UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

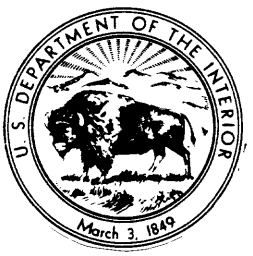
PRELIMINARY DETERMINATION OF EPICENTERS MONTHLY LISTING

OCTOBER - DECEMBER 1992

NATIONAL EARTHQUAKE INFORMATION CENTER

Open File Report

92-600-D



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1992

PRELIMINARY DETERMINATION OF EPICENTERS

MONTHLY LISTING

U.S. DEPARTMENT OF THE INTERIOR / GEOLOGICAL SURVEY

National Earthquake Information Center

OCTOBER 1992

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
	01	00	39	13.8	51.098	N	178.150	W	33	N	4.7	4.5	0.9	76	ANDREANOF ISLANDS, ALEUTIAN IS. Felt on Adak.
	01	00	41	21.7&	60.042	N	153.019	W	123					84	SOUTHERN ALASKA. <AEIC>.
	01	01	30	08.9&	35.837	N	117.671	W	8					14	CENTRAL CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	01	01	31	48.9?	27.83	N	102.37	W	5	G			1.4	6	NORTHERN MEXICO. mbLg 3.8 (GS). Felt at a ranch about midway between Baquillos del Carmen and Ocampo.
	01	01	41	29.1&	62.456	N	148.706	W	40					74	CENTRAL ALASKA. <AEIC>. ML 3.0 (AEIC).
	01	01	57	20.4?	2.88	S	128.76	E	94	?	4.6		1.3	7	CERAM SEA
	01	02	31	27.4	36.591	N	141.259	E	45	*	4.7	4.5	1.4	41	NEAR EAST COAST OF HONSHU, JAPAN
	01	02	40	58 0&	35.930	N	90.010	W	5	G				19	ARKANSAS. <SLM-P>. MD 2.7 (SLM), 2.6 (TEIC). mbLg 2.5 (GS). Felt at Blytheville.
	01	03	11	27.1&	34.977	N	116.938	W	0					20	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.6 (PAS), 3.4 (GS). Felt at Barstow.
	01	03	14	56.9*	50 402	N	18.788	E	10	G			1.1	7	POLAND. MG 2.5 (BRA).
o	01	03	21	04 3	53.591	S	51.661	W	10	G	5.3	5.5	1.1	45	SOUTH ATLANTIC OCEAN
o	01	05	02	34.1	51.123	N	177.997	W	15	G	5.9	5.8	0.9	520	ANDREANOF ISLANDS, ALEUTIAN IS. ML 5.7 (PMR). Mo=2.0*10**18 Nm (PPT). Felt (IV) on Adak. Two events about 1.4 seconds apart. Depth from broadband displacement seismograms, based on first event.
	01	05	14	02.7?	40 28	N	27.53	E	10	G			1.3	5	TURKEY
	01	05	46	36.0?	10 52	N	87.47	W	33	N	4.3		1.1	10	OFF COAST OF COSTA RICA
	01	06	23	17.6*	51.154	N	177.975	W	33	N	4.3		0.8	15	ANDREANOF ISLANDS, ALEUTIAN IS.
	01	06	39	32.9*	50.950	N	177.953	W	33	N	4.3		0.6	12	ANDREANOF ISLANDS, ALEUTIAN IS.
	01	07	31	03.4%	17 882	N	66.797	W	10	G			0.6	6	PUERTO RICO REGION
	01	07	47	02.8	20 010	S	133.834	E	10	G			1.1	7	NORTHERN TERRITORY, AUSTRALIA. ML 3.1 (QIS).
o	01	08	18	51.7	39 035	S	74 911	W	28	D	5.6	5.0	1.0	127	OFF COAST OF CENTRAL CHILE. Mo=1.6*10**18 Nm (PPT).
	01	08	26	34.4	51 117	N	178.278	W	33	N	4.6	4.8	0.9	41	ANDREANOF ISLANDS, ALEUTIAN IS.
