	19.87	S	177.66	W	346	?	4.7		1.1	11	FIJI ISLANDS REGION
	23	06	37	14.5*	14.003	N	124.510	E	41	*	4.6		1.2	29	LUZON, PHILIPPINE ISLANDS
	23	06	45	18.9&	38.788	N	122.771	W	2					9	NORTHERN CALIFORNIA. <GM-P>. MD 2.7 (GM).
	23	06	58	08.8&	36.290	N	120.354	W	14					35	CENTRAL CALIFORNIA. <GM-P>. MD 3.7 (GM). ML 3.8 (PAS), 3.7 (BRK), 3.7 (GS). Mo=4.0*10**14 Nm (BRK). Felt (IV) at Coalinga.
	23	07	45	09.1%	40.210	N	29.356	E	10	G			1.0	7	TURKEY. ML 2.6 (ISK).
	23	07	50	58.2	44.234	N	7.116	E	10	G			0.4	17	NORTHERN ITALY. ML 2.1 (GEN).
f	23	08	02	04.7	30.853	N	60.596	E	6	G	6.1	6.1	1.0	510	NORTHERN IRAN. Mw 6.0 (GS), 6.1 (HRV). Mo=5.0*10**18 Nm (PPT). Six people killed and many injured in the Sistan region. Depth from broadband displacement seismograms.
	23	08	34	44.5?	40.70	N	30.29	E	10	G			0.4	5	TURKEY. ML 2.6 (ISK).
	23	08	39	15.3%	41.360	N	29.257	E	10	G			0.4	7	TURKEY. ML 2.9 (ISK).
	23	08	59	06.8	40.517	N	21.913	E	5	G			0.6	7	GREECE. ML 2.0 (THE).
	23	09	00	22.1?	18.72	N	66.24	W	33	N			0.6	5	PUERTO RICO REGION
	23	09	10	20.7?	30.98	N	60.54	E	10	G	4.2		1.5	7	NORTHERN IRAN
	23	09	53	30.2&	61.040	N	146.529	W	15					46	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	23	10	05	42.0	40.225	N	29.320	E	10	G			0.4	8	TURKEY. ML 2.9 (ISK).
	23	11	00	09.7%	39.403	N	28.043	E	10	G			0.3	5	TURKEY. ML 2.7 (ISK).
	23	11	01	36.2?	39.51	S	174.46	E	212	*	4.7		1.4	20	NORTH ISLAND, NEW ZEALAND. Felt throughout much of North Island. Felt in northern South Island.
	23	11	09	02.9&	59.047	N	154.344	W	118					73	SOUTHERN ALASKA. <AEIC>.
	23	11	42	11.8%	26.366	S	27.463	E	10	G			1.2	5	REPUBLIC OF SOUTH AFRICA. ML 2.6 (PRE).
a	23	11	54	33.1	30.765	N	60.519	E	10	G	5.3	4.9	1.0	212	NORTHERN IRAN. Mw 5.5 (HRV).
	23	12	15	10.7&	62.868	N	151.098	W	108					66	CENTRAL ALASKA. <AEIC>.
	23	13	26	33.1	42.559	N	24.026	E	5	G			0.8	8	BULGARIA. ML 3.2 (THE).
	23	13	47	00.1*	4.450	S	144.455	E	150	?	4.6		0.8	6	NEAR N COAST OF NEW GUINEA, PNG.
a	23	14	13	49.4	18.050	N	97.182	W	73	D	5.6		0.9	328	CENTRAL MEXICO. Mw 5.8 (HRV).
	23	14	31	18.8*	49.156	N	6.874	E	10	G			1.0	5	GERMANY. ML 1.9 (UCC).
	23	14	45	22.1%	17.841	N	97.239	W	90	G			1.6	5	OAXACA, MEXICO
	23	14	53	42.1	6.186	S	130.079	E	33	N	5.0		1.1	48	BANDA SEA
a	23	18	00	29.2	17.454	S	174.287	W	33	N	5.6	5.0	1.0	212	TONGA ISLANDS. Mw 5.9 (HRV). Ms 4.8 (BRK). Mo=1.5*10**18 Nm (PPT).
	23	18	29	03.6%	44.532	N	7.274	E	10	G			0.4	5	NORTHERN ITALY. ML 1.7 (GEN).
	23	19	08	20.6%	26.883	S	26.686	E	5	G			1.1	5	REPUBLIC OF SOUTH AFRICA. ML 2.4 (PRE).
	23	19	17	06.3	3.414	S	145.446	E	15		5.1	4.6	1.1	19	NEAR N COAST OF NEW GUINEA, PNG.
	23	19	26	03.5	37.586	N	27.011	E	10	G			1.1	12	TURKEY. ML 3.7 (ISK), 3.8 (ATH).
	23	19	28	08.7	40.317	N	20.114	E	10	G			1.2	7	GREECE-ALBANIA BORDER REGION
	23	19	55	24.5	13.517	N	90.068	W	89		4.8		1.0	72	NEAR COAST OF GUATEMALA. Felt (II) at San Salvador, El Salvador.
	23	20	43	06.0%	32.709	S	70.293	W	100	G			0.3	10	CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
	23	22	45	17.6	30.767	N	60.480	E	10	G	5.4		0.9	229	NORTHERN IRAN. Felt in eastern Iran.
	23	23	15	33.6?	32.87	S	72.33	W	10	G			0.4	12	OFF COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	23	23	25	53.2%	45.019	N	6.601	E	5	G			0.2	5	FRANCE. ML 2.0 (GEN).
a	23	23	39	51.4	18.509	N	146.896	E	26	D	5.4	5.4	1.1	173	MARIANA ISLANDS. Mw 5.7 (HRV). Ms 5.4 (BRK).
	23	23	58	20.2	40.821	N	19.938	E	10	G			0.8	6	ALBANIA
f	24	00	11	12.3	30.775	N	60.495	E	10	G	6.1	6.1	0.9	479	NORTHERN IRAN. Mw 6.2 (GS), 6.3 (HRV). Ms 6.0 (BRK). Mo=1.1*10**19 Nm (PPT). Felt in eastern Iran. Depth from broadband displacement seismograms.
	24	00	45	00.8*	30.869	N	60.510	E	10	G	4.5		1.2	19	NORTHERN IRAN
	24	00	55	59.8?	30.00	N	61.20	E	33	N	3.9		0.4	5	SOUTHWESTERN PAKISTAN
	24	01	05	44.4%	37.205	N	3.719	W	5	G			0.4	10	SPAIN. mbLg 2.8 (MDD).
	24	01	09	11.0%	37.187	N	3.742	W	5	G			0.6	7	SPAIN. mbLg 2.5 (MDD).
	24	01	11	28.9?	37.19	N	3.74	W	5	G			1.2	4	SPAIN. mbLg 2.2 (MDD).
	24	01	36	53.0?	24.39	S	179.80	E	538	*			1.0	37	SOUTH OF FIJI ISLANDS
	24	01	54	54.2*	40.681	N	29.924	E	5	G			0.7	5	TURKEY. ML 2.6 (ISK).
	24	02	03	42.0	42.818	N	111.168	W	5	G			0.9	8	EASTERN IDAHO. ML 2.7 (GS).
	24	02	30	46.6?	38.57	N	20.36	E	10	G			0.6	8	GREECE
	24	02	54	24.0&	34.302	N	118.440	W	7					19	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.8 (GS).
	24	03	31	45.2?	36.52	N	2.81	W	5	G			0.8	6	STRAIT OF GIBRALTAR. mbLg 2.8 (MDD).
	24	03	54	57.7	57.557	N	143.018	W	10	G			0.7	64	GULF OF ALASKA. ML 3.6 (AEIC).
	24	03	55	19.7?	47.85	N	7.50	E	10	G			0.1	4	SWITZERLAND. ML 2.0 (LDG).
	24	05	12	56.2*	43.089	N	126.441	W	10	G			0.8	11	OFF COAST OF OREGON. ML 3.0 (GS).
	24	05	31	27.8&	63.440	N	149.111	W	99					63	CENTRAL ALASKA. <AEIC>.
	24	06	38	00.3&	60.452	N	147.752	W	15					58	SOUTHERN ALASKA. <AEIC>. ML 2.9 (AEIC).
	24	07	25	19.1	1.204	N	85.355	W	33	N	4.4		1.3	38	OFF COAST OF ECUADOR
	24	08	02	15.4	4.807	S	103.195	E	62		5.3		0.9	116	SOUTHERN SUMATERA, INDONESIA
	24	08	08	40.7	42.814	N	111.079	W	5	G			0.8	7	EASTERN IDAHO. ML 2.7 (GS).
	24	08	27	07.1?	43.83	N	148.32	E	98	?	3.8		1.4	8	EAST OF KURIL ISLANDS
	24	10	06	31.2?	39.63	N	30.04	E	5	G			0.3	4	TURKEY. ML 2.7 (ISK).
	24	10	09	22.5	36.488	N	70.014	E	193	D	4.8		0.9	135	HINDU KUSH REGION, AFGHANISTAN
	24	10	25	20.4%	40.219	N	23.937	E	5	G			0.4	5	GREECE. ML 2.0 (THE).
	24	10	37	16.2&	60.670	N	151.240	W	54					74	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.0 (AEIC), 2.9 (PMR).

	24	11 17 38.3	40.440	N	27.908	E	10	G			0.4	9	TURKEY. ML 3.2 (ISK).
	24	11 22 27.0	10.007	N	62.467	W	57		4.1		0.9	24	NEAR COAST OF VENEZUELA. MD 4.3 (TRN).
	24	11 31 43.3?	20.14	S	167.90	E	33	N	4.2		1.3	10	LOYALTY ISLANDS
	24	11 45 01.4?	20.27	S	168.12	E	33	N	3.8		1.4	6	LOYALTY ISLANDS
	24	11 48 30.1?	31.02	S	69.34	W	180	G			0.3	10	SAN JUAN PROVINCE, ARGENTINA. MD 4.2 (SAN).
	24	12 16 42.2?	18.72	S	175.87	E	33	N	4.6		0.4	6	FIJI ISLANDS REGION
	24	12 49 52.4?	38.71	N	27.36	E	10	G			0.1	4	TURKEY. ML 3.1 (ISK).
	24	13 01 03.8*	51.370	N	15.782	E	10	G			0.7	12	POLAND. ML 3.3 (VIE), 3.2 (GRF), 2.7 (CLL).
	24	13 13 25.9?	39.65	N	29.52	E	5	G			0.2	4	TURKEY. ML 2.5 (ISK).
	24	13 48 27.3*	39.022	N	20.985	E	5	G			0.9	14	GREECE-ALBANIA BORDER REGION. ML 3.1 (THE), 2.9 (TIR).
	24	13 49 21.3%	39.630	N	29.459	E	10	G			1.0	5	TURKEY. ML 2.7 (ISK).
	24	14 01 11.6	39.993	N	23.306	E	5	G			0.2	7	AEGEAN SEA. ML 2.3 (THE).
	24	14 02 08.9*	41.259	N	29.258	E	10	G			0.5	6	TURKEY. ML 2.8 (ISK).
	24	14 34 27.2?	39.65	N	29.53	E	10	G			1.0	4	TURKEY. ML 2.6 (ISK).
	24	14 51 38.7&	36.287	N	120.349	W	13					14	CENTRAL CALIFORNIA. <GM-P>. MD 2.6 (GM). ML 2.7 (PAS), 2.6 (GS).
	24	15 00 20.5*	8.358	N	75.308	W	48	*	4.6		1.3	21	NORTHERN COLOMBIA. MD 4.6 (UPA).
a	24	15 25 35.8	17.421	S	174.287	W	124	D	5.7		1.0	343	TONGA ISLANDS. Mw 6.1 (HRV). Mo=3.2*10**18 Nm (PPT).
	24	15 47 37.5*	15.895	S	167.977	E	215	*	4.5		1.0	10	VANUATU ISLANDS
	24	15 54 03.1%	44.407	N	8.292	E	5	G			0.2	8	NORTHERN ITALY. ML 2.1 (GEN).
	24	16 01 32.7?	32.05	S	70.25	W	130	G			0.3	10	CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
	24	16 07 33.3?	34.01	S	70.39	W	114	?			0.1	10	CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
	24	16 23 06.5%	38.617	N	27.393	E	10	G			0.3	6	TURKEY. ML 3.2 (ISK).
	24	17 24 43.7*	43.130	N	94.054	E	33	N	4.2		1.0	10	NORTHERN XINJIANG, CHINA. ML 4.2 (BJI).
	24	18 05 06.4	44.864	N	9.756	E	5	G			0.9	40	NORTHERN ITALY. ML 3.0 (LDG), 2.9 (GEN), 2.8 (STR).
	24	18 48 30.0?	40.22	N	29.51	E	10	G			0.9	4	TURKEY. ML 2.4 (ISK).
	24	18 57 23.5?	32.24	S	71.63	W	26				0.4	10	NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	24	20 01 27.1*	5.357	N	82.915	W	10	G	4.1		1.4	8	SOUTH OF PANAMA. MD 4.4 (UPA).
	24	20 42 39.9?	32.55	S	71.59	W	21				0.5	10	NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	24	20 51 31.9	30.924	N	60.446	E	10	G	4.7	4.4	1.1	63	NORTHERN IRAN
	24	21 52 14.6?	38.48	N	27.59	E	10	G			0.1	4	TURKEY. ML 3.0 (ISK).
	24	22 32 25.6?	39.97	N	40.57	E	10	G			0.2	4	TURKEY. ML 4.1 (ISK).
a	25	00 40 29.3	17.420	S	174.271	W	121	D	5.6		0.9	394	TONGA ISLANDS. Mw 5.7 (HRV). Mo=7.1*10**17 Nm (PPT).
	25	01 34 40.6	39.277	N	20.942	E	53		4.2		1.2	64	GREECE-ALBANIA BORDER REGION. MD 3.9 (ATH).
a	25	02 30 51.5	38.854	N	20.532	E	36		5.3	5.1	1.2	314	GREECE. Mw 5.4 (HRV). ML 5.3 (ATH), 5.2 (TIR), 5.1 (THE). Slight damage and landslides on Levkas. Felt in many parts of northwestern Greece.
	25	03 38 51.0?	43.86	N	149.13	E	33	N	3.1		1.2	6	EAST OF KURIL ISLANDS
	25	03 39 37.2&	63.281	N	151.120	W	12					57	CENTRAL ALASKA. <AEIC>. ML 2.8 (AEIC), 3.0 (PMR).
	25	07 42 17.2	31.720	N	104.691	E	33	N	4.7		1.3	29	SICHUAN, CHINA. ML 4.8 (BJI).
	25	07 59 17.5	26.822	S	26.625	E	5	G			1.2	10	REPUBLIC OF SOUTH AFRICA. ML 3.2 (PRE). mbLg 3.1 (BUL).
	25	08 27 35.7?	33.10	S	68.91	W	10	G			0.5	10	MENDOZA PROVINCE, ARGENTINA. MD 4.0 (SAN).
	25	11 16 58.5?	44.92	N	5.80	E	10	G			1.1	7	FRANCE. ML 2.5 (LDG).
	25	12 14 08.2&	61.518	N	152.104	W	120					42	SOUTHERN ALASKA. <AEIC>.
	25	12 23 49.7	26.398	S	27.494	E	10	G			1.3	8	REPUBLIC OF SOUTH AFRICA. ML 2.6 (PRE).
	25	12 47 07.8	42.716	N	111.069	W	5	G			0.6	12	EASTERN IDAHO. ML 2.8 (GS).
	25	12 59 12.5&	34.357	N	118.480	W	1					50	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.1 (PAS), 4.0 (GS). Felt (V) at Chatsworth; (IV) at Burbank, Canyon Country, Glendale, Northridge, Reseda, Sunland and Sun Valley; (III) at Montrose and Thousand Oaks.
	25	13 11 43.0&	34.358	N	118.480	W	1					24	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.2 (GS). Felt.
	25	13 53 34.3	44.489	N	114.799	W	5	G			0.5	45	WESTERN IDAHO. ML 3.8 (GS), 3.8 (BUT).
	25	13 56 13.7&	34.322	N	118.422	W	3					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.7 (PAS), 3.4 (GS). Felt.
	25	14 03 31.8	18.475	N	146.857	E	60	*	4.7	4.1	1.0	47	MARIANA ISLANDS
	25	14 33 49.7	41.157	N	142.754	E	44		4.8		1.0	87	HOKKAIDO, JAPAN REGION
	25	15 22 05.1&	60.079	N	153.192	W	123					42	SOUTHERN ALASKA. <AEIC>.
	25	15 33 12.1*	39.123	N	30.357	E	10	G			0.5	9	TURKEY. ML 2.9 (ISK).
	25	15 43 48.5%	40.213	N	23.029	E	10	G			0.7	6	GREECE. ML 1.9 (THE).
	25	16 03 07.2	43.573	N	16.515	E	35	*	4.3		1.2	90	NORTHWESTERN BALKAN REGION. ML 4.5 (ZAG), 4.4 (VIE). MD 4.5 (FIR), 4.5 (TRI). Some minor damage (VI) in the Sinj area, Croatia.
	25	16 13 17.7	19.248	N	64.234	W	33	N	4.3		1.0	19	VIRGIN ISLANDS
	25	17 13 10.7*	16.814	S	177.449	W	33	N	4.5		1.1	23	FIJI ISLANDS REGION
	25	17 34 20.7	19.252	N	64.332	W	33		4.9	4.6	1.1	97	VIRGIN ISLANDS. Felt on Tortola and St. Thomas. Also felt at San Juan, Puerto Rico.
	25	19 16 02.7*	31.151	N	114.506	W	10	G	3.6		1.1	16	GULF OF CALIFORNIA. ML 4.1 (GS). Felt at Golfo de Santa Clara, Sonora, Mexico.
	25	19 52 44.0%	44.775	N	6.552	E	10	G			0.3	7	FRANCE. ML 2.2 (GEN).
	25	20 22 18.4&	59.757	N	153.641	W	125					53	SOUTHERN ALASKA. <AEIC>.
	25	20 26 16.2%	47.250	N	5.391	E	10	G			0.4	7	FRANCE. ML 2.4 (LDG).
	25	21 13 38.6&	59.396	N	152.368	W	90					41	SOUTHERN ALASKA. <AEIC>.
	25	21 16 22.6&	34.322	N	118.432	W	7					19	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.8 (GS).
	25	22 25 38.8*	36.097	N	26.139	E	149	?	2.9		0.7	11	DODECANESE ISLANDS
	25	23 28 51.7	46.470	N	13.540	E	10	G			0.9	7	AUSTRIA. ML 1.8 (VIE).
	25	23 48 37.5	15.687	N	147.560	E	33	N	4.5		0.9	20	MARIANA ISLANDS REGION
	26	00 33 29.4&	63.257	N	151.190	W	7					45	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC), 2.9 (PMR).
	26	01 15 39.4?	36.75	N	2.08	W	10	G			1.4	4	STRAIT OF GIBRALTAR. mbLg 2.5 (MDD).
	26	01 15 58.4	35.821	N	137.557	E	10	G			1.0	11	EASTERN HONSHU, JAPAN
f	26	02 31 11.0	30.897	N	60.549	E	9	G	5.8	6.0	1.2	391	NORTHERN IRAN. Mw 5.9 (GS), 6.1 (HRV). About 100 houses damaged in the Sistan region. Two events about 2.6 seconds apart. Depth from broadband displacement seismograms, based on second event.
	26	03 43 26.1?	31.83	S	70.88	W	100	G			0.6	12	CHILE-ARGENTINA BORDER REGION. MD 4.2 (SAN).
	26	05 29 10.1	44.179	N	129.286	W	10	G	4.1		1.0	102	OFF COAST OF OREGON
	26	06 11 50.4&	61.944	N	137.962	W	0					5	SOUTHERN YUKON TERRITORY, CANADA. <AEIC>. ML 2.5 (AEIC).
	26	07 07 17.2	44.200	N	129.333	W	10	G	3.6		0.9	69	OFF COAST OF OREGON
	26	07 25 12.2	36.570	N	2.843	W	5	G			0.8	17	STRAIT OF GIBRALTAR. mbLg 3.5 (MDD). Felt (III) in the Adra area, Spain.
	26	08 51 58.2%	43.098	N	0.438	W	10	G			0.4	6	PYRENEES. ML 1.0 (STR).
	26	09 43 25.6?	16.75	S	179.03	W	525	*	4.2		0.9	25	FIJI ISLANDS REGION

	26	10	15	27.2&	60.247	N	152.119	W	87				56	SOUTHERN ALASKA. <AEIC>.
	26	11	10	04.8*	49.191	N	6.981	E	10	G		1.0	6	GERMANY. ML 2.0 (UCC).
	26	11	37	53.6%	39.794	N	33.181	E	5	G		0.3	8	TURKEY. ML 3.7 (ISK). Felt at Ankara.
	26	11	42	52.8%	28.049	S	26.739	E	5	G		1.0	6	REPUBLIC OF SOUTH AFRICA. ML 2.6 (PRE).
	26	11	52	56.1	6.770	N	73.058	W	159	D	4.9	1.0	146	NORTHERN COLOMBIA. Felt in Santander and Norte de Santander Departments and along the Colombia-Venezuela border.
	26	12	08	09.5%	47.052	N	5.393	E	10	G		1.3	6	FRANCE. ML 1.9 (LDG).
	26	12	18	22.5%	40.880	N	23.053	E	10	G		0.3	5	GREECE. ML 2.1 (THE).
	26	13	03	51.4&	34.333	N	118.733	W	14				41	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.8 (GS).
	26	13	35	13.8	39.966	N	75.074	E	10	G	4.3 4.3	1.1	25	SOUTHERN XINJIANG, CHINA
	26	14	09	54.2*	45.958	N	12.096	E	10	G		0.3	6	NORTHERN ITALY. ML 2.1 (VIE).
	26	15	16	40.5&	59.883	N	152.679	W	96				50	SOUTHERN ALASKA. <AEIC>
a	26	17	45	50.3	17.646	S	167.779	E	28	D	5.3 5.2	1.2	141	VANUATU ISLANDS. Mw 5.4 (HRV).
	26	18	02	28.9*	30.825	N	60.376	E	10	G	4.5	1.5	31	NORTHERN IRAN
	26	18	13	03.1?	18.94	N	65.70	W	10	G		0.2	5	PUERTO RICO REGION
	26	18	22	26.8*	20.811	S	168.478	E	31	D	5.0	1.1	51	LOYALTY ISLANDS
	26	18	40	01.6*	17.401	S	167.373	E	33	N	4.3	1.4	13	VANUATU ISLANDS
	26	20	08	36.3?	24.74	N	125.19	E	33	N	4.0	1.3	9	SOUTHWESTERN RYUKYU ISLANDS
	26	20	39	10.7	51.548	N	16.067	E	10	G	4.5	1.0	56	POLAND. ML 4.7 (GRF), 4.5 (VIE), 4.4 (FUR).
	26	21	18	41.1*	11.284	N	88.879	W	10	G		0.9	16	OFF COAST OF CENTRAL AMERICA. MD 4.4 (GCG).
	26	21	42	59.0	43.185	N	0.370	W	14			1.0	27	PYRENEES. ML 3.5 (LDG). MD 3.4 (BTH). mbLg 3.2 (MDD).
	26	21	53	42.4	44.556	N	7.335	E	5	G		0.5	13	NORTHERN ITALY. ML 2.3 (GEN), 1.9 (LDG).
	26	23	34	04.2*	51.641	N	151.427	E	509	?	4.0	0.9	23	SEA OF OKHOTSK
	27	00	46	26.6*	39.097	N	28.673	E	5	G		0.5	6	TURKEY. ML 2.8 (ISK).
	27	01	06	29.2&	61.680	N	150.762	W	52				50	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
	27	01	32	11.2*	24.899	N	122.158	E	10	G	4.5	1.1	8	TAIWAN REGION
	27	02	05	02.5?	33.13	S	72.00	W	24			0.4	11	OFF COAST OF CENTRAL CHILE. MD 4.1 (SAN).
	27	02	55	07.0*	30.849	N	131.604	E	33	*	4.4 4.5	1.1	34	KYUSHU, JAPAN
	27	02	56	27.6	30.947	N	131.380	E	47	D	4.8 4.6	1.1	61	KYUSHU, JAPAN
	27	03	33	43.4	30.858	N	131.452	E	41	D	4.9 4.8	0.9	110	KYUSHU, JAPAN
	27	03	47	02.3*	30.680	N	131.652	E	34	?	3.9	1.3	11	KYUSHU, JAPAN
	27	04	03	19.6&	60.792	N	149.657	W	38				50	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.6 (AEIC).
	27	04	06	57.6?	16.03	N	98.16	W	57	?	3.4	1.2	9	NEAR COAST OF GUERRERO, MEXICO
	27	05	10	43.9%	44.343	N	7.250	E	5	G		0.2	5	NORTHERN ITALY. ML 1.9 (GEN).
	27	05	16	50.7&	59.648	N	152.619	W	75				77	SOUTHERN ALASKA. <AEIC>.
	27	05	51	39.1%	37.274	N	4.140	W	10	G		1.0	7	SPAIN. mbLg 2.6 (MDD).
	27	05	56	34.0?	38.11	N	1.21	W	10	G		0.5	5	SPAIN. mbLg 2.8 (MDD). Felt (III) in the Archena area.
	27	05	58	43.1	38.730	N	112.587	W	5	G		0.7	11	UTAH. ML 2.6 (GS).
	27	07	02	50.6	46.409	N	13.308	E	5	G		0.9	12	AUSTRIA. ML 2.4 (VIE), 2.0 (LJU). MD 2.4 (TRI).
	27	07	47	10.2&	34.940	N	116.958	W	1				35	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
a	27	09	04	27.9	30.832	N	131.427	E	40	D	4.9 5.0	1.2	91	KYUSHU, JAPAN. Mw 5.2 (HRV).
	27	09	20	00.8?	10.39	S	165.95	E	146	?	4.3	0.7	8	SANTA CRUZ ISLANDS
	27	10	59	53.5	6.862	S	129.087	E	58	*	4.9	1.2	45	BANDA SEA
	27	11	28	22.9%	45.063	N	7.286	E	13	*		0.1	9	NORTHERN ITALY. ML 2.5 (GEN).
	27	12	01	59.7&	34.142	N	116.432	W	4				16	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS), 2.7 (GS).
	27	12	03	24.7	38.718	N	27.430	E	5	G		1.0	9	TURKEY. MD 3.5 (ATH). ML 3.4 (ISK).
	27	12	11	47.0&	63.340	N	151.587	W	38				49	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC), 3.0 (PMR).
	27	12	26	25.0	46.732	N	12.557	E	10	G		0.4	7	NORTHERN ITALY. ML 1.9 (VIE).
	27	12	28	51.5&	63.260	N	151.106	W	5				57	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC), 3.0 (PMR).
	27	12	32	41.1?	38.67	N	27.43	E	5	G		0.5	4	TURKEY
	27	14	07	25.8%	40.311	N	23.954	E	10	G		0.4	5	GREECE
	27	14	35	52.5*	38.665	N	20.515	E	10	G		1.3	10	GREECE. ML 2.8 (THE). MD 3.0 (ATH).
	27	16	39	01.0%	38.725	N	27.093	E	10	G		0.5	6	TURKEY. ML 3.1 (ISK).
	27	16	59	09.0%	38.765	N	27.236	E	5	G		0.4	5	TURKEY. ML 3.1 (ISK).
	27	17	15	31.5?	34.61	S	71.41	W	60	G		0.6	9	NEAR COAST OF CENTRAL CHILE. MD 3.5 (SAN).
	27	17	17	10.1*	4.613	S	11.663	W	10	G	4.8	0.8	38	NORTH OF ASCENSION ISLAND
	27	17	24	43.8&	38.812	N	122.810	W	4				32	NORTHERN CALIFORNIA. <GM-P>. MD 3.0 (GM). ML 2.9 (GS).
	27	17	41	20.8&	37.300	N	121.673	W	7				35	CENTRAL CALIFORNIA. <GM-P>. MD 2.9 (GM). ML 3.0 (GS), 3.0 (BRK).
	27	18	52	31.8*	38.344	N	20.112	E	10	G	3.5	0.7	14	GREECE. ML 3.0 (THE).
	27	19	08	48.1*	15.647	N	147.594	E	34	*	4.6	0.6	24	MARIANA ISLANDS REGION
	27	19	28	59.5	45.754	N	26.753	E	130		3.8	0.9	46	ROMANIA
	27	21	11	11.6*	30.620	N	60.278	E	10	G	4.3	1.0	11	NORTHERN IRAN
	27	21	35	49.7?	30.10	N	130.02	E	10	G		1.1	4	KYUSHU, JAPAN
	27	21	45	41.2%	47.325	N	5.305	E	10	G		0.5	6	FRANCE. ML 1.6 (LDG).
	27	22	19	52.1	20.130	S	168.539	E	33	N	4.6 4.4	0.9	24	LOYALTY ISLANDS
	27	22	34	52.5	38.788	N	20.344	E	10	G	4.1	0.9	71	GREECE. ML 4.3 (ATH), 4.3 (THE), 4.2 (TIR). Felt on Levkas.
	28	00	35	42.4&	61.185	N	150.712	W	48				74	SOUTHERN ALASKA. <AEIC>. ML 2.9 (AEIC), 3.0 (PMR).
	28	03	13	30.3&	58.211	N	151.663	W	1				42	KODIAK ISLAND REGION. <AEIC>. ML 2.9 (AEIC).
	28	04	41	28.8?	21.89	S	113.88	W	10	G	4.3	1.1	9	SOUTHERN EAST PACIFIC RISE
	28	04	42	13.2?	21.37	S	113.44	W	10	G	5.0 4.9	0.9	29	SOUTHERN EAST PACIFIC RISE
	28	04	52	59.8?	25.72	N	110.42	W	10	G	3.9	1.1	10	GULF OF CALIFORNIA
	28	04	55	11.8	5.081	N	75.837	W	113		3.6	0.9	31	COLOMBIA. Felt at Cali.
	28	05	16	19.3	19.196	N	121.078	E	29	D	4.7 4.5	1.3	55	PHILIPPINE ISLANDS REGION
	28	05	21	40.4?	45.29	N	3.12	E	10	G		0.6	4	FRANCE. ML 1.7 (LDG).
	28	05	22	19.6%	26.417	S	27.430	E	5	G		1.1	6	REPUBLIC OF SOUTH AFRICA. ML 2.7 (PRE).
	28	05	40	07.6&	34.203	N	116.436	W	4				38	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.4 (GS). Felt.
	28	06	00	25.9	20.580	S	168.985	E	56	?	4.8 4.3	1.3	20	LOYALTY ISLANDS
	28	06	49	13.2	26.345	S	27.196	E	5	G		1.1	11	REPUBLIC OF SOUTH AFRICA. mbLg 3.2 (BUL).
	28	07	07	29.5%	44.905	N	7.236	E	10	G		0.3	5	NORTHERN ITALY. ML 1.9 (GEN).
	28	08	08	46.9&	63.295	N	151.646	W	34				37	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
	28	09	15	19.0	38.774	N	20.561	E	5	G		1.1	17	GREECE. ML 3.8 (ATH), 3.5 (THE), 3.2 (TIR).
	28	10	13	53.3?	30.52	N	60.30	E	10	G	4.0	1.4	9	NORTHERN IRAN
	28	10	39	37.9	40.796	N	20.639	E	10	G		1.3	8	GREECE-ALBANIA BORDER REGION. ML 2.5 (SKO).
	28	10	41	12.1	40.601	N	20.690	E	10	G		1.2	6	GREECE-ALBANIA BORDER REGION. ML 2.9 (SKO).
a	28	11	13	54.2	30.805	N	60.562	E	10	G	5.5 5.5	1.0	285	NORTHERN IRAN. Mw 5.6 (HRV). Felt in the Sefidabeh area.
	28	11	27	39.8	40.746	N	20.853	E	5	G		1.2	6	GREECE-ALBANIA BORDER REGION. ML 2.2 (SKO).
	28	12	30	05.6&	60.026	N	152.697	W	96		2.8		64	SOUTHERN ALASKA. <AEIC>.
	28	12	59	04.2	40.652	N	20.734	E	10	G		0.9	13	GREECE-ALBANIA BORDER REGION. ML 3.1 (THE), 2.9 (SKO),

													2.7 (TIR).
	28	13	35	29.2?	16.80	S	72.40	W	87	*		0.7	7 NEAR COAST OF PERU. Felt (III) at Arequipa.
	28	13	40	08.3	5.095	N	75.986	W	112		4.2	1.0	27 COLOMBIA. Felt in Caldas and Valle Departments.
	28	15	35	07.6?	47.72	N	8.62	E	10	G		0.3	5 SWITZERLAND. ML 2.6 (LDG).
	28	16	01	38.3	35.862	N	21.862	E	50		4.5	1.2	95 CENTRAL MEDITERRANEAN SEA. MD 4.3 (ATH).
	28	18	29	49.1&	37.830	N	89.380	W	5	G			10 CAPE GIRARDEAU, MISSOURI REGION. <SLM-P>. MD 3.0 (SLM). mbLg 2.6 (GS). Felt (V) at Carbondale and (IV) at Cambria, Illinois. Also felt at Murphysboro, Illinois.
	28	18	35	14.1%	39.488	N	20.998	E	10	G		1.0	6 GREECE-ALBANIA BORDER REGION. ML 2.4 (THE).
	28	18	39	06.2?	14.57	S	25.64	E	10	G		1.2	4 ZAMBIA
	28	20	58	34.8*	14.470	N	91.895	W	134	*	4.9	1.3	19 GUATEMALA
	28	21	39	19.7*	44.610	N	129.669	W	10	G	3.3	0.5	17 OFF COAST OF OREGON
	28	21	45	43.4	44.799	N	130.270	W	10	G	4.0	1.1	45 OFF COAST OF OREGON
	28	21	46	48.3?	45.09	N	130.17	W	10	G	4.2	0.8	8 OFF COAST OF OREGON
	28	21	49	08.0?	44.94	N	130.29	W	10	G	4.2	1.2	23 OFF COAST OF OREGON
	28	21	51	39.5	44.702	N	129.893	W	10	G	5.0 5.4	1.1	121 OFF COAST OF OREGON
a	28	21	52	55.9	44.636	N	129.940	W	10	G	4.9 5.2	1.3	72 OFF COAST OF OREGON. Mw 5.6 (HRV).
	28	22	24	35.9	44.644	N	129.854	W	10	G	4.5	0.9	88 OFF COAST OF OREGON
	28	22	55	49.1*	9.238	S	108.052	E	33	N	4.6 4.6	1.1	18 SOUTH OF JAWA, INDONESIA
	28	23	04	22.9?	38.58	N	20.45	E	5	G		1.0	11 GREECE. ML 2.8 (THE).

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 10 01 54.59 19.244N 155.288W 33km
5.3mb (66 obs.) 5.1Msz (14 obs.)
HAWAII
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 30S, 44C
Centroid Location:
Origin Time 10:01:59.0 0.6
Lat 19.24N 0.08 Lon 155.16W 0.06
Dep 25.5 3.2 Half-duration 1.6
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	2.33	52	325
N	0.06	7	226
P	-2.39	37	131

Best Double Couple:Mo=2.4*10**17
NP1:Strike=186 Dip=10 Slip= 49
NP2: 47 82 97

01 22 14 23.34 11.315S 163.863E 38km
5.5mb (68 obs.) 5.5Msz (40 obs.)
SOLOMON ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 82S, **C
Centroid Location:
Origin Time 22:14:27.4 0.2
Lat 11.15S 0.02 Lon 164.13E 0.02
Dep 15.0 BDY Half-duration 2.7
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	15.69	14	129
N	-3.72	14	223
P	-11.97	70	357

Best Double Couple:Mo=1.4*10**18
NP1:Strike=200 Dip=34 Slip=-117
NP2: 51 60 -73

02 01 09 58.35 10.199S 161.167E 88km
5.1mb (42 obs.)
SOLOMON ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 14C
Centroid Location:
Origin Time 01:10: 0.6 0.9
Lat 10.28S 0.09 Lon 161.20E 0.10
Dep 85.0 5.1 Half-duration 1.1
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.88	0	193
N	-0.31	90	13
P	-1.58	0	103

Best Double Couple:Mo=1.7*10**17
NP1:Strike=238 Dip=90 Slip= 180
NP2: 328 90 0

03 09 05 04.20 42.762N 110.976W 8km
5.4mb (87 obs.) 5.5Msz (25 obs.)
WYOMING
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 4 Dip=51 Slip= -90
NP2: 184 39 -90
Principal Axes:

	Plg=	Azm=
T	6	94
P	84	274

Comment: The focal mechanism is poorly controlled and corresponds to normal faulting. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 3 Focal mech. F
Energy 2.6±1.0*10**12 Nm
MOMENT TENSOR SOLUTION
Dep 10 No. of sta: 5
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	2.74	6	296
N	0.23	17	204
P	-2.97	72	44

Best Double Couple:Mo=2.9*10**17
NP1:Strike= 45 Dip=42 Slip= -63
NP2: 191 53 -112
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 38S, 79C
Centroid Location:
Origin Time 09:05:10.7 0.2
Lat 42.68N 0.02 Lon 110.94W 0.02
Dep 15.0 BDY Half-duration 2.0
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	5.66	5	266
N	-0.17	7	176
P	-5.50	81	33

Best Double Couple:Mo=5.6*10**17
NP1:Strike= 4 Dip=40 Slip= -79
NP2: 170 51 -99

03 10 23 30.76 15.413S 166.961E 23km
5.6mb (49 obs.) 5.2Msz (12 obs.)
VANUATU ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 27S, 47C
Centroid Location:
Origin Time 10:23:34.4 0.8
Lat 15.38S 0.07 Lon 167.13E 0.09
Dep 42.8 3.8 Half-duration 1.4
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	2.26	22	153
N	-0.11	41	43
P	-2.15	41	264

Best Double Couple:Mo=2.2*10**17
NP1:Strike=290 Dip=43 Slip= -17
NP2: 33 79 -132

03 15 43 43.82 41.886S 84.490E 10km
5.4mb (29 obs.) 5.4Msz (10 obs.)
SOUTHEAST INDIAN RIDGE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 28S, 58C
Centroid Location:
Origin Time 15:43:56.1 0.2
Lat 41.57S 0.04 Lon 85.14E 0.04
Dep 15.0 BDY Half-duration 1.8
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	2.21	76	132
N	0.31	3	28
P	-2.52	13	298

Best Double Couple:Mo=2.4*10**17
NP1:Strike= 23 Dip=32 Slip= 84
NP2: 211 58 94

04 18 48 51.12 21.695S 174.153W 33km
5.2mb (24 obs.) 5.1Msz (10 obs.)
TONGA ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 19S, 36C
Centroid Location:
Origin Time 18:49: 1.2 0.7
Lat 21.31S FIX;Lon 174.82W FIX
Dep 15.0 FIX Half-duration 1.2
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	2.40	51	310
N	-0.01	5	214
P	-2.39	39	121

Best Double Couple:Mo=2.4*10**17
NP1:Strike=176 Dip= 8 Slip= 52
NP2: 35 84 95

05 23 34 09.97 0.593N 30.037E 14km
5.8mb (112 obs.) 6.0Msz (56 obs.)
UGANDA
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=325 Dip=72 Slip= -90
NP2: 145 18 -90
Principal Axes:

	Plg=	Azm=
T	27	55
P	63	235

Comment: The focal mechanism is poorly controlled and corresponds to normal faulting. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 15 Focal mech. F
Energy 6.9±1.5*10**12 Nm
MOMENT TENSOR SOLUTION
Dep 14 No. of sta: 13
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	1.95	15	35
N	0.01	20	131
P	-1.96	64	270

Best Double Couple:Mo=2.0*10**18
NP1:Strike= 99 Dip=34 Slip=-127
NP2: 322 63 -68
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 51S, **C M.W.: 37S, 51C
Centroid Location:
Origin Time 23:34:14.1 0.1
Lat 0.50N 0.01 Lon 29.85E 0.01
Dep 15.0 BDY Half-duration 2.8
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	2.03	23	88
N	0.17	13	352
P	-2.21	63	235

Best Double Couple:Mo=2.1*10**18
NP1:Strike=203 Dip=25 Slip= -57
NP2: 347 69 -104

06 05 55 08.27 51.914N 170.212W 33km
5.1mb (77 obs.) 4.9Msz (22 obs.)
FOX ISLANDS, ALEUTIAN ISLANDS
CENTROID, MOMENT TENSOR (HRV)

Data Used: GDSN
L.P.B.: 19S, 28C
Centroid Location:
Origin Time 05:55:11.9 0.7
Lat 51.89N 0.06 Lon 170.16W 0.13
Dep 15.0 FIX Half-duration 1.2
Principal Axes:
Scale 10**16 Nm
T Val= 10.44 Plg=63 Azm=341
N 0.75 2 75
P -11.19 26 166
Best Double Couple:Mo=1.1*10**17
NP1:Strike=261 Dip=19 Slip= 96
NP2: 74 71 88

08 03 27 54.90 66.512N 19.220W 10km
5.3mb (100 obs.) 5.3Msz (42 obs.)
ICELAND REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 32S, 55C
Centroid Location:
Origin Time 03:27:59.4 0.3
Lat 66.30N 0.04 Lon 19.22W 0.08
Dep 15.0 BDY Half-duration 1.6
Principal Axes:
Scale 10**17 Nm
T Val= 2.30 Plg= 8 Azm= 67
N 0.00 63 320
P -2.31 25 161
Best Double Couple:Mo=2.3*10**17
NP1:Strike=201 Dip=66 Slip= -12
NP2: 297 79 -156

08 21 56 16.40 4.241S 140.644E 75km
5.1mb (31 obs.)
IRIAN JAYA, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 45S, 82C
Centroid Location:
Origin Time 21:56:23.3 0.3
Lat 4.12S 0.03 Lon 140.61E 0.03
Dep 101.5 1.2 Half-duration 1.6
Principal Axes:
Scale 10**17 Nm
T Val= 3.21 Plg= 3 Azm=134
N -0.16 54 228
P -3.05 36 41
Best Double Couple:Mo=3.1*10**17
NP1:Strike=183 Dip=63 Slip=-155
NP2: 82 68 -29

09 19 27 08.82 21.126S 174.091W 26km
5.7mb (51 obs.) 5.2Msz (20 obs.)
TONGA ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 35S, 64C
Centroid Location:
Origin Time 19:27:13.2 0.4
Lat 21.19S 0.04 Lon 173.50W 0.03
Dep 21.4 1.8 Half-duration 1.4
Principal Axes:
Scale 10**17 Nm
T Val= 1.60 Plg=72 Azm=317
N 0.23 7 205
P -1.84 16 113
Best Double Couple:Mo=1.7*10**17
NP1:Strike=192 Dip=29 Slip= 76
NP2: 29 62 98

11 00 48 42.95 18.426S 70.885W 36km
5.2mb (46 obs.) 5.1Msz (3 obs.)
NEAR COAST OF NORTHERN CHILE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 26S, 40C
Centroid Location:
Origin Time 00:48:49.0 0.3
Lat 18.96S 0.05 Lon 71.30W 0.05
Dep 35.1 3.0 Half-duration 1.5
Principal Axes:
Scale 10**17 Nm
T Val= 1.67 Plg=64 Azm=125
N -0.04 25 319
P -1.63 6 226
Best Double Couple:Mo=1.6*10**17
NP1:Strike=291 Dip=45 Slip= 53
NP2: 158 56 121

11 21 17 31.12 18.773S 169.169E 206km
6.4mb (106 obs.)
VANUATU ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=152 Dip=70 Slip= 75
NP2: 10 25 125
Principal Axes:
T Plg=62 Azm= 39
P 24 254
Comment: The focal mechanism is moderately well controlled and corresponds to reverse faulting with a small left-lateral strike-slip component. The preferred fault plane is NP2.
RADIATED ENERGY
No. of sta: 26 Focal mech. F
Energy 2.4±0.3*10**14 Nm
MOMENT TENSOR SOLUTION
Dep 219 No. of sta: 14
Principal Axes:
Scale 10**19 Nm
T Val= 2.70 Plg=53 Azm= 32
N 0.27 35 188
P -2.96 12 286
Best Double Couple:Mo=2.8*10**19
NP1:Strike= 52 Dip=45 Slip= 143
NP2: 170 65 51
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 51S, **C M.W.: 54S, **C
Centroid Location:
Origin Time 21:17:39.8 0.1
Lat 18.89S 0.01 Lon 169.08E 0.01
Dep 223.3 0.3 Half-duration 6.5
Principal Axes:
Scale 10**19 Nm
T Val= 2.23 Plg=59 Azm= 39
N -0.20 25 179
P -2.02 18 278
Best Double Couple:Mo=2.1*10**19
NP1:Strike= 41 Dip=35 Slip= 138
NP2: 168 67 63

12 04 16 26.89 10.786S 128.798W 15km
6.3mb (84 obs.) 6.6Msz (55 obs.)
SOUTH PACIFIC OCEAN
RADIATED ENERGY
No. of sta: 34 Focal mech. M
Energy 7.8±0.6*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 11 No. of sta: 34
Principal Axes:
Scale 10**18 Nm
T Val= 9.93 Plg=18 Azm=161
N 0.04 12 67
P -9.97 69 305
Best Double Couple:Mo=1.0*10**18
NP1:Strike=269 Dip=29 Slip= -65
NP2: 61 64 -103
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 55S, **C M.W.: 52S, 99C
Centroid Location:
Origin Time 04:16:34.0 0.1
Lat 10.83S 0.01 Lon 129.02W 0.01
Dep 15.0 BDY Half-duration 5.2
Principal Axes:
Scale 10**19 Nm
T Val= 1.07 Plg= 1 Azm=126
N -0.01 8 216
P -1.06 82 30
Best Double Couple:Mo=1.1*10**19
NP1:Strike=209 Dip=45 Slip=-101
NP2: 44 46 -79

12 17 06 58.11 32.056N 130.577E 31km
4.8mb (35 obs.) 5.3Msz (4 obs.)
KYUSHU, JAPAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 25S, 34C
Centroid Location:
Origin Time 17:07: 0.0 0.3
Lat 32.03N 0.04 Lon 130.33E 0.04
Dep 15.0 FIX Half-duration 1.2
Principal Axes:
Scale 10**17 Nm
T Val= 1.50 Plg= 0 Azm=134
N -0.04 88 224
P -1.45 2 44
Best Double Couple:Mo=1.5*10**17
NP1:Strike=179 Dip=89 Slip=-179
NP2: 89 89 -1

12 17 58 23.99 20.553S 169.361E 28km
6.4mb (102 obs.) 7.1Msz (54 obs.)
VANUATU ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=159 Dip=64 Slip= 90
NP2: 339 26 90
Principal Axes:
T Plg=71 Azm= 69
P 19 249
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
RADIATED ENERGY
No. of sta: 21 Focal mech. F
Energy 2.3±0.4*10**14 Nm
MOMENT TENSOR SOLUTION
Dep 41 No. of sta: 15
Principal Axes:
Scale 10**19 Nm
T Val= 3.57 Plg=75 Azm=112
N 0.06 13 327
P -3.63 9 235
Best Double Couple:Mo=3.6*10**19
NP1:Strike=310 Dip=38 Slip= 69
NP2: 156 55 106
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 52S, **C M.W.: 51S, **C
Centroid Location:
Origin Time 17:58:36.9 0.1
Lat 20.45S 0.01 Lon 169.04E 0.01
Dep 42.5 0.3 Half-duration 7.6
Principal Axes:
Scale 10**19 Nm
T Val= 3.25 Plg=85 Azm= 65
N 0.16 0 155
P -3.41 5 245
Best Double Couple:Mo=3.3*10**19
NP1:Strike=335 Dip=40 Slip= 90
NP2: 155 50 90

13 14 21 28.54 41.446S 89.421W 10km
5.2mb (25 obs.) 5.4Msz (2 obs.)
SOUTHERN PACIFIC OCEAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 42S, 91C
Centroid Location:
Origin Time 14:21:32.6 0.1
Lat 41.38S 0.02 Lon 89.60W 0.03
Dep 15.0 FIX Half-duration 1.8
Principal Axes:
Scale 10**17 Nm
T Val= 4.77 Plg= 2 Azm= 41
N -0.44 81 295
P -4.34 9 131
Best Double Couple:Mo=4.6*10**17
NP1:Strike=176 Dip=82 Slip= -5
NP2: 267 86 -172

13 22 00 28.62 20.559S 168.917E 28km
5.5mb (45 obs.) 5.3Msz (42 obs.)
LOYALTY ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 30S, 46C
Centroid Location:
Origin Time 22:00:35.2 0.2
Lat 20.54S 0.03 Lon 168.62E 0.03
Dep 15.0 BDY Half-duration 1.8
Principal Axes:
Scale 10**17 Nm
T Val= 3.41 Plg=70 Azm= 39
N 0.22 10 157
P -3.63 17 250
Best Double Couple:Mo=3.5*10**17
NP1:Strike=354 Dip=29 Slip= 110
NP2: 152 63 79

14 11 14 27.03 51.920N 158.894E 51km
5.6mb (137 obs.) 5.5Msz (61 obs.)
NEAR EAST COAST OF KAMCHATKA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 51S, **C
Centroid Location:
Origin Time 11:14:30.4 0.2
Lat 51.69N 0.02 Lon 159.52E 0.03
Dep 43.5 1.4 Half-duration 2.2
Principal Axes:
Scale 10**17 Nm

T Val= 6.80 Plg=75 Azm=336
N 0.45 7 219
P -7.26 13 127
Best Double Couple:Mo=7.0*10**17
NP1:Strike=208 Dip=33 Slip= 77
NP2: 43 58 98

15 15 08 17.76 20.563S 169.393E 30km
5.8mb (89 obs.) 5.7Msz (53 obs.)
VANUATU ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=146 Dip=61 Slip= 90
NP2: 326 29 90
Principal Axes:
T Plg=74 Azm= 56
P 16 236
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. M
Energy 6.0±1.0*10**12 Nm
MOMENT TENSOR SOLUTION
Dep 38 No. of sta: 10
Principal Axes:
Scale 10**18 Nm
T Val= 1.33 Plg=71 Azm=125
N 0.03 18 323
P -1.36 5 231
Best Double Couple:Mo=1.3*10**18
NP1:Strike=303 Dip=43 Slip= 63
NP2: 157 53 113
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 86S, **C
Centroid Location:
Origin Time 15:08:26.4 0.2
Lat 20.54S 0.02 Lon 169.14E 0.02
Dep 42.0 BDY Half-duration 2.1
Principal Axes:
Scale 10**17 Nm
T Val= 7.97 Plg=82 Azm=125
N 1.06 6 344
P -9.03 5 253
Best Double Couple:Mo=8.5*10**17
NP1:Strike=336 Dip=41 Slip= 81
NP2: 169 50 98

15 17 07 43.80 4.967S 104.302E 23km
5.9mb (116 obs.) 7.0Msz (55 obs.)
SOUTHERN SUMATERA, INDONESIA
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=128 Dip=77 Slip=-164
NP2: 34 74 -14
Principal Axes:
T Plg= 2 Azm=261
P 20 352
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: 17 Focal mech. F
Energy 2.2±0.4*10**14 Nm
MOMENT TENSOR SOLUTION
Dep 21 No. of sta: 12
Principal Axes:
Scale 10**19 Nm
T Val= 1.01 Plg= 1 Azm=265
N 0.03 83 170
P -1.04 7 355
Best Double Couple:Mo=1.0*10**19
NP1:Strike= 40 Dip=85 Slip= -4
NP2: 130 86 -175
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 44S, **C M.W.: 40S, **C
Centroid Location:
Origin Time 17:07:51.7 0.1
Lat 5.15S 0.01 Lon 104.27E 0.01
Dep 16.2 0.7 Half-duration 7.1
Principal Axes:
Scale 10**19 Nm
T Val= 2.34 Plg=16 Azm=272
N -0.20 71 58
P -2.13 10 179
Best Double Couple:Mo=2.2*10**19
NP1:Strike=315 Dip=71 Slip= 176
NP2: 46 86 19

15 21 11 56.42 20.399S 168.866E 20km
5.7mb (61 obs.) 6.4Msz (57 obs.)
LOYALTY ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=172 Dip=60 Slip= 90
NP2: 352 30 90
Principal Axes:
T Plg=75 Azm= 82
P 15 262
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
RADIATED ENERGY
No. of sta: 14 Focal mech. F
Energy 1.3±0.3*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 22 No. of sta: 18
Principal Axes:
Scale 10**18 Nm
T Val= 3.90 Plg=62 Azm= 14
N -0.01 28 180
P -3.89 6 273
Best Double Couple:Mo=3.9*10**18
NP1:Strike= 30 Dip=46 Slip= 130
NP2: 160 57 56
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 46S, **C M.W.: 33S, 53C
Centroid Location:
Origin Time 21:12: 7.7 0.1
Lat 20.38S 0.01 Lon 168.76E 0.01
Dep 21.7 0.5 Half-duration 4.2
Principal Axes:
Scale 10**18 Nm
T Val= 5.77 Plg=72 Azm= 56
N 0.36 3 156
P -6.13 17 247
Best Double Couple:Mo=5.9*10**18
NP1:Strike=342 Dip=28 Slip= 97
NP2: 154 63 86

16 03 48 52.43 26.271S 178.273E 606km
5.4mb (67 obs.)
SOUTH OF FIJI ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 34S, 58C
Centroid Location:
Origin Time 03:48:59.2 0.3
Lat 26.14S 0.03 Lon 178.39E 0.03
Dep 625.0 1.9 Half-duration 1.7
Principal Axes:
Scale 10**17 Nm
T Val= 3.80 Plg=49 Azm=151
N 1.22 8 52
P -5.02 40 315
Best Double Couple:Mo=4.4*10**17
NP1:Strike=350 Dip= 9 Slip= 27
NP2: 233 86 98

16 06 46 57.02 20.094S 168.906E 13km
5.7mb (51 obs.) 6.3Msz (43 obs.)
LOYALTY ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=172 Dip=66 Slip= 39
NP2: 64 55 150
Principal Axes:
T Plg=44 Azm= 32
P 7 296
Comment: The focal mechanism is poorly controlled and corresponds to strike-slip faulting with a large reverse component. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 13 Focal mech. F
Energy 1.7±0.4*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 19 No. of sta: 22
Principal Axes:
Scale 10**18 Nm
T Val= 1.35 Plg=40 Azm= 30
N -0.22 49 192
P -1.13 9 292
Best Double Couple:Mo=1.2*10**18
NP1:Strike= 63 Dip=56 Slip= 155
NP2: 167 70 37

16 06 48 58.04 18.991S 168.134E 13km
5.9mb (19 obs.) 6.4Msz (29 obs.)
VANUATU ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=165 Dip=70 Slip= 90
NP2: 345 20 90
Principal Axes:
T Plg=65 Azm= 75
P 25 255
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. M
Energy 4.9±1.1*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 18 No. of sta: 21
Principal Axes:
Scale 10**18 Nm
T Val= 3.81 Plg=39 Azm= 32
N -0.01 49 190
P -3.81 11 293
Best Double Couple:Mo=3.8*10**18
NP1:Strike= 65 Dip=55 Slip= 158
NP2: 168 72 37
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 50S, **C M.W.: 37S, 56C
Centroid Location:
Origin Time 06:49: 6.2 0.1
Lat 20.26S 0.01 Lon 168.59E 0.01
Dep 15.0 FIX Half-duration 3.7
Principal Axes:
Scale 10**18 Nm
T Val= 3.94 Plg=67 Azm= 60
N 0.17 2 155
P -4.11 23 246
Best Double Couple:Mo=4.0*10**18
NP1:Strike=341 Dip=22 Slip= 96
NP2: 155 68 88

16 11 08 45.89 20.111S 168.875E 26km
5.3mb (36 obs.) 5.6Msz (58 obs.)
LOYALTY ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 43S, 85C
Centroid Location:
Origin Time 11:08:55.9 0.2
Lat 19.98S 0.02 Lon 168.82E 0.02
Dep 18.1 1.1 Half-duration 2.1
Principal Axes:
Scale 10**17 Nm
T Val= 6.63 Plg=69 Azm= 59
N 0.34 3 157
P -6.97 20 248
Best Double Couple:Mo=6.8*10**17
NP1:Strike=343 Dip=25 Slip= 97
NP2: 155 65 87

16 22 03 08.95 20.230S 168.925E 11km
5.7mb (55 obs.) 5.8Msz (69 obs.)
LOYALTY ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=165 Dip=70 Slip= 90
NP2: 345 20 90
Principal Axes:
T Plg=65 Azm= 75
P 25 255
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. M
Energy 1.0±0.2*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 29 No. of sta: 24
Principal Axes:
Scale 10**18 Nm
T Val= 1.37 Plg=62 Azm= 84
N 0.01 1 352
P -1.38 28 262
Best Double Couple:Mo=1.4*10**18
NP1:Strike=349 Dip=17 Slip= 87
NP2: 173 73 91
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 48S, **C
Centroid Location:

Origin Time 22:03:17.9 0.1
Lat 20.27S 0.02 Lon 168.61E 0.01
Dep 25.9 0.9 Half-duration 2.4
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	1.14	69	50
N	0.17	10	167
P	-1.32	18	260

Best Double Couple:Mo=1.2*10**18
NP1:Strike= 5 Dip=28 Slip= 111
NP2: 162 64 79

16 22 47 01.33 20.010S 168.743E 23km
4.7mb (12 obs.) 5.4Msz (1 obs.)
LOYALTY ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 7S, 9C
Centroid Location:
Origin Time 22:47:11.5 1.1
Lat 19.91S 0.19 Lon 168.10E 0.18
Dep 29.5 8.4 Half-duration 1.4
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.24	62	12
N	0.15	25	160
P	-1.38	13	256

Best Double Couple:Mo=1.3*10**17
NP1:Strike= 15 Dip=39 Slip= 132
NP2: 146 62 62

17 04 37 27.67 23.258S 66.530W 223km
5.4mb (68 obs.)
JUJUY PROVINCE, ARGENTINA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 21S, 27C
Centroid Location:
Origin Time 04:37:32.1 0.4
Lat 23.30S 0.04 Lon 66.65W 0.08
Dep 212.8 2.7 Half-duration 1.5
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.59	34	98
N	-0.61	27	208
P	-0.98	44	327

Best Double Couple:Mo=1.3*10**17
NP1:Strike=131 Dip=27 Slip=-168
NP2: 30 85 -63

17 19 41 56.31 9.891N 125.838E 35km
5.4mb (74 obs.) 5.0Msz (26 obs.)
MINDANAO, PHILIPPINE ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 31S, 57C
Centroid Location:
Origin Time 19:41:59.9 0.2
Lat 9.99N 0.02 Lon 125.65E 0.03
Dep 26.8 2.5 Half-duration 1.5
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	2.88	15	347
N	-0.20	53	237
P	-2.68	33	87

Best Double Couple:Mo=2.8*10**17
NP1:Strike=122 Dip=56 Slip= -15
NP2: 221 78 -145

17 21 01 30.14 9.645S 152.025E 30km
5.2mb (36 obs.) 4.8Msz (7 obs.)
D'ENTRECASTEAUX ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 18S, 30C
Centroid Location:
Origin Time 21:01:34.2 0.6
Lat 9.63S FIX;Lon 152.00E FIX
Dep 22.6 5.9 Half-duration 2.1
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.94	0	16
N	0.26	78	284
P	-2.20	12	106

Best Double Couple:Mo=2.1*10**17
NP1:Strike=150 Dip=82 Slip= -8
NP2: 242 82 -171

17 21 52 47.32 9.506S 152.083E 20km
5.5mb (42 obs.) 5.6Msz (37 obs.)
D'ENTRECASTEAUX ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 37S, 76C
Centroid Location:
Origin Time 21:52:50.1 0.2
Lat 9.76S 0.02 Lon 152.53E 0.02
Dep 15.0 FIX Half-duration 1.9
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	5.68	5	4
N	0.57	77	115
P	-6.25	12	273

Best Double Couple:Mo=6.0*10**17
NP1:Strike= 49 Dip=79 Slip=-175
NP2: 318 85 -12

18 04 19 07.57 45.330S 96.232E 10km
5.6mb (40 obs.) 6.1Msz (28 obs.)
SOUTHEAST INDIAN RIDGE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 53S, **C M.W.: 49S, 83C
Centroid Location:
Origin Time 04:19:14.8 0.1
Lat 45.42S 0.01 Lon 95.98E 0.01
Dep 15.0 FIX Half-duration 3.4
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	2.98	4	80
N	-0.22	85	298
P	-2.76	3	170

Best Double Couple:Mo=2.9*10**18
NP1:Strike=215 Dip=85 Slip= 1
NP2: 125 89 175

18 13 41 27.78 20.493S 169.072E 13km
5.5mb (30 obs.) 5.6Msz (47 obs.)
VANUATU ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=165 Dip=70 Slip= 90
NP2: 345 20 90
Principal Axes:

	Plg=	Azm=
T	65	75
P	25	255

Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
RADIATED ENERGY
No. of sta: 12 Focal mech. M
Energy 6.3±1.3*10**12 Nm
MOMENT TENSOR SOLUTION
Dep 10 No. of sta: 4
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	1.33	43	28
N	-0.30	42	176
P	-1.03	17	281

Best Double Couple:Mo=1.2*10**18
NP1:Strike= 54 Dip=46 Slip= 157
NP2: 160 73 46
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 42S, 91C
Centroid Location:
Origin Time 13:41:36.6 0.2
Lat 20.50S 0.03 Lon 168.72E 0.02
Dep 15.0 BDY Half-duration 2.2
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	7.20	73	41
N	0.50	8	157
P	-7.70	15	249

Best Double Couple:Mo=7.4*10**17
NP1:Strike=350 Dip=30 Slip= 105
NP2: 152 61 81

18 16 19 40.48 14.133N 56.248E 10km
5.2mb (66 obs.) 4.8Msz (13 obs.)
ARABIAN SEA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 14S, 16C
Centroid Location:
Origin Time 16:19:43.0 0.7
Lat 14.48N FIX;Lon 56.28E FIX
Dep 15.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	8.16	10	51
N	3.54	49	152
P	-11.69	39	313

Best Double Couple:Mo=9.9*10**16
NP1:Strike=100 Dip=56 Slip=-157
NP2: 356 71 -36

20 01 54 35.76 2.059N 126.475E 28km
5.6mb (76 obs.) 5.6Msz (44 obs.)
NORTHERN MOLUCCA SEA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 45S, 94C
Centroid Location:
Origin Time 01:54:41.8 0.2
Lat 2.23N 0.03 Lon 125.92E 0.03
Dep 15.0 FIX Half-duration 2.9
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	12.20	33	290
N	-1.82	6	24
P	-10.38	56	124

Best Double Couple:Mo=1.1*10**18
NP1:Strike=356 Dip=13 Slip=-119
NP2: 206 78 -83

20 21 48 12.53 13.691N 120.787E 207km
5.6mb (134 obs.)
MINDORO, PHILIPPINE ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 36S, 71C
Centroid Location:
Origin Time 21:48:16.7 0.2
Lat 13.64N 0.02 Lon 120.77E 0.03
Dep 203.9 1.4 Half-duration 2.2
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	7.72	38	88
N	2.92	37	213
P	-10.63	31	330

Best Double Couple:Mo=9.2*10**17
NP1:Strike=115 Dip=37 Slip= 173
NP2: 210 86 53

21 15 04 35.61 22.304S 170.509E 33km
5.3mb (23 obs.) 4.9Msz (15 obs.)
LOYALTY ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 26S, 48C
Centroid Location:
Origin Time 15:04:39.3 0.4
Lat 22.57S 0.05 Lon 170.54E 0.04
Dep 25.7 2.3 Half-duration 1.3
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	2.14	68	20
N	-0.38	3	116
P	-1.76	22	207

Best Double Couple:Mo=2.0*10**17
NP1:Strike=302 Dip=23 Slip= 97
NP2: 115 67 87

22 17 53 33.23 21.551S 113.656W 10km
5.3mb (29 obs.) 5.3Msz (36 obs.)
SOUTHERN EAST PACIFIC RISE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 33S, 61C
Centroid Location:
Origin Time 17:53:38.6 0.2
Lat 21.82S 0.02 Lon 113.41W 0.02
Dep 15.0 FIX Half-duration 1.7
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	3.77	0	128
N	0.06	90	180
P	-3.83	0	38

Best Double Couple:Mo=3.8*10**17
NP1:Strike=173 Dip=90 Slip=-180
NP2: 263 90 0

22 20 02 48.69 5.108S 152.652E 56km
5.2mb (32 obs.) 4.7Msz (7 obs.)
NEW BRITAIN REGION, P.N.G.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 16S, 22C
Centroid Location:
Origin Time 20:02:55.4 3.4
Lat 4.98S 0.23 Lon 152.65E 0.18
Dep 53.0 FIX Half-duration 1.6
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	8.44	67	343
N	0.79	3	246
P	-9.23	23	154

Best Double Couple:Mo=8.8*10**16
NP1:Strike=238 Dip=22 Slip= 82
NP2: 67 68 93

23 08 02 04.72 30.853N 60.596E 6km
6.1mb (142 obs.) 6.1Msz (53 obs.)
NORTHERN IRAN
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=317 Dip=62 Slip= 90
NP2: 137 28 90
Principal Axes:
T Plg=73 Azm=227
P 17 47
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 19 Focal mech. F
Energy 6.2±1.0*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 22 No. of sta: 18
Principal Axes:
Scale 10**18 Nm
T Val= 1.16 Plg=72 Azm=210
N 0.11 1 302
P -1.27 18 32
Best Double Couple:Mo=1.2*10**18
NP1:Strike=123 Dip=27 Slip= 91
NP2: 301 63 89
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 46S, **C M.W.: 39S, 51C
Centroid Location:
Origin Time 08:02:10.0 0.1
Lat 30.83N 0.01 Lon 60.50E 0.01
Dep 15.0 BDY Half-duration 2.9
Principal Axes:
Scale 10**18 Nm
T Val= 1.72 Plg=77 Azm=215
N -0.01 3 320
P -1.72 12 51
Best Double Couple:Mo=1.7*10**18
NP1:Strike=145 Dip=33 Slip= 96
NP2: 318 57 86

23 11 54 33.17 30.765N 60.519E 10km
5.3mb (110 obs.) 4.9Msz (21 obs.)
NORTHERN IRAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 21S, 31C
Centroid Location:
Origin Time 11:54:40.7 0.5
Lat 30.87N FIX;Lon 60.61E FIX
Dep 15.0 FIX Half-duration 1.4
Principal Axes:
Scale 10**17 Nm
T Val= 2.21 Plg=68 Azm=262
N 0.02 14 133
P -2.23 16 39
Best Double Couple:Mo=2.2*10**17
NP1:Strike=108 Dip=31 Slip= 62
NP2: 320 63 106

23 14 13 49.45 18.050N 97.182W 73km
5.6mb (100 obs.)
CENTRAL MEXICO
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 37S, 75C
Centroid Location:
Origin Time 14:13:55.9 0.2
Lat 18.22N 0.02 Lon 96.82W 0.02
Dep 74.7 1.2 Half-duration 2.0
Principal Axes:
Scale 10**17 Nm
T Val= 6.57 Plg= 9 Azm=183
N -0.57 4 93
P -5.99 80 338
Best Double Couple:Mo=6.3*10**17
NP1:Strike=278 Dip=36 Slip= -83
NP2: 90 54 -95

23 18 00 29.24 17.454S 174.287W 33km
5.6mb (61 obs.) 5.0Msz (24 obs.)
TONGA ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 27S, 46C
Centroid Location:
Origin Time 18:00:46.3 0.3
Lat 17.37S 0.03 Lon 173.57W 0.03
Dep 123.5 1.2 Half-duration 1.6
Principal Axes:
Scale 10**17 Nm
T Val= 8.00 Plg=39 Azm=119
N 0.89 3 27
P -8.88 51 292
Best Double Couple:Mo=8.4*10**17
NP1:Strike=235 Dip= 7 Slip= -62
NP2: 26 84 -93

23 23 39 51.46 18.509N 146.896E 26km
5.4mb (65 obs.) 5.4Msz (47 obs.)
MARIANA ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 33S, 55C
Centroid Location:
Origin Time 23:39:55.6 0.3
Lat 18.30N 0.04 Lon 147.20E 0.03
Dep 15.0 BDY Half-duration 1.5
Principal Axes:
Scale 10**17 Nm
T Val= 4.20 Plg=61 Azm=290
N -0.04 15 171
P -4.15 24 75
Best Double Couple:Mo=4.2*10**17
NP1:Strike=137 Dip=25 Slip= 53
NP2: 357 70 106

24 00 11 12.32 30.775N 60.495E 10km
6.1mb (180 obs.) 6.1Msz (55 obs.)
NORTHERN IRAN
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=315 Dip=61 Slip= 90
NP2: 135 29 90
Principal Axes:
T Plg=74 Azm=225
P 16 45
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 17 Focal mech. M
Energy 3.4±0.7*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 20 No. of sta: 13
Principal Axes:
Scale 10**18 Nm
T Val= 1.84 Plg=68 Azm=168
N 0.03 20 323
P -1.87 9 56
Best Double Couple:Mo=1.9*10**18
NP1:Strike=168 Dip=40 Slip= 121
NP2: 309 56 66
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 37S, 79C M.W.: 35S, 53C
Centroid Location:
Origin Time 00:11:19.1 0.1
Lat 30.73N 0.01 Lon 60.52E 0.01
Dep 15.0 BDY Half-duration 3.7
Principal Axes:
Scale 10**18 Nm
T Val= 3.27 Plg=79 Azm=165
N 0.05 10 327
P -3.33 3 58
Best Double Couple:Mo=3.3*10**18
NP1:Strike=158 Dip=43 Slip= 105
NP2: 318 49 76

24 15 25 35.82 17.421S 174.287W 124km
5.7mb (82 obs.)
TONGA ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 48S, **C
Centroid Location:
Origin Time 15:25:42.7 0.2
Lat 17.33S 0.02 Lon 173.69W 0.01
Dep 128.0 0.6 Half-duration 2.7
Principal Axes:
Scale 10**18 Nm
T Val= 1.72 Plg=37 Azm=118
N 0.16 6 23
P -1.88 52 286
Best Double Couple:Mo=1.8*10**18
NP1:Strike=238 Dip=10 Slip= -54
NP2: 23 82 -96

25 00 40 29.37 17.420S 174.271W 121km
5.6mb (78 obs.)
TONGA ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 43S, 89C
Centroid Location:
Origin Time 00:40:36.8 0.2
Lat 17.28S 0.02 Lon 173.79W 0.02
Dep 129.0 0.8 Half-duration 1.7
Principal Axes:
Scale 10**17 Nm
T Val= 3.96 Plg=35 Azm=110
N 0.41 2 201
P -4.37 55 294
Best Double Couple:Mo=4.2*10**17
NP1:Strike=192 Dip=10 Slip= -99
NP2: 22 80 -88

25 02 30 51.59 38.854N 20.532E 36km
5.3mb (95 obs.) 5.1Msz (34 obs.)
GREECE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 18S, 29C
Centroid Location:
Origin Time 02:30:55.2 0.8
Lat 38.63N 0.10 Lon 20.50E 0.07
Dep 33.0 FIX Half-duration 1.3
Principal Axes:
Scale 10**17 Nm
T Val= 1.38 Plg=24 Azm=326
N -0.01 59 102
P -1.37 19 227
Best Double Couple:Mo=1.4*10**17
NP1:Strike= 6 Dip=59 Slip= 176
NP2: 97 87 31

26 02 31 11.09 30.897N 60.549E 9km
5.8mb (155 obs.) 6.0Msz (53 obs.)
NORTHERN IRAN
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=317 Dip=62 Slip= 90
NP2: 137 28 90
Principal Axes:
T Plg=73 Azm=227
P 17 47
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 13 Focal mech. M
Energy 1.3±0.2*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 22 No. of sta: 14
Principal Axes:
Scale 10**17 Nm
T Val= 9.97 Plg=71 Azm=188
N -1.78 12 317
P -8.20 14 50
Best Double Couple:Mo=9.1*10**17
NP1:Strike=156 Dip=33 Slip= 113
NP2: 310 60 76
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 43S, 99C
Centroid Location:
Origin Time 02:31:15.4 0.2
Lat 30.59N 0.02 Lon 60.44E 0.02
Dep 15.0 BDY Half-duration 2.5
Principal Axes:
Scale 10**17 Nm
T Val= 12.50 Plg=65 Azm=185
N 2.86 17 317
P -15.36 17 53
Best Double Couple:Mo=1.4*10**18
NP1:Strike=168 Dip=32 Slip= 125
NP2: 309 64 71

26 17 45 50.37 17.646S 167.779E 28km
5.3mb (30 obs.) 5.2Msz (40 obs.)
VANUATU ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 19C
Centroid Location:
Origin Time 17:45:52.1 0.9
Lat 17.38S 0.10 Lon 167.98E 0.08
Dep 35.5 4.9 Half-duration 1.6
Principal Axes:
Scale 10**17 Nm
T Val= 1.36 Plg=56 Azm=294

```
     N       -0.11       0      204
     P       -1.25      34      114
   Best Double Couple:Mo=1.3*10**17
    NP1:Strike=204 Dip=11 Slip=  90
    NP2:        24     79       90

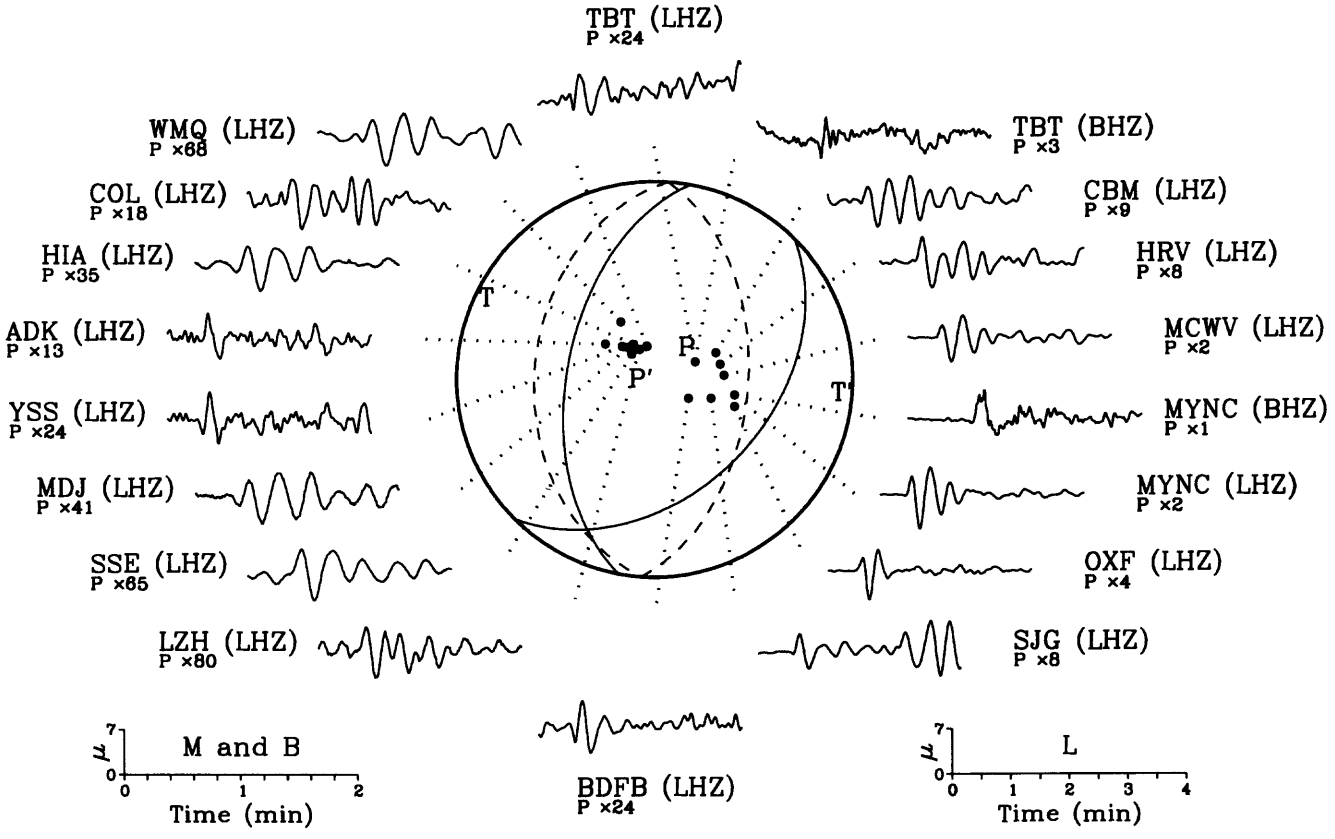
27 09 04 27.90  30.832N 131.427E  40km
   4.9mb ( 50 obs.)  5.0Msz ( 10 obs.)
   KYUSHU, JAPAN
   CENTROID, MOMENT TENSOR    (HRV)
   Data Used: GDSN
   L.P.B.: 11S, 14C
   Centroid Location:
   Origin Time       09:04:28.0 0.8
   Lat 30.58N 0.12 Lon 131.41E 0.15
   Dep  23.1 7.5 Half-duration  1.1
   Principal Axes:
     Scale 10**16 Nm
     T  Val=  6.25  Plg=61  Azm=305
     N        0.17       4      207
     P       -6.42      29      114
   Best Double Couple:Mo=6.3*10**16
    NP1:Strike=191 Dip=17 Slip=  74
    NP2:        28     74       95

28 11 13 54.25  30.805N  60.562E  10km
   5.5mb (124 obs.)  5.5Msz ( 47 obs.)
   NORTHERN IRAN
   CENTROID, MOMENT TENSOR    (HRV)
   Data Used: GDSN
   L.P.B.: 37S, 71C
   Centroid Location:
   Origin Time       11:13:59.2 0.2
   Lat 30.77N 0.03 Lon  60.48E 0.03
   Dep  15.0 BDY Half-duration  1.6
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  3.14  Plg=75  Azm=222
     N       -0.10       1      315
     P       -3.04      15       45
   Best Double Couple:Mo=3.1*10**17
    NP1:Strike=136 Dip=30 Slip=  92
    NP2:        314     60       89

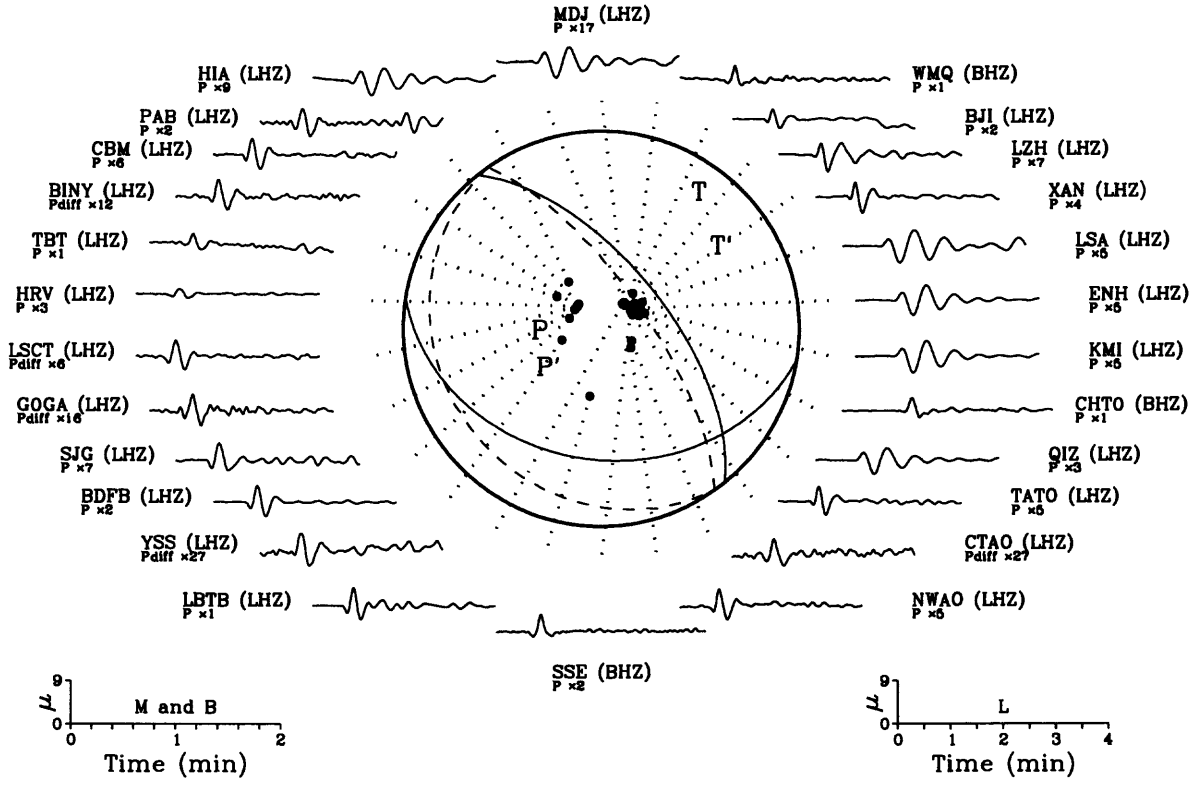
28 21 52 55.99  44.636N 129.940W  10km
   4.9mb ( 14 obs.)  5.2Msz ( 10 obs.)
   OFF COAST OF OREGON
   CENTROID, MOMENT TENSOR    (HRV)
   Data Used: GDSN
   L.P.B.: 26S, 52C
   Centroid Location:
   Origin Time       21:52:54.1 0.3
   Lat 44.27N 0.04 Lon 130.14W 0.04
   Dep  15.0 FIX Half-duration  1.7
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  3.05  Plg= 1  Azm=253
     N        0.05      74      347
     P       -3.09      16      163
   Best Double Couple:Mo=3.1*10**17
    NP1:Strike=299 Dip=78 Slip=-169
    NP2:        207     79      -13
```

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, William H. Schmieder and Pamela J. Tatalaski.

03 February 1994 09:05:04.20
Wyoming



05 February 1994 23:34:09.97
Uganda



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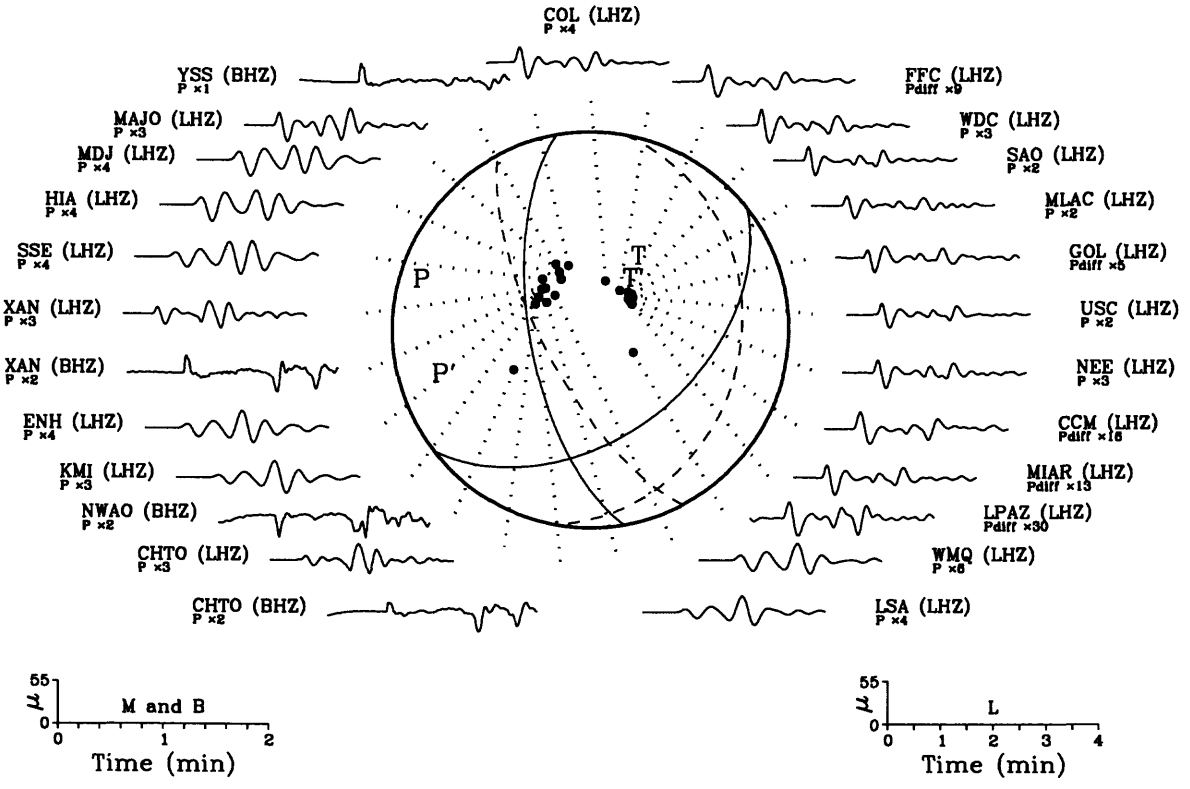
Vanuatu Islands



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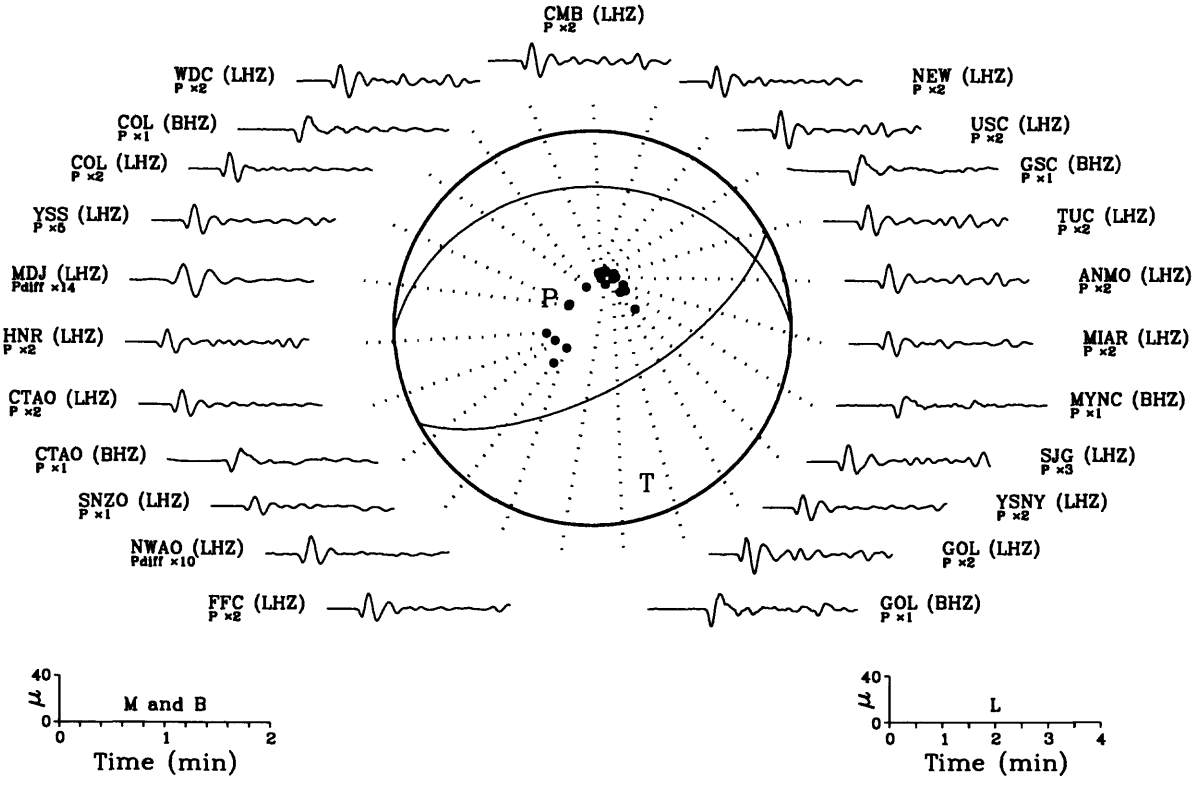
South Pacific Ocean



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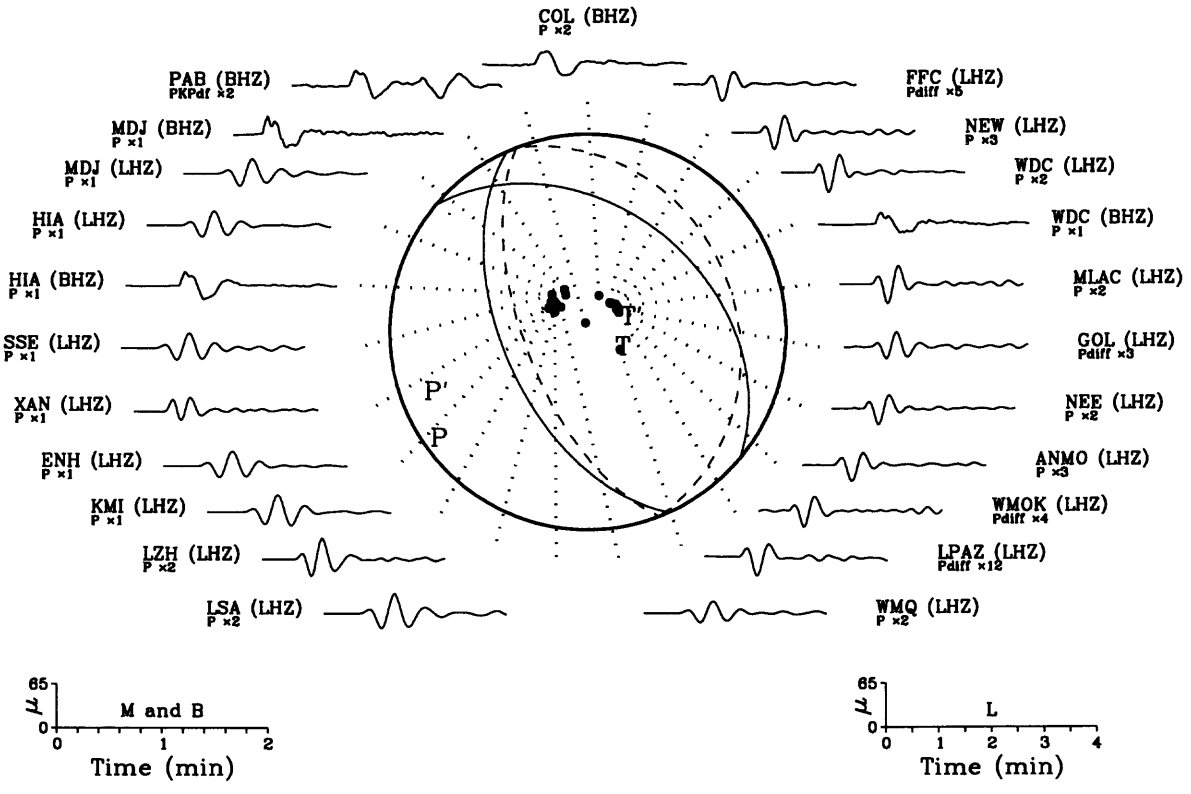
Vanuatu Islands



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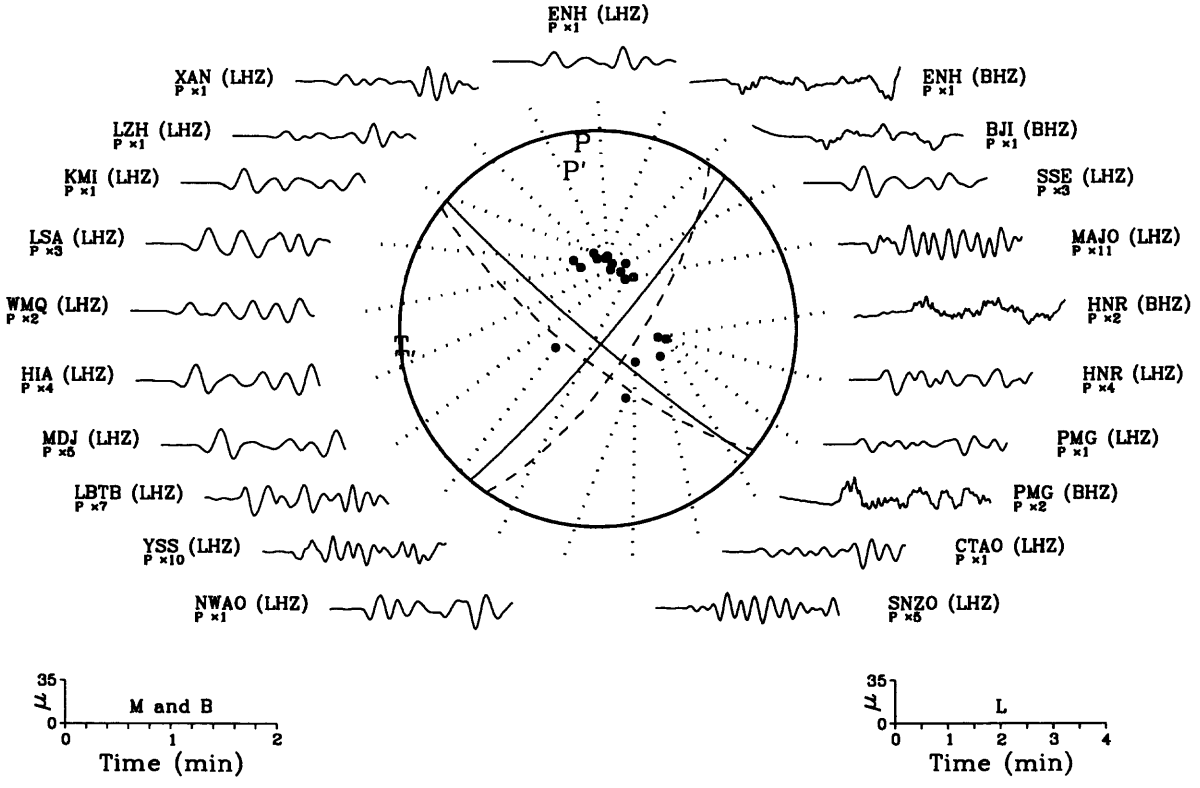
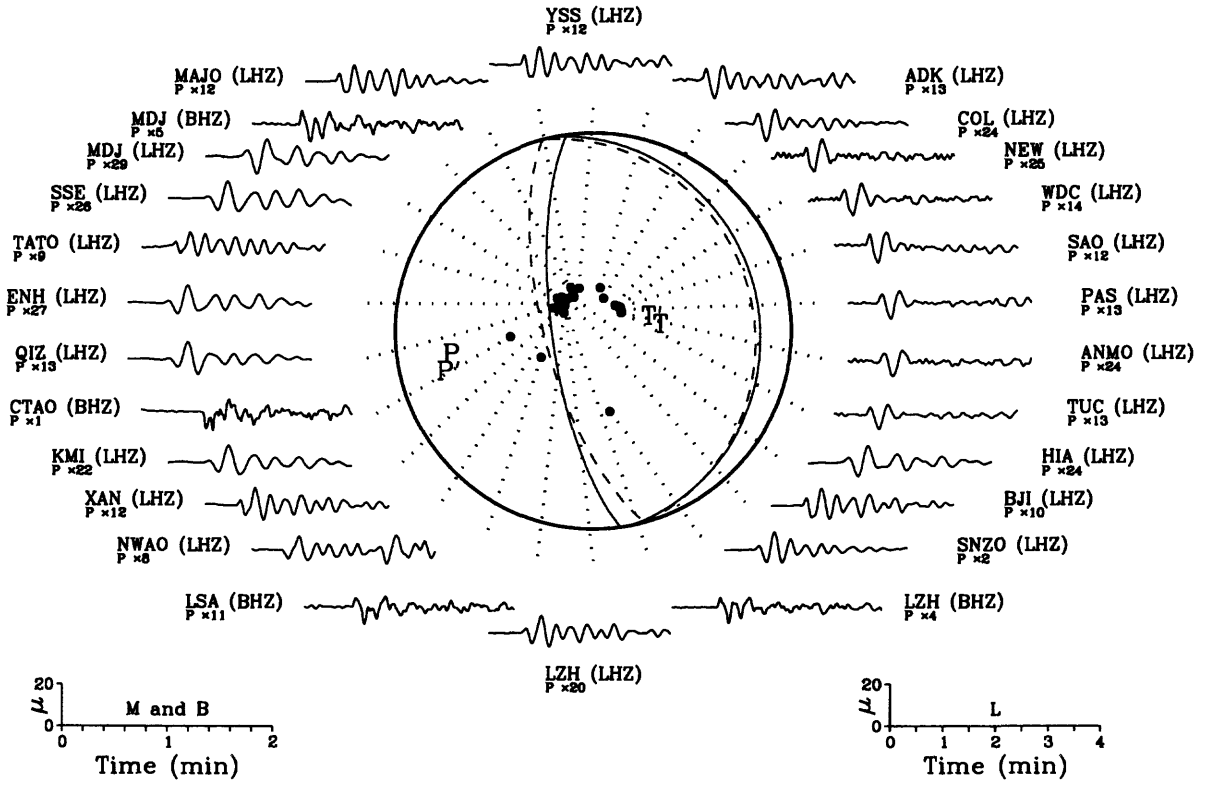
Southern Sumatera, Indonesia