	01	08	47	33.0%	39 657	N	15 349	E	10	G			0.9	8	SOUTHERN ITALY
	01	09	12	03 6%	32.780	S	70 436	W	10	G			0.4	11	CHILE-ARGENTINA BORDER REGION. MD 3.8 (SAN).
	01	09	29	30.8&	58 943	N	154.641	W	126					47	ALASKA PENINSULA. <AEIC>.
	01	11	14	57.4*	29.386	S	71.725	W	76	?			0.8	19	NEAR COAST OF CENTRAL CHILE. MD 4.4 (SAN).
	01	11	51	06.4*	3.748	S	128.730	E	126	*	4.8		1.1	12	SERAM, INDONESIA
	01	11	56	11.5*	11.108	N	86.779	W	10	G	4.6	3.6	1.4	27	NEAR COAST OF NICARAGUA
	01	12	10	32.4	43.740	N	9.763	E	10	G			0.7	20	CORSICA
	01	12	34	02.6*	51.423	N	15.995	E	5	G			0.6	8	POLAND. ML 3.3 (GRF).
	01	13	02	50.1*	17 943	N	76.756	W	10	G			0.7	5	JAMAICA REGION. MD 2.0 (HOJ).
	01	13	32	54.9&	63.810	N	148 449	W	106		4.2			107	CENTRAL ALASKA. <AEIC>. Felt at Cantwell, Eielson Air Force Base, Fairbanks, Fox and Healy.
	01	13	38	35.0&	64 008	N	145 846	W	15		4.4			115	CENTRAL ALASKA. <AEIC>. ML 4.5 (AEIC), 4.4 (PMR). Felt (V) at Two Rivers, (IV) at Delta Junction and (II) at Fairbanks.
	01	13	47	50.5*	40.362	N	125.522	W	10	G			0.7	18	OFF COAST OF NORTHERN CALIFORNIA. ML 3.5 (GS).
	01	14	18	07.9?	24.48	N	121.29	E	106	?	3.6		0.5	5	TAIWAN
	01	14	26	51.6%	46.120	N	3.261	E	10	G			1.0	12	FRANCE. ML 2.7 (LDG).
	01	14	48	43.4%	32.676	S	70.484	W	90	G			0.4	10	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	01	15	28	11.9*	14.768	S	72 942	W	91	*	4.4		0.7	9	CENTRAL PERU
	01	15	29	31.5	60.440	N	5.038	E	5	G			0.5	9	SOUTHERN NORWAY. ML 1.5 (NAO). MD 1.9 (BER).
	01	15	52	59.7%	40.404	N	28.193	E	10	G			0.2	6	TURKEY
	01	16	37	03.9	51.028	N	178.128	W	33	N	4.8	4.5	0.9	109	ANDREANOF ISLANDS, ALEUTIAN IS. Felt on Adak.
	01	16	40	23.3?	34.79	S	71.02	W	100	G			0.1	10	NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).
	01	16	47	29.8	32.836	S	71.538	W	10	G			0.9	14	NEAR COAST OF CENTRAL CHILE. MD 4.3 (SAN).
	01	17	18	57.0	49.129	N	6.903	E	10	G			0.8	17	GERMANY. ML 2.8 (STR). MD 2.6 (UCC).
	01	17	35	23.8%	42.416	N	19.433	E	10	G			0.6	7	NORTHWESTERN BALKAN REGION. ML 1.3 (TTG).
	01	17	39	39.9&	34.543	N	116.546	W	0					11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	01	17	47	42.2?	66.81	N	13.48	E	10	G			0.8	4	NORTHERN NORWAY
	01	18	13	20.9	1.927	S	126.802	E	25	D	5.0		1.3	39	SOUTHERN MOLUCCA SEA
a	01	18	15	40.8	53.655	S	51.684	W	10	G	5.3	5.4	0.9	30	SOUTH ATLANTIC OCEAN
	01	18	36	31.3%	42.855	N	0.604	W	10	G			0.1	7	PYRENEES. ML 1.7 (STR).
	01	19	14	52.1?	6.82	N	72.67	W	173	?	3.9		0.5	8	NORTHERN COLOMBIA