16 February 1994 22:03:08.95
Loyalty Islands



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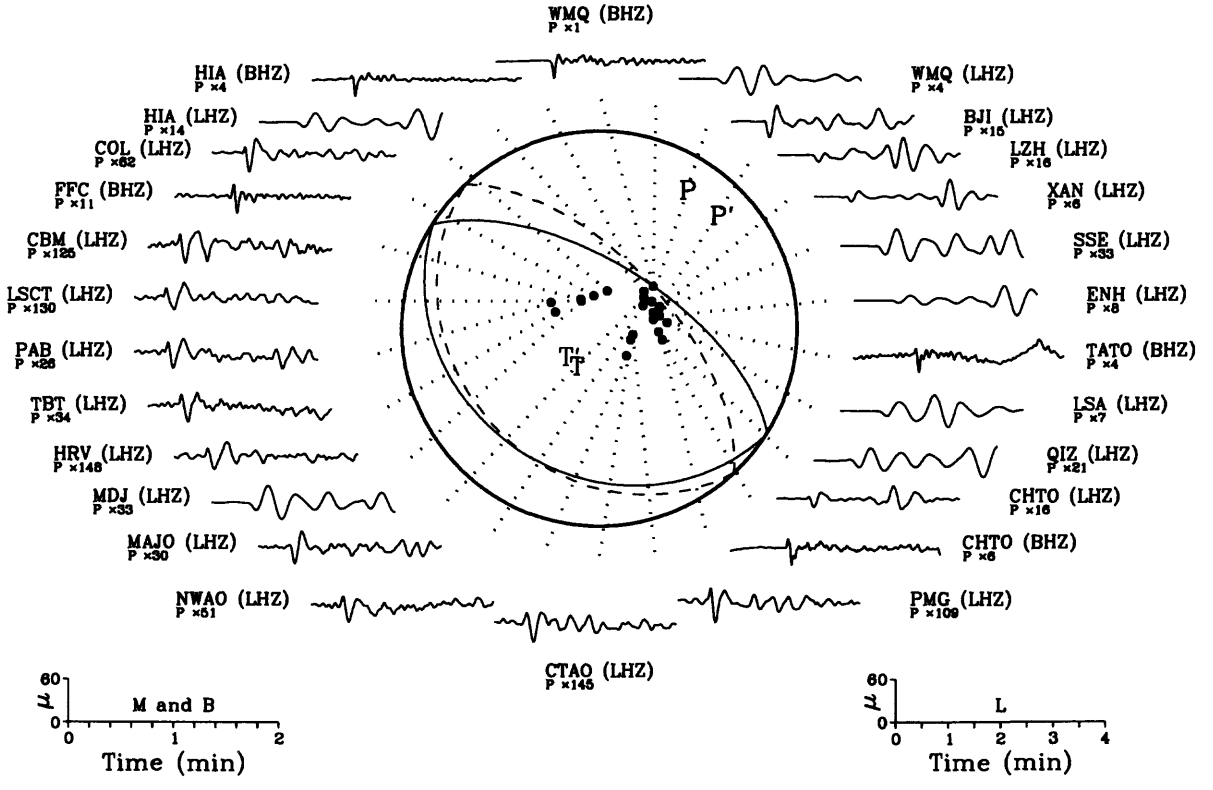
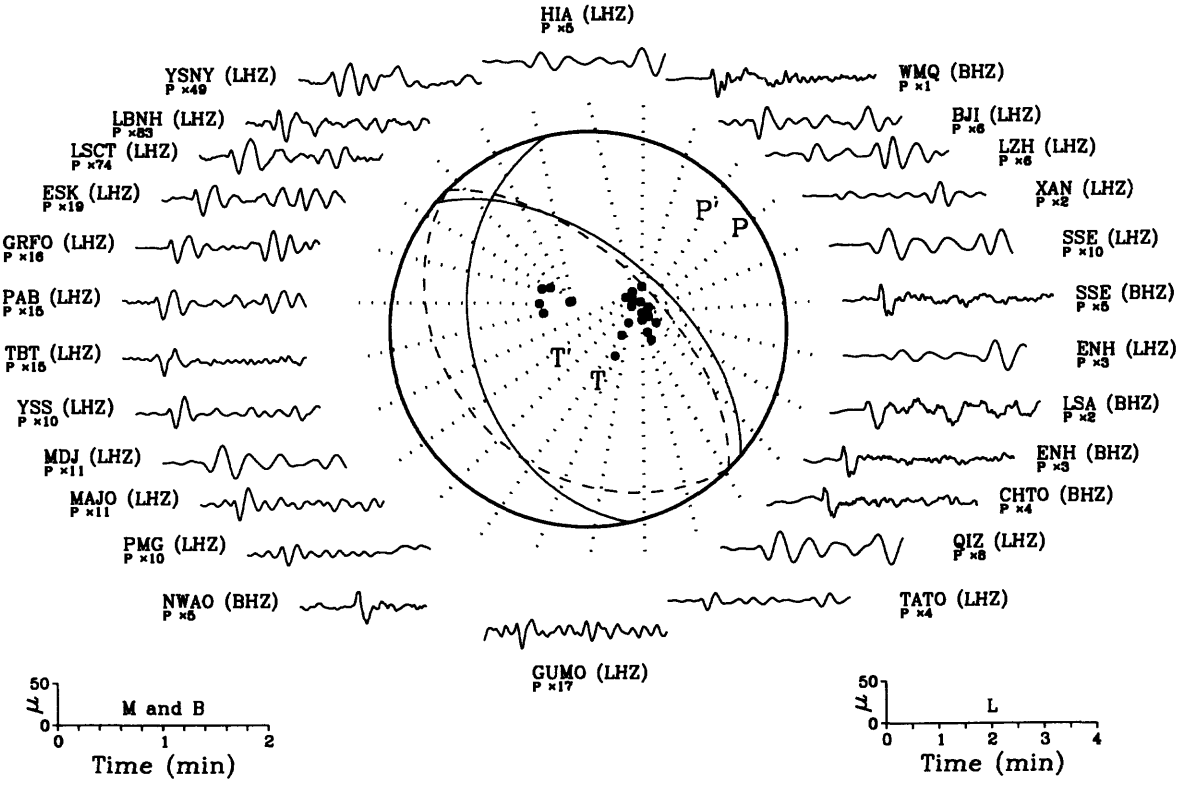


24 February 1994 00:11:12.32
Northern Iran



26 February 1994 02:31:11.09
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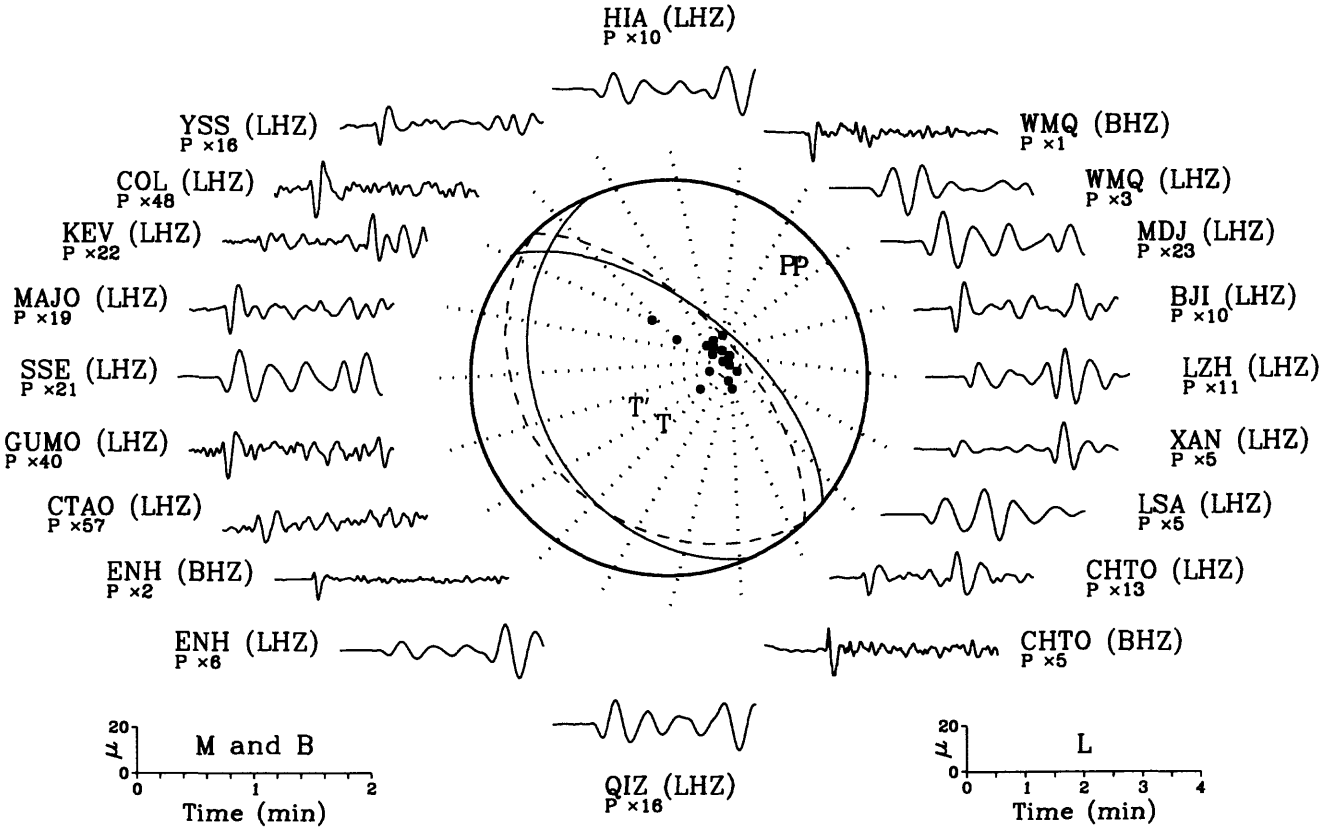
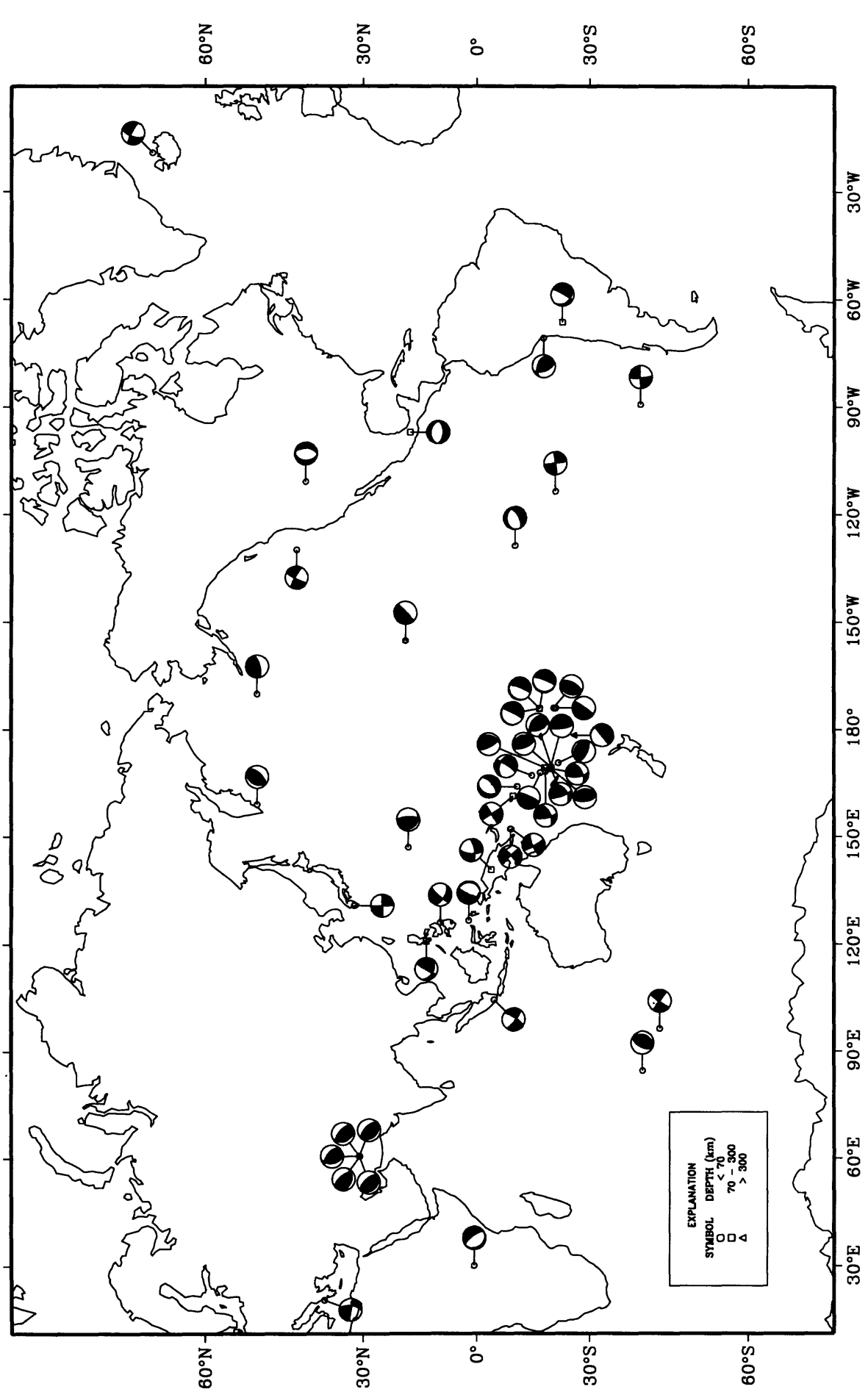
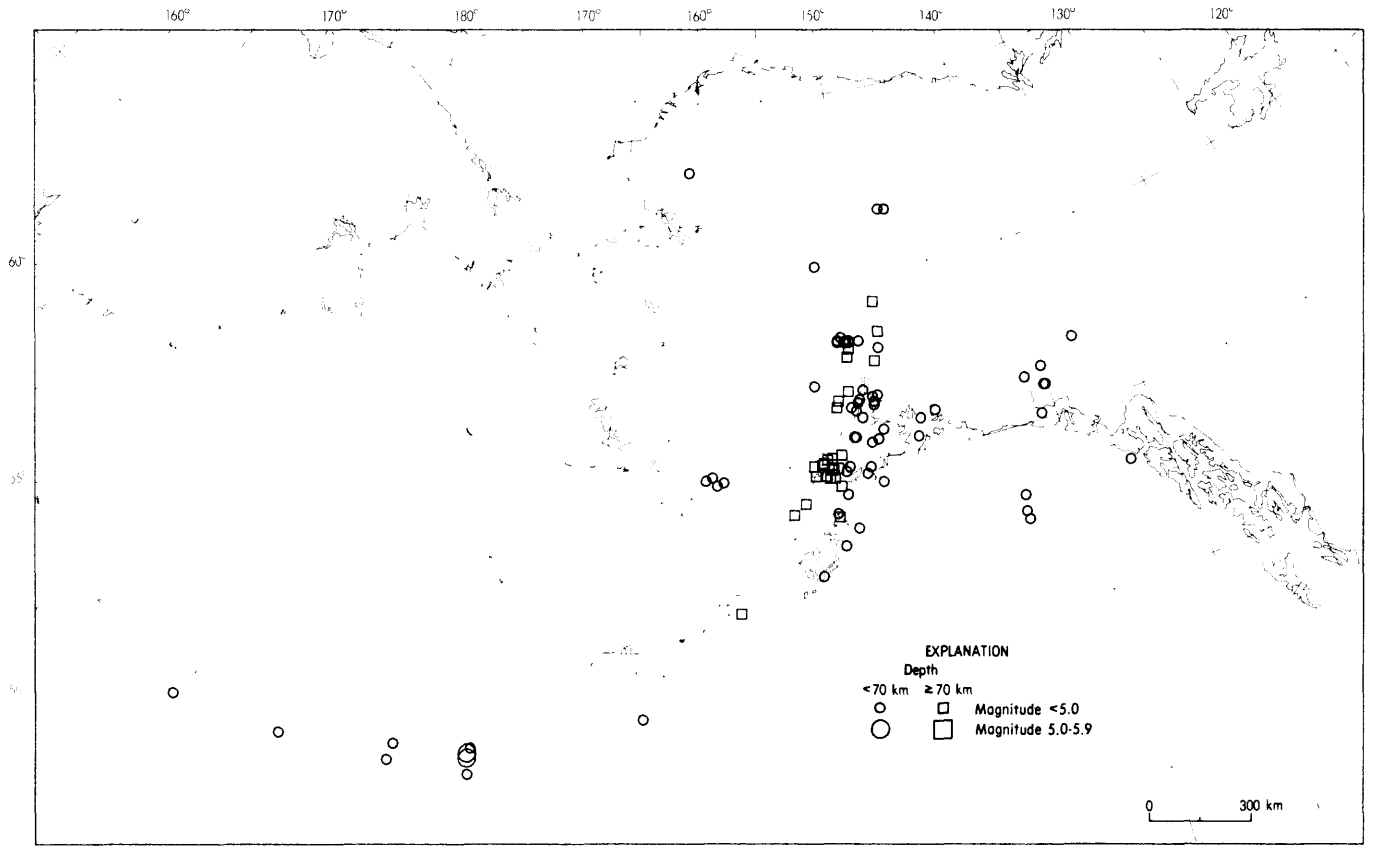
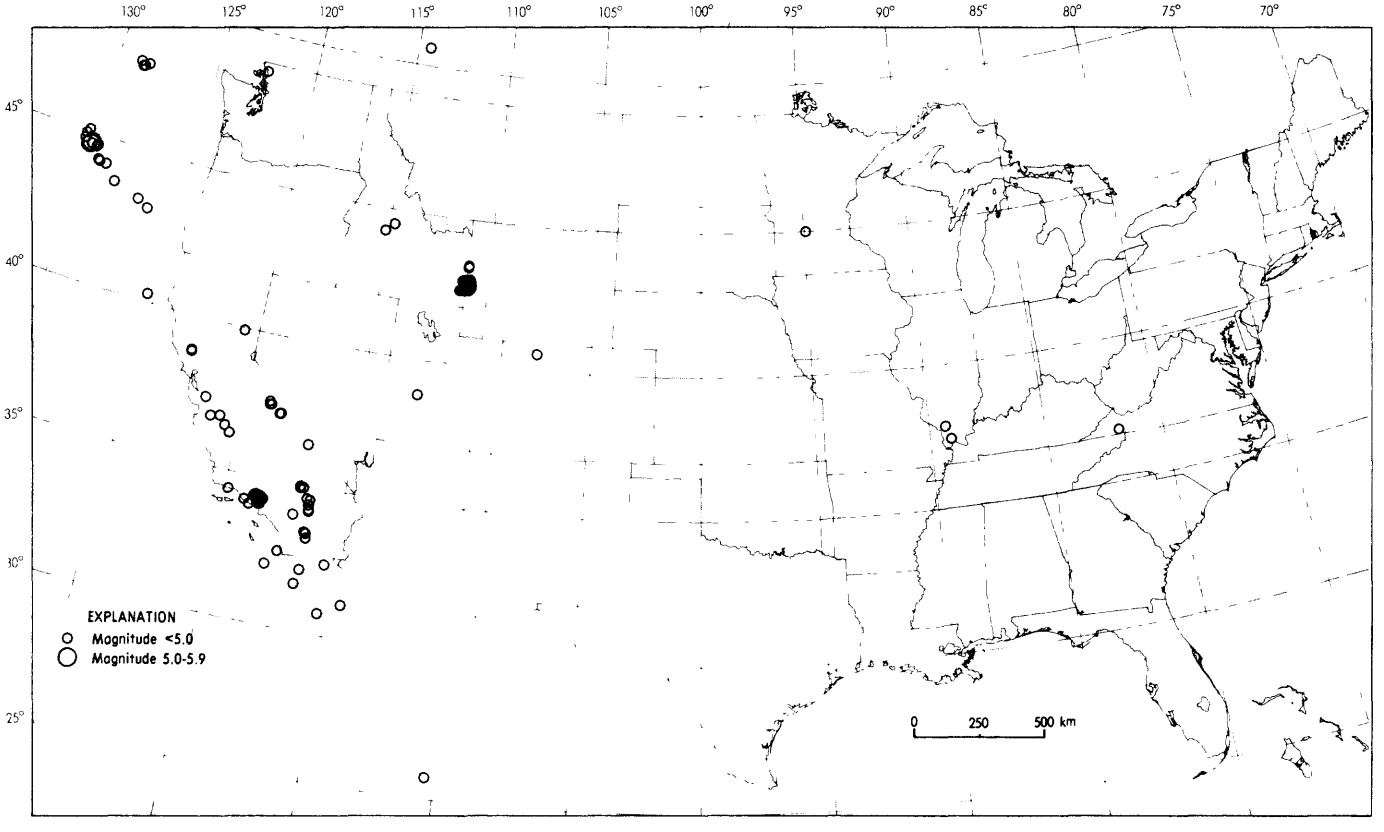


Earthquake Focal Mechanisms for February 1994

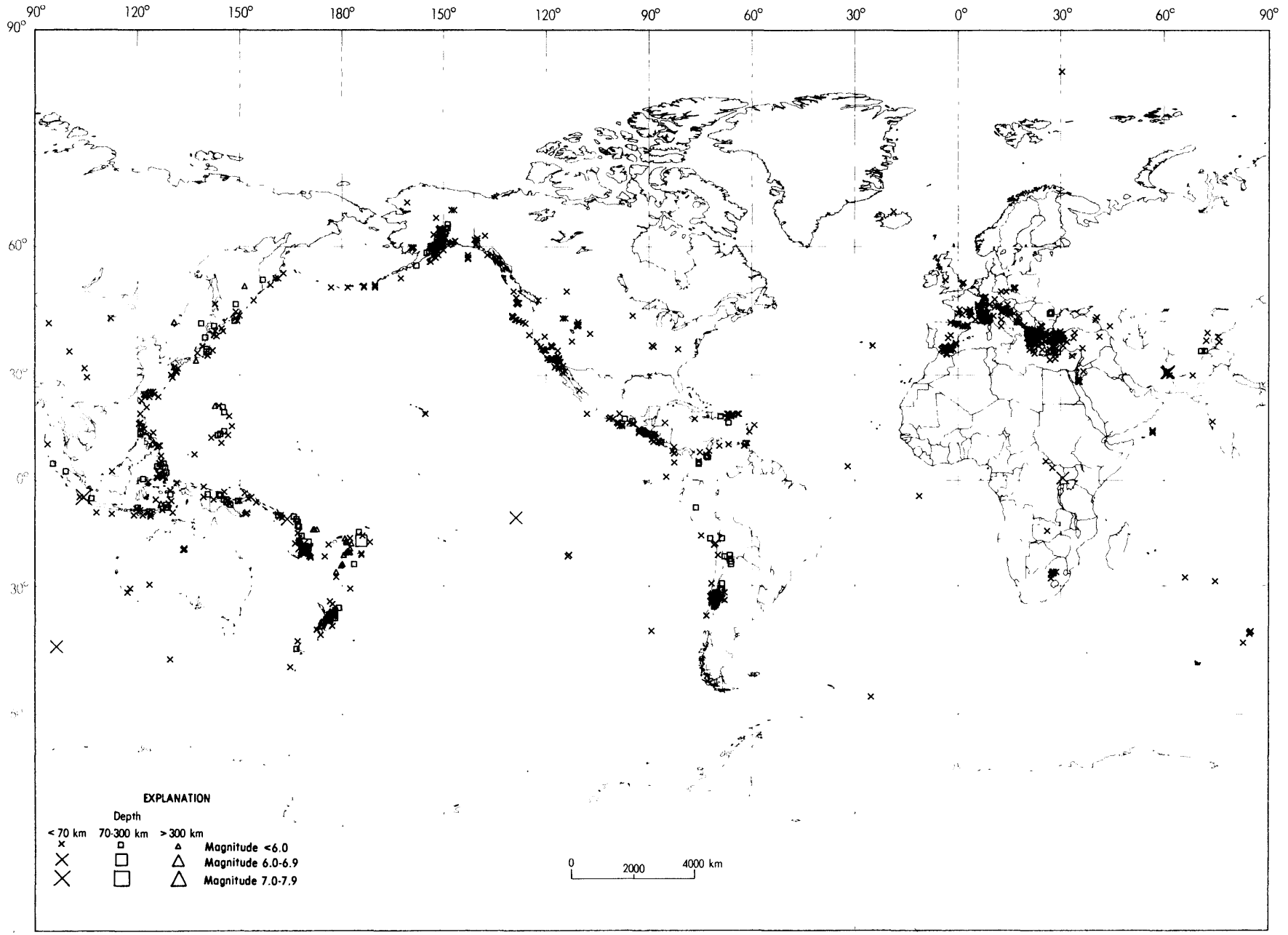




Earthquake epicenters in Alaska and adjacent regions for February, 1994.



Earthquake epicenters in the conterminous United States and adjacent regions for February, 1994.



Earthquakes located in February, 1994.

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PRELIMINARY DETERMINATION OF EPICENTERS

MONTHLY LISTING

U.S. DEPARTMENT OF THE INTERIOR / GEOLOGICAL SURVEY

National Earthquake Information Center

MARCH 1994

K E Y	DAY	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	00	11	08.5*	37.076	N	21.702	E	33	N			1.3	14	SOUTHERN GREECE. ML 3.4 (THE). MD 3.2 (ATH).
	01	00	39	26.3?	49.69	N	18.71	E	10	G			1.2	5	CZECH AND SLOVAK REPUBLICS
	01	02	00	37.5%	44.795	N	6.542	E	5	G			0.4	7	FRANCE. ML 1.9 (GEN).
	01	02	45	59.2&	36.640	N	121.250	W	7					89	CENTRAL CALIFORNIA. <GM-P>. MD 3.6 (GM). ML 3.6 (GS), 3.4 (BRK).
	01	03	04	12.1*	36.468	N	28.669	E	5	G			1.5	11	DODECANESE ISLANDS. ML 3.6 (ISK). MD 3.8 (ATH).
	01	03	27	44.6*	22.616	S	68.683	W	109	*	4.3		1.0	8	NORTHERN CHILE
f	01	03	49	00.8	29.096	N	52.617	E	13	G	5.8	6.0	1.1	407	SOUTHERN IRAN. Mw 6.0 (GS), 6.1 (HRV). At least two people killed, fifty injured and damage in the Firuzabad area. Landslides blocked roads in the mountainous region of Fars Province. Felt at Mamasani and Fasa. Depth from broadband displacement seismograms.
	01	04	00	05.0?	28.63	N	52.26	E	10	G	4.4		0.9	19	SOUTHERN IRAN
	01	05	03	09.0&	59.743	N	152.722	W	92		3.9			104	SOUTHERN ALASKA. <AEIC>.
	01	05	23	37.9	38.477	N	22.100	E	5	G			0.7	13	GREECE. ML 3.4 (THE). MD 3.3 (ATH).
	01	05	42	53.7	29.007	N	52.607	E	10	G	4.5		1.0	45	SOUTHERN IRAN
	01	06	13	50.3?	16.49	S	172.46	W	35	D	4.6	4.8	1.3	17	SAMOA ISLANDS REGION
	01	07	37	07.9*	9.604	N	126.518	E	33	N	4.0		1.4	7	MINDANAO, PHILIPPINE ISLANDS
	01	07	45	56.2?	19.19	S	69.71	W	162	?	4.2		1.0	7	NORTHERN CHILE
	01	09	10	55.4?	36.54	N	2.81	W	5	G			1.4	9	STRAIT OF GIBRALTAR. mbLg 3.0 (MDD).
	01	10	51	52.7&	59.290	N	138.116	W	0					10	SOUTHEASTERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	01	11	41	28.0	15.964	N	145.891	E	126		5.1		0.8	93	MARIANA ISLANDS. Felt (III) on Saipan.
	01	13	03	59.0	39.117	N	22.428	E	10	G			0.8	12	GREECE. ML 3.2 (THE). MD 3.1 (ATH).
	01	13	05	39.3&	62.336	N	151.160	W	83					71	CENTRAL ALASKA. <AEIC>.
	01	13	13	07.7?	34.61	S	70.51	W	120	G			0.2	10	CHILE-ARGENTINA BORDER REGION
	01	13	24	05.7	38.632	N	26.468	E	5	G			1.0	14	AEGEAN SEA. ML 3.8 (ATH), 3.5 (ISK).
	01	13	34	20.4	42.533	N	24.091	E	10	G			0.9	11	BULGARIA. ML 3.1 (THE).
	01	13	55	30.6&	32.883	N	115.518	W	15					18	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 2.7 (PAS).
	01	14	52	30.0	36.608	N	117.866	W	5	G			0.5	16	CALIFORNIA-NEVADA BORDER REGION. ML 2.9 (GS). MD 2.8 (PAS).
	01	14	58	49.9*	41.325	N	22.584	E	10	G			0.8	5	NORTHWESTERN BALKAN REGION. ML 2.0 (THE), 1.5 (SKO).
	01	15	10	05.8&	62.374	N	148.323	W	18					76	CENTRAL ALASKA. <AEIC>. ML 2.9 (AEIC), 3.1 (PMR).
	01	16	03	14.8*	37.674	S	177.725	E	146	*	3.1		1.3	29	OFF E. COAST OF N. ISLAND, N.Z.
	01	16	24	52.3?	30.96	S	177.70	W	502	?	4.0		1.0	19	KERMADEC ISLANDS, NEW ZEALAND
	01	17	06	20.5*	62.921	N	155.766	W	10	G			0.8	5	CENTRAL ALASKA. ML 3.0 (PMR). Felt (II) at Takotna.
	01	17	42	50.1*	34.878	N	32.811	E	33	N	3.1		1.4	5	CYPRUS REGION. ML 3.3 (CSS).
	01	17	49	24.1	44.520	N	129.601	W	10	G	4.0		0.8	68	OFF COAST OF OREGON
	01	17	56	11.5*	34.795	N	32.814	E	33	N			1.2	6	CYPRUS REGION. ML 3.5 (CSS).
	01	18	10	31.2?	32.60	S	71.94	W	19				0.7	12	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	01	18	11	56.9	19.389	N	65.157	W	10	G	4.3		0.9	26	PUERTO RICO REGION
	01	19	01	32.8*	28.941	N	52.855	E	33	N	4.4		0.6	18	SOUTHERN IRAN
	01	21	07	42.1%	44.361	N	6.929	E	5	G			0.3	8	FRANCE. ML 2.0 (GEN).
	01	22	41	17.2&	40.469	N	126.140	W	3					15	OFF COAST OF NORTHERN CALIFORNIA. <GM-P>. MD 2.9 (GM).
	01	22	52	45.3&	33.944	N	116.632	W	15					34	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS). Felt.
	01	22	52	46.8&	60.392	N	152.242	W	83					95	SOUTHERN ALASKA. <AEIC>.
	01	23	37	55.9*	36.926	N	71.289	E	33	N	3.9		1.5	9	AFGHANISTAN-TAJIKISTAN BORD REG.
	02	01	06	22.6&	60.004	N	153.581	W	159					31	SOUTHERN ALASKA. <AEIC>.
	02	01	37	37.6*	16.826	N	102.357	W	33	N	4.0		0.9	13	OFF COAST OF GUERRERO, MEXICO
	02	01	58	17.0&	64.274	N	148.497	W	20					66	CENTRAL ALASKA. <AEIC>. ML 3.8 (AEIC), 4.0 (PMR). Felt in the College-Fairbanks area. Also felt along Chena Hot Springs Road and Badger Road.
	02	02	01	52.2	42.733	N	111.053	W	5	G			0.5	13	EASTERN IDAHO. ML 2.9 (GS).
	02	02	11	51.1&	34.179	N	118.547	W	17					22	SOUTHERN CALIFORNIA. <PAS-P>. MD 2.7 (PAS). ML 2.8 (GS).
	02	03	05	22.9?	29.76	N	138.65	E	435	?	4.3		0.7	10	SOUTH OF HONSHU, JAPAN
	02	03	35	37.9&	34.193	N	116.441	W	0					25	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.2 (GS).

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													Felt.
	02	03	37	52.7&	34.201	N	116.440	W	1			5	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS), 2.8 (GS).
a	02	03	38	03.8	19.803	N	72.799	W	59 D	5.2 5.0	1.1	245	HAITI REGION. Mw 5.4 (HRV). Ms 5.1 (BRK). Four people killed and damage to houses in the St. Luis du Nord area. Felt (V) at Dajabon, Mao and Villa Vasquez; (IV) at Santiago; (III) at Santo Domingo, Dominican Republic. Felt in eastern Cuba as far west as Santiago de Cuba and Holguin.
	02	03	57	37.1&	60.039	N	141.596	W	5			68	SOUTHEASTERN ALASKA. <AEIC>. ML 3.8 (AEIC), 3.9 (PGC).
	02	04	12	29.9	42.721	N	111.097	W	5 G		0.9	17	EASTERN IDAHO. ML 3.3 (GS), 3.4 (BUT).
	02	05	30	32.4*	25.865	S	69.094	W	92 *	4.3	1.4	10	NORTHERN CHILE
	02	06	06	46.6%	39.227	N	30.327	E	5 G		0.5	6	TURKEY. ML 2.9 (ISK).
	02	06	13	15.9%	34.039	S	70.569	W	10 G		0.9	6	CHILE-ARGENTINA BORDER REGION
	02	06	55	05.3%	34.176	S	71.196	W	60 G		0.1	9	NEAR COAST OF CENTRAL CHILE
	02	07	02	26.5*	51.104	N	7.485	E	10 G		1.3	11	GERMANY. ML 3.0 (UCC), 2.8 (KOE), 2.7 (BNS).
	02	07	45	52.8?	41.08	N	28.71	E	10 G		0.7	4	TURKEY. ML 2.7 (ISK).
	02	08	45	45.7%	44.187	N	6.509	E	5 G		0.3	8	FRANCE. ML 2.4 (GEN).
	02	10	15	41.4&	33.968	N	117.175	W	13			39	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS), 2.7 (GS).
	02	10	21	45.5&	40.638	N	125.307	W	23	3.3		50	OFF COAST OF NORTHERN CALIFORNIA. <GM-P>. MD 3.7 (GM). ML 4.0 (BRK). Mo=1.0*10**15 Nm (BRK).
	02	11	27	22.1?	16.28	N	97.65	W	33 N		1.2	6	OAXACA, MEXICO
	02	12	39	44.6*	36.802	N	28.763	E	33 N		0.6	5	DODECANESE ISLANDS. ML 3.4 (ISK).
	02	12	50	16.2&	34.246	N	118.482	W	14			21	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS), 2.8 (GS). Felt at Granada Hills, Van Nuys and Woodland Hills.
	02	13	00	09.0	36.434	N	69.826	E	24 D	4.8 4.2	1.0	63	HINDU KUSH REGION, AFGHANISTAN
	02	13	13	49.1&	64.994	N	148.677	W	19			25	CENTRAL ALASKA. <AEIC>. ML 2.9 (AEIC).
	02	13	37	40.6	44.671	N	130.069	W	10 G	4.2	0.8	69	OFF COAST OF OREGON
	02	14	57	22.6*	30.844	N	60.460	E	33 N	4.6	1.2	33	NORTHERN IRAN
	02	15	20	23.3%	45.146	S	167.395	E	70 G		0.9	15	SOUTH ISLAND, NEW ZEALAND
	02	15	25	28.3	80.196	N	1.728	W	10 G	4.5	1.3	23	NORTH OF SVALBARD
	02	15	35	11.8	35.504	N	26.754	E	59	4.2	1.2	73	CRETE. MD 4.1 (ATH).
	02	15	50	30.9&	34.234	N	116.442	W	0			8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS).
	02	15	51	04.9%	37.833	N	0.924	W	5 G		1.2	12	SPAIN. mbLg 2.9 (MDD). Felt (III) in the Sucina area.
	02	16	50	11.2	44.114	N	6.974	E	10 G		0.6	33	FRANCE. ML 2.8 (GEN), 2.8 (LDG).
	02	17	02	50.8%	59.363	N	6.063	E	10 G		0.5	5	SOUTHERN NORWAY. MD 1.5 (BER).
	02	17	24	35.7*	33.475	N	33.253	E	10 G		1.2	13	EASTERN MEDITERRANEAN SEA. ML 3.7 (CSS), 3.7 (BHL).
	02	17	30	38.7&	40.418	N	124.363	W	11			23	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 2.9 (GM).
	02	19	00	04.3?	3.69	N	63.80	E	10 G	4.6	0.7	5	CARLSBERG RIDGE
a	02	19	17	15.3	19.851	S	175.043	W	158	5.2	0.9	210	TONGA ISLANDS. Mw 5.4 (HRV).
	02	20	06	03.6&	34.202	N	118.613	W	3			22	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 3.2 (GS). Felt.
	02	20	26	14.7%	47.178	N	0.566	W	10 G		0.7	5	FRANCE. ML 2.1 (LDG).
	02	20	34	25.8?	7.40	S	128.66	E	156 ?	4.5	1.2	14	BANDA SEA
	02	20	45	09.2&	34.973	N	116.961	W	1			15	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	02	22	08	14.1%	36.309	N	1.095	E	10 G		0.7	9	NORTHERN ALGERIA. mbLg 3.5 (MDD).
	02	22	25	48.2&	62.359	N	151.160	W	82			68	CENTRAL ALASKA. <AEIC>.
	02	22	26	12.4%	33.133	S	70.257	W	13		0.3	11	CHILE-ARGENTINA BORDER REGION. MD 3.9 (SAN).
	02	22	29	45.6?	57.38	N	142.69	W	10 G		0.4	10	GULF OF ALASKA. ML 2.9 (AEIC).
	02	23	07	37.5%	36.591	N	2.783	W	10 G		0.7	9	STRAIT OF GIBRALTAR. mbLg 2.9 (MDD).
	02	23	22	08.6*	3.504	N	63.809	E	10 G	4.8	1.1	30	CARLSBERG RIDGE
	03	00	33	28.9	42.774	N	111.054	W	5 G		1.1	22	EASTERN IDAHO. ML 3.6 (GS), 3.9 (BUT).
	03	00	42	44.3*	8.982	N	71.382	W	10 G	4.2	0.5	7	VENEZUELA
	03	01	13	56.2	42.774	N	111.110	W	5 G		0.5	11	EASTERN IDAHO. ML 2.5 (GS).
	03	01	59	22.3*	4.579	S	135.083	E	33 N	4.7	1.5	9	IRIAN JAYA REGION, INDONESIA
	03	02	54	29.7*	9.804	N	78.123	W	10 G	4.2	1.2	8	PANAMA. MD 4.4 (UPA).
	03	04	02	04.2	43.091	N	0.204	E	5 G		1.1	42	FRANCE. ML 3.5 (LDG). mbLg 3.3 (MDD). MD 3.3 (BTH). Felt (IV) in the Bigorre region. Also felt at Lourdes.
	03	04	31	43.9*	38.693	N	20.466	E	5 G		1.4	9	GREECE. MD 3.1 (ATH).
	03	04	46	52.9	42.832	N	111.112	W	5 G		0.7	7	EASTERN IDAHO. ML 2.7 (GS).
	03	04	53	46.1&	40.846	N	124.098	W	26			26	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 2.9 (GM). Felt at Eureka.
a	03	05	51	49.7	0.419	N	125.973	E	37 D	5.1 4.7	1.0	62	NORTHERN MOLUCCA SEA. Mw 5.3 (HRV).
	03	05	55	24.1	38.337	N	22.156	E	5 G		1.4	13	GREECE. ML 3.4 (THE). MD 3.4 (ATH).
	03	07	13	17.7	42.796	N	111.066	W	5 G	3.4	0.9	27	EASTERN IDAHO. ML 4.1 (GS), 4.4 (BUT). Felt (IV) at Auburn and Fairview, Wyoming. Also felt (IV) at Georgetown, Idaho. Felt (III) at Afton, Grover and Smoot, Wyoming.
	03	07	21	29.1%	44.517	N	4.325	E	5 G		0.4	7	FRANCE. ML 2.3 (LDG).
	03	07	26	58.0	42.879	N	111.110	W	5 G		0.5	12	EASTERN IDAHO. ML 2.8 (GS).
	03	07	38	23.6%	36.486	N	2.872	W	10 G		0.4	7	STRAIT OF GIBRALTAR. mbLg 2.9 (MDD).
	03	07	54	24.5	42.881	N	111.173	W	5 G		0.7	10	EASTERN IDAHO. ML 2.6 (GS).
	03	08	37	33.4	4.457	S	143.664	E	116	4.6	0.9	40	NEW GUINEA, PAPUA NEW GUINEA
	03	08	47	40.0	42.791	N	111.128	W	5 G		0.7	19	EASTERN IDAHO. ML 3.3 (GS), 3.3 (BUT).
	03	09	53	50.0&	34.379	N	118.492	W	1			25	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 2.9 (GS). Felt.
	03	10	07	48.5	42.787	N	111.075	W	5 G		0.9	20	EASTERN IDAHO. ML 3.6 (GS), 3.8 (BUT). Felt in the Afton, Wyoming area.
	03	10	30	47.6	42.854	N	111.109	W	5 G		0.8	11	EASTERN IDAHO. ML 2.9 (GS).
	03	10	33	48.4	42.822	N	111.132	W	5 G		0.4	8	EASTERN IDAHO. ML 2.6 (GS).
	03	10	47	41.3	4.338	S	144.306	E	152	4.9	1.0	57	NEAR N COAST OF NEW GUINEA, PNG.
	03	13	00	17.9	45.738	N	14.266	E	10 G		1.1	6	NORTHWESTERN BALKAN REGION
	03	13	09	38.9%	37.144	N	3.649	W	5 G		1.5	8	SPAIN. mbLg 2.9 (MDD).
	03	13	15	05.1?	31.18	S	71.77	W	33 N		0.3	11	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	03	13	17	58.8&	59.977	N	151.805	W	58			99	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.7 (AEIC), 3.8 (PMR). Felt at Homer.
	03	14	34	08.7%	39.172	N	30.015	E	5 G		0.4	6	TURKEY. ML 2.7 (ISK).
	03	14	49	44.2%	16.654	N	99.131	W	10 G		1.2	6	NEAR COAST OF GUERRERO, MEXICO
	03	14	56	48.9*	27.920	N	57.234	E	33 N	4.7	1.5	9	SOUTHERN IRAN
	03	15	10	48.9?	33.13	N	48.39	E	33 N	4.3 4.1	1.2	8	WESTERN IRAN
	03	15	16	59.9	13.252	N	87.572	W	180 D	4.3	1.1	34	HONDURAS
	03	16	52	40.0	73.663	N	8.296	E	10 G	4.7 4.6	1.2	77	GREENLAND SEA
	03	17	27	58.2&	32.269	N	115.249	W	6 G			24	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.6 (PAS), 3.5 (GS). MD 3.8 (ECX).

	03	17	34	33.7&	33.930	N	118.207	W	15				25	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS). Felt.
	03	17	43	24.0&	62.249	N	149.320	W	53				84	CENTRAL ALASKA. <AEIC>. ML 3.2 (AEIC), 3.0 (PMR).
	03	18	02	00.1	81.377	N	115.596	W	10	G	4.7 4.4	1.3	40	ARCTIC OCEAN
	03	19	33	14.7	36.376	N	21.532	E	73	*	4.1	1.2	26	SOUTHERN GREECE. MD 3.8 (ATH).
	03	20	03	12.9&	40.241	N	124.190	W	11				5	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 2.7 (GM).
	03	20	03	51.6%	45.992	N	2.905	E	10	G		0.8	12	FRANCE. ML 1.9 (LDG).
	03	20	13	47.6%	36.633	N	2.913	W	10	G		1.0	5	STRAIT OF GIBRALTAR. mbLg 2.4 (MDD).
	03	20	33	08.9*	18.450	N	146.755	E	81	*	4.7	0.6	16	MARIANA ISLANDS
	03	21	51	17.7*	18.638	S	175.234	W	234	?	4.4	1.2	33	TONGA ISLANDS
	03	21	53	31.4%	40.302	S	173.365	E	211	*		0.3	20	COOK STRAIT, NEW ZEALAND
	03	22	56	12.6*	1.908	N	97.892	E	33	N	4.5	1.0	7	NORTHERN SUMATERA, INDONESIA
	03	23	03	16.1	58.587	N	155.759	W	176		4.3	1.0	130	ALASKA PENINSULA. Felt at King Salmon.
	03	23	35	02.9*	13.503	N	145.880	E	71	*	4.6	1.2	33	MARIANA ISLANDS
	03	23	54	01.0	28.900	N	52.465	E	33	N	4.9 3.9	1.1	159	SOUTHERN IRAN. Additional damage in the Firuzabad area.
	04	00	36	52.0&	58.614	N	155.143	W	119		2.8		53	ALASKA PENINSULA. <AEIC>.
	04	00	59	13.4	37.511	N	28.353	E	10	G		0.6	6	TURKEY. ML 3.3 (ISK).
	04	01	30	48.4	24.672	S	129.304	W	10	G	4.8	1.1	45	SOUTH PACIFIC OCEAN
	04	02	01	02.4%	17.441	N	94.648	W	33	N		1.0	7	CHIAPAS, MEXICO
	04	03	12	14.4?	34.43	N	22.54	E	10	G	3.7	1.1	8	CENTRAL MEDITERRANEAN SEA. ML 4.0 (ATH).
	04	06	13	30.8&	60.588	N	142.620	W	2				31	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	04	07	08	41.1	12.497	S	76.873	W	87		4.7	0.7	28	NEAR COAST OF PERU. Felt (IV) at Lima and Canete; (II) at Pisco.
	04	07	29	36.5%	33.726	S	71.636	W	10	G		0.4	10	NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).
	04	08	45	41.9	58.098	N	142.751	W	10	G	3.6	1.1	42	GULF OF ALASKA. ML 3.4 (AEIC).
	04	08	54	17.2%	40.831	N	28.357	E	5	G		0.5	5	TURKEY. ML 2.6 (ISK).
	04	08	54	44.9?	20.04	S	69.73	W	95	?	3.6	1.4	6	NORTHERN CHILE
	04	09	00	52.8*	58.207	N	142.823	W	10	G	3.3	0.3	13	GULF OF ALASKA. ML 2.9 (AEIC).
	04	09	19	48.1?	40.29	N	21.87	E	5	G		0.5	5	GREECE. ML 2.0 (THE).
	04	09	31	46.2*	43.139	N	126.921	W	10	G	3.4	0.6	31	OFF COAST OF OREGON
	04	09	32	07.7?	34.17	S	72.04	W	33	N		0.4	10	NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	04	10	00	22.0%	37.031	N	3.928	W	10	G		0.6	9	SPAIN. mbLg 2.8 (MDD).
	04	11	40	23.7?	44.28	N	7.26	E	10	G		0.2	4	NORTHERN ITALY. ML 1.6 (GEN).
	04	12	18	26.3?	8.72	S	147.90	E	123	*	4.1	0.7	6	EASTERN NEW GUINEA REG., P.N.G.
	04	12	21	50.8	13.265	N	144.980	E	72		5.0	1.2	72	MARIANA ISLANDS. Felt (III) in the Anigua-Yigo area, Guam.
	04	13	33	04.6*	57.880	S	25.492	W	33	N	5.2	1.0	34	SOUTH SANDWICH ISLANDS REGION
	04	13	47	59.0	39.171	N	26.410	E	10	G		0.5	7	TURKEY. ML 3.4 (THE).
	04	14	19	06.8%	44.064	N	7.663	E	10	G		0.3	7	NORTHERN ITALY. ML 1.9 (GEN).
	04	15	02	13.0*	51.965	N	176.011	E	33	N	3.8	1.3	6	RAT ISLANDS, ALEUTIAN ISLANDS
	04	16	23	09.9	8.551	N	82.321	W	10	G		1.1	8	PANAMA-COSTA RICA BORDER REGION. ML 4.1 (UPA).
	04	16	24	30.8&	34.977	N	116.943	W	4				33	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 2.8 (GS).
	04	16	35	17.7&	33.461	N	118.251	W	6	G			25	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	04	16	49	15.4	2.175	S	106.018	W	10	G	5.1	1.1	44	CENTRAL EAST PACIFIC RISE
	04	17	03	12.0%	40.151	N	28.723	E	10	G		0.4	6	TURKEY. ML 2.6 (ISK).
	04	17	10	13.9?	6.61	S	147.95	E	33	N	4.0	0.9	5	EASTERN NEW GUINEA REG., P.N.G. ML 4.1 (PMG).
	04	18	07	55.5	40.952	N	20.848	E	10	G		1.0	10	GREECE-ALBANIA BORDER REGION. ML 2.8 (SKO), 2.8 (THE).
	04	19	29	41.2%	36.607	N	2.876	W	5	G		0.6	6	STRAIT OF GIBRALTAR. mbLg 2.7 (MDD).
	04	20	06	49.3?	23.16	S	66.55	W	230	?		1.0	7	JUJUY PROVINCE, ARGENTINA
	04	21	13	27.6?	43.73	N	16.36	E	31	*		1.4	7	NORTHWESTERN BALKAN REGION. ML 2.4 (LJU).
a	04	21	42	29.7	14.918	S	166.786	E	29	D	5.4 5.1	1.2	125	VANUATU ISLANDS. Mw 5.4 (HRV).
	04	22	01	48.8&	34.391	N	118.627	W	16				34	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 3.1 (GS).
	04	22	21	34.1	45.614	N	26.748	E	149		3.3	1.1	33	ROMANIA
	04	23	03	28.5?	40.63	N	3.39	W	10	G		0.8	4	SPAIN. mbLg 2.5 (MDD).
	04	23	08	13.0	41.733	N	45.257	E	10	G	4.4	1.2	28	EASTERN CAUCASUS. Felt (III) at Tbilisi, Georgia.
	04	23	30	38.5?	34.33	S	71.99	W	10	G		0.5	10	NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).
	04	23	48	52.7&	34.198	N	118.566	W	19				32	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS), 2.7 (GS). Felt.
	04	23	54	16.6?	10.92	N	62.19	W	90	G		1.2	6	NEAR COAST OF VENEZUELA. MD 3.2 (TRN).
	05	00	16	10.4%	33.514	S	71.132	W	56	?		0.2	10	NEAR COAST OF CENTRAL CHILE. MD 3.4 (SAN).
	05	01	44	24.9*	4.925	S	131.067	E	33	N	4.5	0.7	13	BANDA SEA
	05	01	55	55.8*	17.264	N	94.649	W	33	N		0.6	6	CHIAPAS, MEXICO
	05	02	01	05.3&	37.686	N	118.912	W	5				10	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.6 (GM). ML 2.6 (GS).
	05	02	28	10.6	39.335	N	25.959	E	10	G		1.0	17	AEGEAN SEA. ML 3.3 (THE).
	05	03	10	40.6?	59.36	S	25.86	W	33	N	4.6	1.2	10	SOUTH SANDWICH ISLANDS REGION
	05	03	13	39.6?	23.45	S	179.55	W	500	G	4.6	1.1	12	SOUTH OF FIJI ISLANDS
	05	03	33	51.7?	32.42	S	71.78	W	13			0.7	10	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
	05	03	49	58.1&	61.399	N	147.962	W	34				54	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
a	05	04	03	52.5	36.579	N	68.659	E	27	D	5.1 4.4	1.0	156	HINDU KUSH REGION, AFGHANISTAN. Mw 5.1 (HRV).
	05	04	12	53.5%	48.136	N	1.148	W	10	G		0.7	5	FRANCE. ML 2.1 (LDG).
	05	04	25	26.8?	47.74	N	147.36	E	360	?	3.5	1.2	9	NORTHWEST OF KURIL ISLANDS
	05	05	05	27.5%	40.474	N	23.529	E	5	G		0.6	5	GREECE. ML 2.1 (THE).
	05	05	09	47.6*	51.377	N	15.680	E	10	G		0.8	6	POLAND
	05	07	22	48.4	42.873	N	111.088	W	5	G		0.8	9	EASTERN IDAHO. ML 2.5 (GS).
	05	08	02	41.8*	42.727	N	144.046	E	113		3.9	1.1	16	HOKKAIDO, JAPAN REGION
	05	08	12	01.7	44.476	N	7.252	E	14			0.6	22	NORTHERN ITALY. ML 2.9 (GEN), 2.3 (LDG).
	05	11	08	34.4*	6.232	S	146.383	E	10	G	4.2	1.1	8	EASTERN NEW GUINEA REG., P.N.G. ML 4.7 (PMG).
	05	11	12	39.7*	61.126	S	153.746	E	10	G	4.6	1.3	22	BALLENY ISLANDS REGION
	05	11	35	22.3%	44.234	N	2.319	E	10	G		0.4	6	FRANCE. ML 2.2 (LDG).
	05	11	53	06.0?	7.79	S	124.69	E	200	?	4.4	1.2	8	BANDA SEA
	05	12	23	20.9&	32.958	N	117.842	W	6	G			26	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 2.8 (PAS).
	05	12	57	25.5*	45.026	N	28.861	E	33	N	3.1	1.5	7	UKRAINE-MOLDOVA-SW RUSSIA REGION
	05	13	56	56.6&	48.535	N	123.467	W	25				11	VANCOUVER ISLAND REGION. <PGC-P>. ML 2.0 (PGC). Felt on the Saanich Peninsula.
	05	14	23	12.0&	34.311	N	118.475	W	3				39	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 3.3 (GS).
	05	14	55	49.9&	60.064	N	149.244	W	15		2.3		83	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.0 (AEIC).
	05	15	26	06.9%	37.022	N	4.297	W	10	G		1.3	19	SPAIN. mbLg 3.2 (MDD).
	05	16	18	21.6	34.837	N	26.727	E	66		3.9	0.9	24	CRETE. MD 4.0 (ATH).
	05	17	08	26.4	58.114	N	142.678	W	10	G	3.2	0.6	26	GULF OF ALASKA. ML 3.0 (AEIC), 3.0 (PGC).
	05	18	53	23.0	24.025	S	179.820	E	523	*	4.3	1.4	35	SOUTH OF FIJI ISLANDS
	05	19	15	36.8*	0.934	N	126.051	E	54	?	4.6	1.0	14	NORTHERN MOLUCCA SEA
	05	20	07	38.9?	20.25	S	168.00	E	10	G	4.2	1.0	7	LOYALTY ISLANDS

	05	20	10	29.7	39.515	N	28.323	E	10	G			1.4	8	TURKEY. ML 3.1 (ISK).
	05	21	24	31.5?	44.42	N	7.22	E	10	G			0.0	4	NORTHERN ITALY. ML 1.5 (GEN).
	05	21	26	13.1%	39.391	S	174.407	E	245	*			0.4	23	NORTH ISLAND, NEW ZEALAND
	05	21	32	04.0	40.043	N	24.444	E	10	G			0.5	7	AEGEAN SEA. ML 2.6 (THE).
	05	22	42	05.8	43.621	N	6.375	E	10	G			1.0	11	NEAR SOUTH COAST OF FRANCE. ML 2.4 (LDG).
	05	22	49	10.0	0.830	S	24.506	W	10	G	4.7		0.9	49	CENTRAL MID-ATLANTIC RIDGE
	05	22	51	03.8&	64.179	N	151.114	W	18					7	CENTRAL ALASKA. <AEIC>. ML 2.4 (AEIC), 3.2 (PMR).
	05	23	08	58.5&	59.307	N	152.534	W	73		4.0			118	SOUTHERN ALASKA. <AEIC>.
	05	23	25	50.7?	47.80	N	3.74	W	10	G			0.8	19	FRANCE. ML 3.1 (LDG).
	05	23	37	56.1&	34.308	N	118.478	W	4					43	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 3.0 (GS). Felt.
	05	23	42	53.6%	39.504	N	28.343	E	10	G			0.8	5	TURKEY. ML 2.8 (ISK).
	06	00	27	06.2?	41.63	N	22.91	E	10	G			1.0	5	NORTHWESTERN BALKAN REGION. ML 2.4 (ISK).
	06	01	21	24.2*	37.893	N	20.967	E	5	G			1.0	5	IONIAN SEA. MD 3.2 (ATH).
	06	02	51	48.3?	27.09	N	112.05	W	10	G			0.8	7	BAJA CALIFORNIA, MEXICO
	06	03	32	12.7*	21.006	S	178.367	W	488	*	4.4		0.8	44	FIJI ISLANDS REGION
	06	03	35	17.1%	44.366	N	7.297	E	5	G			0.4	7	NORTHERN ITALY. ML 1.8 (GEN).
	06	03	39	38.0*	31.750	S	178.949	W	33	N	5.1		1.3	26	KERMADEC ISLANDS REGION
	06	04	27	28.8&	61.682	N	151.908	W	104					75	SOUTHERN ALASKA. <AEIC>.
	06	04	48	19.9	17.025	N	147.275	E	43	*	4.5		0.9	42	MARIANA ISLANDS REGION
	06	04	54	41.1	6.400	N	33.554	W	10	G	4.7		1.0	30	CENTRAL MID-ATLANTIC RIDGE
	06	05	20	43.9*	6.402	S	130.536	E	132	?	4.7		1.4	12	BANDA SEA
	06	05	24	14.4&	34.275	N	118.458	W	9					36	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS), 2.7 (GS).
	06	05	29	08.8%	8.637	N	82.351	W	10	G			0.4	5	PANAMA-COSTA RICA BORDER REGION. ML 3.7 (UPA).
	06	06	22	18.3?	14.05	N	144.17	E	143	*	4.9		1.1	12	MARIANA ISLANDS
	06	06	24	24.4*	43.359	N	17.408	E	10	G			1.2	12	NORTHWESTERN BALKAN REGION. MD 3.5 (TRI).
	06	06	37	15.3*	17.899	S	178.421	W	591	*	4.3		0.7	21	FIJI ISLANDS REGION
	06	07	52	54.5*	5.997	S	142.373	E	10	G	4.3		1.1	8	NEW GUINEA, PAPUA NEW GUINEA
a	06	08	01	43.0	21.556	S	113.701	W	10	G	5.6	5.7	0.9	161	SOUTHERN EAST PACIFIC RISE. Mw 5.8 (HRV). Ms 5.8 (BRK). Mo=2.2*10**18 Nm (PPT).
	06	08	33	19.6&	40.674	N	125.282	W	25					8	OFF COAST OF NORTHERN CALIFORNIA. <GM-P>. MD 3.4 (GM). ML 3.5 (BRK).
	06	09	53	09.7&	59.853	N	153.113	W	117					45	SOUTHERN ALASKA. <AEIC>.
	06	10	13	19.8	41.905	N	139.139	E	15		4.3		1.2	39	HOKKAIDO, JAPAN REGION. Felt (III JMA) on Okushiri.
	06	10	14	17.9	39.970	N	23.507	E	5	G			0.5	7	AEGEAN SEA. ML 2.3 (THE).
	06	10	22	02.1*	36.429	N	31.498	E	33	N			1.2	5	TURKEY. ML 3.6 (ISK).
	06	10	23	58.7&	34.248	N	118.476	W	14					46	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 3.1 (GS). Felt.
	06	10	26	56.9?	20.81	S	178.03	W	470	?	4.6		1.2	9	FIJI ISLANDS REGION
	06	10	41	14.5&	34.296	N	118.461	W	6	G				34	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS), 2.7 (GS).
	06	10	51	30.1%	38.068	S	176.414	E	190	*			0.8	31	NORTH ISLAND, NEW ZEALAND
	06	11	08	50.8?	33.80	S	70.37	W	104	?			0.1	10	CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
	06	11	33	27.0*	6.902	S	146.824	E	33	N	4.2		1.1	5	EASTERN NEW GUINEA REG., P.N.G.
	06	13	23	01.3%	39.765	N	23.527	E	10	G			0.8	7	AEGEAN SEA. ML 2.3 (THE).
	06	16	21	48.0%	33.085	S	71.324	W	60	G			0.3	10	NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).
	06	16	54	35.5?	36.84	N	71.61	E	104	?	4.4		0.9	9	AFGHANISTAN-TAJIKISTAN BORD REG.
	06	17	24	35.8	42.795	N	111.116	W	5	G			0.8	20	EASTERN IDAHO. ML 3.4 (GS), 3.4 (BUT).
	06	17	44	04.4?	40.27	N	29.32	E	5	G			0.6	4	TURKEY. ML 2.5 (ISK).
	06	18	00	06.7?	45.73	N	126.16	W	10	G	2.3		0.4	14	OFF COAST OF OREGON
	06	18	19	11.4&	34.354	N	118.522	W	3					37	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS), 2.9 (GS).
	06	19	37	20.0	24.813	N	122.057	E	97	*	4.7		1.2	73	TAIWAN REGION
	06	19	38	06.0%	37.774	S	176.031	E	265	?			0.5	26	NORTH ISLAND, NEW ZEALAND
	06	19	57	31.6	0.858	S	77.318	W	33	N			1.3	9	ECUADOR
	06	20	10	23.5%	40.289	N	29.289	E	10	G			0.6	6	TURKEY. ML 2.7 (ISK).
	06	20	34	06.3%	40.290	N	24.991	E	10	G			0.3	5	AEGEAN SEA. ML 2.4 (THE).
	06	20	45	10.0*	41.411	N	22.722	E	10	G			0.1	5	NORTHWESTERN BALKAN REGION. ML 2.0 (THE).
	06	20	53	09.9	39.391	N	20.653	E	10	G			1.3	13	GREECE-ALBANIA BORDER REGION. MD 2.9 (ATH).
	06	21	06	42.3?	32.52	S	71.80	W	10	G			0.6	10	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	06	22	15	03.8	41.373	N	22.719	E	5	G			0.6	9	NORTHWESTERN BALKAN REGION. ML 2.3 (THE), 1.9 (SKO).
	06	22	49	44.1	40.093	N	24.809	E	10	G			0.9	32	AEGEAN SEA. ML 3.6 (ATH), 3.5 (THE).
	06	22	53	00.5&	33.197	N	115.569	W	5					31	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	06	22	58	51.3	40.116	N	24.824	E	10	G			0.9	11	AEGEAN SEA. ML 3.0 (THE). MD 3.1 (ATH).
	07	00	57	19.6*	29.026	N	52.726	E	10	G	4.2		0.9	15	SOUTHERN IRAN. Felt in the Firuzabad area.
	07	01	07	53.4*	27.668	N	34.385	E	10	G			0.6	9	RED SEA
	07	02	26	38.5*	14.862	S	173.850	W	33	N	4.5		0.8	25	SAMOA ISLANDS REGION
	07	02	36	37.8%	44.566	N	7.466	E	10	G			0.5	6	NORTHERN ITALY. ML 2.2 (LDG).
	07	02	58	30.0	40.132	N	24.770	E	10	G			0.4	8	AEGEAN SEA. MD 2.8 (ATH). ML 2.1 (THE).
	07	03	37	57.6	11.750	N	140.130	E	61	*	4.4	4.1	1.0	14	WESTERN CAROLINE ISLANDS
	07	03	47	01.7&	61.445	N	150.759	W	45					82	SOUTHERN ALASKA. <AEIC>. ML 3.0 (AEIC), 3.4 (PMR).
	07	03	52	42.1	38.881	N	2.970	W	5	G			0.8	14	SPAIN. mbLg 3.1 (MDD).
	07	04	31	15.2%	39.964	N	23.523	E	10	G			0.6	7	AEGEAN SEA. ML 2.2 (THE).
	07	04	34	07.7&	40.304	N	124.523	W	21					11	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 3.2 (GM). ML 3.1 (BRK).
a	07	04	44	57.5	11.737	N	140.100	E	26	D	5.1	5.3	1.3	79	WESTERN CAROLINE ISLANDS. Mw 5.6 (HRV).
	07	04	51	15.2&	29.811	N	116.512	W	1					6	OFF W. COAST OF BAJA CALIFORNIA. <ECX-P>. MD 3.6 (ECX).
	07	06	28	29.8?	50.38	S	112.81	E	10	G	5.3		0.8	19	SOUTHEAST INDIAN RIDGE
	07	08	03	47.1?	25.49	N	124.34	E	163	?	3.9		1.2	8	NORTHEAST OF TAIWAN
	07	09	04	01.5?	37.57	S	176.46	E	230	?			0.6	21	NORTH ISLAND, NEW ZEALAND
	07	09	05	25.5*	40.625	N	21.999	E	10	G			0.3	5	GREECE
	07	09	11	35.8&	34.623	N	116.605	W	0					49	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.7 (PAS), 3.7 (GS).
	07	10	09	01.9?	61.75	N	4.76	E	5	G			0.5	6	SOUTHERN NORWAY. MD 2.3 (BER).
	07	10	54	57.4	33.146	N	48.033	E	26	D	4.8	4.2	1.4	59	WESTERN IRAN. Felt at Khorramabad and Abdanan.
	07	11	19	06.9%	38.423	S	175.864	E	230				0.5	39	NORTH ISLAND, NEW ZEALAND
	07	15	16	28.1	38.942	N	24.848	E	11				1.1	17	AEGEAN SEA. ML 3.3 (ATH).
	07	15	30	40.6?	11.33	N	87.91	W	33	N	4.5		0.8	16	NEAR COAST OF NICARAGUA
	07	16	04	20.2*	24.325	S	179.643	E	567	*	4.2		0.4	8	SOUTH OF FIJI ISLANDS
	07	16	14	48.9*	51.241	N	178.971	W	33	N	4.2		0.9	21	ANDREANOF ISLANDS, ALEUTIAN IS.
	07	16	18	52.6?	33.49	S	69.03	W	5	G			0.4	10	CHILE-ARGENTINA BORDER REGION. MD 3.8 (SAN).
	07	16	30	40.3&	40.639	N	122.413	W	24					10	NORTHERN CALIFORNIA. <GM-P>. MD 3.3 (GM). ML 3.0 (BRK), 3.0 (GS). Felt (IV) at Redding; (III) at Bella Vista, Central Valley and Summit City; (II) at Anderson and Cottonwood.
	07	16	41	48.0?	34.59	S	70.72	W	5	G			0.4	10	CHILE-ARGENTINA BORDER REGION. MD 3.9 (SAN).

	07	16	49	12.9&	38.838	N	119.701	W	3				33	CALIFORNIA-NEVADA BORDER REGION. <BRK>. ML 4.0 (BRK), 3.8 (GS). MD 3.9 (GM). Felt (IV) at Genoa, Nevada. Also felt at Gardnerville, Nevada.
	07	17	07	26.3*	8.415	S	117.182	E	33 N	4.7	1.3	7		SUMBAWA REGION, INDONESIA
	07	17	29	00.3	36.475	N	71.075	E	194 *	4.4	1.0	58		AFGHANISTAN-TAJIKISTAN BORD REG.
	07	17	54	15.0%	40.938	N	8.226	W	10 G		0.9	6		PORTUGAL. mbLg 3.1 (MDD).
	07	17	55	41.3	37.534	N	21.447	E	99 ?		0.8	20		SOUTHERN GREECE. MD 3.5 (ATH).
	07	22	47	54.7?	17.10	S	174.66	W	33 N	4.7	0.7	15		TONGA ISLANDS
	07	23	16	18.5&	59.885	N	153.152	W	119			47		SOUTHERN ALASKA. <AEIC>.
	07	23	32	08.3	43.989	N	10.829	E	10 G		0.2	8		CENTRAL ITALY. ML 2.5 (LDG). MD 2.6 (FIR).
	07	23	34	03.5%	44.373	N	7.337	E	10 G		0.3	6		NORTHERN ITALY. ML 1.8 (GEN).
	08	00	08	15.8?	10.49	S	120.08	E	33 N	4.3	1.4	8		SUMBA REGION, INDONESIA. Felt (II) at Waingapu.
	08	00	30	27.5*	29.085	N	130.361	E	43 D	4.1	1.1	18		RYUKYU ISLANDS
	08	01	01	21.4%	40.689	N	23.492	E	10 G		0.3	7		GREECE. ML 1.9 (THE).
	08	01	34	12.9	41.703	N	20.699	E	5 G		1.0	14		ALBANIA. ML 2.8 (THE).
	08	01	57	32.7*	32.037	S	177.241	W	362 *	4.8	1.4	40		SOUTH OF KERMADEC ISLANDS
	08	02	07	11.5	47.186	N	115.932	W	5 G		0.5	45		MONTANA. ML 2.9 (GS), 3.4 (BUT). Felt (III) at Calder, Osburn and Silverton, Idaho. Also felt at Avery, Hoyt and Wallace, Idaho.
	08	03	40	21.0&	58.072	N	154.349	W	18	2.9		40		ALASKA PENINSULA. <AEIC>. ML 3.2 (AEIC).
	08	04	43	39.7&	59.680	N	152.581	W	76			83		SOUTHERN ALASKA. <AEIC>.
	08	05	32	49.6	38.246	N	23.859	E	5 G		1.0	16		GREECE. ML 3.0 (THE). MD 3.3 (ATH).
	08	05	38	21.6?	9.48	N	126.35	E	53 ?		0.9	5		MINDANAO, PHILIPPINE ISLANDS
	08	05	44	25.3&	32.054	N	115.409	W	4			22		CALIF.-BAJA CALIF. BORDER REGION. <ECX-P>. MD 3.5 (ECX).
	08	06	31	02.3?	12.21	S	118.01	E	33 N	4.3	1.3	9		SOUTH OF SUMBAWA, INDONESIA
	08	06	39	51.2	38.375	N	23.860	E	10 G		0.7	10		GREECE. ML 3.1 (THE). MD 3.2 (ATH).
	08	06	57	22.5?	44.18	N	8.48	E	10 G		1.0	5		NORTHERN ITALY. ML 1.4 (GEN).
	08	06	57	27.2%	44.257	N	8.297	E	5 G		1.1	6		NORTHERN ITALY. ML 2.0 (GEN).
	08	07	52	25.6%	44.287	N	8.192	E	5 G		0.3	9		NORTHERN ITALY. ML 2.4 (GEN).
	08	08	03	06.7*	38.687	N	20.579	E	10 G		0.5	5		GREECE. MD 2.9 (ATH).
	08	08	04	29.6%	44.245	N	8.214	E	10 G		0.2	7		NORTHERN ITALY. ML 2.0 (GEN).
	08	08	10	37.3%	44.260	N	8.265	E	5 G		0.3	8		NORTHERN ITALY. ML 1.3 (GEN).
	08	08	35	03.7&	40.615	N	122.272	W	19			8		NORTHERN CALIFORNIA. <GM-P>. MD 3.1 (GM). ML 3.0 (BRK), 2.8 (GS). Felt (IV) at Redding; (III) at Bella Vista; (II) at Cottonwood, Palo Cedro and Summit City.
	08	09	11	56.5%	39.653	N	29.432	E	10 G		0.3	5		TURKEY. ML 2.6 (ISK).
	08	10	06	00.1	38.382	N	23.577	E	5 G		1.3	18		GREECE. ML 3.4 (ATH), 3.2 (THE).
	08	10	39	13.3*	44.246	N	110.861	W	5 G		0.5	10		YELLOWSTONE REGION, WYOMING. ML 2.8 (GS).
	08	11	29	03.0	45.029	S	167.325	E	108 *	4.4	0.7	20		SOUTH ISLAND, NEW ZEALAND
	08	11	40	18.8	39.497	N	108.637	W	5 G		1.0	9		COLORADO. ML 2.9 (GS).
	08	12	03	56.3&	48.528	N	123.470	W	25			11		VANCOUVER ISLAND REGION. <PGC-P>. ML 2.1 (PGC). Felt on the Saanich Peninsula as far north as Sidney.
	08	12	33	34.2?	39.28	N	27.68	E	10 G		0.1	4		TURKEY. ML 2.8 (ISK).
	08	12	53	01.4&	34.245	N	118.458	W	11			39		SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.5 (GS). Felt.
	08	12	58	40.1&	57.542	N	155.694	W	77	2.7		42		ALASKA PENINSULA. <AEIC>.
	08	13	06	43.9%	38.778	N	2.957	W	10 G		0.7	5		SPAIN. mbLg 2.7 (MDD).
	08	13	24	04.9%	10.086	N	70.063	W	10 G		0.7	5		VENEZUELA. Felt at Carora.
	08	14	00	00.8%	47.448	N	11.742	E	10 G		0.9	5		AUSTRIA. ML 1.0 (VIE).
	08	14	58	59.3?	59.35	N	5.95	E	10 G		0.3	4		SOUTHERN NORWAY. MD 1.6 (BER).
	08	15	19	30.6*	15.121	S	72.990	W	99 *	4.5	1.4	11		SOUTHERN PERU
	08	15	24	31.8	28.967	N	131.065	E	40 D	4.7	1.0	39		SOUTHEAST OF RYUKYU ISLANDS
a	08	15	53	40.1	18.821	S	173.825	W	40 D	5.3 4.8	1.0	132		TONGA ISLANDS. Mw 5.3 (HRV).
	08	17	19	25.5%	33.682	S	71.697	W	15		0.4	10		NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	08	18	29	25.8	44.382	N	6.935	E	10 G		0.3	16		FRANCE. ML 2.3 (GEN), 2.2 (LDG).
	08	18	48	59.7*	3.476	N	82.845	W	33 N	4.1	1.2	12		SOUTH OF PANAMA
	08	19	55	21.1%	40.903	N	22.909	E	10 G		0.5	7		GREECE. ML 1.7 (THE).
	08	20	32	34.6*	6.827	S	146.841	E	33 N	4.3	1.2	5		EASTERN NEW GUINEA REG., P.N.G. ML 4.5 (PMG).
	08	20	56	11.5&	40.634	N	122.407	W	22			6		NORTHERN CALIFORNIA. <GM-P>. MD 2.8 (GM). ML 2.5 (GS).
	08	21	16	21.7?	51.50	N	15.91	E	10 G		0.7	8		POLAND. ML 3.1 (VIE).
	08	21	31	59.7%	39.410	N	22.815	E	10 G		0.4	5		GREECE. ML 1.6 (THE).
	08	21	41	06.4%	40.667	N	22.680	E	10 G		0.5	11		GREECE. ML 2.2 (THE), 2.0 (SKO).
	08	21	58	00.4&	46.597	N	119.746	W	2			29		WASHINGTON. <SEA-P>. MD 2.6 (SEA).
	08	22	18	22.0%	39.424	N	22.797	E	10 G		0.4	7		GREECE. ML 1.8 (THE).
	08	22	44	32.4%	32.303	S	70.395	W	100 G		0.4	12		CHILE-ARGENTINA BORDER REGION. MD 4.1 (SAN).
	08	22	50	33.2&	61.048	N	151.138	W	57			87		SOUTHERN ALASKA. <AEIC>. ML 3.4 (AEIC).
	09	01	16	27.9?	32.07	S	117.37	E	5 G		0.8	4		WESTERN AUSTRALIA
	09	01	21	27.8*	1.056	S	15.988	W	10 G	4.7 4.1	1.0	28		NORTH OF ASCENSION ISLAND
	09	01	52	38.7	44.376	N	6.927	E	11		0.2	15		FRANCE. ML 2.3 (GEN), 2.1 (LDG).
	09	02	13	02.3&	40.606	N	122.278	W	21			10		NORTHERN CALIFORNIA. <GM-P>. MD 3.1 (GM). ML 3.1 (BRK). Felt (IV) at Palo Cedro and Central Valley; (III) at Redding; (II) at Cottonwood.
	09	02	20	43.6	38.446	N	0.068	W	15		0.9	16		SPAIN. mbLg 3.0 (MDD). Felt (III) in the Villajoyosa area.
	09	02	51	13.9&	34.013	N	119.181	W	4			27		SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS).
	09	02	56	04.9*	39.149	N	20.891	E	10 G		1.1	6		GREECE-ALBANIA BORDER REGION. ML 2.4 (THE).
	09	03	38	57.6	52.656	N	157.007	E	189 D	4.2	0.7	38		KAMCHATKA
	09	04	30	09.1&	34.944	N	116.661	W	6 G			24		SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 3.0 (GS).
	09	04	39	08.8?	31.22	S	70.07	W	140 G		0.5	11		CHILE-ARGENTINA BORDER REGION. MD 3.8 (SAN).
	09	04	55	14.1	57.660	N	142.969	W	10 G		0.7	52		GULF OF ALASKA. ML 3.3 (AEIC), 3.4 (PGC).
	09	05	11	24.0*	46.104	N	14.778	E	10 G		0.7	5		NORTHWESTERN BALKAN REGION
	09	06	13	37.1?	32.63	N	47.15	E	10 G	4.5	1.4	7		IRAN-IRAQ BORDER REGION
	09	08	11	43.0&	36.595	N	121.187	W	4			17		CENTRAL CALIFORNIA. <GM-P>. MD 2.9 (GM). ML 2.9 (GS).
	09	08	25	05.5?	1.80	S	29.80	E	33 N	4.8	0.8	24		LAKE TANGANYIKA REGION
	09	08	43	25.5	57.667	N	142.983	W	10 G		1.1	74		GULF OF ALASKA. ML 3.7 (AEIC), 3.5 (PGC).
	09	09	17	05.4&	34.386	N	118.620	W	13			30		SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.8 (GS).
	09	09	36	45.3?	6.55	S	132.82	E	62 ?	4.6	1.2	7		TANIMBAR ISLANDS REG., INDONESIA
	09	09	44	25.5*	36.236	N	21.826	E	5 G		1.0	14		SOUTHERN GREECE. ML 3.7 (ATH), 3.6 (THE).
	09	10	02	55.6	36.427	N	141.155	E	42 D	5.0 4.7	1.1	119		NEAR EAST COAST OF HONSHU, JAPAN. Felt (III JMA) at Fukushima and Mito; (II JMA) at Onahama; (I JMA) at Tokyo and Sendai.
	09	10	23	54.2*	22.271	S	67.891	W	167 *	4.4	0.9	30		CHILE-BOLIVIA BORDER REGION

	09	10	32	49.1	5.345	S	152.214	E	61	*	4.6	0.6	14	NEW BRITAIN REGION, P.N.G.
	09	11	02	32.5	42.499	N	1.974	E	10	G		0.3	6	PYRENEES. ML 2.5 (LDG).
a	09	12	08	34.5	9.580	S	154.986	E	38	D	5.7 5.6	1.1	170	D'ENTRECASTEAUX ISLANDS REGION. Mw 5.9 (HRV). Ms 5.3 (BRK). Mo=2.2*10**18 Nm (PPT).
	09	12	14	33.6	40.397	N	21.814	E	5	G		1.0	7	GREECE. ML 1.9 (THE).
	09	12	27	22.3	18.832	S	177.900	W	616	*	4.6	1.1	88	FIJI ISLANDS REGION
	09	12	28	10.6?	10.23	S	154.98	E	33	N	4.5	1.3	8	D'ENTRECASTEAUX ISLANDS REGION
	09	13	25	09.5*	42.483	N	24.068	E	10	G		0.8	6	BULGARIA
	09	13	53	11.3&	34.254	N	118.487	W	12				25	SOUTHERN CALIFORNIA. <PAS-P>. MD 2.6 (PAS). ML 2.7 (GS).
	09	15	27	38.1%	26.864	S	115.933	E	10	G		1.3	8	WESTERN AUSTRALIA
	09	15	32	37.6	38.638	N	20.358	E	10	G		1.1	15	GREECE. ML 3.2 (THE). MD 3.4 (ATH).
	09	16	46	19.4	50.806	N	6.425	E	10	G		0.3	8	GERMANY. ML 2.3 (KOE), 2.0 (UCC).
	09	16	54	49.0*	16.488	N	94.063	W	98	*	4.0	1.1	13	OAXACA, MEXICO
a	09	16	58	37.6	9.444	S	159.604	E	10	G	5.6 5.4	0.9	146	SOLOMON ISLANDS. Mw 5.8 (HRV). Mo=5.7*10**17 Nm (PPT). Felt (V) at Honiara.
	09	17	30	39.7	50.987	N	2.936	E	5	G		0.6	20	FRANCE. ML 2.8 (LDG).
	09	18	14	39.2	42.247	N	125.634	W	10	G	3.2	0.5	28	OFF COAST OF OREGON
	09	18	23	09.7	44.705	N	10.419	E	10	G		1.2	73	NORTHERN ITALY. ML 3.9 (GRF), 3.6 (LDG), 3.6 (VIE). MD 3.6 (TRI).
	09	19	15	49.7*	34.101	S	57.537	E	10	G	4.7	0.9	18	SOUTH INDIAN OCEAN
	09	19	50	47.1%	38.834	S	176.067	E	155	*		0.8	32	NORTH ISLAND, NEW ZEALAND
	09	20	19	26.1%	34.478	N	5.543	W	10	G		0.9	5	MOROCCO. MD 3.3 (RBA).
	09	20	37	31.4%	41.581	N	24.157	E	5	G		0.4	6	GREECE-BULGARIA BORDER REGION. ML 2.7 (THE).
	09	21	51	25.8%	33.559	S	70.044	W	10	G		0.3	10	CHILE-ARGENTINA BORDER REGION. MD 3.8 (SAN).
	09	22	16	32.2%	43.949	N	4.641	E	10	G		0.9	10	NEAR SOUTH COAST OF FRANCE. ML 2.6 (LDG).
	09	22	22	53.8*	17.231	N	68.416	W	33	N		0.3	8	MONA PASSAGE
f	09	23	28	06.7	18.039	S	178.413	W	563	G	6.6	1.0	655	FIJI ISLANDS REGION. Mw 7.5 (GS), 7.6 (HRV). Mo=3.4*10**20 Nm (PPT). Felt at Suva and Lautoka, Viti Levu. Depth from broadband displacement seismograms.
	09	23	50	24.2	17.985	S	178.257	W	591		6.0	1.0	90	FIJI ISLANDS REGION
	10	00	40	08.8&	42.243	N	121.964	W	9				19	OREGON. <SEA-P>. MD 2.7 (SEA). ML 2.5 (GS).
	10	00	42	09.9%	34.488	S	70.523	W	10	G		0.4	9	CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
	10	00	43	16.3*	19.809	S	179.557	W	577	*	5.2	1.0	30	FIJI ISLANDS REGION
	10	01	25	17.6%	44.491	N	6.742	E	10	G		0.3	5	FRANCE. ML 1.8 (GEN).
	10	01	32	30.4	42.771	N	111.074	W	5	G		0.9	26	EASTERN IDAHO. ML 3.8 (GS), 4.1 (BUT). Felt (III) at Afton, Auburn, Etna, Fairview and Grover, Wyoming. Felt (II) at Freedom, Wyoming.
	10	01	45	25.0	42.758	N	111.098	W	5	G		0.9	22	EASTERN IDAHO. ML 3.4 (GS), 3.3 (BUT).
	10	01	51	40.5	18.121	S	178.382	W	654		5.0	0.9	136	FIJI ISLANDS REGION
	10	02	44	18.8?	17.88	S	178.47	W	567	*	4.8	0.9	15	FIJI ISLANDS REGION
	10	03	46	21.8*	18.084	S	178.395	W	563	*	4.2	1.1	39	FIJI ISLANDS REGION
	10	03	58	27.9	17.808	N	65.347	W	10	G	4.1	0.9	18	PUERTO RICO REGION
	10	04	03	14.0*	18.522	S	179.065	W	566	*	5.0	1.0	42	FIJI ISLANDS REGION
	10	04	29	01.9%	43.930	N	8.731	E	10	G		0.3	9	CORSICA. ML 2.1 (GEN).
	10	04	49	51.1?	18.48	S	177.13	W	639	*	4.7	0.9	25	FIJI ISLANDS REGION
	10	05	09	00.3&	46.610	N	120.556	W	7				30	WASHINGTON. <SEA-P>. MD 2.7 (SEA).
	10	05	19	21.9?	43.99	N	9.13	E	10	G		0.4	5	CORSICA. ML 2.2 (LDG).
	10	05	22	02.8*	30.346	N	42.009	W	10	G	4.2	1.0	15	NORTHERN MID-ATLANTIC RIDGE
	10	05	24	20.0	6.136	N	82.560	W	21		4.5 4.9	0.7	18	SOUTH OF PANAMA. MD 4.7 (UPA).
	10	05	40	30.6%	33.959	S	70.831	W	80	G		0.2	10	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	10	05	57	21.7&	62.029	N	148.419	W	39				61	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC).
	10	06	48	52.0%	40.515	N	23.748	E	5	G		0.2	6	GREECE. ML 2.5 (THE).
	10	07	20	57.5%	44.292	N	9.775	E	10	G		0.2	5	NORTHERN ITALY. ML 2.6 (LDG).
	10	07	21	10.0%	44.818	N	8.111	E	10	G		0.6	5	NORTHERN ITALY
	10	07	59	55.6&	34.280	N	118.462	W	9				25	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS), 2.8 (GS).
	10	08	02	37.6	25.632	S	64.620	W	33	N	4.8	1.1	72	SALTA PROVINCE, ARGENTINA
	10	09	59	44.1?	17.40	S	178.62	W	579	*	4.1	0.3	7	FIJI ISLANDS REGION
	10	10	29	28.5	18.208	S	178.448	W	594		4.9	1.0	47	FIJI ISLANDS REGION
	10	10	35	36.4&	64.831	N	133.960	W	5	G			2	SOUTHERN YUKON TERRITORY, CANADA. <PGC-P>. ML 3.1 (PGC).
	10	11	23	16.4?	39.16	N	27.95	E	5	G		0.7	4	TURKEY. ML 2.7 (ISK).
	10	11	57	35.0?	36.67	N	5.91	W	33	N		1.1	5	STRAIT OF GIBRALTAR
	10	12	11	10.3&	48.246	N	121.666	W	8				36	WASHINGTON. <SEA-P>. MD 2.8 (SEA). Felt.
	10	12	23	54.7	41.605	N	22.408	E	5	G		0.5	6	NORTHWESTERN BALKAN REGION. ML 2.2 (THE), 1.7 (SKO).
	10	12	25	43.2	18.058	S	178.260	W	600	D	5.2	0.8	219	FIJI ISLANDS REGION
	10	12	44	14.7&	34.329	N	118.578	W	4				39	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.6 (GS). Felt.
	10	12	52	27.1*	13.697	S	167.187	E	231	?	4.9	1.1	31	VANUATU ISLANDS
	10	13	04	48.6%	39.473	N	28.792	E	5	G		0.3	5	TURKEY. ML 2.8 (ISK).
	10	13	23	16.8?	18.16	S	178.31	W	625	?	4.4	0.9	18	FIJI ISLANDS REGION
	10	13	51	11.2&	64.411	N	146.900	W	11				37	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC). Felt (II) at Salcha.
	10	14	14	23.2?	17.85	S	178.78	W	597	*	4.4	0.9	14	FIJI ISLANDS REGION
	10	14	18	11.4?	40.15	N	21.93	E	10	G		0.5	4	GREECE. ML 1.6 (THE).
	10	15	03	36.1	40.264	N	25.249	E	10	G		0.8	24	AEGEAN SEA. MD 3.6 (ATH).
	10	15	10	47.7*	6.062	S	147.873	E	54	*	4.8	0.8	9	EASTERN NEW GUINEA REG., P.N.G.
	10	15	41	47.0	40.246	N	25.262	E	45		4.0	1.0	60	AEGEAN SEA. MD 4.0 (ATH).
	10	17	43	32.6	14.251	N	145.160	E	130		5.4	1.2	159	MARIANA ISLANDS. Felt (IV) from Dededo to Merizo, Guam. Felt lightly on Saipan.
	10	18	04	16.9&	37.128	N	121.530	W	8				12	CENTRAL CALIFORNIA. <GM-P>. MD 2.6 (GM). ML 2.5 (GS).
	10	18	28	53.0	38.723	N	26.500	E	10			0.5	16	AEGEAN SEA. ML 3.8 (ATH), 3.6 (ISK).
	10	19	04	24.4*	52.169	N	173.753	E	33	N	4.4	0.7	32	NEAR ISLANDS, ALEUTIAN ISLANDS
	10	19	08	45.6	18.094	S	178.389	W	569		4.5	0.9	70	FIJI ISLANDS REGION
	10	20	00	06.5?	42.36	N	1.52	E	10	G		0.8	6	PYRENEES. ML 2.7 (LDG). mbLg 3.0 (MDD).
	10	20	04	35.4?	5.03	S	131.75	E	33	N	4.3	1.3	5	BANDA SEA
	10	20	08	10.2	37.301	N	141.161	E	101		4.1	0.8	24	NEAR EAST COAST OF HONSHU, JAPAN
	10	20	39	09.8*	37.290	N	21.031	E	10	G		1.0	16	SOUTHERN GREECE. ML 3.8 (ATH), 3.7 (THE).
	10	21	14	16.0*	38.689	N	26.420	E	10	G		0.4	8	AEGEAN SEA. ML 3.3 (ISK). MD 3.2 (ATH).
	10	21	28	47.7*	3.193	S	145.809	E	33	N	4.6	0.2	5	NEAR N COAST OF NEW GUINEA, PNG.
	10	21	39	26.9?	44.54	N	9.03	E	5	G		0.4	7	NORTHERN ITALY. ML 1.9 (GEN).
	10	22	22	39.8?	44.20	N	101.70	E	33	N	4.0	0.6	6	MONGOLIA
	10	23	04	16.7%	39.080	N	27.928	E	10	G		1.0	5	TURKEY. ML 2.8 (ISK).

	10	23	18	23.2	44.562	N	7.339	E	10	G		0.6	15	NORTHERN ITALY. ML 2.2 (GEN), 1.9 (LDG).
	11	00	59	17.1*	34.199	N	139.118	E	10	G	4.4	1.0	22	NEAR S. COAST OF HONSHU, JAPAN. Felt (III JMA) on Kozu-shima and (I JMA) on Miyake-jima.
	11	01	10	26.1*	34.213	N	139.300	E	10	G	4.1	1.1	7	NEAR S. COAST OF HONSHU, JAPAN. Felt (III JMA) on Kozu-shima and (I JMA) on Miyake-jima.
	11	02	06	22.7?	12.94	S	77.15	W	10	G		1.4	4	NEAR COAST OF PERU. Felt (II) at Chilca.
	11	02	13	20.9*	42.569	N	12.698	E	10	G		1.5	16	CENTRAL ITALY
a	11	03	12	11.3	34.220	N	139.167	E	10	G	5.2 5.1	0.9	186	NEAR S. COAST OF HONSHU, JAPAN. Mw 5.5 (HRV). Slight damage caused by landslides in the epicentral area. Felt (IV JMA) on Kozu-shima.
	11	03	22	03.1*	24.243	S	179.998	W	583	?	4.4	1.0	26	SOUTH OF FIJI ISLANDS
	11	03	37	41.3?	34.26	N	139.49	E	10	G	3.8	1.6	5	NEAR S. COAST OF HONSHU, JAPAN
	11	03	47	50.2?	34.46	N	139.55	E	10	G	4.0	1.3	7	NEAR S. COAST OF HONSHU, JAPAN
	11	03	54	02.7	34.280	N	139.105	E	10	G	4.3	0.8	29	NEAR S. COAST OF HONSHU, JAPAN
	11	04	38	43.9	34.182	N	139.205	E	10	G	4.7	0.9	59	NEAR S. COAST OF HONSHU, JAPAN
	11	04	38	46.1*	34.671	N	138.574	E	10	G	4.9 4.7	1.0	25	NEAR S. COAST OF HONSHU, JAPAN
	11	04	54	53.9	44.560	N	7.345	E	10	G		0.5	21	NORTHERN ITALY. ML 2.4 (GEN), 2.1 (LDG).
	11	05	38	46.9&	34.320	N	118.584	W	5				52	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 3.1 (GS). Felt.
	11	06	23	30.6	22.166	N	93.111	E	34	*	4.6 4.1	1.2	38	MYANMAR-INDIA BORDER REGION
	11	06	28	38.1*	6.088	S	154.606	E	93	*	4.8	0.6	19	SOLOMON ISLANDS
	11	06	38	15.0&	60.826	N	151.994	W	84				58	KENAI PENINSULA, ALASKA. <AEIC>.
	11	06	44	03.6	45.712	N	11.778	E	10	G		0.9	47	NORTHERN ITALY. ML 3.6 (GRF), 3.4 (VIE), 3.2 (LDG).
	11	06	49	40.2*	42.111	N	142.826	E	33	N	3.7	0.9	8	HOKKAIDO, JAPAN REGION
	11	07	14	45.4%	40.757	N	22.377	E	5	G		0.8	10	GREECE. ML 2.4 (THE).
	11	07	59	34.9%	39.934	N	22.032	E	5	G		0.3	5	GREECE. ML 1.9 (THE).
	11	08	15	28.2%	38.581	N	33.640	E	10	G		0.9	7	TURKEY. ML 3.8 (ISK).
	11	08	20	40.1?	45.44	N	7.31	E	5	G		0.0	4	NORTHERN ITALY. ML 1.8 (GEN).
	11	08	40	26.4%	39.943	N	22.036	E	5	G		0.2	5	GREECE. ML 2.0 (THE).
	11	08	42	43.6?	44.97	S	166.18	E	10	G		0.3	7	OFF W. COAST OF S. ISLAND, N.Z. ML 3.8 (WEL).
	11	09	09	51.0*	9.268	N	77.573	W	33	N	3.6	1.3	5	NEAR NORTH COAST OF COLOMBIA. MD 4.1 (UPA).
a	11	10	04	44.6	6.109	S	150.503	E	79		4.9	1.0	90	NEW BRITAIN REGION, P.N.G. Mw 5.5 (HRV).
	11	10	32	27.7?	42.56	N	12.59	E	10	G		1.5	10	CENTRAL ITALY. ML 3.0 (VIE).
	11	10	52	04.9*	30.312	N	138.430	E	447	D	4.7	1.0	126	SOUTH OF HONSHU, JAPAN
	11	11	16	19.1&	64.338	N	149.701	W	20				46	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC).
	11	11	26	57.6?	44.49	N	153.93	E	33	N	4.8	1.3	7	EAST OF KURIL ISLANDS
	11	11	53	20.0%	36.465	N	2.782	W	10	G		0.9	11	STRAIT OF GIBRALTAR. mbLg 3.2 (MDD).
	11	12	32	16.8?	7.47	N	77.29	W	59	?	4.1	1.3	7	PANAMA-COLOMBIA BORDER REGION. MD 4.2 (UPA).
	11	12	38	17.0*	9.007	S	158.420	E	26	D	4.3 3.9	1.3	13	SOLOMON ISLANDS
	11	12	40	30.0?	39.16	N	27.57	E	10	G		0.4	4	TURKEY. ML 2.8 (ISK).
	11	13	22	20.5*	47.981	N	155.046	E	33	N	4.7	1.3	31	EAST OF KURIL ISLANDS
	11	13	52	17.5?	35.16	S	71.15	W	100	G		0.2	10	CENTRAL CHILE. MD 4.1 (SAN).
	11	13	55	59.5&	34.314	N	118.551	W	2				60	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 3.3 (GS).
	11	13	56	50.8&	34.318	N	118.558	W	2				4	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS).
	11	14	20	30.0&	64.604	N	149.380	W	25		2.9		49	CENTRAL ALASKA. <AEIC>. ML 3.4 (AEIC). Felt (II) at Fairbanks.
	11	14	31	45.0%	39.903	N	28.863	E	10	G		0.6	8	TURKEY. ML 3.0 (ISK).
	11	16	41	55.6?	43.97	N	7.75	E	10	G		0.5	9	NEAR SOUTH COAST OF FRANCE. ML 2.2 (LDG).
	11	16	46	00.9&	33.196	N	115.571	W	7				22	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.7 (GS). Felt.
	11	17	29	27.4*	47.006	N	10.741	E	10	G		1.2	12	AUSTRIA. ML 2.9 (FUR).
	11	17	50	09.5*	10.701	N	130.142	W	23	D	4.8	1.1	42	NORTH PACIFIC OCEAN
	11	18	06	14.8?	6.14	S	149.63	E	33	N	4.2	1.3	10	NEW BRITAIN REGION, P.N.G.
	11	18	21	18.2	46.802	N	7.263	E	10	G		0.8	17	SWITZERLAND. ML 2.8 (LDG), 2.5 (STR).
	11	18	30	01.1	40.414	N	19.680	E	10	G		1.2	15	ALBANIA. ML 3.3 (THE). MD 3.3 (ATH).
	11	19	11	49.6*	36.515	N	70.837	E	33	N	4.2	1.4	11	HINDU KUSH REGION, AFGHANISTAN
	11	19	22	28.8%	43.085	N	0.914	W	5	G		0.3	7	PYRENEES. ML 1.3 (STR).
	11	19	31	26.7&	52.014	N	131.431	W	18	G	3.5		12	QUEEN CHARLOTTE ISLANDS REGION. <PGC-P>. ML 3.8 (PGC). Felt along the east coast of Moresby Island.
	11	19	48	52.5%	43.079	N	0.908	W	5	G		0.3	6	PYRENEES. ML 1.5 (STR).
	11	19	54	24.1%	43.075	N	0.916	W	5	G		0.4	7	PYRENEES. ML 1.2 (STR).
	11	19	59	33.6?	24.50	S	178.89	E	600	G	4.4	0.9	11	SOUTH OF FIJI ISLANDS
	11	20	01	10.8%	43.091	N	0.903	W	5	G		0.2	6	PYRENEES. ML 1.2 (STR).
	11	20	14	18.4?	39.36	N	23.85	E	26	*		1.4	10	AEGEAN SEA. ML 2.2 (THE).
	11	20	41	25.3	37.959	N	29.496	E	10	G		0.2	8	TURKEY. ML 3.4 (ISK).
	11	20	44	31.4?	26.07	S	179.71	W	500	?	4.0	1.2	17	SOUTH OF FIJI ISLANDS
	11	21	42	37.5%	37.345	N	1.846	W	5	G		0.7	13	SPAIN. mbLg 3.2 (MDD). Felt (III) in the Cuevas de Almanzora area.
	11	23	41	01.5&	59.142	N	137.861	W	29				8	SOUTHEASTERN ALASKA. <AEIC>. ML 2.9 (AEIC).
	12	00	01	51.4*	8.541	N	122.584	E	33	N	4.5 4.2	1.4	16	MINDANAO, PHILIPPINE ISLANDS
	12	00	05	45.7%	46.226	N	2.750	E	5	G		0.5	10	FRANCE. ML 1.9 (LDG).
	12	00	35	33.7%	37.367	N	1.896	W	5	G		1.2	6	SPAIN. mbLg 2.6 (MDD). Felt (III) in the Cuevas de Almanzora area.
	12	00	39	21.0%	37.232	N	1.756	W	5	G		0.7	6	SPAIN. mbLg 2.6 (MDD).
	12	01	04	15.3&	59.699	N	152.896	W	90				51	SOUTHERN ALASKA. <AEIC>.
	12	01	07	55.5*	48.089	N	155.051	E	33	N	4.7	1.1	20	KURIL ISLANDS
a	12	01	49	02.4	14.503	S	171.085	E	612	D	5.3	1.1	363	VANUATU ISLANDS REGION. Mw 5.4 (HRV).
	12	02	16	45.8?	13.72	N	93.11	W	33	N	4.2	1.1	15	OFF COAST OF CHIAPAS, MEXICO
	12	02	23	22.8*	14.612	S	171.139	E	658	?	4.6	0.9	23	VANUATU ISLANDS REGION
	12	03	09	28.5*	14.082	N	93.156	W	33	N	4.5	1.3	29	NEAR COAST OF CHIAPAS, MEXICO
	12	03	32	43.2	41.198	N	19.974	E	10	G	3.8	1.3	78	ALBANIA. ML 4.0 (SKO), 4.0 (ROM), 3.6 (THE). MD 3.9 (ATH).
	12	06	16	46.7	52.195	N	31.475	W	10	G	4.9 4.3	1.0	146	NORTHERN MID-ATLANTIC RIDGE
	12	06	18	08.4?	34.26	N	139.41	E	10	G		0.7	5	NEAR S. COAST OF HONSHU, JAPAN
	12	07	31	29.1%	36.663	N	3.003	W	10	G		0.8	9	STRAIT OF GIBRALTAR. mbLg 2.8 (MDD).
	12	08	14	32.3%	32.559	S	70.932	W	70	G		0.3	11	CHILE-ARGENTINA BORDER REGION. MD 3.8 (SAN).
	12	08	25	08.1%	36.824	N	2.973	W	5	G		0.5	9	STRAIT OF GIBRALTAR. mbLg 2.8 (MDD).
	12	08	25	48.0?	33.18	S	70.21	W	117	?		0.4	11	CHILE-ARGENTINA BORDER REGION. MD 3.9 (SAN).
	12	08	26	43.5%	38.981	S	175.128	E	200	G		1.3	29	NORTH ISLAND, NEW ZEALAND
	12	08	39	33.0?	32.67	S	70.11	W	110	G		0.3	11	CHILE-ARGENTINA BORDER REGION. MD 3.8 (SAN).
	12	08	42	25.2&	62.843	N	149.656	W	80				81	CENTRAL ALASKA. <AEIC>.
	12	09	39	27.7	20.344	S	176.398	W	278	*	5.0	1.0	104	FIJI ISLANDS REGION
	12	09	53	02.6*	37.796	N	21.864	E	10	G		1.4	14	SOUTHERN GREECE. MD 3.4 (ATH). ML 3.1 (THE).