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	01	19	35	50.5	11.294	N	125.603	E	59	*	4.6	1.0	46	SAMAR, PHILIPPINE ISLANDS. Felt (II RF) at Palo, Leyte.
	01	20	24	50	3*	50.252	N	19.266	E	10	G		1.2	5	POLAND
	01	20	47	36.4&	34.356	N	116.450	W	1					12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 2.8 (GS).
	01	20	52	30.9&	63.282	N	151.135	W	14					69	CENTRAL ALASKA. <AEIC>. ML 3.2 (AEIC), 3.4 (PMR).
	01	21	46	28.9%	43.044	N	18.765	E	10	G			0.1	6	NORTHWESTERN BALKAN REGION. ML 1.4 (TTG).
	01	22	09	00.0*	10.856	N	86.655	W	26	D	4.7		1.4	25	OFF COAST OF COSTA RICA. MD 4.6 (SJR).
	01	23	38	40.1*	30.306	N	138.554	E	445	*	4.3		0.7	18	SOUTH OF HONSHU, JAPAN
	02	00	16	12.0%	39.735	N	27.771	E	10	G			1.0	13	TURKEY
	02	01	24	10.6?	51.35	N	177.75	W	33	N	3.9		0.4	6	ANDREANOF ISLANDS, ALEUTIAN IS.
	02	01	32	48.6%	36.650	N	4.863	W	33	N			1.0	6	STRAIT OF GIBRALTAR. mbLg 2.3 (MDD).
	02	02	02	00.4&	34.581	N	116.593	W	3					12	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	02	03	51	38.8?	13.05	N	143.76	E	140	?	4.9		1.4	10	SOUTH OF MARIANA ISLANDS
	02	04	18	42.0	51.148	N	15.843	E	5	G			0.7	9	POLAND. ML 2.9 (GRF).
	02	04	32	35.5%	40.374	N	23.784	E	10	G			0.8	6	GREECE. MD 2.2 (THE).
	02	05	33	11.8?	6.92	S	130.21	E	228	*	4.7		1.3	6	BANDA SEA
	02	06	23	55.2?	11.31	N	87.48	W	10	G			0.9	7	NEAR COAST OF NICARAGUA
	02	06	30	34.5*	26.497	S	114.435	W	20	D	5.0	4.6	1.1	37	EASTER ISLAND REGION
	02	07	02	26.1?	21.85	S	172.76	E	33	N	4.8		0.4	5	LOYALTY ISLANDS REGION
	02	07	05	05.0	51.034	N	177.771	W	33	N	4.9	4.4	0.9	119	ANDREANOF ISLANDS, ALEUTIAN IS.
	02	07	06	41.5?	22.07	S	68.14	W	33	N			0.5	5	NORTHERN CHILE
	02	07	19	41.8*	39.672	N	27.877	E	10	G			0.6	7	TURKEY
	02	07	19	57.3&	34.602	N	116.635	W	4		4.1			58	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.3 (PAS), 4.4 (GS). Felt (IV) at Apple Valley and La Quinta. Also felt at Victorville.
	02	07	28	55.7&	34.601	N	116.630	W	3					12	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.3 (GS).
	02	07	45	51.3&	50.597	N	129.986	W	10	G				55	VANCOUVER ISLAND REGION. <PGC-P>. ML 3.5 (PGC).
	02	08	24	40.2*	31.019	S	71.844	W	40	G			0.4	14	NEAR COAST OF CENTRAL CHILE. MD 4.4 (SAN).
	02	08	48	05.3&	34.605	N	116.611	W	3					13	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.4 (GS).
	02	08	59	22.7?	35.25	S	103.68	W	10	G	4.9	4.6	1.1	13	SOUTHERN PACIFIC OCEAN
	02	09	45	34.1%	44.211	N	7.414	E	10	G			0.5	7	NORTHERN ITALY. ML 1.6 (GEN).