	12	10	08	48.0	34.342	N	139.242	E	20	D	3.9	0.8	22	NEAR S. COAST OF HONSHU, JAPAN
	12	10	43	15.7	42.782	N	77.876	W	1	G		0.6	23	NEW YORK. mbLg 3.6 (GS), 3.5 (OTT). Minor damage at Cuylerville. Felt (III) at Leicester. Also felt at Geneseo, Mt. Morris and Piffard. Probable collapse at the Retsof Salt Mine.
	12	11	23	44.6*	51.423	N	15.906	E	10	G		0.7	8	POLAND. ML 3.5 (VIE).
	12	13	10	58.4*	51.572	N	175.199	W	33	N	4.2	1.4	16	ANDREANOF ISLANDS, ALEUTIAN IS.
	12	13	24	21.6	45.548	N	151.943	E	21	D	4.8	1.1	59	KURIL ISLANDS
	12	13	36	43.1*	42.788	N	24.032	E	10	G		0.8	7	BULGARIA
	12	13	39	28.7	43.056	N	0.269	W	10	G		0.2	7	PYRENEES. ML 2.0 (LDG), 1.6 (STR).
	12	14	17	54.7	52.146	N	159.233	E	41	D	4.6	0.9	37	OFF EAST COAST OF KAMCHATKA
	12	14	37	40.3?	36.64	N	2.87	W	10	G		0.8	4	STRAIT OF GIBRALTAR. mbLg 2.7 (MDD).
	12	14	57	56.6&	65.894	N	156.250	W	10				19	NORTHERN ALASKA. <AEIC>. ML 2.9 (AEIC).
	12	15	00	43.8*	36.992	N	49.322	E	33	N	4.1	1.0	6	WESTERN IRAN. Felt at Rudbar.
	12	15	22	54.1*	13.333	S	167.159	E	240	?	4.7	1.3	61	VANUATU ISLANDS
	12	15	35	54.0	44.392	N	7.994	E	5	G		0.5	11	NORTHERN ITALY. ML 2.1 (LDG), 1.9 (GEN).
	12	16	18	41.3*	6.132	N	125.195	E	16	D	4.4	0.9	10	MINDANAO, PHILIPPINE ISLANDS
	12	17	23	15.4&	59.232	N	153.186	W	88				45	SOUTHERN ALASKA. <AEIC>.
	12	17	58	07.9	44.373	N	7.162	E	5	G		0.5	16	NORTHERN ITALY. ML 2.1 (GEN), 2.1 (LDG).
	12	18	43	16.3	36.696	N	141.430	E	33	N	4.0	1.3	21	NEAR EAST COAST OF HONSHU, JAPAN
	12	20	20	59.2?	13.29	S	166.79	E	33	N	4.4	1.0	33	VANUATU ISLANDS
	12	21	23	39.4*	37.465	S	73.305	W	33	N	4.6	1.2	18	NEAR COAST OF CENTRAL CHILE
	12	21	45	43.5&	34.228	N	118.609	W	5				27	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS), 2.8 (GS). Felt.
a	12	21	45	57.3	34.282	S	179.270	E	283		5.1	1.3	96	SOUTH OF KERMADEC ISLANDS. Mw 5.2 (HRV).
	12	22	15	37.5%	32.110	S	117.404	E	10	G		1.1	6	WESTERN AUSTRALIA
	12	22	29	29.0*	38.761	N	20.438	E	13			1.4	16	GREECE. MD 3.5 (ATH). ML 3.4 (THE).
	12	22	31	15.6&	63.220	N	150.607	W	131				70	CENTRAL ALASKA. <AEIC>.
	12	22	35	00.8%	44.420	N	7.386	E	5	G		0.3	5	NORTHERN ITALY. ML 1.7 (GEN).
	12	22	47	49.8&	35.919	N	119.052	W	25				7	CENTRAL CALIFORNIA. <GM-P>. MD 2.7 (GM).
a	12	23	00	28.8	11.943	N	86.893	W	33	N	5.0 5.2	1.4	149	NEAR COAST OF NICARAGUA. Mw 5.6 (HRV). MD 5.2 (UPA). Ms 5.1 (BRK).
a	12	23	46	00.2*	16.747	N	94.273	W	97	D	5.1	1.1	233	OAXACA, MEXICO. Mw 5.6 (HRV).
	13	00	17	27.7	45.508	N	28.039	W	10	G	4.8	1.2	84	NORTHERN MID-ATLANTIC RIDGE
	13	01	29	48.8	44.276	S	168.357	E	10	G	3.9	0.8	38	SOUTH ISLAND, NEW ZEALAND
	13	01	52	11.7*	18.406	N	146.039	E	33	N	4.3	1.0	15	MARIANA ISLANDS
	13	02	26	21.3	5.407	S	130.898	E	89	*	4.9	0.9	39	BANDA SEA
	13	02	44	26.8%	37.960	S	176.219	E	200	G		1.1	23	NORTH ISLAND, NEW ZEALAND
	13	03	11	28.2	51.343	N	178.231	W	33	N	5.3 4.4	0.9	288	ANDREANOF ISLANDS, ALEUTIAN IS.
	13	03	12	40.1&	34.390	N	116.460	W	5				27	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.8 (GS).
	13	03	54	28.1?	6.00	S	129.93	E	33	N	4.7	1.3	8	BANDA SEA
	13	04	56	35.0?	11.35	N	86.88	W	33	N	4.4	1.6	19	NEAR COAST OF NICARAGUA
	13	06	11	13.5%	34.039	S	70.094	W	10	G		0.3	10	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	13	06	39	40.5	44.905	N	112.907	W	10	G		0.5	19	EASTERN IDAHO. ML 3.4 (GS), 3.6 (BUT).
	13	06	50	29.9&	59.941	N	140.685	W	7				26	SOUTHEASTERN ALASKA. <AEIC>. ML 2.8 (AEIC), 2.9 (PGC).
	13	07	31	14.6&	59.747	N	152.625	W	102				52	SOUTHERN ALASKA. <AEIC>.
	13	09	15	55.2&	34.311	N	118.441	W	6				11	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS), 2.8 (GS).
	13	09	29	13.8?	52.86	N	160.53	E	33	N	4.4	1.6	9	OFF EAST COAST OF KAMCHATKA
	13	09	42	33.2	11.041	N	62.237	W	121		3.9	1.3	21	WINDWARD ISLANDS. MD 4.0 (TRN).
	13	10	50	11.1*	7.666	S	111.429	E	97	D	5.0	1.3	51	JAWA, INDONESIA
	13	11	07	29.3%	40.826	S	174.728	E	52	*		0.5	20	COOK STRAIT, NEW ZEALAND
	13	11	12	08.6&	34.236	N	118.606	W	19				26	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS), 2.8 (GS).
	13	11	58	38.7?	37.87	N	27.26	E	10	G		0.5	6	TURKEY. ML 3.2 (ISK).
	13	12	29	51.9?	32.13	S	71.25	W	50	G		0.3	10	NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	13	12	37	31.1?	51.02	N	15.75	E	10	G		0.4	6	POLAND
	13	12	39	51.5	52.425	N	169.301	W	33	N	4.6	0.9	60	FOX ISLANDS, ALEUTIAN ISLANDS. ML 4.6 (PMR).
	13	13	00	42.2*	30.607	S	71.932	W	33	N	4.7	0.8	17	NEAR COAST OF CENTRAL CHILE
	13	13	07	31.9	22.353	S	179.550	W	593		4.5	1.2	46	SOUTH OF FIJI ISLANDS
	13	13	13	03.9%	39.296	N	28.337	E	10	G		0.7	7	TURKEY. ML 2.8 (ISK).
	13	13	32	37.3?	34.80	S	70.75	W	120	G		0.1	6	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	13	14	24	02.6%	33.225	S	71.284	W	63	?		0.4	10	NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	13	15	14	12.5	42.225	N	13.346	E	10	G		0.9	18	CENTRAL ITALY. ML 3.3 (VIE).
	13	15	49	35.1&	47.560	N	122.757	W	24				63	WASHINGTON. <SEA-P>. MD 2.8 (SEA). ML 2.8 (GS).
	13	15	53	38.4?	43.14	N	4.81	E	10	G		0.8	6	NEAR SOUTH COAST OF FRANCE. ML 2.5 (LDG).
	13	15	55	23.7%	38.902	N	26.856	E	10	G		0.5	7	AEGEAN SEA. ML 3.3 (ISK).
	13	16	28	56.2	46.201	N	16.529	E	10	G		0.9	11	NORTHWESTERN BALKAN REGION. ML 2.9 (VIE), 2.2 (LJU). Felt at Ludbreg, Croatia.
	13	16	37	01.0%	43.150	N	4.785	E	10	G		0.9	7	NEAR SOUTH COAST OF FRANCE. ML 2.7 (LDG).
	13	16	39	59.2	20.880	S	70.392	W	33	N	5.1	1.3	55	NEAR COAST OF NORTHERN CHILE. Felt (IV) at Iquique.
	13	16	41	26.2&	34.316	N	118.450	W	5				50	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 3.0 (GS). Felt.
	13	16	45	15.0%	17.102	N	99.771	W	33	N		1.6	5	GUERRERO, MEXICO
	13	16	59	01.2&	40.373	N	125.107	W	2		4.6		176	OFF COAST OF NORTHERN CALIFORNIA. <GM-P>. MD 4.4 (GM). ML 4.4 (BRK). Felt (V) at Honeydew and (III) at Rio Dell. Also felt at Fortuna.
	13	17	26	56.4	35.751	N	140.948	E	33	N	4.7	1.3	52	NEAR EAST COAST OF HONSHU, JAPAN
	13	17	27	31.5&	60.475	N	147.323	W	12		2.6		48	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	13	18	01	52.8?	15.91	N	98.10	W	33	N		1.3	6	OFF COAST OF GUERRERO, MEXICO
	13	18	20	10.5?	17.29	N	95.17	W	33	N		0.7	4	OAXACA, MEXICO
	13	18	42	54.5*	1.684	N	129.288	E	31	D	4.7	1.0	17	HALMAHERA, INDONESIA
	13	18	46	45.8?	2.20	N	126.86	E	114	?	4.7	1.4	10	NORTHERN MOLUCCA SEA
	13	19	10	50.5&	40.021	N	122.243	W	26				43	NORTHERN CALIFORNIA. <GM-P>. MD 3.3 (GM). ML 3.2 (BRK), 3.0 (GS).
	13	19	27	34.6*	1.631	N	129.241	E	33	D	4.6	0.9	12	HALMAHERA, INDONESIA
	13	20	29	26.5&	40.368	N	124.832	W	26				6	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 2.9 (GM).
	13	20	44	23.2	50.923	N	92.169	E	33	N	5.0	1.1	118	RUSSIA-MONGOLIA BORDER REGION. Felt (IV) at Kyzyl, Russia.
	13	21	12	15.6%	38.771	N	27.172	E	10	G		0.7	5	TURKEY. ML 3.3 (ISK).
	13	22	03	28.4%	38.658	N	27.447	E	10	G		0.2	5	TURKEY. ML 3.0 (ISK).
	14	00	05	01.0%	43.539	N	6.688	E	5	G		0.9	6	NEAR SOUTH COAST OF FRANCE. ML 2.4 (LDG).
	14	00	26	54.7&	37.127	N	121.529	W	7				71	CENTRAL CALIFORNIA. <GM-P>. MD 3.1 (GM). ML 3.2 (GS), 3.0 (BRK).
	14	01	10	46.5?	35.44	S	71.59	W	140	G		1.0	12	CENTRAL CHILE. MD 4.2 (SAN).

	14	01	37	51.5*	13.267	N	120.138	E	33	N		0.8	6	MINDORO, PHILIPPINE ISLANDS
	14	01	55	38.6?	36.51	N	29.39	E	5	G		0.6	6	TURKEY. ML 3.4 (ISK).
	14	02	41	34.1	39.824	N	20.625	E	10	G		1.2	15	GREECE-ALBANIA BORDER REGION. MD 3.1 (ATH). ML 2.9 (THE).
	14	03	24	46.9?	44.48	N	7.30	E	5	G		0.1	4	NORTHERN ITALY. ML 1.5 (GEN).
	14	03	32	32.9%	16.466	N	99.321	W	33	N		0.5	6	NEAR COAST OF GUERRERO, MEXICO
a	14	04	30	07.6	1.083	S	23.929	W	10	G	6.0	1.3	156	CENTRAL MID-ATLANTIC RIDGE. Foreshock.
a	14	04	30	15.7	1.278	S	23.569	W	10	G	6.2 6.4	1.4	220	CENTRAL MID-ATLANTIC RIDGE. Mw 7.0 (GS), 7.0 (HRV). Ms 6.3 (BRK). Mo=4.7*10**19 Nm (PPT).
	14	04	59	24.0*	39.714	N	20.661	E	10	G		1.2	12	GREECE-ALBANIA BORDER REGION. MD 3.0 (ATH). ML 2.8 (THE).
	14	04	59	55.7	43.678	N	139.744	E	21	D	4.9	1.0	69	EASTERN SEA OF JAPAN
	14	06	10	47.3?	13.65	N	120.88	E	10	G		0.9	4	MINDORO, PHILIPPINE ISLANDS
	14	06	39	16.0*	42.506	N	1.795	E	5	G		0.3	7	PYRENEES. ML 2.6 (LDG).
	14	08	46	43.7*	33.685	S	73.448	W	33	N	4.1	1.0	17	OFF COAST OF CENTRAL CHILE. MD 4.4 (SAN).
	14	09	04	37.3	19.022	S	68.747	W	118	D	5.0	0.8	97	CHILE-BOLIVIA BORDER REGION
	14	10	50	05.6&	59.874	N	153.352	W	118		2.9		57	SOUTHERN ALASKA. <AEIC>.
	14	11	38	11.0?	40.73	N	24.13	E	5	G		0.0	4	AEGEAN SEA. ML 2.2 (THE).
	14	11	39	37.3*	1.757	N	129.283	E	32	D	4.9 4.2	1.2	38	HALMAHERA, INDONESIA
	14	13	34	24.4*	84.612	N	0.540	E	10	G	4.5	1.0	25	NORTH OF SVALBARD
	14	14	42	21.5%	33.314	S	70.427	W	92	?		0.4	10	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	14	14	47	32.8?	31.17	S	69.04	W	94	?		1.1	12	SAN JUAN PROVINCE, ARGENTINA. MD 4.3 (SAN).
	14	14	52	43.3&	63.187	N	148.480	W	73				65	CENTRAL ALASKA. <AEIC>.
	14	15	12	42.2?	39.59	N	25.86	E	10	G		0.7	6	AEGEAN SEA. ML 3.3 (ISK).
	14	15	24	12.3%	37.832	S	175.797	E	270	G		0.8	21	NORTH ISLAND, NEW ZEALAND
	14	16	51	06.4%	47.222	N	6.377	E	10	G		0.3	7	FRANCE. ML 2.1 (LDG).
	14	17	24	06.5&	60.945	N	146.992	W	29		3.0		78	SOUTHERN ALASKA. <AEIC>. ML 3.2 (AEIC), 3.3 (PMR).
	14	17	33	20.9	40.395	N	28.876	E	10	G		0.6	11	TURKEY. ML 3.5 (ISK).
	14	17	45	32.9?	25.17	N	141.06	E	180	?	4.1	1.2	9	VOLCANO ISLANDS REGION
	14	19	13	51.6	14.349	N	92.606	W	33	N	4.8 4.4	1.0	111	NEAR COAST OF CHIAPAS, MEXICO
	14	19	29	13.7%	40.445	N	28.907	E	10	G		0.8	8	TURKEY. ML 2.7 (ISK).
	14	19	40	59.9*	19.414	N	38.541	E	10	G	4.7	1.0	40	RED SEA
	14	19	45	30.8%	38.600	S	175.678	E	160	G		0.9	27	NORTH ISLAND, NEW ZEALAND
	14	20	23	14.4*	44.891	S	166.406	E	10	G		1.5	19	OFF W. COAST OF S. ISLAND, N.Z. ML 4.3 (WEL).
	14	20	35	57.3%	39.315	N	23.002	E	10	G		0.5	5	AEGEAN SEA. ML 1.9 (THE).
	14	20	36	04.4*	30.518	S	72.051	W	33	N		0.3	12	OFF COAST OF CENTRAL CHILE. MD 4.3 (SAN).
f	14	20	51	24.9	15.994	N	92.428	W	164	G	5.8 6.2	1.2	502	MEXICO-GUATEMALA BORDER REGION. Mw 6.9 (GS), 6.9 (HRV). MD 6.2 (SSS). Ms 6.1 (BRK). Mo=4.6*10**19 Nm (PPT). Slight damage at Tuxtla Gutierrez, Mexico. Felt at Coban, Guatemala City, Quezaltenango and San Marcos, Guatemala. Also felt at Mexico City, Mexico and (II) at San Salvador, El Salvador. Depth from broadband displacement seismograms.
	14	20	55	27.6&	63.265	N	151.029	W	12				46	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
	14	21	54	18.3&	37.792	N	121.939	W	12				58	CENTRAL CALIFORNIA. <GM-P>. MD 3.1 (GM). ML 3.1 (GS), 3.0 (BRK). Felt (IV) at San Ramon. Also felt at Danville.
	14	22	04	01.3?	26.20	N	141.16	E	105	?	4.1	0.8	9	BONIN ISLANDS REGION
	14	22	22	09.1&	34.033	N	117.251	W	15				29	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 3.1 (GS). Felt.
	14	23	19	55.8*	43.499	N	12.621	E	10	G		1.1	9	CENTRAL ITALY. MD 3.0 (TRI), 2.9 (FIR).
	15	00	49	39.0%	40.503	N	28.979	E	10	G		0.4	7	TURKEY. ML 3.0 (ISK).
	15	02	16	29.0*	45.068	N	15.060	E	10	G		1.0	7	NORTHWESTERN BALKAN REGION. MD 2.9 (LJU), 2.5 (TRI).
f	15	03	36	19.9	11.110	N	88.083	W	15	G	5.8 5.6	1.0	389	OFF COAST OF CENTRAL AMERICA. Mw 6.4 (GS), 6.1 (HRV). MD 5.7 (UPA), 5.6 (SSS). Ms 5.4 (BRK). Mo=3.4*10**18 Nm (PPT). Felt (II) at San Salvador, El Salvador. Depth from broadband displacement seismograms.
	15	04	20	50.8?	40.72	N	30.01	E	10	G		0.4	4	TURKEY. ML 2.6 (ISK).
	15	04	46	29.6*	36.876	N	141.552	E	33	N	4.2	1.1	22	NEAR EAST COAST OF HONSHU, JAPAN
	15	05	05	48.1%	40.200	N	29.885	E	10	G		1.1	5	TURKEY. ML 2.7 (ISK).
	15	05	14	37.4&	38.790	N	122.771	W	4				68	NORTHERN CALIFORNIA. <GM-P>. MD 3.4 (GM). ML 3.4 (GS), 3.1 (BRK).
	15	05	34	46.1?	16.20	N	98.00	W	28	*		1.4	9	OAXACA, MEXICO
	15	05	51	11.5&	63.087	N	150.911	W	124				65	CENTRAL ALASKA. <AEIC>.
	15	05	52	09.3%	33.514	S	71.117	W	65	?		0.3	11	NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	15	06	47	59.7*	72.269	N	0.730	E	10	G	4.2	1.7	10	NORWEGIAN SEA
	15	07	04	59.6?	44.68	N	8.33	E	10	G		0.2	5	NORTHERN ITALY. ML 2.2 (GEN).
	15	07	05	52.0%	37.369	S	177.623	E	120	G		1.2	14	OFF E. COAST OF N. ISLAND, N.Z.
	15	08	06	23.8*	43.931	N	8.658	E	10	G		0.6	22	CORSICA. ML 2.8 (GEN), 2.6 (LDG), 2.2 (STR).
	15	08	16	04.1&	58.687	N	151.610	W	60				41	KODIAK ISLAND REGION. <AEIC>. ML 2.6 (AEIC).
	15	09	12	45.7?	38.03	S	177.51	E	100	G		1.7	12	NORTH ISLAND, NEW ZEALAND
	15	09	58	44.1*	40.394	N	21.801	E	10	G		1.0	7	GREECE. ML 2.2 (THE).
	15	10	15	01.0	38.241	N	30.727	E	10	G		0.5	7	TURKEY. ML 3.6 (ISK).
	15	10	44	21.7&	34.328	N	118.473	W	4				30	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 3.0 (GS).
	15	11	08	57.6?	5.63	S	104.19	E	105	?	4.6	1.2	13	SOUTHERN SUMATERA, INDONESIA
	15	11	41	39.4&	37.660	N	118.886	W	5				62	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.2 (GM). ML 3.1 (GS), 3.1 (BRK).
	15	11	48	01.4?	6.28	S	129.25	E	238	?		0.9	8	BANDA SEA
	15	13	23	43.3&	37.663	N	118.882	W	5				86	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.4 (GM). ML 3.4 (BRK), 3.3 (GS).
	15	13	27	50.4&	63.788	N	148.482	W	104		3.7		89	CENTRAL ALASKA. <AEIC>.
	15	14	10	04.1%	17.105	N	100.489	W	33	N		0.3	6	GUERRERO, MEXICO
	15	14	33	54.5*	29.380	N	140.054	E	66	*	4.8	1.1	74	SOUTH OF HONSHU, JAPAN
	15	14	40	25.6?	34.44	S	70.61	W	110	G		0.3	9	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	15	15	46	21.8*	36.391	N	30.733	E	10	G		1.0	11	TURKEY
	15	16	05	37.1*	10.850	N	142.807	E	33	N	4.2	0.9	10	SOUTH OF MARIANA ISLANDS
	15	17	12	03.5&	60.060	N	153.313	W	130		2.9		84	SOUTHERN ALASKA. <AEIC>.
	15	17	27	00.6%	40.432	N	23.174	E	10	G		0.2	5	GREECE. ML 1.5 (THE).
	15	17	51	16.9	51.546	N	159.300	E	22	D	5.5	0.9	259	OFF EAST COAST OF KAMCHATKA. Felt (III) at Petropavlovsk-Kamchatskiy.
	15	18	58	46.3*	29.296	N	114.121	W	5	G	3.8	0.8	13	BAJA CALIFORNIA, MEXICO. ML 4.2 (GS).
	15	19	07	50.2%	43.418	N	5.445	E	5	G		0.4	13	NEAR SOUTH COAST OF FRANCE. ML 2.6 (STR).
	15	20	08	28.0?	28.69	N	34.58	E	10	G		1.3	4	EGYPT

	15	20	15	52.5&	60.509	N	153.300	W	164		3.1		45	SOUTHERN ALASKA. <AEIC>.
	15	20	43	58.7*	40.806	N	20.226	E	5	G		1.1	8	GREECE-ALBANIA BORDER REGION
	15	21	10	15.2%	40.764	N	27.971	E	10	G		0.7	6	TURKEY. ML 2.9 (ISK).
	15	21	20	12.3	38.726	N	23.462	E	10	G		0.4	10	GREECE. MD 3.0 (ATH). ML 2.6 (THE).
	15	21	46	15.7?	36.80	N	54.78	E	33	N	4.4	0.5	4	NORTHERN IRAN. ML 4.7 (TEH). Felt at Gorgan and Emamrud.
	15	21	55	35.8&	65.388	N	149.941	W	14				37	NORTHERN ALASKA. <AEIC>. ML 3.1 (AEIC).
	15	22	39	20.5%	38.897	S	175.076	E	220	G		0.4	19	NORTH ISLAND, NEW ZEALAND
	15	22	41	03.7	38.651	N	20.377	E	10	G	4.0	1.5	56	GREECE. MD 4.1 (ATH). ML 3.9 (THE).
	15	22	49	07.9	38.523	N	20.368	E	11			1.1	18	GREECE. MD 3.5 (ATH). ML 3.4 (THE).
	15	23	10	22.9*	5.178	N	94.152	E	33	N	4.6	1.2	11	NORTHERN SUMATERA, INDONESIA
	16	00	02	36.1	7.149	S	108.542	E	33	N	5.0	1.2	62	JAWA, INDONESIA
	16	00	55	25.8	42.715	N	111.123	W	5	G		0.5	11	EASTERN IDAHO. ML 2.5 (GS).
	16	01	22	42.6&	60.201	N	152.766	W	90				77	SOUTHERN ALASKA. <AEIC>.
	16	02	02	13.0*	31.976	N	50.333	E	73	?	4.1	1.4	14	NORTHERN IRAN. Felt at Farsan and Shahr-e Kord.
	16	03	06	04.4?	36.86	S	96.57	W	10	G	4.8	1.0	24	WEST CHILE RISE
	16	03	33	26.6	50.893	N	174.049	E	33	N	4.6 4.4	0.9	67	SOUTH OF ALEUTIAN ISLANDS
	16	03	35	43.9	39.954	N	23.399	E	10	G		0.5	12	AEGEAN SEA. ML 2.7 (THE).
	16	04	41	50.6	39.745	N	143.825	E	20	D	4.4	0.8	30	OFF EAST COAST OF HONSHU, JAPAN
	16	06	15	57.6	56.137	S	27.376	W	86	D	5.3	0.9	71	SOUTH SANDWICH ISLANDS REGION
	16	06	45	02.7	36.928	N	6.044	W	10	G		1.3	9	STRAIT OF GIBRALTAR. mbLg 2.8 (MDD).
	16	07	14	51.9*	36.815	N	21.571	E	33	N	4.4	1.2	31	SOUTHERN GREECE. MD 3.9 (ATH). ML 3.8 (THE).
	16	07	44	51.4	34.569	N	5.601	W	10	G		0.9	14	MOROCCO. MD 3.4 (RBA). mbLg 3.2 (MDD).
	16	07	49	34.5*	22.390	S	65.940	W	274	D	4.8	0.8	58	JUJUY PROVINCE, ARGENTINA
	16	08	08	49.0*	36.298	N	36.050	E	10	G		1.0	15	JORDAN - SYRIA REGION. ML 3.7 (BHL).
	16	08	38	36.4*	6.750	S	127.265	E	392		4.6	1.1	36	BANDA SEA
	16	08	41	44.3?	28.87	N	34.79	E	10	G		0.5	4	EGYPT
	16	08	54	23.9*	30.854	S	177.343	W	43	D	5.1 4.9	1.5	29	KERMADEC ISLANDS, NEW ZEALAND
	16	09	01	23.8%	36.600	N	2.883	W	5	G		0.7	10	STRAIT OF GIBRALTAR. mbLg 3.0 (MDD).
	16	09	44	08.4?	51.87	S	161.18	E	33	N	4.2	1.2	21	NORTH OF MACQUARIE ISLAND
	16	10	10	26.5%	38.623	S	175.627	E	180	G		0.9	21	NORTH ISLAND, NEW ZEALAND
	16	12	09	25.8	34.036	N	139.080	E	10	G	4.5 3.9	1.2	50	NEAR S. COAST OF HONSHU, JAPAN. Felt (IV JMA) on Kozu-shima.
	16	12	34	02.1&	63.776	N	149.307	W	123		2.8		76	CENTRAL ALASKA. <AEIC>.
	16	13	08	21.6?	44.49	N	8.41	E	5	G		0.0	5	NORTHERN ITALY. ML 2.0 (GEN).
	16	14	13	59.2?	38.79	N	26.64	E	10	G		0.5	5	AEGEAN SEA. ML 3.1 (ISK).
	16	14	23	33.4?	41.24	N	28.96	E	10	G		0.3	4	TURKEY. ML 2.6 (ISK).
	16	15	10	50.3%	40.363	S	176.633	E	93	*		0.8	25	NORTH ISLAND, NEW ZEALAND
	16	15	22	50.0&	62.168	N	153.278	W	5				45	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC), 2.9 (PMR).
	16	16	11	32.5?	39.67	N	29.48	E	10	G		1.5	4	TURKEY. ML 2.6 (ISK).
	16	16	19	13.0%	40.299	N	29.794	E	10	G		0.4	9	TURKEY. ML 2.8 (ISK).
	16	17	09	18.9?	15.27	S	75.09	W	69	*	3.7	0.8	8	NEAR COAST OF PERU
	16	17	50	06.2%	33.846	S	70.110	W	10	G		0.3	10	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	16	18	25	47.9?	35.58	N	25.38	E	10	G		0.3	4	CRETE. MD 3.7 (ATH).
	16	18	51	24.6?	38.72	N	26.71	E	10	G		0.9	6	AEGEAN SEA. ML 3.3 (ISK).
	16	19	00	59.8*	30.544	S	177.335	W	33	N	5.1 4.9	1.6	49	KERMADEC ISLANDS, NEW ZEALAND
	16	19	21	59.9&	34.300	N	118.420	W	7				30	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS), 2.8 (GS).
	16	19	45	32.4*	39.107	N	23.299	E	24			1.0	19	AEGEAN SEA. ML 3.6 (ATH), 3.1 (THE).
	16	20	32	28.1?	6.77	N	124.66	E	10	G	4.7	0.8	11	MINDANAO, PHILIPPINE ISLANDS. Felt.
	16	20	48	34.8?	13.78	S	76.62	W	10	G		1.2	7	NEAR COAST OF PERU. Felt (III) at Pisco.
	16	20	50	41.7*	36.207	N	143.824	E	33	N	4.4	0.6	10	OFF EAST COAST OF HONSHU, JAPAN
	16	22	23	53.0	34.557	N	5.581	W	5	G		0.9	14	MOROCCO. mbLg 3.5 (MDD). MD 3.3 (RBA).
	16	22	55	46.9?	0.90	S	79.68	W	120	?		1.2	9	ECUADOR. MD 4.0 (QUI).
a	16	23	25	42.9	54.992	N	160.532	E	96	D	5.2	0.9	292	NEAR EAST COAST OF KAMCHATKA. Mw 5.3 (HRV). mb 5.8 (BRK).
	17	00	35	26.4%	33.298	S	70.306	W	99	?		0.4	10	CHILE-ARGENTINA BORDER REGION. MD 3.2 (SAN).
	17	00	42	50.8*	50.659	N	13.707	E	10	G		0.3	5	CZECH AND SLOVAK REPUBLICS
	17	01	10	34.3	37.697	N	142.401	E	9		4.0	0.9	20	OFF EAST COAST OF HONSHU, JAPAN
	17	01	12	22.0*	22.383	N	121.019	E	33	N	4.4 4.0	1.1	24	TAIWAN REGION
	17	02	06	19.9%	39.324	N	29.353	E	10	G		0.5	5	TURKEY. ML 2.8 (ISK).
	17	02	32	37.0?	30.74	S	176.73	W	33	N	4.9 5.3	1.1	14	KERMADEC ISLANDS REGION
	17	02	57	27.7%	40.769	N	22.680	E	10	G		0.3	5	GREECE. ML 1.4 (THE).
	17	03	13	33.2?	26.04	N	35.63	E	10	G		0.3	10	RED SEA
	17	03	19	01.6?	28.69	N	34.69	E	10	G		0.9	4	EGYPT
	17	03	21	03.6*	23.994	S	66.920	W	188	?	4.5	1.0	17	JUJUY PROVINCE, ARGENTINA
	17	03	35	59.9	11.534	S	118.256	E	33	N	4.8	1.3	17	SOUTH OF SUMBAWA, INDONESIA
	17	03	40	45.7%	44.109	N	7.891	E	10	G		0.2	5	NORTHERN ITALY. ML 1.8 (GEN).
	17	05	17	09.6%	31.188	S	117.273	E	10	G		0.5	5	WESTERN AUSTRALIA
	17	06	07	10.4&	34.396	N	118.631	W	16				40	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.9 (GS). Felt.
	17	07	45	47.1*	10.603	N	70.258	W	33	N	3.6	1.5	9	VENEZUELA
	17	08	06	16.7*	28.941	N	52.536	E	33	N	4.8	0.9	66	SOUTHERN IRAN
	17	08	39	18.1&	61.106	N	151.020	W	49				55	SOUTHERN ALASKA. <AEIC>. ML 2.7 (AEIC).
	17	08	52	16.9*	38.123	N	27.998	E	10	G		1.0	5	TURKEY. ML 2.8 (ISK).
	17	09	00	10.4?	39.14	N	27.37	E	10	G		0.5	4	TURKEY. ML 2.8 (ISK).
	17	09	11	32.5%	40.343	N	29.420	E	5	G		0.6	8	TURKEY. ML 2.7 (ISK).
	17	10	51	14.7	39.335	N	24.871	E	10	G		0.7	11	AEGEAN SEA. ML 3.0 (THE).
a	17	11	28	03.0	24.054	N	122.367	E	38	D	5.3 5.4	0.9	137	TAIWAN REGION. Mw 5.6 (HRV).
	17	11	40	01.2%	40.426	N	23.354	E	10	G		1.6	5	GREECE. ML 2.3 (THE).
	17	12	41	44.8%	39.657	N	29.490	E	10	G		1.0	5	TURKEY. ML 2.6 (ISK).
	17	13	08	09.2%	45.000	S	167.377	E	120	G		0.8	18	SOUTH ISLAND, NEW ZEALAND
	17	13	36	34.0*	38.655	N	20.514	E	10	G		1.3	5	GREECE. MD 3.1 (ATH).
	17	14	45	50.6*	45.096	S	166.773	E	10	G	3.6	0.8	9	OFF W. COAST OF S. ISLAND, N.Z. ML 4.1 (WEL).
	17	15	36	38.0	39.177	N	28.150	E	10	G		1.1	8	TURKEY. ML 3.0 (ISK).
	17	16	21	54.2	52.536	N	3.367	W	10	G		1.5	30	UNITED KINGDOM. ML 3.5 (LDG), 3.1 (BGS). Felt (IV) at Montgomery, Newtown and Welshpool.
	17	16	54	41.2&	65.380	N	134.446	W	10	G			9	NORTHERN YUKON TERRITORY, CANADA. <PGC-P>. ML 3.7 (PGC).
	17	17	01	16.8?	34.60	S	70.29	W	5	G		0.4	8	CHILE-ARGENTINA BORDER REGION
a	17	17	27	32.4*	36.154	S	52.427	E	10	G	4.9 5.1	1.4	39	SOUTHWEST INDIAN RIDGE. Mw 5.7 (HRV).
	17	17	34	28.1*	23.544	N	100.301	E	33	N	4.0	0.9	6	YUNNAN, CHINA
	17	18	01	24.7&	34.396	N	118.629	W	16				50	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 3.0 (GS).
	17	18	15	48.5?	40.65	N	29.84	E	5	G		0.3	4	TURKEY. ML 2.3 (ISK).

	17	18	21	56.2&	61.736	N	150.419	W	52				83	SOUTHERN ALASKA. <AEIC>. ML 4.0 (AEIC), 3.7 (PMR). Felt (IV) at Skwentna and (III) at Anchorage. Also felt at Palmer.
	17	18	33	55.0?	44.92	S	166.15	E	10 G			0.2	5	OFF W. COAST OF S. ISLAND, N.Z. ML 3.7 (WEL).
	17	18	46	46.6?	44.96	S	166.10	E	10 G			0.1	5	OFF W. COAST OF S. ISLAND, N.Z. ML 3.9 (WEL).
	17	20	14	10.5	40.954	N	20.872	E	10 G			1.2	9	GREECE-ALBANIA BORDER REGION. ML 2.9 (THE).
	17	20	32	34.6&	56.939	N	155.173	W	35				38	ALASKA PENINSULA. <AEIC>. ML 3.2 (AEIC).
	17	20	35	24.7%	40.560	N	28.911	E	5 G			0.3	5	TURKEY. ML 2.6 (ISK).
	17	21	22	49.6*	23.114	S	68.267	W	109 D	4.8		1.1	38	NORTHERN CHILE
	17	22	10	05.2	41.808	N	142.692	E	73 D	4.6		1.1	66	HOKKAIDO, JAPAN REGION
	17	22	28	01.7?	11.01	N	62.82	W	10 G			0.9	5	WINDWARD ISLANDS. MD 3.2 (TRN).
	17	22	37	47.5?	38.64	N	27.39	E	10 G			0.4	4	TURKEY. ML 2.6 (ISK).
	17	23	37	00.6%	32.636	S	71.553	W	19			0.5	10	NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).
a	18	00	11	55.7	51.390	N	178.537	W	33 N	5.0	4.4	1.0	202	ANDREANOF ISLANDS, ALEUTIAN IS. Mw 5.3 (HRV). ML 5.8 (PMR). Felt (II) on Adak.
	18	00	25	28.4	43.140	N	7.988	E	10 G			0.4	16	NEAR SOUTH COAST OF FRANCE. ML 2.4 (LDG), 1.7 (STR).
	18	01	53	27.9*	56.098	S	27.149	W	33 N	5.2		0.9	21	SOUTH SANDWICH ISLANDS REGION
	18	02	06	36.1*	47.977	S	165.251	E	10 G	4.2		0.9	20	OFF W. COAST OF S. ISLAND, N.Z.
a	18	02	20	18.7	24.788	N	109.109	W	10 G	5.4	5.4	1.1	231	GULF OF CALIFORNIA. Mw 5.7 (HRV). Ms 5.0 (BRK).
	18	03	51	10.3*	29.035	N	52.491	E	33 N	4.4		1.1	48	SOUTHERN IRAN
	18	03	52	19.9&	62.579	N	150.551	W	70				61	CENTRAL ALASKA. <AEIC>.
	18	04	19	22.4%	38.021	S	176.576	E	160 G			1.1	29	NORTH ISLAND, NEW ZEALAND
	18	04	34	50.4?	40.45	N	30.56	E	5 G			0.8	7	TURKEY. ML 2.6 (ISK).
	18	04	49	54.1?	23.89	S	66.86	W	204 ?	3.8		1.3	9	JUJUY PROVINCE, ARGENTINA
	18	05	10	29.6&	58.539	N	151.139	W	20				37	KODIAK ISLAND REGION. <AEIC>. ML 2.5 (AEIC).
	18	05	41	25.1	52.241	N	159.161	E	45 D	4.8		1.0	79	OFF EAST COAST OF KAMCHATKA
	18	05	47	12.4*	19.231	N	146.366	E	70 *	4.4		1.2	26	MARIANA ISLANDS REGION
	18	05	55	59.5	42.545	N	143.400	E	102	4.5		0.9	43	HOKKAIDO, JAPAN REGION
	18	06	09	45.5*	9.532	S	155.185	E	33 N	4.6	3.9	1.0	15	D'ENTRECASTEAUX ISLANDS REGION
	18	07	12	42.1?	51.80	N	29.79	W	10 G	4.3	4.2	1.3	13	NORTHERN MID-ATLANTIC RIDGE
	18	08	36	11.5?	39.15	N	27.34	E	10 G			0.3	4	TURKEY. ML 2.8 (ISK).
	18	08	36	33.0%	33.831	S	70.717	W	81 ?			0.2	10	CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).
	18	08	37	31.7?	39.06	N	27.44	E	33 N			0.3	4	TURKEY. ML 2.8 (ISK).
	18	08	41	39.8?	4.25	S	140.82	E	33 N	4.8		1.3	6	IRIAN JAYA, INDONESIA
	18	08	47	07.8%	37.029	N	29.157	E	10 G			0.4	5	TURKEY. ML 3.4 (ISK).
	18	08	47	17.1?	43.97	N	7.30	E	10 G			0.1	4	NEAR SOUTH COAST OF FRANCE. ML 1.0 (STR).
	18	09	42	51.1%	39.611	N	29.444	E	10 G			0.8	6	TURKEY. ML 2.7 (ISK).
	18	10	12	04.1?	1.16	N	132.22	E	33 N	4.9	4.6	1.4	9	IRIAN JAYA REGION, INDONESIA
	18	10	40	58.1?	6.05	S	150.72	E	81 *	4.0		1.0	8	NEW BRITAIN REGION, P.N.G.
	18	11	04	26.4%	44.288	N	8.255	E	5 G			0.9	6	NORTHERN ITALY. ML 1.6 (GEN).
	18	11	04	29.2?	44.28	N	8.21	E	5 G			0.4	4	NORTHERN ITALY. ML 2.0 (GEN).
	18	11	15	20.4%	44.280	N	8.187	E	5 G			0.5	7	NORTHERN ITALY. ML 2.1 (GEN).
	18	11	15	45.9%	44.289	N	8.194	E	5 G			0.4	7	NORTHERN ITALY. ML 2.2 (GEN).
	18	11	16	30.4%	44.274	N	8.194	E	5 G			0.5	5	NORTHERN ITALY. ML 1.9 (GEN).
	18	11	43	04.7?	16.92	N	99.70	W	10 G			0.5	4	NEAR COAST OF GUERRERO, MEXICO
	18	11	59	59.1?	7.71	S	123.72	E	273 ?	4.3		0.9	12	BANDA SEA
	18	13	43	39.5*	15.736	N	120.932	E	63 ?			1.6	8	LUZON, PHILIPPINE ISLANDS
	18	13	56	19.9%	59.373	N	6.052	E	10 G			0.3	5	SOUTHERN NORWAY. MD 2.0 (BER).
	18	14	37	35.6	28.807	N	128.182	E	23 D	4.9	4.2	1.3	49	RYUKYU ISLANDS
	18	15	18	13.9?	40.82	N	28.07	E	5 G			0.6	4	TURKEY. ML 2.7 (ISK).
	18	15	30	49.6&	37.917	N	122.293	W	6				8	CENTRAL CALIFORNIA. <GM-P>. MD 2.2 (GM). ML 2.3 (BRK). Felt at El Cerrito, Kensington and North Berkeley.
	18	16	58	28.0?	36.44	N	4.74	W	10 G			0.7	5	STRAIT OF GIBRALTAR. mbLg 2.4 (MDD).
	18	17	16	28.9%	33.189	S	70.799	W	73 ?			0.3	10	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	18	17	27	55.3*	51.631	N	159.203	E	35 D	4.5	4.1	1.4	48	OFF EAST COAST OF KAMCHATKA
	18	17	58	17.7&	34.244	N	118.458	W	12				27	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.5 (PAS), 2.8 (GS).
	18	18	17	37.1%	38.013	N	0.534	W	10 G			0.7	11	SPAIN. mbLg 3.0 (MDD).
	18	18	26	00.6?	37.27	N	2.34	W	10 G			1.3	4	SPAIN. mbLg 2.2 (MDD).
	18	18	43	29.7	28.408	N	138.777	E	530 *	4.5		0.9	45	BONIN ISLANDS REGION
	18	19	02	06.6?	17.68	S	13.00	W	10 G	4.7		1.0	12	SOUTHERN MID-ATLANTIC RIDGE
	18	19	05	18.5?	6.13	S	151.57	E	33 N	4.4		0.9	6	NEW BRITAIN REGION, P.N.G. ML 4.7 (PMG).
	18	20	20	35.9%	33.140	S	70.290	W	10 G			0.2	8	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	18	20	27	35.2?	14.45	S	174.00	W	33 N	4.5		1.6	23	SAMOA ISLANDS REGION
	18	21	00	54.6?	24.17	S	177.09	W	100 ?	4.9		1.6	13	SOUTH OF FIJI ISLANDS
	18	21	08	07.3%	38.383	S	175.984	E	160 G			0.6	16	NORTH ISLAND, NEW ZEALAND
	18	21	39	21.8	40.185	N	25.271	E	5 G			1.1	10	AEGEAN SEA. ML 3.1 (THE).
	18	22	51	43.1&	43.400	N	103.500	W	5 G				3	SOUTH DAKOTA. <MACRO>. mbLg 2.8 (GS). Felt at Hot Springs.
	18	23	45	53.7%	38.587	N	27.261	E	10 G			0.4	7	TURKEY. ML 3.1 (ISK).
	19	01	21	23.5&	58.775	N	151.561	W	45				84	KODIAK ISLAND REGION. <AEIC>. ML 3.6 (AEIC), 3.7 (PMR).
a	19	01	24	44.1	51.500	N	159.290	E	33 N	5.3	5.2	1.0	288	OFF EAST COAST OF KAMCHATKA. Mw 5.5 (HRV). Felt (III) at Petropavlovsk-Kamchatskiy.
	19	02	07	25.6%	40.207	N	23.867	E	5 G			0.4	7	GREECE. ML 2.3 (THE).
	19	02	07	55.7	42.698	N	13.357	E	10 G			1.4	60	CENTRAL ITALY. MD 3.5 (ROM), 3.4 (FIR). ML 3.5 (VIE), 3.4 (LDG).
	19	02	12	55.6	44.431	N	7.217	E	9			0.3	22	NORTHERN ITALY. ML 2.7 (GEN), 2.1 (LDG).
	19	02	19	03.4%	40.187	N	23.886	E	5 G			0.3	6	GREECE. ML 2.2 (THE).
	19	02	25	35.6%	44.426	N	7.243	E	5 G			0.2	6	NORTHERN ITALY. ML 1.9 (GEN).
	19	02	36	18.1%	40.199	N	23.871	E	5 G			0.3	7	GREECE. ML 2.3 (THE).
	19	02	46	56.9	36.763	N	35.984	E	10 G			0.8	20	TURKEY. ML 3.5 (BHL), 3.2 (CSS).
	19	02	53	55.7	42.874	N	0.204	E	5 G			1.1	18	PYRENEES. ML 2.7 (LDG). MD 2.6 (BTH). mbLg 2.6 (MDD). Felt in Bigorre, France.
	19	03	04	14.1*	3.850	S	141.248	E	112 *	5.0		1.2	28	NEW GUINEA, PAPUA NEW GUINEA
	19	03	17	34.5	39.727	N	23.416	E	16			1.2	37	AEGEAN SEA. ML 3.8 (THE), 3.6 (ROM). MD 3.8 (ATH).
	19	03	28	17.7%	40.198	N	25.281	E	10 G			0.5	6	AEGEAN SEA
	19	03	29	29.7&	59.987	N	151.305	W	44				46	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.6 (AEIC).
	19	04	21	24.7%	16.342	N	99.093	W	33 N			0.5	6	NEAR COAST OF GUERRERO, MEXICO
	19	04	38	13.7%	32.623	S	70.451	W	100 G			0.3	11	CHILE-ARGENTINA BORDER REGION. MD 3.9 (SAN).
	19	04	51	39.6*	39.786	N	23.405	E	10 G			1.6	16	AEGEAN SEA. ML 3.1 (THE).
	19	04	54	00.3?	28.63	N	53.13	E	33 N	4.4		1.6	30	SOUTHERN IRAN
	19	05	57	04.6?	28.73	N	52.59	E	33 N	4.4		0.9	23	SOUTHERN IRAN
	19	05	58	25.3%	40.637	S	175.325	E	60 G			0.9	24	NORTH ISLAND, NEW ZEALAND
	19	07	23	05.3?	53.67	N	159.10	E	33 N	3.8		1.0	7	NEAR EAST COAST OF KAMCHATKA