	02	09	45	43.0?	5.81	S	131.36	E	123	?	4.8		0.9	12	BANDA SEA
	02	10	31	57.1?	40.68	N	23.00	E	10	G			0.5	4	GREECE
a	02	10	50	46.1	30.820	S	177.557	W	33	N	5.1	5.3	1.2	67	KERMADEC ISLANDS, NEW ZEALAND
	02	11	00	41.3?	11.54	N	88.35	W	33	N	4.4	4.5	0.4	6	OFF COAST OF CENTRAL AMERICA
	02	11	04	37.1*	1.226	N	129.304	E	33	N	4.8	4.5	0.9	14	HALMAHERA, INDONESIA
	02	11	55	30.9	24.959	N	126.907	E	33	N	4.2		0.5	11	RYUKYU ISLANDS
	02	12	10	11.6?	20.90	S	67.16	W	190	G			0.7	6	SOUTHERN BOLIVIA
	02	12	12	14.1&	34.605	N	116.626	W	4					19	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.2 (GS).
	02	12	54	16.3?	22.65	S	69.32	W	10	G			1.5	5	NORTHERN CHILE. Felt (II) at Antofagasta.
	02	13	05	42.3&	35.014	N	116.968	W	4					17	CENTRAL CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.4 (GS).
	02	13	53	40.9?	44.48	N	7.31	E	5	G			0.1	4	NORTHERN ITALY. ML 1.5 (GEN).
	02	14	38	44.3	38.006	N	73.044	E	118		4.9		1.1	115	TAJIKISTAN-XINJIANG BORDER REG.
	02	15	06	18.6&	34.601	N	116.628	W	3					11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 2.6 (GS).
	02	15	46	33.2?	31.90	S	71.89	W	10	G			0.5	11	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
	02	15	49	56.1&	33.973	N	116.385	W	8					10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 2.9 (GS).
	02	16	25	17.3?	11.34	S	118.08	E	33	N	4.0		0.8	6	SOUTH OF SUMBAWA, INDONESIA
	02	17	11	28.5*	60.539	N	4.722	E	10	G			0.8	6	SOUTHERN NORWAY. ML 1.4 (NAO). MD 1.4 (BER).
	02	17	28	42.5	51.114	N	178.112	W	33	N	4.7		0.9	65	ANDREANOF ISLANDS, ALEUTIAN IS.
	02	17	30	33.8?	39.23	N	21.73	E	5	G			1.0	4	GREECE. MD 2.8 (ATH).
	02	17	32	11.9	42.620	N	13.419	E	10	G			0.4	6	CENTRAL ITALY
	02	17	52	59.2%	39.460	N	27.797	E	10	G			0.3	5	TURKEY
	02	19	18	13.6*	18 278	N	69.088	W	10	G			0.3	6	DOMINICAN REPUBLIC REGION
	02	19	25	16.0?	43.38	N	4.57	E	10	G			0.3	6	NEAR SOUTH COAST OF FRANCE. ML 2.6 (LDG).
a	02	19	29	55.1	0.304	N	122.618	E	107	D	5.2		1.2	84	MINAHASSA PENINSULA, SULAWESI
	02	20	15	21.5%	47.826	N	0.999	W	10	G			0.5	6	FRANCE. ML 2.2 (LDG).
	02	21	06	36.8	32.987	N	137.910	E	323	*	4.4		0.9	55	SOUTH OF HONSHU, JAPAN
	02	21	27	36.8*	1.339	N	129.207	E	33	N	4.6		1.4	13	HALMAHERA, INDONESIA
	02	21	42	18 0&	34 035	N	117.187	W	6					24	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 3.0 (GS). Felt (IV) at Bryn Mawr, Highland, Redlands and San Bernardino.
	02	21	59	11.9&	58.486	N	156.855	W	0					19	ALASKA PENINSULA. <AEIC>. ML 3.7 (AEIC).
	02	22	20	15.7*	32.945	S	71.617	W	10	G			1.0	11	NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).
	02	22	48	56.7*	1 223	N	129.150	E	77	?	4.9		1.3	28	HALMAHERA, INDONESIA
	02	23	06	28.1	42 377	N	1.848	E	22				0.8	26	PYRENEES. ML 3.0 (LDG), 2.7 (STR). mbLg 3 0 (MDD).
	02	23	27	05.1?	17.49	N	62.26	W	33	N			0.6	4	LEEWARD ISLANDS. MD 2.5 (TRN).
	03	00	53	02.2?	10.53	N	60.72	W	10	G			0.8	5	TRINIDAD. MD 2.9 (TRN).
	03	01	39	50.4	42.197	N	19.468	E	10	G			1.0	15	NORTHWESTERN BALKAN REGION. ML 2.4 (TIR), 2.0 (TTG).
	03	02	24	16.0	43.051	N	0.381	W	5	G			1.1	10	PYRENEES. ML 2.4 (LDG). Felt (IV) in the Ossau Valley, France.
	03	02	26	01.9	41.842	N	20 084	E	10	G			1.1	11	ALBANIA. ML 2.4 (TIR), 2.1 (TTG).
	03	03	11	58.4	40 815	N	21 676	E	5	G			0.5	9	GREECE. MD 2.6 (THE).
	03	03	32	19.7?	8.71	S	76 04	W	100	G	4.6		1.3	14	CENTRAL PERU
	03	04	33	31.6	42.728	N	2.073	E	10	G			0.7	7	PYRENEES. ML 2.4 (LDG).
	03	05	51	41.4&	19 328	N	155.072	W	2		4.0			58	HAWAII. <HVO-P>. MD 4.3 (HVO). Felt (V) at Pepeekeo and (IV) at Hilo, Honomu and Pohala. Also felt at Volcano and in the Kona District. Felt throughout much of the southeastern part of the island of Hawaii.
	03	06	55	23.7?	4.12	S	146.30	E	144	?	4.9		1.1	9	EASTERN NEW GUINEA REG., P.N.G.
	03	07	00	34.1	30 870	S	71.344	W	73	*			0.9	23	NEAR COAST OF CENTRAL CHILE. MD 4.6 (SAN).
	03	07	14	35.0*	38.043	N	28.742	E	10	G			0.8	6	TURKEY
	03	07	29	52.7&	34.515	N	116.541	W	0					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 2.8 (GS).
	03	07	37	25.7	27.510	N	111.364	W	10	G	4.8	5.2	1.2	68	GULF OF CALIFORNIA. Felt at Bahia Kino, Guaymas and Hermosillo, Sonora.
	03	07	42	25.6	51 062	N	178.393	E	33	N	5.2	4.9	0.9	163	RAT ISLANDS, ALEUTIAN ISLANDS
	03	08	12	47.4%	33.409	S	70.199	W	10	G			0.4	9	CHILE-ARGENTINA BORDER REGION. MD 3.0 (SAN).
	03	08	19	05.4	40.332	N	25.910	E	10	G			0.8	15	AEGEAN SEA. MD 3.2 (THE).
	03	09	19	09.8	56 383	N	152.861	W	33	N	4.8	4.5	0.9	65	KODIAK ISLAND REGION. ML 4.8 (AEIC), 4.5 (PMR).
	03	09	41	44.3?	31.94	S	70.43	W	110	G			0.4	10	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	03	09	56	15.2	56.113	N	152.395	W	33	N	4.2		0.9	53	KODIAK ISLAND REGION. ML 3.5 (AEIC).
	03	10	34	26.2%	41.140	N	28.729	E	10	G			0.4	8	TURKEY
	03	11	07	38.3*	29.274	S	70.142	W	10	G			1.0	10	CENTRAL CHILE
	03	11	11	21.9	39.326	N	25.545	E	16				0.9	31	AEGEAN SEA. ML 3.8 (ATH). MD 3.1 (THE).
	03	11	17	30.6%	39.078	N	27.600	E	10	G			0.3	5	TURKEY