	19	08 00 54.6?	39.17	N	29.40	E	10	G			1.3	4	TURKEY. ML 2.6 (ISK).
	19	08 08 38.3?	18.34	N	67.38	W	33	N			0.3	6	MONA PASSAGE
	19	08 59 00.4*	41.749	N	16.036	E	10	G			0.7	6	SOUTHERN ITALY
	19	09 05 40.1	21.905	S	179.436	W	594		5.2		1.0	103	FIJI ISLANDS REGION
	19	09 35 05.1	14.180	S	167.614	E	33	N	5.2	4.6	1.1	122	VANUATU ISLANDS
	19	09 42 58.5	3.525	N	126.646	E	35	D	5.1		1.1	48	TALAUD ISLANDS, INDONESIA
	19	10 31 39.8*	6.090	S	123.489	E	638	?	4.7		1.1	15	BANDA SEA
	19	10 33 44.1%	38.573	N	27.231	E	10	G			0.1	5	TURKEY. ML 3.0 (ISK).
a	19	10 43 34.1*	8.344	N	58.588	E	10	G	4.9	4.9	1.3	65	CARLSBERG RIDGE. Mw 5.3 (HRV).
	19	10 54 27.8*	8.281	N	58.542	E	10	G	4.8	4.6	1.3	31	CARLSBERG RIDGE
	19	11 04 49.4?	33.63	S	177.39	E	33	N	3.9		1.0	12	NORTH OF NEW ZEALAND
	19	11 05 25.4?	36.37	N	70.39	E	227	?	4.2		1.0	13	HINDU KUSH REGION, AFGHANISTAN
	19	13 14 10.9?	39.57	N	3.19	W	10	G			0.8	4	SPAIN. mbLg 2.6 (MDD).
	19	14 31 39.9%	37.841	N	1.087	W	10	G			0.9	6	SPAIN. mbLg 2.7 (MDD).
	19	14 35 44.9%	38.426	N	28.653	E	10	G			0.7	7	TURKEY. ML 3.0 (ISK).
	19	15 04 17.2?	35.45	S	71.35	W	120	G			0.4	10	CENTRAL CHILE. MD 3.7 (SAN).
	19	16 07 42.5	42.820	N	110.975	W	5	G			0.9	14	WYOMING. ML 3.5 (GS). Felt at Afton.
	19	16 08 37.9	40.218	N	25.252	E	13				0.8	15	AEGEAN SEA. ML 3.4 (THE). MD 3.2 (ATH).
	19	16 21 05.4	42.852	N	111.040	W	5	G			0.8	7	EASTERN IDAHO. ML 2.8 (GS). Felt at Afton, Wyoming.
	19	17 48 06.1*	40.257	N	20.481	E	10	G			0.2	6	GREECE-ALBANIA BORDER REGION. ML 2.2 (THE).
	19	17 48 55.7	10.676	N	62.543	W	70	G	3.8		1.0	14	NEAR COAST OF VENEZUELA. MD 4.0 (TRN).
	19	17 51 01.5%	40.255	N	25.300	E	10	G			0.6	6	AEGEAN SEA. ML 2.8 (THE).
	19	17 54 47.3%	37.663	N	29.350	E	10	G			1.3	6	TURKEY. ML 3.3 (ISK).
	19	18 29 41.5%	37.498	N	28.972	E	10	G			0.6	7	TURKEY. ML 3.4 (ISK).
	19	18 52 09.1?	5.45	S	102.51	E	44	D	4.6	4.3	1.7	14	SOUTHERN SUMATERA, INDONESIA
	19	19 38 24.1%	39.127	N	23.270	E	33	N			0.4	8	AEGEAN SEA. ML 2.1 (THE).
	19	19 57 23.5&	63.140	N	151.527	W	11					47	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC), 3.2 (PMR).
	19	20 04 46.9&	62.248	N	150.259	W	61					89	CENTRAL ALASKA. <AEIC>. ML 3.8 (AEIC), 3.9 (PMR). Felt at Talkeetna.
	19	20 45 18.0&	61.769	N	149.569	W	36					56	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
	19	21 05 17.5&	34.295	N	118.511	W	10					27	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS), 2.6 (GS).
	19	21 15 56.1	38.279	N	22.370	E	30	*			1.1	11	GREECE. ML 3.0 (ATH), 2.7 (THE).
	19	21 35 44.5*	30.864	S	71.918	W	33	N			0.3	13	NEAR COAST OF CENTRAL CHILE. MD 4.2 (SAN).
	19	22 11 10.8	45.974	N	7.514	E	5	G			0.9	10	NORTHERN ITALY. ML 2.5 (GEN), 2.3 (LDG).
	19	23 47 50.4&	38.818	N	122.809	W	5					27	NORTHERN CALIFORNIA. <GM-P>. MD 3.1 (GM).
	20	00 29 22.5&	63.145	N	149.162	W	80					52	CENTRAL ALASKA. <AEIC>.
a	20	01 20 26.7	23.301	S	177.488	W	213	D	5.3		1.1	192	SOUTH OF FIJI ISLANDS. Mw 5.4 (HRV).
	20	01 27 43.2?	28.89	N	34.72	E	5	G			0.8	4	EGYPT
	20	01 48 12.9?	44.43	N	7.26	E	10	G			0.3	4	NORTHERN ITALY. ML 1.2 (GEN).
	20	02 12 35.1*	0.462	N	30.170	E	19	D	4.9		0.8	67	UGANDA
	20	04 06 59.0%	43.061	N	0.638	W	10	G			0.1	5	PYRENEES. ML 1.0 (STR).
	20	04 26 31.2?	17.47	N	61.97	W	10	G			0.2	4	LEEWARD ISLANDS. MD 2.8 (TRN).
	20	04 45 04.6&	60.018	N	153.105	W	118		2.8			52	SOUTHERN ALASKA. <AEIC>.
	20	06 48 31.3&	34.349	N	118.700	W	13					52	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 3.2 (GS).
	20	07 15 06.0&	43.400	N	103.500	W	5	G				3	SOUTH DAKOTA. <MACRO>. mbLg 2.3 (GS). Felt at Hot Springs.
	20	07 58 41.8*	51.171	N	178.431	E	33	N	3.9		1.0	19	RAT ISLANDS, ALEUTIAN ISLANDS. ML 4.2 (PMR).
	20	08 20 22.1?	39.13	N	27.56	E	10	G			0.8	4	TURKEY
	20	08 24 24.7	41.051	N	22.429	E	10	G			0.5	11	NORTHWESTERN BALKAN REGION. ML 2.2 (THE), 2.0 (SKO).
	20	08 26 18.0?	39.17	N	27.48	E	5	G			0.8	4	TURKEY. ML 2.8 (ISK).
	20	09 36 18.6?	39.14	N	27.52	E	5	G			0.3	4	TURKEY. ML 2.7 (ISK).
	20	10 07 15.7%	46.782	N	0.272	W	10	G			0.7	7	FRANCE. ML 2.5 (LDG).
	20	10 55 44.6?	38.04	S	175.27	E	33	N			1.3	13	NORTH ISLAND, NEW ZEALAND
	20	11 35 02.2?	39.12	N	27.48	E	5	G			0.5	4	TURKEY. ML 2.7 (ISK).
	20	11 40 25.4*	11.614	N	86.678	W	170	?	4.3		1.0	28	NEAR COAST OF NICARAGUA
	20	11 44 00.9%	18.133	N	65.822	W	10	G			0.5	5	PUERTO RICO REGION
	20	11 57 55.8%	39.608	N	29.533	E	10	G			1.3	5	TURKEY. ML 2.6 (ISK).
	20	12 59 06.5?	39.65	N	29.55	E	10	G			1.0	4	TURKEY. ML 2.6 (ISK).
	20	13 02 30.0%	46.330	N	2.038	E	10	G			0.3	7	FRANCE. ML 1.5 (LDG).
	20	13 35 19.3	58.602	N	144.358	W	10	G			0.6	18	GULF OF ALASKA. ML 2.5 (AEIC).
	20	13 39 00.6	51.381	N	15.821	E	10	G			0.6	13	POLAND. ML 3.3 (VIE), 2.9 (CLL).
	20	14 50 25.4	15.594	N	147.825	E	26	D	4.6		1.0	38	MARIANA ISLANDS REGION
	20	16 47 22.6	39.813	N	20.646	E	10	G			1.0	15	GREECE-ALBANIA BORDER REGION. MD 3.4 (ATH). ML 3.2 (THE).
	20	17 36 54.6	39.976	N	23.364	E	5	G			0.6	10	AEGEAN SEA. ML 2.5 (THE).
	20	17 54 23.4%	38.430	S	175.962	E	190	G			0.6	16	NORTH ISLAND, NEW ZEALAND
	20	20 26 42.2%	33.950	S	71.148	W	67	?			0.2	10	NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	20	20 44 08.6*	14.965	S	167.497	E	33	N	5.1		1.4	65	VANUATU ISLANDS
a	20	21 20 12.2&	34.231	N	118.475	W	13		5.2	4.8		232	SOUTHERN CALIFORNIA. <PAS-P>. Mw 5.3 (HRV). ML 5.3 (PAS), 5.3 (BRK). Mo=1.2*10**17 Nm (BRK). Minor damage (VI) at Burbank and in the San Fernando area. Felt (V) at Agoura Hills, Glendale, Huntington Park, La Crescenta, Los Alamitos, Monterey Park, Northridge, Oxnard, Paramount, Port Hueneme, Reseda, Santa Barbara, Santa Clarita, Sierra Madre, Sunland, Sun Valley, Tarzana, Topanga, Tujunga, Van Nuys, Westminster, Whittier and Woodland Hills. Felt in Los Angeles, Orange, San Bernardino, San Diego, Santa Barbara and Ventura Counties.
	20	22 33 39.7?	41.76	N	25.13	E	5	G			1.2	7	GREECE-BULGARIA BORDER REGION. ML 3.0 (THE).
	20	23 22 05.0	40.466	N	141.567	E	89		4.5		1.0	60	NEAR EAST COAST OF HONSHU, JAPAN. Felt (III JMA) at Hachinohe and (II JMA) at Miyako.
	21	00 15 41.3?	36.90	N	78.08	E	33	N	3.8		0.2	5	KASHMIR-XINJIANG BORDER REGION
	21	00 47 54.6?	10.93	N	62.29	W	80	G			0.1	4	NEAR COAST OF VENEZUELA. MD 3.0 (TRN).
	21	01 16 52.3	40.672	N	23.432	E	10	G			0.4	8	GREECE. ML 2.0 (THE).
	21	01 21 23.0%	40.466	N	29.167	E	5	G			0.6	6	TURKEY. ML 2.5 (ISK).
	21	01 26 07.2%	39.587	N	23.527	E	5	G			0.3	7	AEGEAN SEA. ML 2.6 (THE).
	21	01 29 23.7&	34.231	N	118.490	W	12					24	SOUTHERN CALIFORNIA. <PAS-P>. MD 2.6 (PAS). ML 2.8 (GS).
	21	02 30 53.0	56.094	N	153.373	W	10	G	3.6		0.8	39	KODIAK ISLAND REGION. ML 3.8 (AEIC).
	21	02 43 32.5?	11.99	N	143.49	E	10	G	4.6		1.4	18	SOUTH OF MARIANA ISLANDS
	21	02 45 05.4	10.628	N	125.277	E	208		4.7		0.9	25	LEYTE, PHILIPPINE ISLANDS
	21	04 00 09.3&	34.225	N	118.507	W	13					27	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.5 (PAS), 2.8 (GS).

													Felt.
	21	05	18	08.8	35.500	N	27.629	E	74	4.1	1.1	54	DODECANESE ISLANDS. MD 4.3 (ATH).
	21	06	13	33.8	11.592	N	95.027	E	33 N	4.7	0.9	18	ANDAMAN ISLANDS, INDIA
	21	06	19	09.3&	34.398	N	116.462	W	1			27	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 3.0 (GS).
	21	06	24	38.8	20.182	S	68.391	W	174 ?	4.8	1.3	13	CHILE-BOLIVIA BORDER REGION
	21	06	36	46.7*	15.659	N	147.759	E	33 N	4.4	1.0	9	MARIANA ISLANDS REGION
	21	06	42	00.2	40.271	N	22.621	E	5 G		0.8	12	GREECE. ML 2.1 (THE).
	21	07	07	36.0%	39.630	N	29.471	E	10 G		0.9	5	TURKEY. ML 2.5 (ISK).
	21	07	20	58.6?	43.24	N	6.25	E	10 G		0.6	7	NEAR SOUTH COAST OF FRANCE
	21	08	50	21.6	39.648	N	23.392	E	5 G		0.6	9	AEGEAN SEA. ML 2.5 (THE).
	21	09	28	04.3*	0.736	S	78.343	W	33 N		0.7	5	ECUADOR
	21	10	06	23.9?	41.03	N	28.64	E	5 G		0.2	4	TURKEY. ML 2.6 (ISK).
	21	10	31	48.6&	34.155	N	116.430	W	5			26	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.8 (GS).
	21	11	19	27.1?	39.18	N	27.39	E	10 G		0.2	4	TURKEY. ML 2.8 (ISK).
	21	11	23	37.2*	19.378	N	145.171	E	200 *	4.3	0.8	26	MARIANA ISLANDS
	21	11	36	32.8?	39.28	N	27.71	E	10 G		0.1	4	TURKEY. ML 2.8 (ISK).
	21	12	37	48.8	39.042	S	174.926	E	217 *		0.4	22	NORTH ISLAND, NEW ZEALAND
	21	12	41	18.6&	61.493	N	146.460	W	23			40	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	21	13	44	43.0*	14.109	N	118.952	E	33 N	4.3	0.8	9	PHILIPPINE ISLANDS REGION
	21	13	53	37.3	50.982	N	6.126	E	10 G		0.6	7	GERMANY. ML 1.9 (UCC).
	21	14	30	38.4?	18.31	N	101.66	W	33 N		1.3	5	GUERRERO, MEXICO
	21	16	10	04.5	43.419	N	5.444	E	5 G		0.6	14	NEAR SOUTH COAST OF FRANCE. ML 2.5 (STR).
	21	16	18	02.6?	44.37	N	6.90	E	5 G		0.4	5	FRANCE. ML 1.7 (GEN).
	21	16	19	25.0	43.226	N	10.792	E	5 G	3.7	1.0	17	CENTRAL ITALY. MD 3.3 (FIR).
	21	16	24	30.2?	44.31	N	6.76	E	10 G		0.3	5	FRANCE. ML 1.6 (GEN).
	21	16	27	32.8	6.892	N	73.097	W	169	4.2	1.2	17	NORTHERN COLOMBIA. Felt at Medellin.
	21	16	36	09.1%	45.088	N	3.156	E	10 G		0.8	8	FRANCE. ML 2.5 (LDG).
	21	17	34	18.4&	36.860	N	89.170	W	5			19	NEW MADRID, MISSOURI REGION. <SLM-P>. MD 2.9 (SLM). mbLg 2.9 (GS).
	21	18	13	03.9&	32.255	N	115.293	W	15			18	CALIF.-BAJA CALIF. BORDER REGION. <ECX-P>. MD 3.3 (ECX). ML 3.0 (PAS).
	21	18	54	12.4	46.398	N	15.924	E	5 G		0.3	8	NORTHWESTERN BALKAN REGION. MD 2.7 (LJU). ML 2.3 (VIE). Felt at Podlehnik and Trzec, Slovenia.
	21	18	56	07.6&	60.193	N	152.403	W	88			44	SOUTHERN ALASKA. <AEIC>.
	21	20	41	11.4	44.384	N	2.456	W	10 G		0.9	23	BAY OF BISCAY. mbLg 3.3 (MDD). ML 3.3 (LDG).
	21	21	29	15.7	44.378	N	2.483	W	10 G		0.8	21	BAY OF BISCAY. mbLg 3.3 (MDD). ML 3.2 (LDG).
	21	21	41	01.9	39.745	N	15.461	E	279	5.1	1.0	347	SOUTHERN ITALY
	21	21	51	20.5*	51.408	N	15.725	E	10 G		0.9	6	POLAND. ML 2.4 (CLL).
	22	00	41	39.8	44.501	N	7.307	E	10 G		0.8	13	NORTHERN ITALY. ML 2.2 (GEN), 1.9 (LDG).
a	22	01	12	59.5*	41.363	S	105.090	W	10 G	5.1	1.1	58	SOUTHERN EAST PACIFIC RISE. Mw 5.2 (HRV).
	22	01	48	35.0	28.923	N	128.275	E	33 N	4.8	1.1	31	RYUKYU ISLANDS
	22	02	21	47.6?	36.87	N	2.99	W	10 G		1.0	4	STRAIT OF GIBRALTAR. mbLg 2.2 (MDD).
	22	02	28	43.8%	38.642	N	27.375	E	10 G		0.9	5	TURKEY. ML 2.8 (ISK).
	22	02	33	45.9?	10.99	N	62.00	W	80 G		1.0	8	NEAR COAST OF VENEZUELA. MD 3.4 (TRN).
	22	03	36	22.9?	11.01	N	61.98	W	80 G		0.7	7	WINDWARD ISLANDS. MD 3.0 (TRN).
	22	04	05	07.1?	28.90	N	34.88	E	10 G		1.5	4	EGYPT
	22	04	07	55.5?	29.39	N	35.31	E	10 G		0.9	5	WESTERN ARABIAN PENINSULA
	22	05	06	07.1&	59.524	N	153.606	W	123	3.3		92	SOUTHERN ALASKA. <AEIC>.
	22	05	22	16.5?	33.05	S	72.02	W	35 ?		0.6	12	OFF COAST OF CENTRAL CHILE. MD 3.8 (SAN).
	22	05	36	42.3&	65.390	N	133.370	W	10 G			6	NORTHERN YUKON TERRITORY, CANADA. <PGC-P>. ML 3.4 (PGC).
	22	05	42	27.6?	36.98	N	27.02	E	10 G	3.0	0.8	4	DODECANESE ISLANDS
	22	06	38	35.1	42.696	N	111.099	W	5 G		1.0	10	EASTERN IDAHO. ML 2.5 (GS).
	22	07	23	19.7	38.221	N	142.022	E	52	4.4 4.2	1.0	45	NEAR EAST COAST OF HONSHU, JAPAN
	22	08	52	18.9	40.696	N	20.593	E	10 G	3.7	0.8	30	GREECE-ALBANIA BORDER REGION. MD 3.9 (ATH).
	22	08	58	31.7?	39.17	N	27.54	E	10 G		0.7	4	TURKEY. ML 2.6 (ISK).
	22	10	40	30.1	38.225	N	27.669	E	10 G		1.1	9	TURKEY. ML 3.3 (ISK).
	22	11	03	20.8?	31.47	S	69.54	W	210 G		0.6	11	SAN JUAN PROVINCE, ARGENTINA. MD 4.2 (SAN).
	22	11	29	08.1*	40.585	N	20.670	E	5 G		1.0	6	GREECE-ALBANIA BORDER REGION
	22	11	51	46.2	19.947	S	167.886	E	36 *	4.7 4.5	1.3	33	VANUATU ISLANDS REGION
	22	13	23	23.2&	62.291	N	151.438	W	89			74	CENTRAL ALASKA. <AEIC>.
	22	13	26	30.2&	38.801	N	122.763	W	4			54	NORTHERN CALIFORNIA. <GM-P>. MD 3.2 (GM). ML 3.1 (GS), 3.0 (BRK).
	22	13	37	56.2?	22.20	S	179.86	E	581 ?	4.6	1.1	14	SOUTH OF FIJI ISLANDS
	22	13	58	27.1?	38.33	N	27.77	E	10 G		0.2	4	TURKEY. ML 2.8 (ISK).
	22	14	55	28.5	39.563	N	19.635	E	10 G		0.4	4	GREECE-ALBANIA BORDER REGION. MD 3.0 (ATH).
	22	15	32	42.1&	34.311	N	118.433	W	7			28	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS).
	22	16	21	40.6*	2.818	N	96.286	E	49 ?	4.2	0.5	7	NORTHERN SUMATERA, INDONESIA
	22	16	30	54.9	37.948	N	23.544	E	181	4.2	0.7	67	SOUTHERN GREECE
	22	18	17	16.0*	40.655	N	20.878	E	10 G		0.6	5	GREECE-ALBANIA BORDER REGION
	22	18	31	37.3	51.387	N	15.653	E	10 G		0.9	11	POLAND. ML 3.2 (VIE).
	22	20	24	30.0	2.129	S	138.753	E	33 N	4.8	1.0	30	IRIAN JAYA, INDONESIA
	22	20	58	21.4%	40.006	N	23.406	E	5 G		0.6	7	GREECE. ML 2.1 (THE).
	22	21	14	02.4?	40.71	N	29.70	E	10 G		0.6	4	TURKEY. ML 2.6 (ISK).
	22	21	19	07.5	44.556	N	7.337	E	5 G		0.4	13	NORTHERN ITALY. ML 2.3 (GEN), 1.9 (LDG).
	22	21	41	28.7&	42.288	N	122.030	W	5			6	OREGON. <SEA-P>. MD 2.6 (SEA).
	22	21	54	11.3	39.232	S	174.864	E	36 ?		0.7	33	NORTH ISLAND, NEW ZEALAND. ML 4.0 (WEL).
	22	22	21	27.5&	32.060	N	115.396	W	6			23	CALIF.-BAJA CALIF. BORDER REGION. <ECX-P>. MD 3.5 (ECX).
	22	22	47	33.4?	16.44	N	99.03	W	24 *		1.3	7	NEAR COAST OF GUERRERO, MEXICO
	22	23	19	31.0	42.169	N	23.393	E	10 G		1.0	13	BULGARIA. ML 2.9 (THE).
	22	23	39	58.7	34.233	N	25.305	E	52 *	4.3	1.2	67	CRETE. MD 4.1 (ATH).
	22	23	48	08.5	34.008	N	25.227	E	36 *	4.2	1.2	73	CRETE
	22	23	54	36.2?	44.43	N	7.25	E	5 G		0.0	4	NORTHERN ITALY. ML 1.5 (GEN).
	22	23	58	44.1	34.037	N	25.304	E	55 ?		0.5	13	CRETE. MD 3.8 (ATH).
	23	01	19	12.5	51.630	N	158.074	E	33 N	4.8	0.8	63	NEAR EAST COAST OF KAMCHATKA
	23	01	40	56.6*	45.897	N	10.957	E	10 G		1.0	11	NORTHERN ITALY. ML 2.4 (VIE).
	23	01	47	40.1%	31.156	S	117.303	E	10 G		0.6	6	WESTERN AUSTRALIA
	23	02	59	16.1&	31.806	N	116.128	W	23	4.6		161	BAJA CALIFORNIA, MEXICO. <ECX-P>. MD 4.8 (ECX). ML 5.0 (GS). Felt at Ensenada, Mexicali, Tecate, Tijuana and in the Ojos Negros Valley. Felt (IV) at Heber, Ocotillo and Pine Valley; (III) at Brawley, Campo, Chula Vista, Holtville, Mt. Laguna, National City, Niland and

													Temecula, California. Also felt at San Diego, California.
23	03	08	46.5&	31.807	N	116.131	W	20				33	BAJA CALIFORNIA, MEXICO. <ECX-P>. MD 3.7 (ECX). ML 3.4 (GS).
23	03	11	12.4*	32.405	N	142.163	E	33	N	4.5	0.7	8	SOUTH OF HONSHU, JAPAN
23	03	19	44.8&	34.311	N	118.542	W	4				23	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS), 3.0 (GS).
23	03	56	18.4&	31.800	N	116.119	W	18				2	BAJA CALIFORNIA, MEXICO. <ECX-P>. MD 2.9 (ECX).
23	04	22	12.4	43.275	N	8.190	E	10	G		0.2	8	CORSICA. ML 2.0 (LDG).
23	05	07	55.2	34.029	N	25.164	E	34	*	4.0	1.1	73	CRETE
23	05	39	56.7%	47.194	N	6.258	E	10	G		0.6	9	FRANCE. ML 2.1 (LDG).
23	06	11	01.2%	47.405	N	6.014	E	10	G		0.9	5	FRANCE. ML 2.0 (LDG).
23	06	29	21.6%	40.731	N	27.747	E	5	G		0.6	5	TURKEY. ML 2.8 (ISK).
23	07	00	49.9?	32.75	S	179.89	E	482	?	4.5	1.4	27	SOUTH OF KERMADEC ISLANDS
23	07	52	50.8	12.300	N	122.205	E	33		4.7	0.9	13	LUZON, PHILIPPINE ISLANDS
23	08	23	47.2&	31.813	N	116.129	W	20				26	BAJA CALIFORNIA, MEXICO. <ECX-P>. MD 3.6 (ECX). ML 3.5 (GS).
23	08	26	15.5*	35.308	N	27.678	E	10	G		1.5	5	DODECANESE ISLANDS. MD 3.6 (ATH).
23	10	01	36.3%	16.609	N	93.399	W	33	N		1.5	5	CHIAPAS, MEXICO
23	10	08	13.5&	31.820	N	116.127	W	21				17	BAJA CALIFORNIA, MEXICO. <ECX-P>. MD 2.7 (ECX), 3.0 (GS).
23	11	23	09.7?	39.08	N	27.57	E	10	G		0.8	4	TURKEY. ML 2.8 (ISK).
23	11	31	55.1%	39.230	N	27.817	E	10	G		0.2	5	TURKEY. ML 2.7 (ISK).
23	11	45	37.1?	39.11	N	27.62	E	10	G		0.6	4	TURKEY. ML 2.7 (ISK).
23	11	50	40.2%	21.042	S	117.890	E	10	G		1.2	9	WESTERN AUSTRALIA
23	11	51	10.5	38.343	S	175.836	E	209	*		0.4	21	NORTH ISLAND, NEW ZEALAND
23	12	11	42.7&	31.809	N	116.118	W	21				18	BAJA CALIFORNIA, MEXICO. <ECX-P>. MD 2.9 (ECX), 3.2 (GS).
23	12	51	40.7?	47.24	N	11.28	E	10	G		0.1	4	AUSTRIA. ML 1.4 (VIE).
23	12	58	53.1*	33.335	S	70.526	W	81	?		0.4	10	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
23	13	05	14.5&	34.388	N	116.461	W	3				27	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.8 (GS).
23	13	13	50.4%	31.191	S	117.276	E	10	G		0.9	5	WESTERN AUSTRALIA
23	15	10	30.4	37.796	N	4.129	W	14			0.9	16	SPAIN. mbLg 3.4 (MDD).
23	15	26	38.4%	43.425	N	5.471	E	5	G		0.6	12	NEAR SOUTH COAST OF FRANCE. ML 2.6 (STR).
23	15	53	12.1*	42.933	N	0.259	W	10	G		1.2	9	PYRENEES. ML 2.6 (LDG). Felt (III) in the Bearn region, France.
23	16	50	15.2?	44.96	S	166.23	E	10	G		0.5	8	OFF W. COAST OF S. ISLAND, N.Z. ML 3.9 (WEL).
23	17	00	44.6&	34.290	N	118.460	W	10				55	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.2 (GS). Felt.
23	17	14	45.3	28.874	N	52.596	E	33	N	4.7	0.9	71	SOUTHERN IRAN
23	18	20	12.6	44.370	N	6.968	E	13			0.4	10	FRANCE. ML 2.3 (GEN), 2.1 (LDG).
23	18	34	01.5?	1.33	S	78.39	W	10	G		0.7	5	ECUADOR. MD 4.0 (QUI).
23	18	55	25.9&	62.905	N	150.538	W	89		3.0		90	CENTRAL ALASKA. <AEIC>.
23	19	15	10.9?	10.73	N	72.61	W	54	?	4.4	0.9	6	VENEZUELA
23	19	27	29.1*	33.747	S	70.631	W	79	?		0.2	9	CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).
23	19	53	31.1	37.074	N	36.147	E	10	G		0.7	16	TURKEY
23	20	00	51.2?	31.37	S	179.94	E	552	*	5.1	1.0	30	KERMADEC ISLANDS REGION
23	20	57	19.5*	17.999	S	178.096	W	443	*	4.2	0.4	12	FIJI ISLANDS REGION
23	21	25	13.4?	33.39	S	70.22	W	115	?		0.3	11	CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
23	21	51	44.9&	58.602	N	153.851	W	88				41	KODIAK ISLAND REGION. <AEIC>.
24	00	13	03.1*	31.698	S	69.811	W	140	G		0.5	11	SAN JUAN PROVINCE, ARGENTINA. MD 3.7 (SAN).
24	01	26	44.6?	47.28	N	11.57	E	10	G		0.5	4	AUSTRIA. ML 0.8 (VIE).
24	01	38	41.5	58.334	N	142.907	W	10	G	4.5	0.9	117	GULF OF ALASKA. ML 4.3 (AEIC), 4.4 (PMR), 4.5 (PGC).
24	02	03	05.0	45.556	N	14.260	E	10	G		0.3	6	NORTHWESTERN BALKAN REGION. MD 2.4 (TRI), 2.5 (LJU). ML 2.3 (VIE).
24	02	08	42.0?	51.31	N	15.93	E	10	G		0.8	6	POLAND
24	02	19	06.6%	45.507	N	27.724	E	33	N		1.3	6	ROMANIA
24	02	26	29.2?	16.58	N	99.14	W	33	N		0.7	4	NEAR COAST OF GUERRERO, MEXICO
24	03	12	30.0?	37.28	S	176.07	E	344	?		0.4	11	NORTH ISLAND, NEW ZEALAND
24	03	21	08.8&	34.363	N	116.470	W	0				39	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
24	03	36	34.8&	31.817	N	116.126	W	18				15	BAJA CALIFORNIA, MEXICO. <ECX-P>. MD 2.9 (ECX).
24	04	51	39.9	37.603	N	20.308	E	41	*	3.9	1.1	30	IONIAN SEA. MD 3.6 (ATH).
24	05	22	46.3?	71.62	N	0.67	W	10	G	4.4	0.8	12	JAN MAYEN ISLAND REGION
24	06	32	57.7	36.652	N	116.188	W	5	G		0.9	43	CALIFORNIA-NEVADA BORDER REGION. ML 3.9 (GS).
24	06	44	43.9*	44.381	N	15.439	E	10	G		0.4	6	NORTHWESTERN BALKAN REGION. MD 2.8 (TRI). ML 2.2 (LJU).
24	06	58	09.1?	39.40	N	29.81	E	10	G		0.6	4	TURKEY. ML 2.6 (ISK).
24	07	21	11.3?	39.11	N	27.60	E	10	G		0.6	4	TURKEY. ML 2.7 (ISK).
24	08	03	21.4*	38.660	N	20.316	E	10	G		1.5	9	GREECE. ML 3.2 (THE). MD 3.2 (ATH).
24	08	23	39.9?	39.07	N	27.60	E	10	G		0.6	4	TURKEY. ML 2.6 (ISK).
24	08	27	49.1?	39.10	N	27.56	E	10	G		0.9	4	TURKEY. ML 2.6 (ISK).
24	08	30	29.3?	39.16	N	27.38	E	10	G		0.7	4	TURKEY. ML 2.6 (ISK).
24	09	53	22.5?	39.96	N	22.82	E	5	G		0.2	4	GREECE
24	10	14	40.8%	39.661	N	29.493	E	10	G		0.8	5	TURKEY. ML 2.6 (ISK).
24	10	49	57.3*	39.452	N	19.852	E	5	G		0.9	9	GREECE-ALBANIA BORDER REGION. MD 2.9 (ATH).
24	10	51	09.8?	25.46	S	179.41	E	651	?	4.5	0.9	24	SOUTH OF FIJI ISLANDS
24	11	00	47.0	4.429	N	125.801	E	175	*	4.6	1.0	27	TALAUD ISLANDS, INDONESIA
24	11	04	45.3%	39.110	N	27.606	E	10	G		0.8	5	TURKEY. ML 2.7 (ISK).
24	11	39	45.0&	64.030	N	149.777	W	151				51	CENTRAL ALASKA. <AEIC>.
24	11	41	50.6*	8.418	S	118.749	E	33	N	4.7 4.4	1.3	23	SUMBAWA REGION, INDONESIA
24	11	51	44.4*	4.268	S	152.739	E	51	*	4.9	1.3	23	NEW BRITAIN REGION, P.N.G. Felt (IV) at Rabaul.
24	11	56	40.1&	62.035	N	150.310	W	46				67	CENTRAL ALASKA. <AEIC>. ML 2.8 (AEIC), 2.8 (PMR).
24	11	57	26.0%	39.298	N	27.486	E	5	G		0.6	6	TURKEY. ML 2.7 (ISK).
24	11	59	07.6%	0.380	N	79.135	W	33	N		0.3	5	NEAR COAST OF ECUADOR. MD 4.0 (QUI).
24	12	11	17.1	41.013	S	174.840	E	33	N		0.6	14	COOK STRAIT, NEW ZEALAND
24	12	11	31.2	41.016	S	174.898	E	33	N		0.5	8	COOK STRAIT, NEW ZEALAND
24	13	24	21.8&	69.539	N	131.958	W	5	G			5	NORTHWEST TERRITORIES, CANADA. <PGC-P>. ML 3.4 (PGC).
24	13	26	10.5*	9.112	S	119.567	E	33	N	4.9	1.4	15	SUMBA REGION, INDONESIA
24	13	48	55.2	39.980	N	28.097	E	10	G		0.6	10	TURKEY. ML 2.8 (ISK).
24	13	51	31.4*	26.371	N	91.270	E	33	N	4.3	1.0	11	NORTHEASTERN INDIA
24	13	55	30.6%	40.710	N	30.035	E	5	G		0.4	9	TURKEY. ML 2.9 (ISK).
24	14	13	39.5%	39.702	N	29.468	E	5	G		0.6	5	TURKEY. ML 2.6 (ISK).
24	14	52	16.5%	39.082	N	27.644	E	10	G		0.7	5	TURKEY. ML 2.6 (ISK).
24	15	00	31.6%	39.612	N	29.516	E	10	G		0.8	7	TURKEY. ML 2.7 (ISK).
24	15	11	55.9	38.990	N	20.535	E	10	G		1.1	14	GREECE. ML 2.9 (THE). MD 3.1 (ATH).

	24	17 11 24.2	50.555	N	150.334	E	450	D	5.2		0.7	333	NORTHWEST OF KURIL ISLANDS
	24	17 17 23.5*	18.276	S	178.519	W	600	*	4.7		1.2	43	FIJI ISLANDS REGION
	24	17 26 48.6?	34.43	S	70.55	W	120	G			0.1	10	CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
a	24	18 40 53.6	8.090	N	126.672	E	33	N	5.1		1.1	72	MINDANAO, PHILIPPINE ISLANDS. Mw 5.0 (HRV).
	24	19 22 08.0?	38.09	S	176.08	E	237	?			0.4	13	NORTH ISLAND, NEW ZEALAND
	24	19 35 35.5	39.543	N	20.367	E	10	G			0.8	12	GREECE-ALBANIA BORDER REGION. ML 3.0 (THE). MD 3.1 (ATH).
	24	19 52 25.2*	51.433	N	15.779	E	10	G			0.9	8	POLAND. ML 2.5 (CLL).
	24	20 12 41.0&	61.610	N	151.810	W	98					62	SOUTHERN ALASKA. <AEIC>.
	24	21 26 57.0*	29.143	N	35.109	E	10	G			1.0	6	WESTERN ARABIAN PENINSULA
	24	22 09 13.3?	62.54	N	4.59	E	10	G			1.1	7	NORWEGIAN SEA. MD 2.7 (BER).
	24	22 18 34.3	18.368	S	172.318	W	66	D	5.0		0.8	52	TONGA ISLANDS REGION
	24	22 34 35.5&	34.972	N	116.945	W	2					21	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	24	23 01 44.7&	62.886	N	149.889	W	82					68	CENTRAL ALASKA. <AEIC>.
	25	00 57 58.4	42.824	N	111.181	W	5	G			0.5	10	EASTERN IDAHO. ML 2.9 (GS).
	25	01 18 15.2*	25.285	S	84.121	E	10	G	5.1	4.7	1.1	23	SOUTH INDIAN OCEAN
	25	01 58 45.6&	34.320	N	118.556	W	3					30	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.7 (GS).
	25	02 32 49.5?	38.74	N	28.30	E	10	G			0.5	4	TURKEY. ML 2.6 (ISK).
	25	03 06 08.0%	39.532	N	28.844	E	5	G			0.2	7	TURKEY. ML 2.7 (ISK).
	25	03 17 39.8	42.751	N	111.132	W	5	G			0.7	9	EASTERN IDAHO. ML 2.5 (GS).
	25	03 34 19.7	51.520	N	7.081	E	10	G			0.2	8	GERMANY. ML 2.6 (KOE), 2.3 (BNS), 2.2 (UCC).
	25	03 51 30.0?	43.08	N	0.57	W	5	G			0.1	4	PYRENEES. ML 1.0 (STR).
	25	04 08 06.0	43.467	N	11.282	E	13				0.9	49	CENTRAL ITALY. MD 3.4 (TRI), 3.3 (FIR). ML 3.3 (LDG), 3.1 (VIE).
	25	05 30 16.1	40.979	N	22.214	E	10	G			0.7	7	GREECE. ML 2.2 (THE).
	25	05 44 16.6	29.265	N	130.543	E	33	N	4.4		0.8	22	RYUKYU ISLANDS
	25	07 03 00.9*	38.662	N	20.437	E	10				1.3	13	GREECE. MD 3.4 (ATH). ML 3.2 (THE).
	25	07 19 15.0?	39.52	N	29.57	E	10	G			0.8	5	TURKEY. ML 2.6 (ISK).
	25	07 25 22.7*	36.249	N	22.614	E	10	G			1.5	5	SOUTHERN GREECE. MD 3.4 (ATH).
	25	07 39 09.8&	34.360	N	116.462	W	6					12	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS), 2.7 (GS).
	25	07 53 48.7*	9.400	S	150.793	E	46	*	4.9		1.0	10	EASTERN NEW GUINEA REG., P.N.G.
	25	08 18 45.0&	31.816	N	116.114	W	18					22	BAJA CALIFORNIA, MEXICO. <ECX-P>. MD 2.9 (ECX).
	25	08 25 43.5%	39.110	N	27.568	E	10	G			0.7	5	TURKEY. ML 2.6 (ISK).
	25	08 50 22.6?	38.49	N	26.48	E	10	G			0.1	4	AEGEAN SEA. ML 3.2 (ISK).
	25	08 57 09.9	39.557	N	28.816	E	5	G			0.6	18	TURKEY. ML 3.3 (ISK). MD 3.3 (ATH).
	25	09 06 47.2?	39.10	N	27.61	E	10	G			1.2	4	TURKEY. ML 2.7 (ISK).
	25	09 09 40.0*	40.228	N	21.612	E	5	G			0.9	5	GREECE. ML 2.0 (THE).
	25	09 18 25.4?	39.34	N	27.62	E	5	G			0.4	4	TURKEY. ML 2.7 (ISK).
	25	09 46 08.7?	27.10	S	120.45	E	10	G			0.2	5	WESTERN AUSTRALIA
	25	09 56 53.5&	60.183	N	152.443	W	85					84	SOUTHERN ALASKA. <AEIC>.
	25	10 13 42.8&	34.224	N	118.475	W	14					32	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS), 2.9 (GS). Felt.
	25	10 13 42.9	5.875	S	145.969	E	23		4.3	4.3	0.9	16	EASTERN NEW GUINEA REG., P.N.G.
	25	11 00 28.0%	39.103	N	27.596	E	10	G			0.6	5	TURKEY. ML 2.7 (ISK).
	25	11 15 55.1%	44.418	N	7.518	E	10	G			0.2	6	NORTHERN ITALY. ML 2.2 (LDG).
	25	12 12 29.5	40.492	N	21.901	E	5	G			0.6	7	GREECE. ML 1.7 (THE).
	25	12 17 59.3%	39.632	N	29.470	E	10	G			1.2	5	TURKEY. ML 2.7 (ISK).
	25	12 19 32.0%	1.134	S	78.417	W	10	G			1.1	7	ECUADOR. MD 4.0 (QUI).
	25	12 29 10.3?	39.14	N	27.58	E	10	G			0.4	4	TURKEY. ML 2.8 (ISK).
	25	12 51 58.4	8.769	S	111.799	E	97	*	4.8		1.1	35	JAWA, INDONESIA
	25	12 52 48.2%	34.196	S	70.136	W	10	G			0.4	9	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	25	13 12 19.5	32.856	N	39.799	W	10	G	4.8	4.7	1.0	73	NORTHERN MID-ATLANTIC RIDGE
	25	13 24 29.1	42.395	N	24.030	E	10	G			0.9	8	BULGARIA
	25	14 11 38.4?	6.45	S	146.09	E	99	?	3.1		0.6	5	EASTERN NEW GUINEA REG., P.N.G.
	25	14 33 19.8?	39.71	N	29.46	E	10	G			1.4	4	TURKEY. ML 2.6 (ISK).
	25	14 35 18.4*	4.459	S	135.025	E	33	N	4.7		1.0	6	IRIAN JAYA REGION, INDONESIA
	25	15 17 27.0%	39.107	N	27.549	E	10	G			0.6	5	TURKEY. ML 2.6 (ISK).
	25	15 27 53.2&	56.503	N	154.098	W	10					9	KODIAK ISLAND REGION. <AEIC>. ML 2.9 (AEIC).
	25	16 21 01.0?	40.22	N	25.30	E	5	G			0.8	4	AEGEAN SEA
	25	16 21 33.1?	5.92	S	147.78	E	69	?	4.3		1.0	5	EASTERN NEW GUINEA REG., P.N.G.
	25	16 36 55.5?	16.39	N	99.95	W	33	N	3.6		0.9	6	NEAR COAST OF GUERRERO, MEXICO
	25	17 31 25.3%	47.288	N	5.818	E	10	G			1.1	7	FRANCE. ML 2.1 (LDG).
	25	18 17 20.0?	46.38	N	15.08	E	5	G			0.4	4	NORTHWESTERN BALKAN REGION. ML 1.9 (VIE).
	25	18 21 05.3&	59.562	N	153.038	W	98					63	SOUTHERN ALASKA. <AEIC>.
	25	18 27 23.5?	45.00	S	166.00	E	10	G			0.9	10	OFF W. COAST OF S. ISLAND, N.Z. ML 3.9 (WEL).
	25	18 41 29.6	40.265	N	25.293	E	17				0.6	19	AEGEAN SEA. ML 3.5 (ISK), 3.5 (THE). MD 3.4 (ATH).
	25	19 10 20.5?	19.17	S	177.29	E	33	N	4.3		1.2	23	SOUTH OF FIJI ISLANDS
	25	19 16 03.8	42.805	N	111.112	W	5	G			0.9	11	EASTERN IDAHO. ML 3.1 (GS).
	25	19 18 33.4	40.232	N	25.245	E	10	G			0.8	19	AEGEAN SEA. ML 3.3 (ISK), 2.9 (THE). MD 3.1 (ATH).
	25	19 29 38.7&	34.309	N	118.485	W	9					38	SOUTHERN CALIFORNIA. <PAS-P>. MD 2.7 (PAS).
a	25	20 53 03.3	14.855	N	92.981	W	60	D	5.1		1.0	157	NEAR COAST OF CHIAPAS, MEXICO. Mw 5.3 (HRV).
	25	21 24 31.1	35.322	N	2.757	W	28				0.9	31	STRAIT OF GIBRALTAR. MD 4.0 (RBA). mbLg 3.6 (MDD). Felt (III) in Melilla area.
	25	21 36 33.7	40.199	N	25.271	E	10	G			0.3	8	AEGEAN SEA. ML 3.1 (ISK), 2.8 (THE).
	25	22 12 09.3?	44.46	N	6.72	E	5	G			0.3	4	FRANCE. ML 1.7 (GEN).
	25	22 26 16.6?	37.19	N	4.35	W	10	G			0.3	4	SPAIN. mbLg 2.4 (MDD).
	25	22 29 22.4	40.242	N	25.256	E	10	G			0.4	10	AEGEAN SEA. ML 3.4 (THE), 3.1 (ISK).
	25	23 17 55.0	17.834	S	178.411	W	574		5.3		1.0	79	FIJI ISLANDS REGION
	25	23 24 33.4?	17.31	S	179.29	W	560	*	4.5		0.8	10	FIJI ISLANDS REGION
	25	23 39 44.2	9.449	N	78.272	W	10	G	4.1		0.2	5	PANAMA. ML 4.0 (UPA). Felt in the area east of Panama City.
	26	00 18 54.2?	40.76	N	27.61	E	10	G			1.0	4	TURKEY
	26	00 41 18.6	38.915	N	16.778	E	57	*	3.5		1.0	53	SOUTHERN ITALY. MD 3.9 (ROM).
	26	02 11 30.3	39.353	N	25.524	E	10	G			0.7	36	AEGEAN SEA. ML 3.6 (ISK), 3.6 (THE), 3.4 (ATH).
	26	03 02 23.7?	39.51	N	28.87	E	5	G			0.4	6	TURKEY. ML 2.6 (ISK).
	26	03 35 48.6%	40.460	N	28.182	E	10	G			0.6	7	TURKEY. ML 2.6 (ISK).
	26	03 58 11.8&	62.399	N	151.128	W	90					60	CENTRAL ALASKA. <AEIC>.
	26	04 16 37.7&	58.362	N	156.042	W	152		4.0			108	ALASKA PENINSULA. <AEIC>. Felt (II) at Naknek.
	26	04 23 53.9	40.235	N	25.310	E	10	G			0.6	20	AEGEAN SEA. ML 3.3 (ISK), 3.2 (THE). MD 3.2 (ATH).
	26	04 39 49.0?	6.74	S	148.29	E	10	G	3.9		1.0	5	NEW BRITAIN REGION, P.N.G.
	26	05 42 06.6&	58.154	N	150.627	W	34					68	GULF OF ALASKA. <AEIC>. ML 3.2 (AEIC).
	26	06 20 50.3%	36.983	N	3.992	W	10	G			0.6	8	STRAIT OF GIBRALTAR. mbLg 3.1 (MDD).
	26	07 12 14.8%	39.623	N	29.447	E	10	G			0.8	5	TURKEY. ML 2.6 (ISK).

	26	07 12 59.6%	39.114	N	27.640	E	10	G			0.9	6	TURKEY. ML 2.8 (ISK).
	26	07 26 33.8?	39.69	N	29.48	E	5	G			0.4	4	TURKEY. ML 2.6 (ISK).
	26	07 45 13.1	40.204	N	25.284	E	10	G			0.4	22	AEGEAN SEA. ML 3.7 (ATH), 3.7 (THE), 3.6 (ISK).
	26	07 47 06.9&	63.254	N	150.497	W	133					59	CENTRAL ALASKA. <AEIC>.
	26	07 52 36.4?	39.09	N	27.61	E	10	G			1.4	4	TURKEY. ML 2.7 (ISK).
	26	07 55 34.3%	40.234	N	23.591	E	5	G			0.3	6	GREECE. ML 2.1 (THE).
	26	08 25 16.5%	46.399	N	3.478	E	14				0.2	9	FRANCE. ML 2.1 (LDG).
	26	08 33 20.7%	39.096	N	27.543	E	10	G			0.8	5	TURKEY. ML 2.7 (ISK).
	26	08 41 00.1?	39.08	N	27.62	E	10	G			1.2	4	TURKEY. ML 2.7 (ISK).
	26	08 59 14.4?	39.52	N	29.58	E	10	G			1.1	5	TURKEY. ML 2.6 (ISK).
	26	09 02 35.2%	39.135	N	27.729	E	10	G			0.3	6	TURKEY. ML 2.8 (ISK).
	26	09 23 59.4?	39.58	N	29.63	E	10	G			0.6	6	TURKEY. ML 2.8 (ISK).
	26	09 41 23.2?	33.97	S	72.21	W	10	G			0.2	10	OFF COAST OF CENTRAL CHILE. MD 3.8 (SAN).
	26	10 11 37.2?	41.18	N	28.45	E	10	G			0.2	4	TURKEY. ML 2.6 (ISK).
	26	10 22 34.8	8.380	S	119.965	E	147	*	4.9		1.0	33	FLORES REGION, INDONESIA
a	26	10 38 34.4	58.363	N	164.105	E	27	D	5.6		0.9	318	KAMCHATKA. Mw 5.5 (HRV).
	26	11 02 04.3&	62.250	N	150.909	W	69					57	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
	26	11 04 24.5?	35.22	N	30.54	E	10	G			0.5	14	EASTERN MEDITERRANEAN SEA. ML 2.8 (CSS).
	26	11 19 09.7&	61.463	N	149.952	W	35					88	SOUTHERN ALASKA. <AEIC>. ML 4.1 (AEIC), 4.2 (PMR). Felt (III) at Anchorage, Eagle River, Fort Richardson and Palmer.
	26	11 36 13.3?	39.11	N	27.56	E	10	G			0.9	4	TURKEY. ML 2.7 (ISK).
	26	12 14 34.4	41.576	N	25.913	E	5	G			0.9	9	GREECE-BULGARIA BORDER REGION. ML 3.2 (THE).
	26	12 43 39.5?	47.93	N	1.73	W	10	G			0.2	4	FRANCE. ML 2.2 (LDG).
	26	13 25 45.8	38.934	N	16.879	E	10	G			0.9	18	SOUTHERN ITALY. MD 3.2 (ROM).
	26	14 08 35.2	44.209	N	7.178	E	10	G			0.3	16	NORTHERN ITALY. ML 2.5 (GEN), 2.2 (LDG).
	26	14 14 54.4	41.014	S	174.605	E	73	*			0.8	20	COOK STRAIT, NEW ZEALAND
	26	14 49 39.3*	25.318	S	84.036	E	10	G	4.9	4.9	1.0	17	SOUTH INDIAN OCEAN
	26	15 10 47.4*	8.522	S	118.244	E	33	N	5.1		1.0	12	SUMBAWA REGION, INDONESIA
	26	15 13 31.9&	34.354	N	118.695	W	11					29	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 2.9 (GS).
	26	15 18 01.3?	39.14	N	27.45	E	10	G			0.8	4	TURKEY. ML 2.7 (ISK).
	26	15 22 24.8*	39.506	N	55.155	E	33	N	4.3		1.3	14	TURKMENISTAN
	26	15 40 12.1	36.677	N	28.384	E	93	*			0.7	34	DODECANESE ISLANDS. MD 4.0 (ATH).
	26	16 41 23.7	40.823	N	27.749	E	10	G			0.8	19	TURKEY. ML 3.3 (ISK).
	26	16 48 39.4%	40.791	N	27.781	E	10	G			1.2	6	TURKEY. ML 2.6 (ISK).
	26	17 32 06.3?	32.34	S	70.97	W	70	G			0.4	10	CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
	26	18 22 51.9?	42.71	N	7.69	W	10	G			0.1	4	SPAIN. mbLg 3.0 (MDD).
	26	18 34 51.7	43.016	N	0.399	W	5	G			1.3	10	PYRENEES. ML 2.4 (LDG).
	26	18 55 16.6*	2.670	N	123.216	E	459	*	4.3		1.3	15	CELEBES SEA
	26	19 37 28.4*	41.135	N	20.196	E	5	G			1.4	7	ALBANIA. ML 2.7 (THE).
	26	20 05 01.2?	29.42	N	35.31	E	10	G			0.9	5	WESTERN ARABIAN PENINSULA
	26	20 12 30.8	39.056	S	174.813	E	262		4.0		0.7	51	NORTH ISLAND, NEW ZEALAND
	26	20 23 34.8&	34.291	N	116.769	W	5					39	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS).
	26	20 41 01.2	44.897	N	110.888	W	5	G	3.0		0.9	18	YELLOWSTONE REGION, WYOMING. ML 3.8 (GS). Felt (III) at Madison Junction, Mammoth Hot Springs and Old Faithful; (II) at Canyon Village. Also felt (II) at Gardiner, Montana.
	26	21 33 35.2?	28.91	N	66.15	W	10	G	4.7		1.3	23	NORTH ATLANTIC OCEAN
	26	21 41 36.0	44.902	N	15.146	E	10	G			1.0	18	NORTHWESTERN BALKAN REGION. ML 2.7 (LJU). MD 2.9 (TRI).
	26	21 43 35.0%	43.055	N	0.367	W	10	G			0.1	5	PYRENEES. ML 1.0 (STR).
	26	21 43 51.2%	43.068	N	0.385	W	5	G			0.1	6	PYRENEES. ML 1.0 (STR).
	26	21 51 01.2	33.437	N	141.289	E	38	*	5.4		0.7	29	OFF EAST COAST OF HONSHU, JAPAN
	26	22 15 27.0*	36.542	N	27.893	E	10	G			0.7	7	DODECANESE ISLANDS. ML 3.6 (ISK). MD 3.8 (ATH).
	26	22 48 33.1?	22.46	S	68.92	W	103	?	4.6		1.5	12	NORTHERN CHILE
a	27	00 29 40.8	40.791	S	44.531	E	10	G	5.1	4.7	1.0	37	SOUTHWEST INDIAN RIDGE. Mw 5.4 (HRV).
	27	01 25 32.8%	44.430	N	7.304	E	10	G			0.2	5	NORTHERN ITALY. ML 2.0 (GEN).
	27	02 00 21.5?	61.16	N	3.12	E	10	G			0.8	9	NORWEGIAN SEA. MD 2.5 (BER).
	27	03 19 45.1?	38.10	N	27.47	E	10	G			1.0	6	TURKEY. ML 3.0 (ISK).
	27	03 25 24.7?	5.66	S	147.31	E	149	?	4.5		1.2	5	EASTERN NEW GUINEA REG., P.N.G.
	27	04 46 23.8	40.765	N	27.983	E	10	G			0.9	17	TURKEY. ML 3.5 (ISK).
	27	04 46 28.4*	38.179	S	176.022	E	214	*			0.4	19	NORTH ISLAND, NEW ZEALAND
	27	05 34 14.1%	40.830	N	27.837	E	10	G			0.3	5	TURKEY. ML 2.7 (ISK).
	27	05 42 39.6&	31.698	N	115.943	W	19					26	BAJA CALIFORNIA, MEXICO. <ECX-P>. MD 3.3 (ECX). ML 3.3 (GS).
	27	06 17 34.5*	39.634	N	23.427	E	5	G			1.0	9	AEGEAN SEA. ML 2.6 (THE).
	27	06 41 41.6?	32.65	S	71.81	W	23				0.5	11	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
	27	06 53 58.7?	39.02	N	27.75	E	10	G			0.3	4	TURKEY. ML 2.7 (ISK).
	27	07 01 37.0?	39.16	N	27.43	E	10	G			0.2	4	TURKEY. ML 2.7 (ISK).
a	27	07 20 19.4	16.559	S	172.704	W	33	N	5.1	5.3	1.2	93	SAMOA ISLANDS REGION. Mw 5.5 (HRV). Mo=6.6*10**17 Nm (PPT).
	27	07 28 37.0%	39.120	N	27.545	E	10	G			0.6	5	TURKEY. ML 2.8 (ISK).
	27	08 55 03.0%	39.076	N	27.651	E	10	G			0.7	5	TURKEY. ML 2.6 (ISK).
	27	09 09 22.7*	22.176	S	178.777	W	420	G	4.3		0.8	22	SOUTH OF FIJI ISLANDS
	27	10 25 34.9?	37.44	N	95.77	E	33	N	3.7		1.4	7	QINGHAI, CHINA
	27	10 39 20.3?	7.27	N	124.15	E	33	N	4.0		1.2	6	MINDANAO, PHILIPPINE ISLANDS
	27	10 47 36.7*	18.128	S	178.573	W	588	*	4.7		1.0	33	FIJI ISLANDS REGION
	27	11 12 04.8*	20.526	S	68.300	W	158	*	4.4		1.2	19	CHILE-BOLIVIA BORDER REGION
	27	11 12 54.2%	39.860	N	27.624	E	10	G			0.4	5	TURKEY. ML 2.8 (ISK).
	27	11 19 43.5?	40.67	N	29.74	E	10	G			0.6	4	TURKEY. ML 2.4 (ISK).
a	27	11 20 40.9	17.800	S	178.188	W	580	*	5.1		1.0	77	FIJI ISLANDS REGION. Mw 5.2 (HRV).
	27	11 48 55.5?	40.04	N	28.88	E	10	G			0.8	4	TURKEY. ML 2.6 (ISK).
	27	12 30 35.9*	0.301	S	16.187	W	10	G	4.8		1.0	37	NORTH OF ASCENSION ISLAND
	27	12 42 47.7?	40.46	N	27.98	E	10	G			1.0	4	TURKEY. ML 2.5 (ISK).
	27	13 25 38.1	41.100	S	174.858	E	52	*			1.1	20	COOK STRAIT, NEW ZEALAND
a	27	13 45 12.2	10.326	S	161.153	E	54		5.4	5.2	0.8	184	SOLOMON ISLANDS. Mw 5.4 (HRV).
	27	13 48 02.1	38.060	N	21.749	E	10	G			0.9	4	GREECE. ML 3.3 (ATH).
	27	13 51 39.9%	39.658	N	29.422	E	10	G			0.4	5	TURKEY. ML 2.7 (ISK).
	27	14 03 33.7	38.426	S	176.199	E	154	*			0.9	29	NORTH ISLAND, NEW ZEALAND
	27	14 30 57.1?	33.32	S	72.07	W	33	N			0.8	10	OFF COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	27	14 31 06.9	24.541	N	96.025	E	33	N	4.6		1.2	35	MYANMAR
	27	15 17 00.1%	44.357	N	7.026	E	10	G			0.4	6	NORTHERN ITALY. ML 2.0 (LDG).
	27	15 52 11.0?	1.31	N	99.44	E	203	?	3.0		1.4	7	NORTHERN SUMATERA, INDONESIA
	27	16 05 19.5?	38.67	N	29.55	E	10	G			0.9	4	TURKEY. ML 2.8 (ISK).

	27	16	33	17.6%	39.995	N	20.529	E	5	G		1.2	5	GREECE-ALBANIA BORDER REGION. ML 2.4 (THE).
a	27	17	20	53.1*	35.221	S	78.600	E	10	G	4.9 4.9	1.2	21	MID-INDIAN RIDGE. Mw 5.3 (HRV).
	27	18	31	10.0*	2.733	N	124.814	E	33	N	4.6	1.2	6	CELEBES SEA
	27	19	46	07.4?	15.30	S	167.40	E	74	?	4.7	1.0	27	VANUATU ISLANDS
	27	20	23	17.3*	50.013	N	7.326	E	10	G		1.3	5	GERMANY. ML 2.5 (LDG).
	27	20	26	04.6	43.409	N	5.480	E	5	G		0.7	15	NEAR SOUTH COAST OF FRANCE. ML 2.8 (STR).
	27	20	49	08.8	43.074	N	0.339	W	10	G		0.1	7	PYRENEES. MD 2.1 (BTH).
	27	21	12	22.3%	40.229	N	29.308	E	5	G		0.5	11	TURKEY. ML 3.0 (ISK).
	27	21	14	54.4?	40.35	N	29.57	E	10	G		0.3	4	TURKEY. ML 2.8 (ISK).
	27	21	50	49.9?	15.46	S	166.98	E	271	?	3.8	1.3	30	VANUATU ISLANDS
	27	22	38	35.2*	26.925	S	113.113	W	10	G	5.0 4.8	1.1	25	EASTER ISLAND REGION
	28	00	01	39.4?	39.61	N	28.83	E	10	G		0.2	4	TURKEY. ML 2.5 (ISK).
	28	00	13	53.6*	46.223	N	15.730	E	5	G		1.4	5	NORTHWESTERN BALKAN REGION. Felt at Podcetrtek, Slovenia.
	28	00	41	32.5	46.174	N	15.574	E	10	G		0.7	7	NORTHWESTERN BALKAN REGION. MD 2.4 (LJU). Felt (V) at Sodna Vas, Slovenia.
	28	01	08	19.3	14.316	N	92.759	W	56		4.6 4.3	1.0	82	NEAR COAST OF CHIAPAS, MEXICO
	28	01	27	43.7?	34.82	S	179.69	E	210	?	4.2	1.6	22	SOUTH OF KERMADEC ISLANDS
	28	01	55	39.5*	45.292	N	14.465	E	10	G		1.3	6	NORTHWESTERN BALKAN REGION. MD 2.3 (TRI).
	28	01	56	34.7?	5.94	S	153.43	E	59	?	4.1	1.2	9	NEW IRELAND REGION, P.N.G.
	28	04	35	04.4?	38.60	N	27.46	E	5	G		0.5	5	TURKEY. ML 2.7 (ISK).
	28	05	19	16.2&	59.934	N	153.421	W	133				51	SOUTHERN ALASKA. <AEIC>.
	28	05	34	44.9?	38.26	S	175.92	E	214	?		0.4	16	NORTH ISLAND, NEW ZEALAND
	28	05	45	19.3?	38.36	N	26.70	E	10	G		0.5	4	AEGEAN SEA. MD 3.3 (ATH).
	28	05	56	49.3	44.472	S	168.293	E	20			0.5	21	SOUTH ISLAND, NEW ZEALAND
	28	06	06	55.4	35.642	N	27.291	E	112		4.0	1.0	59	DODECANESE ISLANDS. MD 4.1 (ATH).
	28	06	08	32.9?	5.24	S	82.80	W	33	N		1.2	7	OFF COAST OF NORTHERN PERU
	28	06	18	38.3&	33.350	N	116.358	W	12				29	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.3 (GS).
	28	07	11	02.0%	39.115	N	27.565	E	10	G		0.3	5	TURKEY. ML 2.7 (ISK).
	28	08	01	33.5*	34.539	S	70.853	W	87	*		0.5	15	CHILE-ARGENTINA BORDER REGION. MD 4.4 (SAN).
	28	08	11	14.6	22.880	N	120.697	E	33	N	4.9	0.9	70	TAIWAN
	28	08	25	37.0?	5.41	S	145.54	E	101	?	3.5	0.4	5	EASTERN NEW GUINEA REG., P.N.G.
	28	08	35	33.5%	39.274	N	27.693	E	10	G		0.5	6	TURKEY. ML 2.8 (ISK).
	28	08	50	17.9%	39.111	N	27.637	E	10	G		0.6	5	TURKEY. ML 2.7 (ISK).
	28	09	19	06.9&	61.285	N	151.236	W	58				60	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC), 2.7 (PMR).
	28	09	58	29.1*	44.215	N	15.846	E	5	G		0.8	6	NORTHWESTERN BALKAN REGION. MD 2.6 (TRI). ML 2.1 (LJU).
	28	11	04	58.6*	6.090	S	153.439	E	33	N	3.8	1.3	6	NEW BRITAIN REGION, P.N.G.
	28	11	29	02.7*	5.971	S	147.453	E	108		4.7	0.8	15	EASTERN NEW GUINEA REG., P.N.G.
	28	11	53	13.1%	34.046	S	71.213	W	55	?		0.1	10	NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	28	15	43	59.3*	10.644	N	91.595	E	33	N	4.5	0.8	6	ANDAMAN ISLANDS, INDIA
	28	16	28	23.0&	48.990	N	65.740	W	18	G			9	GASPE PENINSULA, CANADA. <OTT-P>. mbLg 3.6 (OTT). Felt at Murdochville, Quebec.
	28	16	45	05.2?	50.21	N	9.53	E	10	G		0.4	4	GERMANY
	28	16	59	00.5	40.395	N	29.975	E	20		4.0	1.0	40	TURKEY. ML 3.9 (ISK). MD 4.1 (ATH).
	28	17	02	01.1%	40.417	N	30.024	E	10	G		0.8	7	TURKEY. ML 3.1 (ISK).
	28	17	31	55.7*	7.289	S	106.163	E	77	?	4.7	1.2	20	JAWA, INDONESIA
	28	18	03	42.1*	35.893	N	28.304	E	33	N	3.0	0.6	6	EASTERN MEDITERRANEAN SEA
	28	18	58	54.1?	18.92	N	64.74	W	10	G		0.4	6	VIRGIN ISLANDS
	28	19	01	32.0?	45.53	N	26.56	E	130	G		1.3	5	ROMANIA
	28	19	03	52.2%	43.068	N	0.689	W	5	G		0.2	6	PYRENEES. ML 1.0 (STR).
	28	19	04	04.8	42.810	N	110.969	W	5	G		0.8	14	WYOMING. ML 3.2 (GS).
	28	19	13	44.1?	42.13	N	24.35	E	10	G		0.8	5	BULGARIA. ML 3.0 (THE).
	28	19	27	31.5	6.806	N	73.058	W	157		4.7	1.0	75	NORTHERN COLOMBIA. Felt at Bucaramanga and Cucuta. Also felt at San Antonio del Tachira, Venezuela.
	28	21	38	57.6?	39.54	N	26.10	E	10	G		0.3	4	TURKEY. ML 2.9 (ISK).
	28	22	52	46.6%	39.527	N	28.207	E	10	G		0.2	5	TURKEY. ML 2.7 (ISK).
	28	23	02	42.3?	51.02	N	15.63	E	10	G		0.1	5	POLAND
	28	23	08	15.5&	42.275	N	121.916	W	3				10	OREGON. <SEA-P>. MD 2.7 (SEA).
	28	23	28	01.5	33.575	S	70.963	W	68	?		0.3	10	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	28	23	35	16.5*	37.170	S	176.652	E	287	?		0.5	21	NORTH ISLAND, NEW ZEALAND
	28	23	58	19.4?	44.39	N	7.32	E	10	G		0.1	4	NORTHERN ITALY. ML 1.5 (GEN).
	29	00	25	59.2*	30.612	N	79.502	E	33	N	4.1	0.8	7	XIZANG-INDIA BORDER REGION. MD 3.8 (NDI).
	29	00	43	22.0?	36.71	S	177.17	E	285	?		0.4	12	OFF E. COAST OF N. ISLAND, N.Z.
	29	03	59	46.9?	43.88	N	16.70	E	10	G		1.5	6	NORTHWESTERN BALKAN REGION. MD 2.7 (TRI).
	29	04	11	34.3%	41.120	N	23.762	E	5	G		0.7	7	GREECE-BULGARIA BORDER REGION. ML 2.9 (THE).
	29	06	54	21.8	26.687	N	96.508	E	94	*	4.5	0.8	30	MYANMAR
	29	07	27	24.7&	31.828	N	116.099	W	20				21	BAJA CALIFORNIA, MEXICO. <ECX-P>. MD 2.9 (ECX).
	29	07	45	14.0%	39.112	N	27.645	E	10	G		1.3	5	TURKEY. ML 2.7 (ISK).
	29	07	45	16.2*	51.105	N	15.928	E	10	G		0.8	6	POLAND
a	29	07	56	53.9	29.096	N	51.256	E	33	N	5.4	1.0	242	SOUTHERN IRAN. Mw 5.1 (HRV). Felt in the Borazjan-Bushehr area.
	29	08	27	33.9%	44.457	N	7.273	E	10	G		0.2	5	NORTHERN ITALY. ML 1.8 (GEN).
	29	09	36	11.7*	14.186	N	91.650	W	33	N	4.5	1.1	49	GUATEMALA
	29	09	37	04.2	3.142	N	126.806	E	46	*	4.8	0.7	19	TALAUD ISLANDS, INDONESIA
	29	10	27	35.9?	46.48	N	1.31	W	10	G		0.5	4	FRANCE. ML 2.6 (LDG).
	29	11	20	41.5*	30.695	N	70.385	E	33	N	4.6	0.8	19	PAKISTAN
	29	11	26	12.6%	40.440	N	21.825	E	10	G		1.5	6	GREECE. ML 2.0 (THE).
	29	11	39	03.6?	37.48	N	30.42	E	10	G		0.7	4	TURKEY. ML 3.2 (ISK).
	29	11	55	51.5*	5.893	S	148.811	E	111	*	4.8	1.2	13	NEW BRITAIN REGION, P.N.G.
	29	11	58	21.8?	0.66	N	79.78	W	10	G		1.6	5	NEAR COAST OF ECUADOR. MD 4.3 (QUI).
	29	12	12	13.3%	0.507	N	79.729	W	10	G		0.8	6	NEAR COAST OF ECUADOR
	29	12	19	31.2&	34.939	N	119.000	W	12				27	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS).
	29	14	07	54.0?	47.26	N	11.29	E	10	G		0.2	4	AUSTRIA. ML 0.7 (VIE).
	29	14	27	59.9?	39.71	N	29.46	E	10	G		1.0	4	TURKEY. ML 2.6 (ISK).
	29	14	29	01.0	36.559	N	2.816	W	10	G		1.3	23	STRAIT OF GIBRALTAR. mbLg 3.5 (MDD). Felt (IV) in the Adra area, Spain.
	29	14	31	32.1%	43.423	N	5.436	E	10	G		0.5	7	NEAR SOUTH COAST OF FRANCE. ML 2.6 (STR).
	29	15	15	14.6&	63.132	N	150.536	W	124				53	CENTRAL ALASKA. <AEIC>.
	29	15	30	59.8%	66.903	N	21.815	E	10	G		1.4	5	SWEDEN. MD 3.0 (BER).
	29	16	26	18.1	38.702	N	21.361	E	5	G		0.8	9	GREECE. MD 2.9 (ATH). ML 2.5 (THE).
	29	17	21	17.3*	7.170	S	118.228	E	33	N	4.6	1.5	8	FLORES SEA
	29	18	02	41.7%	38.674	N	27.392	E	10	G		1.0	5	TURKEY. ML 2.8 (ISK).
	29	18	30	59.5*	11.513	S	118.121	E	33	N	4.6	1.3	7	SOUTH OF SUMBAWA, INDONESIA

	29	18	32	59.0?	20.28	S	168.95	E	21 *	4.6		1.1	11	LOYALTY ISLANDS
	29	19	07	22.6*	12.433	N	144.819	E	33 N	4.7		0.4	9	SOUTH OF MARIANA ISLANDS
	29	20	32	33.1?	44.35	N	15.39	E	10 G			0.7	4	NORTHWESTERN BALKAN REGION
	29	22	04	20.3	36.696	N	3.303	W	10 G			0.9	24	STRAIT OF GIBRALTAR. mbLg 3.6 (MDD). MD 3.5 (RBA). Felt (IV) in the Castell de Ferro area, Spain.
	29	22	05	35.2?	14.09	N	90.48	W	33 N	4.2		1.1	16	GUATEMALA
	29	22	26	43.4	44.345	N	7.297	E	11			0.5	21	NORTHERN ITALY. ML 2.4 (GEN), 2.4 (LDG).
	29	22	59	21.1*	0.487	N	30.166	E	10 G	4.5		0.5	20	UGANDA
	29	23	01	30.0%	44.332	N	7.488	E	10 G			0.2	7	NORTHERN ITALY. ML 2.1 (GEN).
	30	00	25	51.8%	38.998	N	27.787	E	5 G			0.5	5	TURKEY. ML 2.8 (ISK).
	30	00	32	13.3*	0.953	N	77.461	W	10 G			1.4	8	COLOMBIA-ECUADOR BORDER REGION. Felt at Pasto, Colombia.
	30	01	28	52.7*	38.757	N	26.531	E	10 G			0.7	6	AEGEAN SEA. ML 3.0 (ISK).
	30	02	23	51.5?	45.07	S	166.19	E	10 G			0.5	13	OFF W. COAST OF S. ISLAND, N.Z. ML 3.8 (WEL).
	30	03	54	36.9?	28.84	N	34.76	E	10 G			0.9	4	EGYPT
	30	04	50	22.6%	47.288	N	5.394	E	10 G			0.4	7	FRANCE. ML 1.7 (LDG).
	30	05	00	57.2?	40.74	N	2.65	E	10 G			0.1	4	BALEARIC ISLANDS. mbLg 2.8 (MDD). ML 2.5 (LDG).
	30	05	30	51.6?	7.82	S	123.17	E	229 ?	4.6		0.2	5	BANDA SEA
	30	05	56	22.4%	44.546	N	7.296	E	10 G			0.4	9	NORTHERN ITALY. ML 2.3 (GEN).
	30	06	06	38.5	3.899	N	126.532	E	79 *	4.9		0.9	30	TALAUD ISLANDS, INDONESIA
	30	06	54	12.2%	44.930	N	7.524	E	34 *			0.3	11	NORTHERN ITALY. ML 2.3 (GEN).
	30	06	59	59.0?	39.23	N	27.54	E	5 G			0.1	4	TURKEY. ML 2.7 (ISK).
	30	07	25	51.2*	58.365	N	142.846	W	10 G			0.8	24	GULF OF ALASKA. ML 2.5 (AEIC).
	30	07	44	55.6&	60.450	N	151.772	W	61	2.7			76	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.1 (AEIC).
	30	08	27	12.8	38.472	N	27.886	E	10 G			0.8	10	TURKEY. ML 3.5 (ISK).
	30	09	04	49.7	42.786	N	111.096	W	5 G			0.8	10	EASTERN IDAHO. ML 2.6 (GS).
	30	09	56	35.1	12.734	N	124.857	E	71	4.8		0.9	32	SAMAR, PHILIPPINE ISLANDS
	30	10	22	00.3?	19.68	S	168.10	E	88 ?	4.2		0.9	15	VANUATU ISLANDS
	30	10	24	20.0*	33.260	S	70.764	W	74 ?			0.3	10	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	30	10	31	25.2%	39.084	N	27.975	E	10 G			0.5	5	TURKEY. ML 2.9 (ISK).
	30	12	00	35.7?	38.01	N	27.34	E	10 G			0.3	4	TURKEY. ML 2.9 (ISK).
	30	12	12	00.6&	59.887	N	153.051	W	108	4.8			183	SOUTHERN ALASKA. <AEIC>. Felt (IV) at Homer; (III) at Cooper Landing and Port Graham; (II) at Anchorage, Big Lake and Palmer.
f	30	13	29	11.3	9.003	N	126.254	E	40 G	5.9 5.3		1.0	302	MINDANAO, PHILIPPINE ISLANDS. Mw 5.9 (GS), 5.7 (HRV). Felt (III RF) at Bislig and Cagayan de Oro. Depth from broadband displacement seismograms.
	30	15	06	17.8?	39.67	N	29.46	E	10 G			0.4	4	TURKEY. ML 2.6 (ISK).
	30	15	15	48.2?	40.03	N	21.42	E	10 G			0.6	4	GREECE. ML 2.3 (THE).
	30	15	44	17.9?	28.83	N	34.74	E	10 G			0.8	4	EGYPT
	30	16	39	24.3	36.254	N	72.973	E	33 N	4.1		1.2	7	AFGHANISTAN-TAJIKISTAN BORD REG.
	30	17	42	45.6&	66.465	N	148.030	W	19	4.6			133	NORTHERN ALASKA. <AEIC>. ML 5.0 (AEIC), 5.1 (PMR). Felt (IV) at Beaver. Also felt at Fort Yukon and in the Fairbanks-Fort Wainwright area.
	30	18	31	04.4?	3.05	S	81.80	W	33 N			0.7	6	NEAR COAST OF NORTHERN PERU
	30	19	08	43.7*	16.760	S	167.167	E	10 G	4.5		1.2	13	VANUATU ISLANDS
	30	19	25	33.1%	40.145	N	23.991	E	5 G			0.6	6	GREECE. ML 2.6 (THE).
	30	19	46	35.3%	39.311	N	26.192	E	10 G			0.4	5	TURKEY. ML 3.1 (ISK).
a	30	19	55	46.0	28.994	N	52.745	E	54 D	5.5		1.2	291	SOUTHERN IRAN. Mw 5.4 (HRV). At least thirty people were injured in the Firuzabad area. Felt in the Shiraz area.
	30	21	23	34.9	49.157	N	6.843	E	10 G			0.8	20	GERMANY. ML 2.9 (STR).
	30	22	13	00.5	43.227	N	17.626	E	10 G			0.8	21	NORTHWESTERN BALKAN REGION. ML 3.2 (VIE), 3.1 (ROM).
	30	22	30	39.0?	21.32	S	66.63	W	233 ?	4.3		0.7	9	SOUTHERN BOLIVIA
	30	23	26	43.1%	37.021	N	2.519	W	10 G			0.9	10	SPAIN. mbLg 3.2 (MDD).
	30	23	47	42.3	44.568	N	7.340	E	10			0.7	15	NORTHERN ITALY. ML 2.3 (GEN), 2.1 (LDG).
	30	23	47	44.7*	36.401	N	9.903	W	10 G			0.9	14	WEST OF GIBRALTAR. mbLg 3.3 (MDD).
	30	23	52	41.9%	39.036	N	27.954	E	10 G			0.7	8	TURKEY. ML 3.1 (ISK).
	31	00	37	48.8	47.214	N	10.244	E	10 G			0.9	41	AUSTRIA. ML 3.4 (LDG), 3.2 (VIE), 3.1 (FUR). Felt (IV) in the Arlberg Mountain area.
	31	00	58	13.1*	28.822	N	34.882	E	10 G			0.7	5	EGYPT
	31	01	09	19.6*	39.225	N	21.235	E	10 G			0.6	8	GREECE. ML 2.7 (THE).
	31	04	48	02.6*	12.233	S	76.875	W	10 G			0.5	5	NEAR COAST OF PERU. Felt (II) at Lima.
	31	06	13	16.3*	60.704	S	52.027	W	10 G	4.9		1.0	16	SOUTH SHETLAND ISLANDS
	31	06	43	22.0%	44.556	N	7.280	E	10 G			0.2	7	NORTHERN ITALY. ML 2.1 (GEN).
	31	07	31	30.3?	30.23	N	143.35	E	33 N	4.3		1.4	6	SOUTH OF HONSHU, JAPAN
	31	08	12	56.0	1.879	N	126.712	E	59 *	4.8		1.3	24	NORTHERN MOLUCCA SEA
	31	08	25	00.2?	18.87	N	104.22	W	101 ?			1.1	7	NEAR COAST OF JALISCO, MEXICO
	31	08	34	38.2*	25.569	S	68.924	W	86 *	3.8		0.7	7	CHILE-ARGENTINA BORDER REGION
	31	08	56	21.9?	40.05	N	29.62	E	10 G			0.2	5	TURKEY. ML 2.7 (ISK).
	31	09	08	22.1%	39.118	N	27.553	E	10 G			0.4	5	TURKEY. ML 2.7 (ISK).
	31	09	28	46.7?	5.45	N	94.67	E	33 N	4.6		1.1	5	NORTHERN SUMATERA, INDONESIA
	31	09	41	42.0	47.251	N	10.153	E	14			1.2	141	AUSTRIA. ML 4.7 (LDG), 4.6 (GRF), 4.5 (CLL), 4.3 (BNS), 4.3 (BRA), 4.2 (FUR), 4.1 (VIE). MD 4.2 (TRI). Felt (VI) in the Arlberg Mountain area.
	31	10	52	46.8%	39.544	N	29.930	E	10 G			0.6	5	TURKEY. ML 2.7 (ISK).
	31	11	25	54.3*	15.645	S	175.071	W	33 N	4.5		1.0	27	TONGA ISLANDS
	31	11	39	20.3%	39.147	N	27.602	E	10 G			0.2	5	TURKEY. ML 2.7 (ISK).
	31	11	50	46.0%	39.228	N	27.750	E	10 G			0.6	5	TURKEY. ML 2.8 (ISK).
	31	11	53	12.4	38.288	S	177.026	E	83	5.2		1.1	50	NORTH ISLAND, NEW ZEALAND. Felt (V) at Opotiki. Felt throughout much of North Island.
	31	12	00	44.5%	44.963	N	6.680	E	10 G			0.6	5	FRANCE. ML 1.9 (GEN).
	31	12	27	16.6?	39.68	N	29.50	E	10 G			0.4	4	TURKEY. ML 2.6 (ISK).
	31	12	48	43.3?	45.42	N	6.81	E	10 G			0.8	5	FRANCE. ML 1.8 (GEN).
	31	13	06	36.7?	46.09	N	14.62	E	10 G			0.3	4	NORTHWESTERN BALKAN REGION. MD 2.3 (LJU).
	31	13	26	05.5?	39.57	N	29.47	E	10 G			0.4	4	TURKEY. ML 2.6 (ISK).
	31	14	06	21.7%	39.681	N	29.493	E	10 G			0.5	5	TURKEY. ML 2.7 (ISK).
	31	14	15	52.3?	44.82	N	8.74	E	10 G			0.2	4	NORTHERN ITALY. ML 2.0 (GEN).
	31	14	38	21.2?	28.82	N	34.79	E	10 G			0.9	4	EGYPT
	31	15	04	36.3?	45.57	N	14.02	E	10 G			0.7	4	NORTHWESTERN BALKAN REGION. MD 2.5 (LJU), 2.1 (TRI).
	31	15	32	37.0%	40.190	N	29.213	E	10 G			1.0	5	TURKEY. ML 2.5 (ISK).
	31	15	43	39.0*	5.624	S	145.820	E	10 G	3.7		1.2	8	EASTERN NEW GUINEA REG., P.N.G.
	31	15	48	50.3&	34.051	N	118.121	W	11				35	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS). Felt at

													Pasadena.
	31	17	09	33.5&	57.871	N	156.203	W	125			72	ALASKA PENINSULA. <AEIC>.
	31	17	23	29.5%	40.051	N	28.743	E	5	G	0.5	9	TURKEY. ML 3.0 (ISK).
	31	17	45	46.8%	40.040	N	28.746	E	5	G	0.6	8	TURKEY. ML 2.9 (ISK).
	31	18	04	30.9?	45.05	S	166.47	E	33	N	1.1	14	OFF W. COAST OF S. ISLAND, N.Z. ML 4.2 (WEL).
	31	18	08	21.5	10.619	S	73.405	W	128	D 4.9	1.1	66	CENTRAL PERU
	31	18	56	14.1?	41.32	N	23.44	E	5	G	0.1	4	GREECE-BULGARIA BORDER REGION. ML 2.3 (THE).
	31	19	18	52.1?	38.95	N	27.90	E	10	G	0.7	4	TURKEY. ML 2.7 (ISK).
	31	19	57	33.7%	38.953	N	27.847	E	5	G	0.6	8	TURKEY. ML 2.9 (ISK).
	31	19	59	59.7&	36.181	N	120.301	W	11	3.6		118	CENTRAL CALIFORNIA. <GM-P>. MD 4.3 (GM). ML 4.4 (PAS), 4.3 (BRK). Felt (V) at Coalinga and Lemoore; (IV) at Avenal, Cantua Creek and Stratford; (III) at Five Points, Helm, Kettleman City and Shandon. Also felt at Fresno.
	31	20	02	29.6&	36.172	N	120.288	W	9			93	CENTRAL CALIFORNIA. <GM-P>. MD 4.2 (GM). ML 4.2 (BRK), 4.2 (PAS). Felt (V) at Coalinga and (IV) at Stratford. Also felt at Fresno.
	31	20	32	27.8%	44.549	N	7.365	E	5	G	0.5	5	NORTHERN ITALY. ML 1.8 (GEN).
	31	21	30	52.3	37.195	N	21.854	E	5	G	0.9	14	SOUTHERN GREECE. ML 3.5 (ATH).
	31	21	48	41.9?	18.83	N	66.29	W	10	G	0.8	5	PUERTO RICO REGION
	31	21	59	02.7?	15.92	N	98.69	W	17	* 3.9	1.0	9	OFF COAST OF GUERRERO, MEXICO
f	31	22	40	52.1	22.057	S	179.533	W	580	G 6.1	0.9	491	SOUTH OF FIJI ISLANDS. Mw 6.5 (GS), 6.5 (HRV). Mo=1.1*10**19 Nm (PPT). Depth from broadband displacement seismograms.
	31	22	53	33.9	44.555	N	7.425	E	16	3.4	0.8	47	NORTHERN ITALY. ML 3.5 (GEN), 3.3 (LDG).
	31	22	54	19.9	38.969	N	27.895	E	10	G	0.6	14	TURKEY. MD 3.6 (ATH). ML 3.5 (ISK).
	31	22	57	53.0%	38.933	N	27.886	E	10	G	1.5	5	TURKEY. ML 2.7 (ISK).
	31	23	39	24.1?	38.98	N	27.80	E	10	G	0.4	4	TURKEY. ML 2.7 (ISK).

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 03 49 00.83 29.096N 52.617E 13km
5.8mb (130 obs.) 6.0Msz (50 obs.)
SOUTHERN IRAN
RADIATED ENERGY
No. of sta: 7 Focal mech. M
Energy 5.3±1.8*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 19 No. of sta: 9
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	1.12	1	95
N	-0.17	89	322
P	-0.95	1	185

Best Double Couple:Mo=1.0*10**18
NP1:Strike=230 Dip=89 Slip= 0
NP2: 320 90 -179
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 49S,112C
Centroid Location:
Origin Time 03:49: 4.9 0.2
Lat 28.75N 0.02 Lon 52.42E 0.02
Dep 17.0 FIX Half-duration 2.8
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	1.52	1	91
N	-0.30	84	190
P	-1.22	6	1

Best Double Couple:Mo=1.4*10**18
NP1:Strike=136 Dip=85 Slip=-176
NP2: 46 86 -5

02 03 38 03.89 19.803N 72.799W 59km
5.2mb (87 obs.) 5.0Msz (21 obs.)
HAITI REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 25S, 35C
Centroid Location:
Origin Time 03:38: 4.6 0.4
Lat 19.95N 0.05 Lon 72.67W 0.04
Dep 34.0 4.6 Half-duration 1.2
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.87	24	331
N	-0.50	65	171
P	-1.37	7	65

Best Double Couple:Mo=1.6*10**17
NP1:Strike=110 Dip=68 Slip= 12
NP2: 16 79 157

02 19 17 15.30 19.851S 175.043W 158km
5.2mb (42 obs.)
TONGA ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 42S, 65C
Centroid Location:
Origin Time 19:17:14.6 0.3
Lat 19.55S 0.03 Lon 174.49W 0.03
Dep 112.3 1.4 Half-duration 1.1
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.09	4	167
N	0.28	25	75
P	-1.37	65	264

Best Double Couple:Mo=1.2*10**17
NP1:Strike=281 Dip=47 Slip= -55
NP2: 55 53 -121

03 05 51 49.75 0.419N 125.973E 37km
5.1mb (23 obs.) 4.7Msz (4 obs.)
NORTHERN MOLUCCA SEA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 24S, 41C
Centroid Location:
Origin Time 05:51:55.9 0.4
Lat 0.92N 0.04 Lon 126.36E 0.05
Dep 44.3 3.5 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	9.91	62	75
N	0.05	25	224
P	-9.96	13	320

Best Double Couple:Mo=9.9*10**16
NP1:Strike= 79 Dip=39 Slip= 132
NP2: 210 62 62

04 21 42 29.73 14.918S 166.786E 29km
5.4mb (30 obs.) 5.1Msz (31 obs.)
VANUATU ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 39S, 54C
Centroid Location:
Origin Time 21:42:33.6 0.3
Lat 14.93S 0.04 Lon 166.60E 0.03
Dep 17.0 BDY Half-duration 1.4
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.55	74	325
N	-0.17	15	169
P	-1.38	6	77

Best Double Couple:Mo=1.5*10**17
NP1:Strike=151 Dip=41 Slip= 67
NP2: 0 53 109

05 04 03 52.58 36.579N 68.659E 27km
5.1mb (78 obs.) 4.4Msz (4 obs.)
HINDU KUSH REGION, AFGHANISTAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 16S, 21C
Centroid Location:
Origin Time 04:03:54.5 0.8
Lat 36.61N 0.10 Lon 68.33E 0.10
Dep 33.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	5.64	73	221
N	-0.47	3	322
P	-5.17	17	53

Best Double Couple:Mo=5.4*10**16
NP1:Strike=148 Dip=28 Slip= 97
NP2: 320 62 86

06 08 01 43.06 21.556S 113.701W 10km
5.6mb (40 obs.) 5.7Msz (29 obs.)
SOUTHERN EAST PACIFIC RISE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 50S, 98C
Centroid Location:
Origin Time 08:01:51.6 0.2
Lat 21.84S 0.02 Lon 113.73W 0.02
Dep 15.0 BDY Half-duration 2.0
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	6.54	8	272
N	-0.13	82	97
P	-6.41	1	2

Best Double Couple:Mo=6.5*10**17
NP1:Strike= 47 Dip=84 Slip= 5
NP2: 317 85 174

07 04 44 57.57 11.737N 140.100E 26km
5.1mb (26 obs.) 5.3Msz (34 obs.)
WESTERN CAROLINE ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 39S, 67C
Centroid Location:
Origin Time 04:45: 0.5 0.2
Lat 11.72N 0.03 Lon 139.85E 0.03
Dep 15.0 FIX Half-duration 1.6
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	2.95	12	55
N	-0.15	75	202
P	-2.80	8	324

Best Double Couple:Mo=2.9*10**17
NP1:Strike= 99 Dip=76 Slip= 177
NP2: 190 87 14

08 15 53 40.11 18.821S 173.825W 40km
5.3mb (28 obs.) 4.8Msz (1 obs.)
TONGA ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 15C
Centroid Location:
Origin Time 15:53:42.3 0.8
Lat 18.44S 0.11 Lon 173.89W 0.09
Dep 15.0 FIX Half-duration 1.3
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	8.25	6	69
N	1.82	29	336
P	-10.07	60	170

Best Double Couple:Mo=9.2*10**16
NP1:Strike=188 Dip=47 Slip= -48
NP2: 315 57 -125

09 12 08 34.57 9.580S 154.986E 38km
5.7mb (50 obs.) 5.6Msz (41 obs.)
D'ENTRECASTEAUX ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 51S,109C
Centroid Location:
Origin Time 12:08:35.3 0.1
Lat 9.80S 0.02 Lon 155.34E 0.02
Dep 15.0 FIX Half-duration 2.1
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	7.94	15	320
N	-0.73	4	229
P	-7.21	75	124

Best Double Couple:Mo=7.6*10**17
NP1:Strike= 56 Dip=30 Slip= -82
NP2: 227 60 -95

09 16 58 37.63 9.444S 159.604E 10km
5.6mb (47 obs.) 5.4Msz (38 obs.)
SOLOMON ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 46S, 85C
Centroid Location:
Origin Time 16:58:48.6 0.2
Lat 9.48S 0.02 Lon 159.75E 0.02
Dep 41.0 BDY Half-duration 1.8
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	5.21	13	137
N	-0.42	41	35
P	-4.79	46	240

Best Double Couple:Mo=5.0*10**17
NP1:Strike=266 Dip=48 Slip= -28
NP2: 16 69 -135

09 23 28 06.78 18.039S 178.413W 563km
6.6mb (59 obs.)
FIJI ISLANDS REGION
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 25 Dip=70 Slip= -90
NP2: 205 20 -90
Principal Axes:

	Plg=	Azm=
T	25	115
P	65	295

Comment: The focal mechanism is moderately well controlled and corresponds to normal faulting. The preferred fault plane is NP1.
RADIATED ENERGY
No. of sta: 19 Focal mech. F
Energy 2.4±0.5*10**15 Nm
MOMENT TENSOR SOLUTION
Dep 571 No. of sta: 31
Principal Axes:
Scale 10**20 Nm

	Val=	Plg=	Azm=
T	2.33	18	122
N	0.01	17	26
P	-2.34	64	256

Best Double Couple:Mo=2.3*10**20
NP1:Strike=237 Dip=31 Slip= -55
NP2: 18 65 -109
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
M.W.: 50S,136C
Centroid Location:
Origin Time 23:28:17.7 0.1
Lat 17.69S 0.01 Lon 178.11W 0.01
Dep 567.8 0.7 Half-duration 16.0
Principal Axes:
Scale 10**20 Nm

	Val=	Plg=	Azm=
T	3.17	28	116
N	-0.18	23	13
P	-2.98	52	249

Best Double Couple:Mo=3.1*10**20
NP1:Strike=250 Dip=27 Slip= -30
NP2: 7 77 -114

11 03 12 11.32 34.220N 139.167E 10km
5.2mb (76 obs.) 5.1Msz (30 obs.)
NEAR S. COAST OF HONSHU, JAPAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 25S, 35C
Centroid Location:
Origin Time 03:12:15.9 0.4
Lat 34.64N 0.05 Lon 139.05E 0.06
Dep 15.0 FIX Half-duration 1.3
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.74	6	87
N	0.07	57	347
P	-1.81	32	181

Best Double Couple:Mo=1.8*10**17
NP1:Strike=219 Dip=63 Slip= -19
NP2: 318 73 -152

11 10 04 44.65 6.109S 150.503E 79km
4.9mb (17 obs.)
NEW BRITAIN REGION, P.N.G.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 36S, 58C
Centroid Location:
Origin Time 10:04:43.7 0.3
Lat 6.32S 0.03 Lon 150.78E 0.04
Dep 21.4 2.4 Half-duration 1.7
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	2.21	61	346
N	0.03	1	78
P	-2.24	29	169

Best Double Couple:Mo=2.2*10**17
NP1:Strike=263 Dip=16 Slip= 95
NP2: 78 74 89

12 01 49 02.41 14.503S 171.085E 612km
5.3mb (65 obs.)
VANUATU ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 16C
Centroid Location:
Origin Time 01:49: 8.0 0.6
Lat 14.33S 0.07 Lon 170.97E 0.06
Dep 637.0 4.6 Half-duration 1.7
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.46	68	47
N	-0.01	7	154
P	-1.45	21	247

Best Double Couple:Mo=1.5*10**17
NP1:Strike=349 Dip=25 Slip= 106
NP2: 151 66 83

12 21 45 57.32 34.282S 179.270E 283km
5.1mb (14 obs.)
SOUTH OF KERMADEC ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 18S, 20C
Centroid Location:
Origin Time 21:45:56.3 0.7
Lat 33.27S 0.09 Lon 179.37E 0.07
Dep 223.4 4.0 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	8.20	9	287
N	-0.89	24	22
P	-7.31	64	178

Best Double Couple:Mo=7.8*10**16
NP1:Strike=351 Dip=41 Slip=-128
NP2: 217 58 -62

12 23 00 28.82 11.943N 86.893W 33km
5.0mb (40 obs.) 5.2Msz (29 obs.)
NEAR COAST OF NICARAGUA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 49S, 84C
Centroid Location:
Origin Time 23:00:33.1 0.2
Lat 11.41N 0.02 Lon 87.22W 0.02
Dep 30.1 1.6 Half-duration 1.5
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	3.13	68	11
N	0.03	5	114
P	-3.15	22	206

Best Double Couple:Mo=3.1*10**17
NP1:Strike=305 Dip=24 Slip= 103
NP2: 112 67 85

12 23 46 00.20 16.747N 94.273W 97km
5.1mb (88 obs.)
OAXACA, MEXICO
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 35S, 55C
Centroid Location:
Origin Time 23:46: 2.4 0.3
Lat 16.70N 0.03 Lon 94.45W 0.02
Dep 104.1 1.7 Half-duration 1.6
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	3.22	8	69
N	-0.13	41	331
P	-3.10	47	168

Best Double Couple:Mo=3.2*10**17
NP1:Strike=196 Dip=51 Slip= -32
NP2: 307 65 -137

14 04 30 07.66 1.083S 23.929W 10km
6.0mb (63 obs.)
CENTRAL MID-ATLANTIC RIDGE
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=355 Dip=90 Slip= 0
NP2: 265 90 180
Principal Axes:

	Plg=	Azm=
T	0	40
P	0	130

Comment: The focal mechanism is moderately well controlled and corresponds to left-lateral strike-slip faulting. The preferred fault plane is NP2.