	03	11	25	33.5?	67.32	N	30.10	E	10	G			1.1	4	BALTICS-BYELARUS-NW RUSSIA REG. ML 2.2 (NAO), 2.1 (BER)
	03	11	25	34.8&	63.261	N	151.161	W	12					48	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC), 3.1 (PMR).
	03	13	00	52.9?	42.37	N	27.66	E	10	G			0.6	5	BULGARIA
	03	13	45	14.2*	24.049	N	121.939	E	51	*	4.7		1.5	25	TAIWAN
	03	13	56	38.5	22.604	N	121.396	E	33		5.1	4.6	1.1	136	TAIWAN REGION. ML 4.9 (BJI).
	03	14	00	27.6&	34.797	N	116.291	W	4					12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 3.0 (GS).
	03	15	12	01.1%	40.352	N	28.637	E	10	G			1.0	6	TURKEY
	03	16	17	06.4*	60.521	N	4.702	E	10	G			0 6	6	SOUTHERN NORWAY. ML 1.2 (NAO). MD 1.7 (BER).
	03	18	20	37.0	40.957	N	22.385	E	10	G	3.7		1.3	72	GREECE. ML 4.0 (ATH), 3.9 (TTG), 3.9 (SKO), 3.8 (TIR). MD 3.7 (THE). Felt (V) at Gevgelija and (IV) at Prilep, Yugoslavia.
	03	18	27	00.6&	62.798	N	150.636	W	90					81	CENTRAL ALASKA. <AEIC>.
	03	18	28	35.2*	9.943	S	124.456	E	33	N	4.1		0.9	6	TIMOR REGION, INDONESIA
	03	19	36	50.0%	41.785	N	15.976	E	10	G			0.7	5	SOUTHERN ITALY
	03	21	17	57.8*	1.410	N	129.427	E	10	G	4.6		0.9	11	HALMAHERA, INDONESIA
	03	21	58	33.2	51.030	N	178.108	W	33	N	4.4		1.1	41	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.9 (PMR).
	03	22	57	23.2%	42.991	N	18.765	E	10	G			0.4	9	NORTHWESTERN BALKAN REGION. ML 2.1 (TTG).
	03	23	02	02.2	43.035	N	0.554	W	10	G			1.4	10	PYRENEES. ML 2.4 (LDG).
	03	23	38	54.9	5.533	S	133.813	E	33	N	4.6		1.4	18	ARU ISLANDS REGION, INDONESIA
	04	00	05	50.6?	27.40	S	69.17	W	120	G			0.1	5	NORTHERN CHILE
	04	01	13	22.2	34.796	N	139.874	E	33	N	4.8		0.8	13	NEAR S. COAST OF HONSHU, JAPAN
	04	01	46	17.0*	34.132	S	70.631	W	100	G			0.1	11	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	04	03	12	02.2	34.576	N	25.099	E	10	G	3.5		1.0	11	CRETE. MD 4.1 (ATH).
	04	03	31	13.5&	58.086	N	138.069	W	0	G				16	SOUTHEASTERN ALASKA. <AEIC>. ML 3.3 (AEIC).
	04	03	49	14.4&	61.379	N	150.325	W	40					79	SOUTHERN ALASKA. <AEIC>. ML 3.1 (AEIC), 3.2 (PMR).
	04	05	04	12.5	39.151	N	21.725	E	10	G			1.0	14	GREECE. ML 3.3 (ATH). MD 2.7 (THE).
	04	05	26	14.5*	42.252	N	142.744	E	33	N			1.3	8	HOKKAIDO, JAPAN REGION
	04	06	13	19.4	3.586	S	141.449	E	32	D	5.0	4.6	1.2	56	NEW GUINEA, PAPUA NEW GUINEA
	04	06	33	39.1%	40.388	N	27.074	E	10	G			0.5	5	TURKEY
	04	07	41	18.6?	5.53	S	130.63	E	118	?	4.6		1.1	11	BANDA SEA
	04	07	49	54.5?	24.24	N	121.26	E	10	G			0.4	4	TAIWAN
	04	08	30	29.6?	39.17	N	27.53	E	10	G			0.3	4	TURKEY
	04	08	55	44.1%	41.174	N	29.178	E	19	*			0.5	8	TURKEY
	04	09	02	04.2	23.495	N	102.694	E	10	G	4.4		1.1	20	YUNNAN, CHINA. ML 4.3 (BJI).
	04	09	09	30.8?	42.31	N	7.23	E	10	G			0.1	5	WESTERN MEDITERRANEAN SEA. ML 2.8 (LDG).
	04	09	50	46.5*	36.891	N	20.428	E	10	G	3.6		0.7	9	CENTRAL MEDITERRANEAN SEA. ML 3.5 (ATH).
	04	10	29	04.2	40.665	N	29.673	E	10	G			0.9	8	TURKEY
	04	12	43	35.4?	40.81	N	23.15	E	10	G			0.2	4	GREECE
	04	12	48	41.2*	5.428	S	147.141	E	207		4.8		1.1	19	EASTERN NEW GUINEA REG., P.N.G.
	04	13	06	25.7&	35 976	N	118.354	W	0					15	CENTRAL CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	04	13	46	36.0*	3.522	S	141.435	E	10	G	4 0	3.7	1.3	14	NEW GUINEA, PAPUA NEW GUINEA
	04	13	55	00.2?	32 28	S	70.33	W	110	G			0.5	10	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	04	14	09	59.0%	39.697	N	27.848	E	10	G			0.6	10	TURKEY
	04	14	10	14.7&	59 685	N	152.908	W	90					50	SOUTHERN ALASKA. <AEIC>.
	04	14	10	54.3?	39.81	N	27.96	E	10	G			0.2	5	TURKEY
	04	15	20	08.7	20.101	N	94.919	E	86		4.5		1.2	55	MYANMAR
	04	15	24	02 7&	60.368	N	151.697	W	63					86	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.1 (AEIC).
	04	15	34	17.4*	51.248	N	15.843	E	10	G			1.0	9	POLAND. ML 3.4 (GRF).
	04	16	10	09.0*	10.236	S	125.477	E	33	N	3.7		1.1	6	TIMOR SEA
	04	16	23	22.8	6.230	S	147.760	E	60		5.0		0 8	20	EASTERN NEW GUINEA REG., P.N.G.
	04	16	40	55.4*	21.229	S	67.758	W	272	?			1.2	7	CHILE-BOLIVIA BORDER REGION
	04	17	31	50.1*	20.312	S	69.674	W	120	G			1.0	6	NORTHERN CHILE
	04	18	16	57 3&	35.926	N	120.473	W	10					13	CENTRAL CALIFORNIA. <GM-P>. MD 3.1 (GM). ML 3.0 (PAS).
	04	18	19	23.4*	7.742	S	128.574	E	174	*	4.6		1.2	14	BANDA SEA
	04	19	21	43.5	39 504	N	20.185	E	9		3.8		1.5	41	GREECE-ALBANIA BORDER REGION. ML 3.7 (TIR). MD 3.6 (ATH), 3.5 (THE).
	04	20	01	43.0*	37.719	N	20.184	E	10	G			0.7	5	IONIAN SEA MD 3.2 (ATH).
	04	20	37	45.7*	24 036	N	122.010	E	45	*	3.9		0.8	9	TAIWAN REGION
	04	20	41	05.7	39 822	N	140.971	E	105		4.6		1.2	80	EASTERN HONSHU, JAPAN
	04	20	57	03 0&	59.024	N	145.431	W	10	G				55	GULF OF ALASKA. <AEIC>. ML 2.5 (AEIC).
	04	20	58	54.6	47.357	N	151.978	E	119	*	4.9		1.1	97	KURIL ISLANDS
	04	21	18	58.3*	24.376	N	94.353	E	60	*	4.4		0.4	9	MYANMAR-INDIA BORDER REGION
	04	22	20	46 1?	32.64	S	71.80	W	10	G			0.7	10	NEAR COAST OF CENTRAL CHILE. MD 3.5 (SAN).
	04	22	28	40.4&	34.962	N	116.933	W	0					17	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.0 (GS).
	04	23	01	09.1*	45.739	N	85.204	E	33	N	4.6		1.1	13	NORTHERN XINJIANG, CHINA
	05	00	12	05.5?	33.83	S	72.85	W	10	G			0.7	10	OFF COAST OF CENTRAL CHILE. MD 3.8 (SAN).
	05	00	39	53.9?	15.38	N	98.38	W	33	N			0.9	6	OFF COAST OF GUERRERO, MEXICO
	05	00	52	09.2%	32 985	S	70.599	W	90	G			0.2	9	CHILE-ARGENTINA BORDER REGION
	05	01	13	05.6&	59.789	N	153.374	W	120					43	SOUTHERN ALASKA. <AEIC>.
a	05	01	51	47.9	15.357	N	46.011	W	10	G	5.0	4.8	1.1	111	NORTHERN MID-ATLANTIC RIDGE
	05	03	04	14.6?	4.96	N	125.00	E	194	*	4.7		1.4	10	CELEBES SEA
	05	03	05	13.1?	42.42	N	7.30	E	10	G			0.2	5	WESTERN MEDITERRANEAN SEA. ML 2.7 (LDG).
	05	04	15	59 9?	17.53	S	73.86	W	33	N			1.5	6	OFF COAST OF PERU
	05	04	44	08.6&	36 402	N	97.503	W	5	G				6	OKLAHOMA. <TUL>. MD 2.8 (TUL). Felt (V) at Gorber and Perry. Felt (IV) at Stillwater.
	05	05	10	40.5*	40.023	N	24.183	E	10	G			1.3	8	AEGEAN SEA. MD 2.5 (THE).
	05	05	46	30.4*	20.809	S	178.736	W	637	*	4.4		1.0	27	FIJI ISLANDS REGION
	05	06	07	17 2&	34 256	N	116.438	W	3					10	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	05	06	31	16.4	42.244	N	14.141	E	18				1.0	23	CENTRAL ITALY ML 3.7 (LDG).
	05	06	44	26.5%	33.684	S	70.239	W	110	G			0.2	10	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	05	07	12	16.7%	39.344	N	27.915	E	10	G			0.4	5	TURKEY
	05	07	15	18 1&	34.234	N	116.854	W	2					11	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	05	07	43	52.8&	34.932	N	116.911	W	0					11	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	05	08	12	03.2	40 839	N	28.144	E	10	G			0.9	12	TURKEY
	05	08	13	09.2%	39.107	N	27.597	E	10	G			0.7	5	TURKEY
	05	09	14	45.1*	20.055	S	69.271	W	179	*			0.4	6	NORTHERN CHILE
	05	09	26	59.9?	31.71	S	70.04	W	140	G			0 5	10	CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).
	05	10	01	58.8*	6.633	S	146.799	E	59	?	3.4		0.4	6	EASTERN NEW GUINEA REG., P.N.G.
	05	10	06	26.6&	34.416	N	116.481	W	1					18	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.7 (PAS), 3.3 (GS). Felt (IV) at Yucca Valley.
	05	10	29	19.8%	41.167	N	28.737	E	10	G			0.3	5	TURKEY
	05	10	53	11.6?	31.87	S	69.73	W	160	G			0.4	10	SAN JUAN PROVINCE, ARGENTINA. MD 3.9 (SAN).