14 04 30 15.75 1.278S 23.569W 10km
6.2mb (41 obs.) 6.4Msz (50 obs.)
CENTRAL MID-ATLANTIC RIDGE
RADIATED ENERGY
No. of sta: 20 Focal mech. F
Energy 1.6±0.3*10**15 Nm
MOMENT TENSOR SOLUTION
Dep 18 No. of sta: 21
Principal Axes:
Scale 10**19 Nm

	Val=	Plg=	Azm=
T	3.72	4	36
N	-0.02	84	268
P	-3.70	5	126

Best Double Couple:Mo=3.7*10**19
NP1:Strike=171 Dip=84 Slip= -1
NP2: 261 89 -174
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
M.W.: 58S,142C
Centroid Location:
Origin Time 04:30:33.1 0.1
Lat 0.88S 0.00 Lon 23.03W 0.01
Dep 15.0 FIX Half-duration 6.9
Principal Axes:
Scale 10**19 Nm

	Val=	Plg=	Azm=
T	4.11	18	220
N	0.01	61	347
P	-4.12	22	123

Best Double Couple:Mo=4.1*10**19
NP1:Strike=262 Dip=61 Slip=-177
NP2: 171 88 -29

14 20 51 24.96 15.994N 92.428W 164km
5.8mb (120 obs.) 6.2Msz (45 obs.)
MEXICO-GUATEMALA BORDER REGION
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=140 Dip=77 Slip= 85
NP2: 341 14 111
Principal Axes:

	Plg=	Azm=
T	58	43
P	32	234

Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting with a small left-lateral strike-slip component. The preferred fault plane is NP2.
RADIATED ENERGY
No. of sta: 13 Focal mech. F
Energy 2.3±0.6*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 169 No. of sta: 29
Principal Axes:
Scale 10**19 Nm

	Val=	Plg=	Azm=
T	2.36	40	94
N	0.00	41	316
P	-2.36	23	205

Best Double Couple:Mo=2.4*10**19
NP1:Strike=247 Dip=43 Slip= 15
NP2: 146 80 132
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 54S,140C M.W.: 54S,129C
Centroid Location:
Origin Time 20:51:32.5 0.1
Lat 15.98N 0.01 Lon 92.64W 0.01
Dep 167.6 0.4 Half-duration 6.9

Principal Axes:
Scale 10**19 Nm
T Val= 2.48 Plg=44 Azm= 76
N -0.45 29 314
P -2.03 32 204
Best Double Couple:Mo=2.2*10**19
NP1:Strike=239 Dip=30 Slip= 13
NP2: 138 84 119

15 03 36 19.93 11.110N 88.083W 15km
5.8mb (117 obs.) 5.6Msz (44 obs.)
OFF COAST OF CENTRAL AMERICA
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=330 Dip=73 Slip= -90
NP2: 150 17 -90
Principal Axes:
T Plg=28 Azm= 60
P 62 240
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 12 Focal mech. F
Energy 2.1±0.4*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 3 No. of sta: 33
Principal Axes:
Scale 10**18 Nm
T Val= 4.66 Plg= 4 Azm=197
N -0.35 22 105
P -4.32 68 296
Best Double Couple:Mo=4.5*10**18
NP1:Strike=309 Dip=46 Slip= -58
NP2: 87 52 -118
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 57S,126C
Centroid Location:
Origin Time 03:36:21.8 0.1
Lat 10.96N 0.02 Lon 88.44W 0.02
Dep 15.0 BDY Half-duration 2.7
Principal Axes:
Scale 10**18 Nm
T Val= 1.41 Plg= 1 Azm= 33
N 0.03 14 123
P -1.43 76 300
Best Double Couple:Mo=1.4*10**18
NP1:Strike=109 Dip=46 Slip=-109
NP2: 316 47 -71

16 23 25 42.98 54.992N 160.532E 96km
5.2mb (119 obs.)
NEAR EAST COAST OF KAMCHATKA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 30S, 41C
Centroid Location:
Origin Time 23:25:44.4 0.5
Lat 54.87N 0.05 Lon 161.12E 0.07
Dep 119.4 2.7 Half-duration 1.1
Principal Axes:
Scale 10**16 Nm
T Val= 11.37 Plg=44 Azm=117
N -1.46 7 214
P -9.92 45 311
Best Double Couple:Mo=1.1*10**17
NP1:Strike=126 Dip= 7 Slip=-178
NP2: 34 90 -83

17 11 28 03.01 24.054N 122.367E 38km
5.3mb (65 obs.) 5.4Msz (30 obs.)
TAIWAN REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 28S, 55C
Centroid Location:
Origin Time 11:28: 5.3 0.2
Lat 23.90N 0.04 Lon 122.29E 0.04
Dep 20.2 2.9 Half-duration 1.4
Principal Axes:
Scale 10**17 Nm
T Val= 2.26 Plg=54 Azm=298
N 0.36 20 58
P -2.61 29 159
Best Double Couple:Mo=2.4*10**17
NP1:Strike=292 Dip=24 Slip= 146
NP2: 53 77 70

17 17 27 32.42 36.154S 52.427E 10km
4.9mb (17 obs.) 5.1Msz (3 obs.)
SOUTHWEST INDIAN RIDGE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 46S, 88C
Centroid Location:
Origin Time 17:27:38.2 0.2
Lat 36.18S 0.03 Lon 52.48E 0.03
Dep 15.0 FIX Half-duration 1.6
Principal Axes:
Scale 10**17 Nm
T Val= 3.63 Plg= 6 Azm=317
N -0.24 81 184
P -3.39 6 48
Best Double Couple:Mo=3.5*10**17
NP1:Strike= 93 Dip=81 Slip= 0
NP2: 183 90 -171

18 00 11 55.77 51.390N 178.537W 33km
5.0mb (85 obs.) 4.4Msz (12 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 28S, 38C
Centroid Location:
Origin Time 00:11:59.5 0.4
Lat 51.44N 0.05 Lon 178.64W 0.09
Dep 27.8 3.4 Half-duration 1.2
Principal Axes:
Scale 10**16 Nm
T Val= 10.84 Plg=48 Azm=112
N -2.18 25 351
P -8.66 31 244
Best Double Couple:Mo=9.8*10**16
NP1:Strike=283 Dip=27 Slip= 20
NP2: 175 81 115

18 02 20 18.75 24.788N 109.109W 10km
5.4mb (84 obs.) 5.4Msz (26 obs.)
GULF OF CALIFORNIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 40S, 77C
Centroid Location:
Origin Time 02:20:25.1 0.2
Lat 25.00N 0.02 Lon 109.20W 0.02
Dep 15.0 FIX Half-duration 1.8
Principal Axes:
Scale 10**17 Nm
T Val= 4.74 Plg=20 Azm=270
N -0.56 70 75
P -4.18 5 178
Best Double Couple:Mo=4.5*10**17
NP1:Strike=313 Dip=73 Slip= 169
NP2: 46 80 18

19 01 24 44.13 51.500N 159.290E 33km
5.3mb (127 obs.) 5.2Msz (37 obs.)
OFF EAST COAST OF KAMCHATKA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 40S, 79C
Centroid Location:
Origin Time 01:24:47.0 0.3
Lat 51.35N 0.03 Lon 159.83E 0.05
Dep 19.0 BDY Half-duration 1.4
Principal Axes:
Scale 10**17 Nm
T Val= 1.88 Plg=74 Azm=321
N 0.20 4 219
P -2.08 16 128
Best Double Couple:Mo=2.0*10**17
NP1:Strike=212 Dip=30 Slip= 83
NP2: 41 61 94

19 10 43 34.13 8.344N 58.588E 10km
4.9mb (33 obs.) 4.9Msz (9 obs.)
CARLSBERG RIDGE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 26S, 38C
Centroid Location:
Origin Time 10:43:46.2 0.4
Lat 8.48N FIX;Lon 58.46E FIX
Dep 15.0 FIX Half-duration 1.3
Principal Axes:
Scale 10**16 Nm
T Val= 10.51 Plg=17 Azm=207
N -0.30 8 115
P -10.21 71 2
Best Double Couple:Mo=1.0*10**17
NP1:Strike=309 Dip=29 Slip= -74
NP2: 111 63 -99

20 01 20 26.70 23.301S 177.488W 213km
5.3mb (49 obs.)
SOUTH OF FIJI ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 20S, 24C
Centroid Location:
Origin Time 01:20:30.9 0.5
Lat 23.25S 0.06 Lon 177.39W 0.04
Dep 222.8 2.5 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 10.12 Plg=33 Azm=111
N 3.19 10 207
P -13.30 55 312
Best Double Couple:Mo=1.2*10**17
NP1:Strike=166 Dip=15 Slip=-132
NP2: 29 79 -80

20 21 20 12.26 34.231N 118.475W 13km
5.2mb (66 obs.) 4.8Msz (14 obs.)
SOUTHERN CALIFORNIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 17S, 27C
Centroid Location:
Origin Time 21:20:18.0 0.7
Lat 34.32N 0.07 Lon 118.68W 0.08
Dep 15.0 FIX Half-duration 1.6
Principal Axes:
Scale 10**16 Nm
T Val= 10.50 Plg=75 Azm=350
N 0.80 8 113
P -11.30 13 205
Best Double Couple:Mo=1.1*10**17
NP1:Strike=306 Dip=33 Slip= 105
NP2: 107 58 80

22 01 12 59.56 41.363S 105.090W 10km
5.1mb (12 obs.)
SOUTHERN EAST PACIFIC RISE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 17S, 25C
Centroid Location:
Origin Time 01:13: 7.4 0.8
Lat 41.62S 0.08 Lon 104.85W 0.15
Dep 15.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 6.53 Plg=14 Azm=354
N 1.83 15 88
P -8.36 69 223
Best Double Couple:Mo=7.4*10**16
NP1:Strike= 64 Dip=34 Slip=-118
NP2: 277 61 -73

24 18 40 53.64 8.090N 126.672E 33km
5.1mb (25 obs.)
MINDANAO, PHILIPPINE ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 10S, 15C
Centroid Location:
Origin Time 18:40:59.8 0.8
Lat 8.31N 0.09 Lon 126.36E 0.15
Dep 33.311.3 Half-duration 1.4
Principal Axes:
Scale 10**16 Nm
T Val= 2.92 Plg=14 Azm=175
N 2.41 20 270
P -5.33 65 52
Best Double Couple:Mo=4.1*10**16
NP1:Strike=239 Dip=35 Slip=-126
NP2: 101 62 -67

25 20 53 03.36 14.855N 92.981W 60km
5.1mb (48 obs.)
NEAR COAST OF CHIAPAS, MEXICO
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 21S, 33C
Centroid Location:
Origin Time 20:53: 3.4 0.4
Lat 14.69N 0.05 Lon 93.40W 0.05
Dep 44.4 4.3 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 9.34 Plg=26 Azm= 57
N 0.21 6 324
P -9.55 63 221
Best Double Couple:Mo=9.4*10**16
NP1:Strike=162 Dip=20 Slip= -71
NP2: 322 71 -97

26 10 38 34.42 58.363N 164.105E 27km
5.6mb (119 obs.)
KAMCHATKA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 48S, 96C
Centroid Location:
Origin Time 10:38:36.5 0.2
Lat 58.25N 0.02 Lon 164.46E 0.06
Dep 15.0 FIX Half-duration 1.4
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.95	80	92
N	-0.16	7	232
P	-1.78	6	323

Best Double Couple:Mo=1.9*10**17

	Strike=	Dip=	Slip=
NP1:	61	39	102
NP2:	226	52	80

27 00 29 40.88 40.791S 44.531E 10km
5.1mb (15 obs.) 4.7Msz (5 obs.)
SOUTHWEST INDIAN RIDGE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 21S, 36C
Centroid Location:
Origin Time 00:29:43.6 0.6
Lat 41.05S 0.06 Lon 44.39E 0.07
Dep 15.0 FIX Half-duration 1.3
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.47	6	339
N	-0.17	52	76
P	-1.30	38	245

Best Double Couple:Mo=1.4*10**17

	Strike=	Dip=	Slip=
NP1:	29	60	-155
NP2:	286	69	-33

27 07 20 19.42 16.559S 172.704W 33km
5.1mb (32 obs.) 5.3Msz (36 obs.)
SAMOA ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 46S, 87C
Centroid Location:
Origin Time 07:20:23.2 0.3
Lat 16.75S 0.03 Lon 172.09W 0.02
Dep 15.0 FIX Half-duration 1.7
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	2.06	74	283
N	0.25	1	191
P	-2.32	16	100

Best Double Couple:Mo=2.2*10**17

	Strike=	Dip=	Slip=
NP1:	189	29	89
NP2:	11	61	91

27 11 20 40.94 17.800S 178.188W 580km
5.1mb (30 obs.)
FIJI ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 21C
Centroid Location:
Origin Time 11:20:47.5 0.8
Lat 17.47S 0.10 Lon 178.64W 0.07
Dep 582.0 4.7 Half-duration 1.2
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	8.20	10	127
N	-1.81	10	35
P	-6.39	75	260

Best Double Couple:Mo=7.3*10**16

	Strike=	Dip=	Slip=
NP1:	230	36	-72
NP2:	28	56	-103

27 13 45 12.26 10.326S 161.153E 54km
5.4mb (48 obs.) 5.2Msz (29 obs.)
SOLOMON ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 39S, 67C
Centroid Location:
Origin Time 13:45:14.0 0.2
Lat 10.22S 0.03 Lon 161.18E 0.02
Dep 42.1 1.9 Half-duration 1.4
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.48	63	189
N	-0.07	25	345
P	-1.41	10	79

Best Double Couple:Mo=1.5*10**17

	Strike=	Dip=	Slip=
NP1:	196	41	129
NP2:	329	59	61

27 17 20 53.11 35.221S 78.600E 10km
4.9mb (13 obs.) 4.9Msz (2 obs.)
MID-INDIAN RIDGE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 25S, 35C
Centroid Location:
Origin Time 17:20:57.8 0.3
Lat 35.21S 0.08 Lon 78.54E 0.04
Dep 15.0 FIX Half-duration 1.3
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.05	3	83
N	0.04	76	340
P	-1.08	13	174

Best Double Couple:Mo=1.1*10**17

	Strike=	Dip=	Slip=
NP1:	218	78	-7
NP2:	310	83	-168

29 07 56 53.97 29.096N 51.256E 33km
5.4mb (82 obs.)
SOUTHERN IRAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 18S, 22C
Centroid Location:
Origin Time 07:56:59.1 0.4
Lat 29.08N FIX;Lon 51.23E FIX
Dep 33.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	5.09	79	358
N	0.52	9	143
P	-5.61	6	234

Best Double Couple:Mo=5.3*10**16

	Strike=	Dip=	Slip=
NP1:	334	40	104
NP2:	136	52	79

30 13 29 11.30 9.003N 126.254E 40km
5.9mb (92 obs.) 5.3Msz (29 obs.)
MINDANAO, PHILIPPINE ISLANDS
FAULT PLANE SOLUTION: P-Waves

	Strike=	Dip=	Slip=
NP1:	20	58	90
NP2:	200	32	90

Principal Axes:

	Plg=	Azm=
T	77	290
P	13	110

Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
RADIATED ENERGY
No. of sta: 7 Focal mech. M
Energy 1.2±0.3*10**12 Nm
MOMENT TENSOR SOLUTION
Dep 44 No. of sta: 16
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	8.22	60	334
N	0.16	25	192
P	-8.37	16	94

Best Double Couple:Mo=8.3*10**17

	Strike=	Dip=	Slip=
NP1:	153	36	45
NP2:	24	65	117

CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 47S,109C
Centroid Location:
Origin Time 13:29:16.2 0.2
Lat 8.90N 0.02 Lon 126.70E 0.02
Dep 55.5 1.5 Half-duration 1.9
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	5.11	70	333
N	-0.76	17	190
P	-4.35	11	96

Best Double Couple:Mo=4.7*10**17

	Strike=	Dip=	Slip=
NP1:	166	37	61
NP2:	20	58	110

30 19 55 46.05 28.994N 52.745E 54km
5.5mb (104 obs.)
SOUTHERN IRAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 36S, 71C
Centroid Location:
Origin Time 19:55:43.9 0.2
Lat 28.96N 0.03 Lon 52.60E 0.03
Dep 33.0 FIX Half-duration 1.3
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.70	15	105
N	-0.24	71	248
P	-1.46	11	12

Best Double Couple:Mo=1.6*10**17

	Strike=	Dip=	Slip=
NP1:	148	71	177
NP2:	239	87	19

31 22 40 52.15 22.057S 179.533W 580km
6.1mb (64 obs.)
SOUTH OF FIJI ISLANDS
FAULT PLANE SOLUTION: P-Waves

	Strike=	Dip=	Slip=
NP1:	15	85	-58
NP2:	113	32	-171

Principal Axes:

	Plg=	Azm=
T	32	79
P	41	315

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.
RADIATED ENERGY
No. of sta: 22 Focal mech. F
Energy 5.2±0.9*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 587 No. of sta: 25
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	7.67	35	91
N	-0.90	16	193
P	-6.78	51	303

Best Double Couple:Mo=7.2*10**18

	Strike=	Dip=	Slip=
NP1:	131	18	-153
NP2:	15	82	-74

CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 51S,136C
Centroid Location:
Origin Time 22:40:58.7 0.1
Lat 22.05S 0.02 Lon 179.30W 0.01
Dep 607.3 0.8 Half-duration 4.3
Principal Axes:
Scale 10**18 Nm

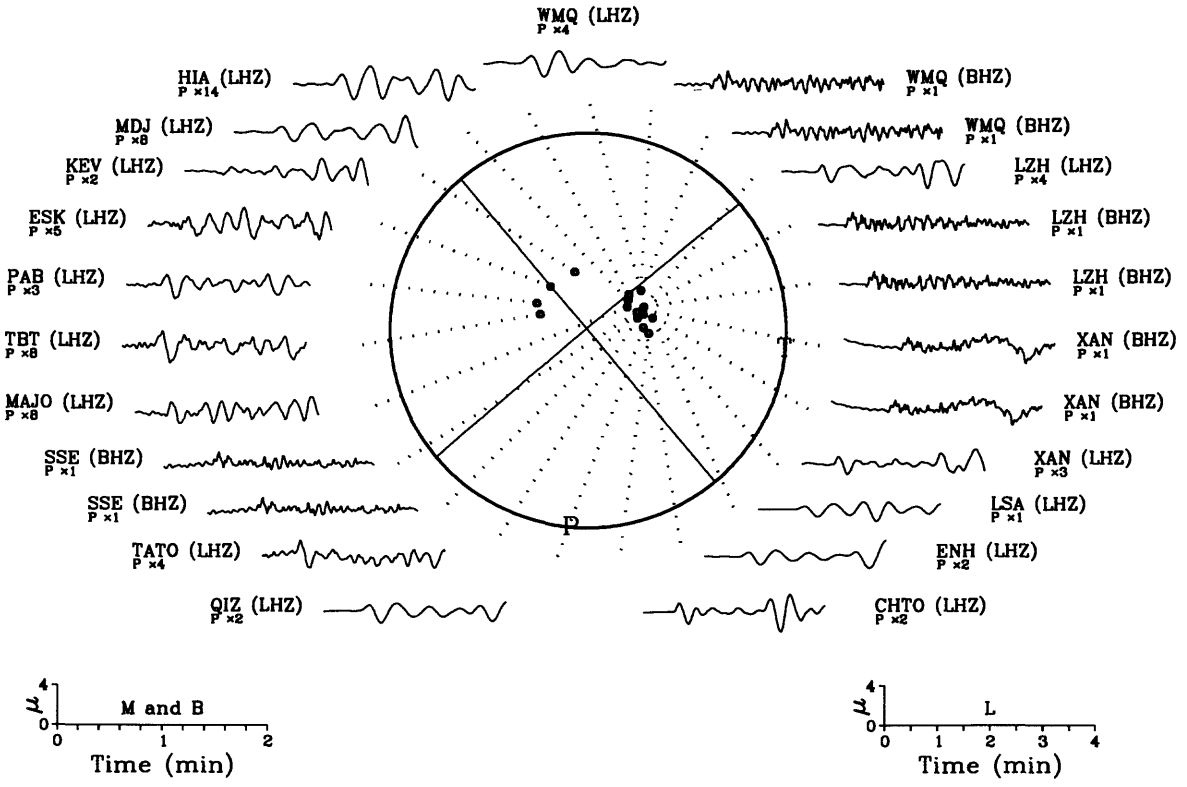
	Val=	Plg=	Azm=
T	6.54	40	92
N	0.04	17	196
P	-6.58	45	304

Best Double Couple:Mo=6.6*10**18

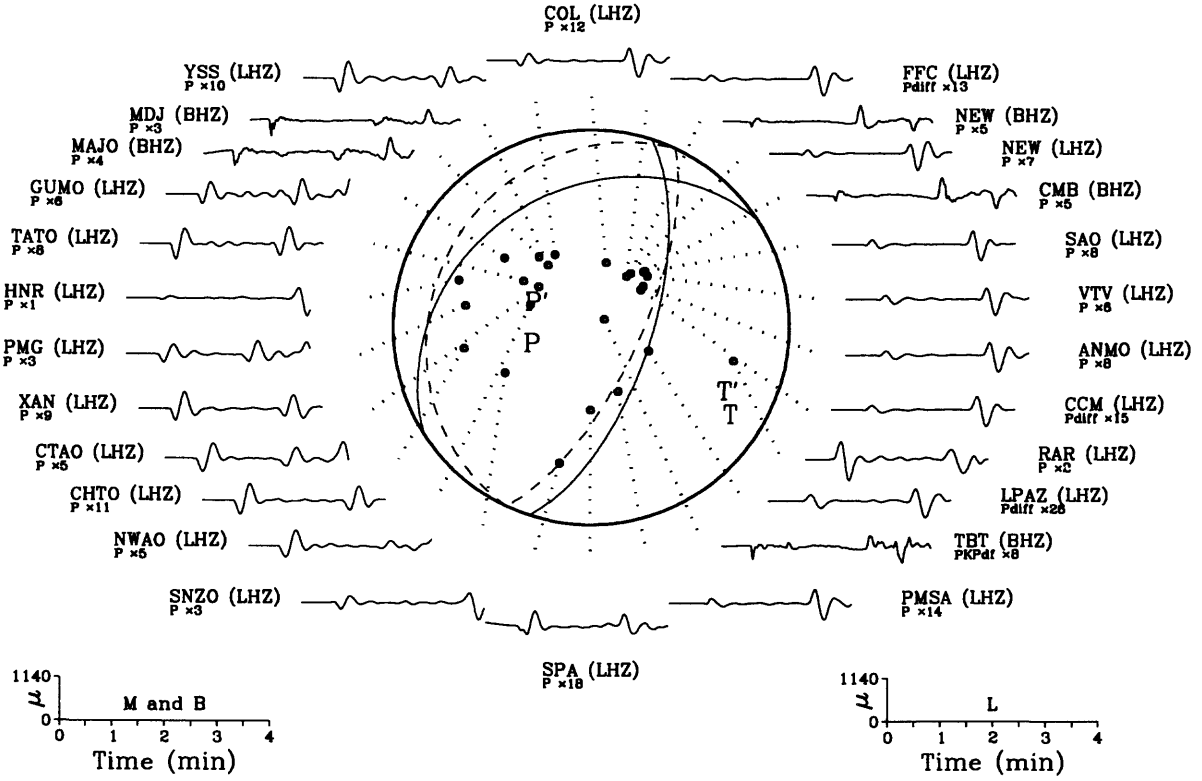
	Strike=	Dip=	Slip=
NP1:	117	17	-170
NP2:	17	87	-73

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, William H. Schmieder and Pamela J. Tatalaski.

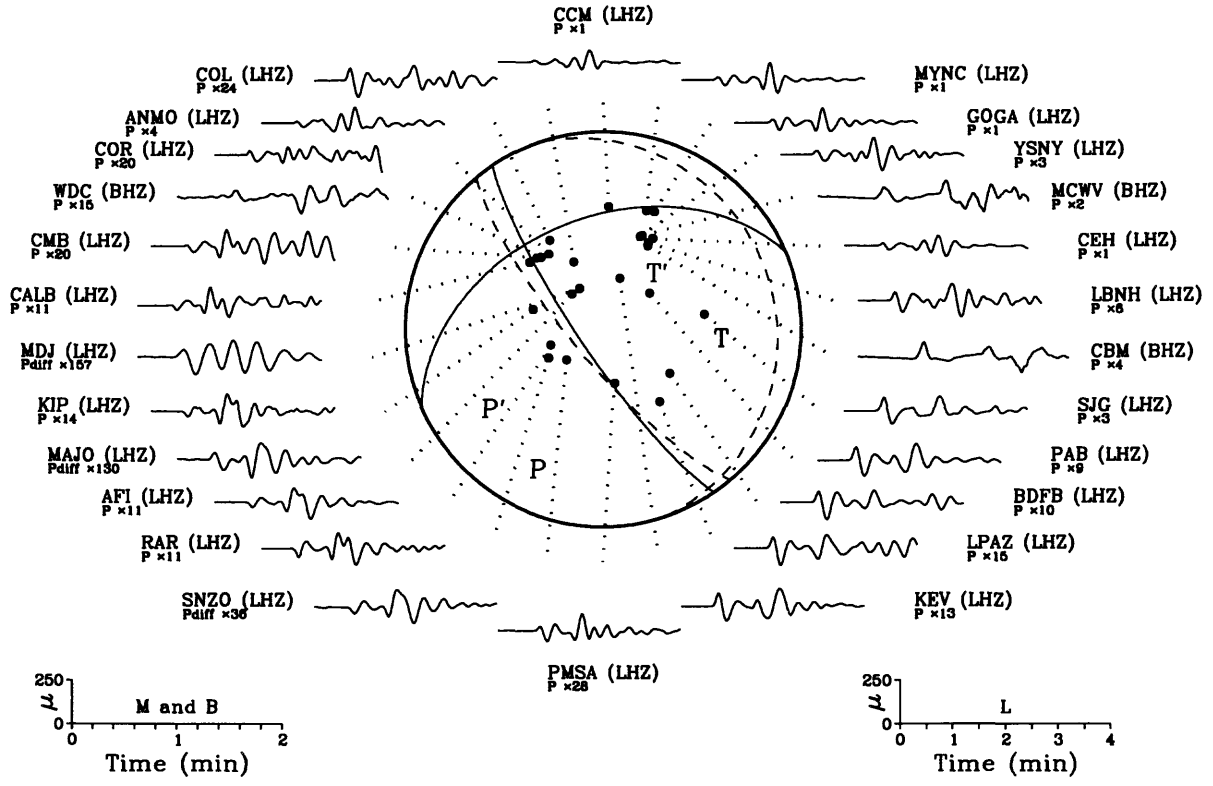
01 March 1994 03:49:00.83
Southern Iran



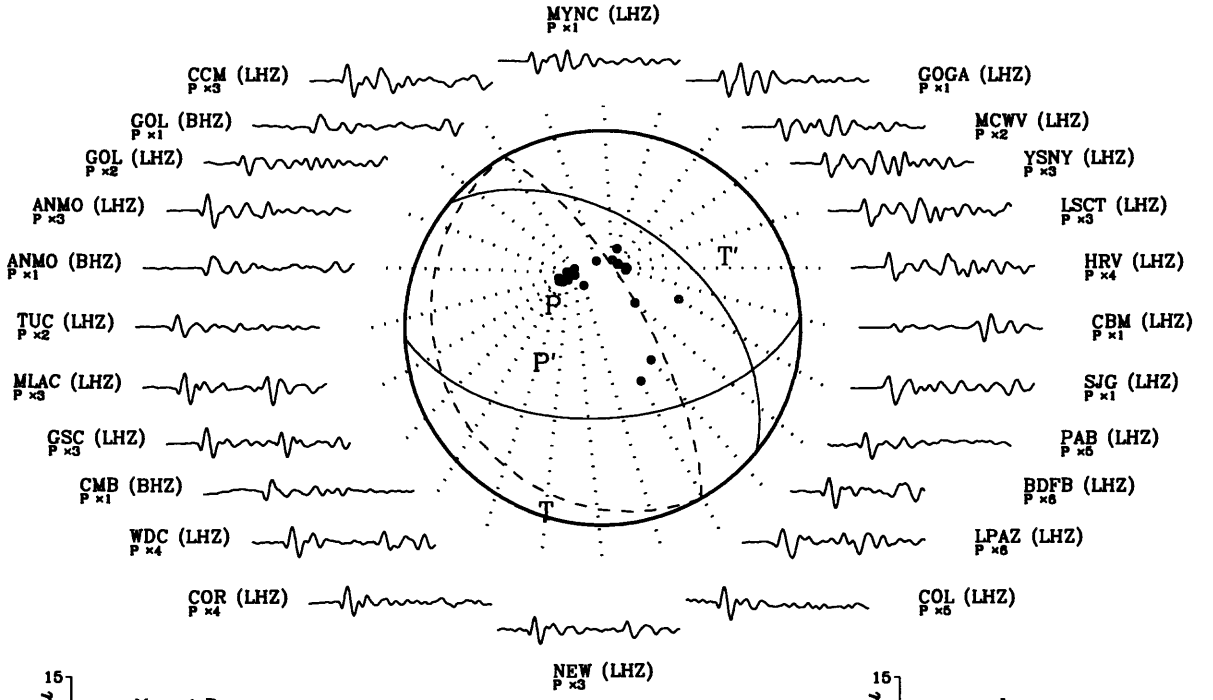
09 March 1994 23:28:06.78
Fiji Islands Region



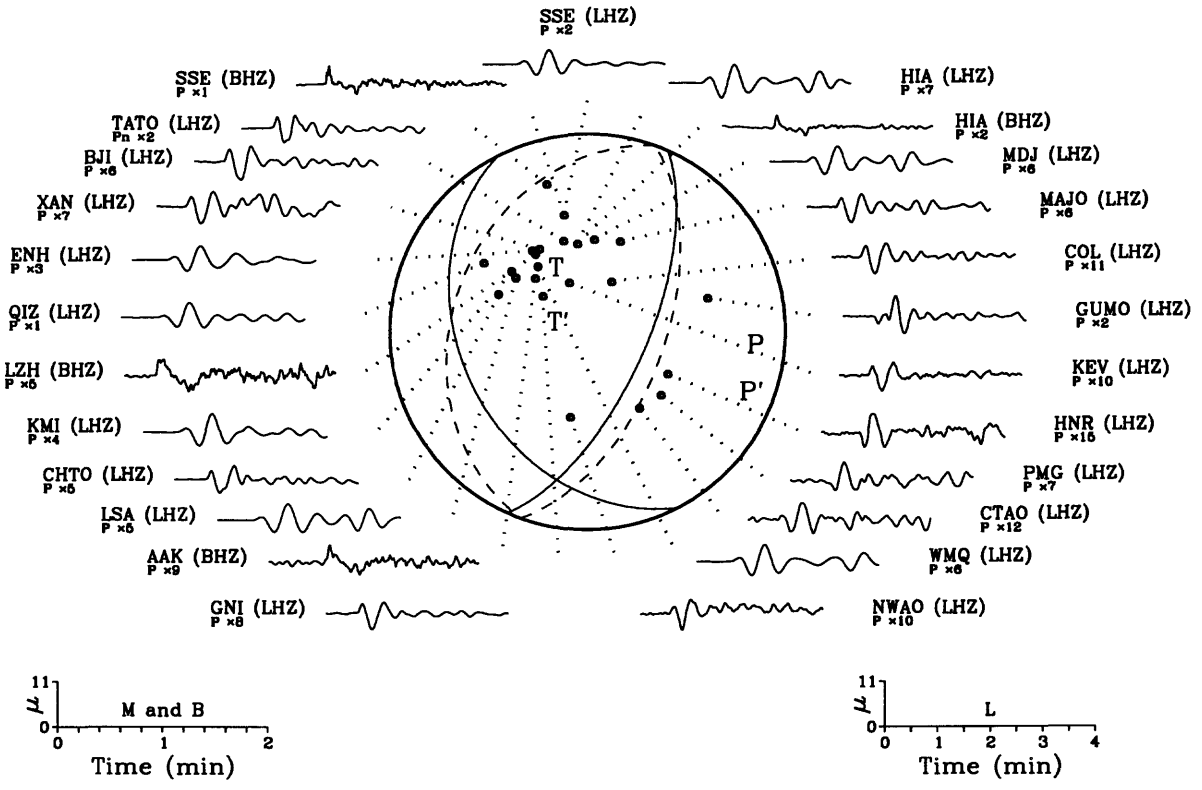
14 March 1994 20:51:24.96
Mexico–Guatemala Border Region



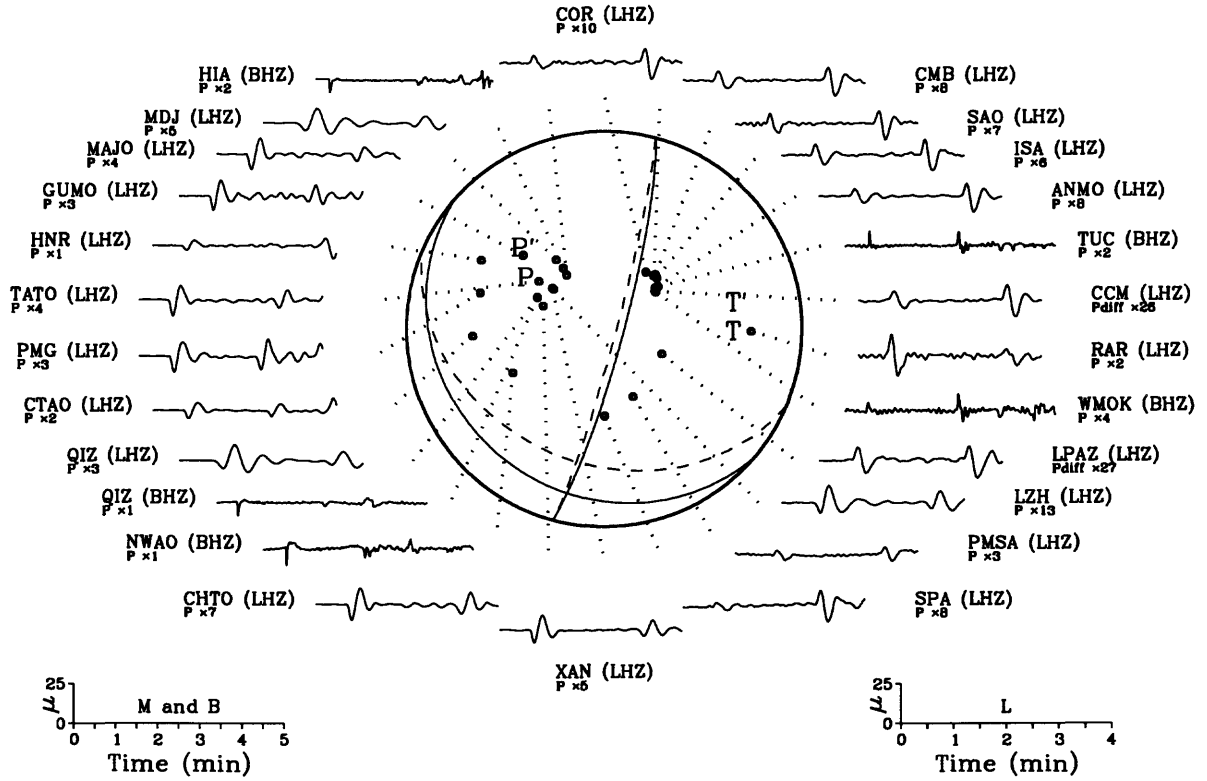
15 March 1994 03:36:19.93
Off Coast of Central America



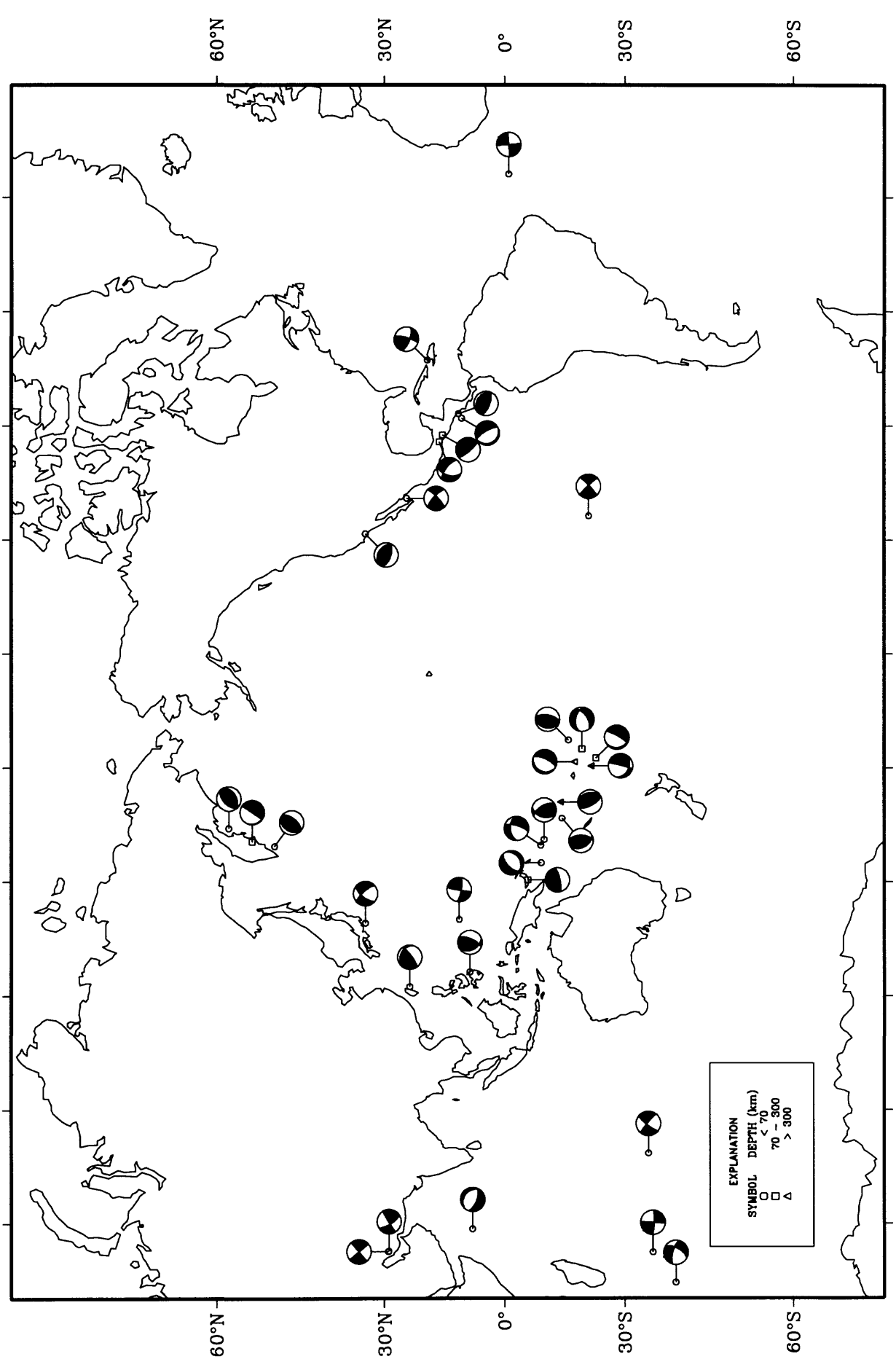
30 March 1994 13:29:11.30
Mindanao, Philippine Islands

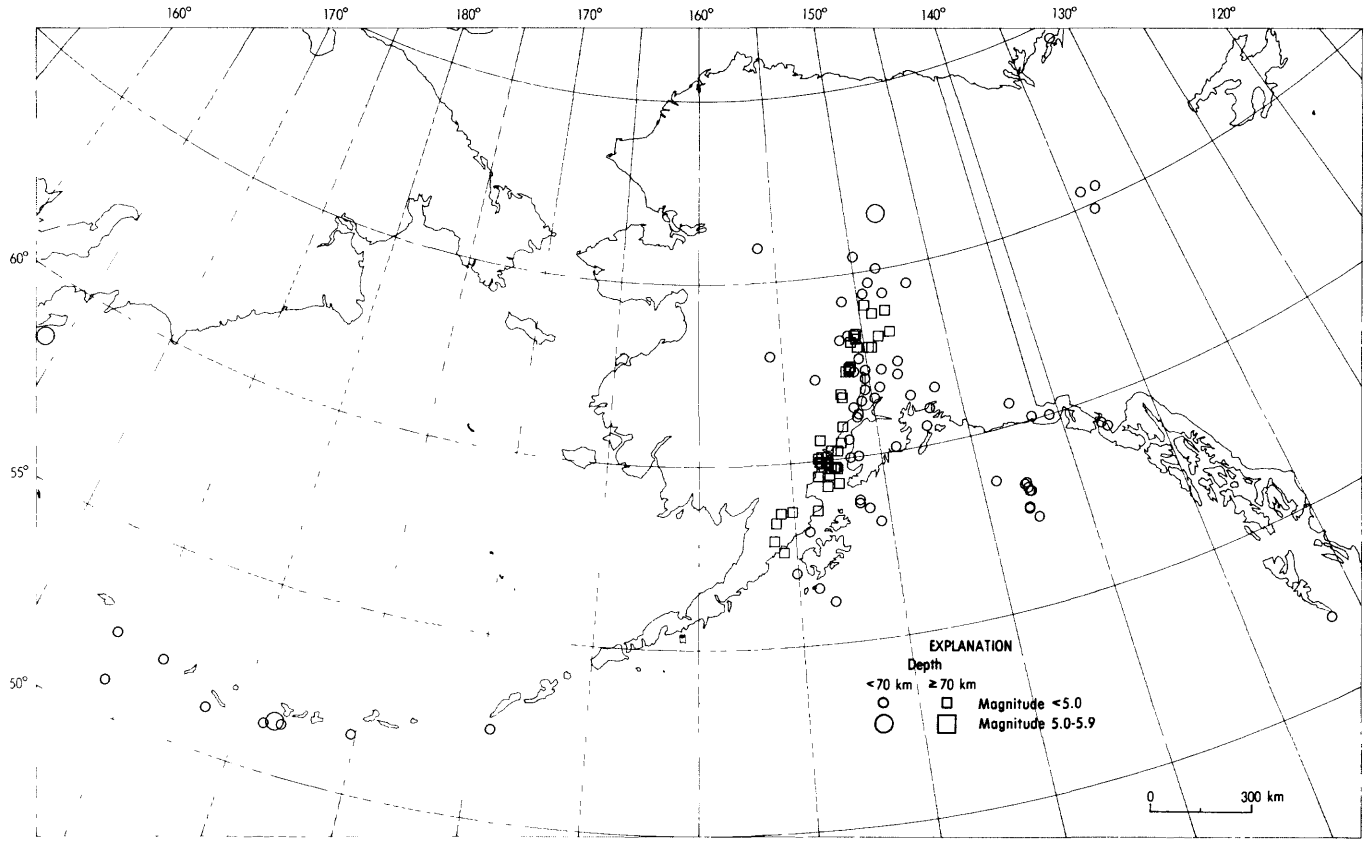


31 March 1994 22:40:52.15
South of Fiji Islands

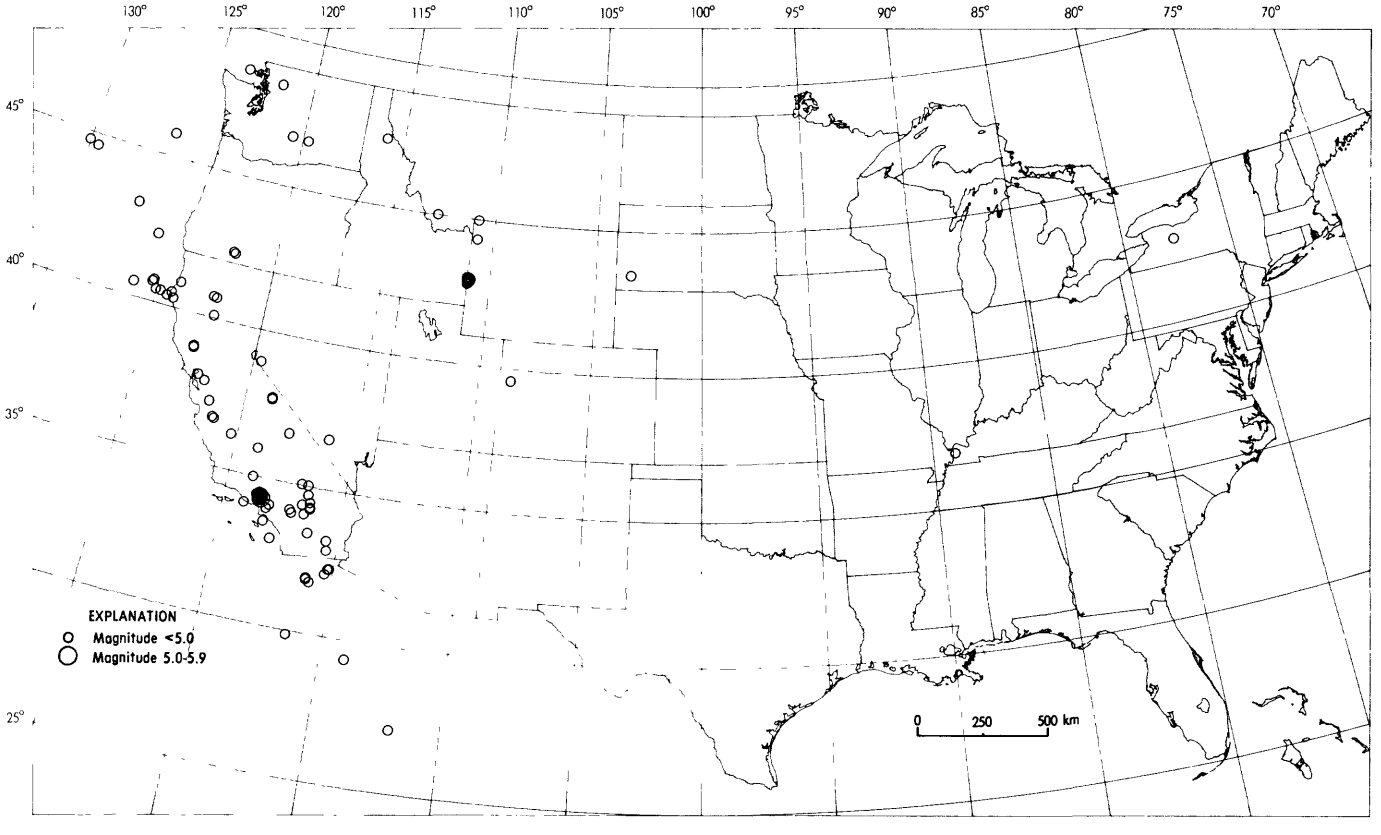


Earthquake Focal Mechanisms for March 1994

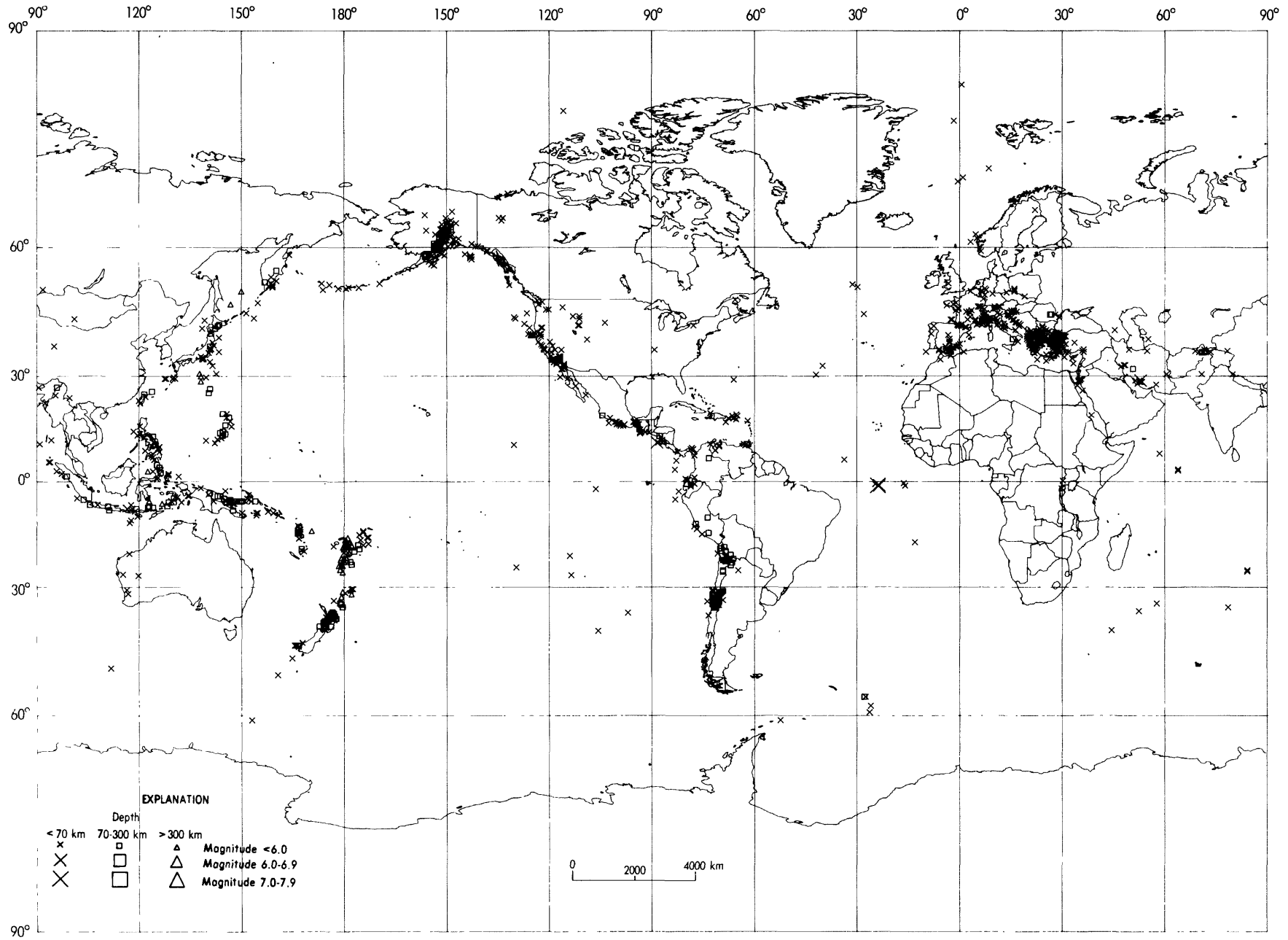




Earthquake epicenters in Alaska and adjacent regions for March, 1994.



Earthquake epicenters in the conterminous United States and adjacent regions for March, 1994.



Earthquakes located in March, 1994.

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