	05	11	40	29.1&	37.447	N	118.855	W	7				36	CALIFORNIA-NEVADA BORDER REGION. <BRK>. ML 3.9 (BRK). MD 3.9 (GM) Felt in the epicentral area.
	05	11	49	46.6?	31.87	S	70.B5	W	100 G			0.4	10	CHILE-ARGENTINA BORDER REGION
	05	12	15	13.2?	42.27	N	7.20	E	10 G			0.1	5	WESTERN MEDITERRANEAN SEA. ML 2.7 (LDG).
	05	14	54	25.1%	40.423	N	23.015	E	10 G			0.2	7	GREECE
	05	15	21	19.7	41.251	N	22.744	E	10 G			0.8	8	NORTHWESTERN BALKAN REGION. ML 2.0 (SKO). MD 2.2 (THE).
	05	16	28	37.2?	40.34	N	23.63	E	10 G			0.8	4	GREECE. MD 1.7 (THE).
	05	18	23	33.4?	39.30	N	74.17	E	33 N	4.1		1.0	11	SOUTHERN XINJIANG, CHINA
	05	18	59	01.7	51.642	N	179.065	E	68 D	5.3		1.1	258	RAT ISLANDS, ALEUTIAN ISLANDS. ML 5.3 (PMR). Felt (V) on Amchitka.
	05	18	59	32.2&	35.927	N	120.474	W	10				8	CENTRAL CALIFORNIA. <GM-P>. MD 2.7 (GM). ML 2.6 (PAS).
	05	19	26	40.1&	58.798	N	143.322	W	10 G				47	GULF OF ALASKA. <AEIC>. ML 2.7 (AEIC).
	05	19	51	34.6	39.119	N	23.326	E	10 G			0.8	16	AEGEAN SEA. ML 3.3 (ATH). MD 3.1 (THE).
	05	19	56	27.1%	38.179	N	15.043	E	10 G			0.4	5	SICILY
	05	20	34	55.1&	40.311	N	124.521	W	8				11	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 3.4 (GM). ML 3.1 (BRK).
	05	21	29	36.0*	52.668	N	173.028	E	33 N	4.2		0.5	9	NEAR ISLANDS, ALEUTIAN ISLANDS
	05	21	41	26.7&	40.314	N	124.531	W	8				4	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 3.0 (GM).
	05	22	02	30.1	17.367	N	61.644	W	53 *			1.0	18	LEEWARD ISLANDS. MD 3.9 (TRN).
	05	22	31	51.3	33.213	S	71.710	W	10 G			1.1	17	NEAR COAST OF CENTRAL CHILE. MD 4.2 (SAN).
	05	23	02	36.3%	36.811	N	3.013	W	5 G			1.1	11	STRAIT OF GIBRALTAR. mbLg 3.0 (MDD).
	05	23	03	38.4*	6.805	N	72.792	W	181 *			0.7	13	NORTHERN COLOMBIA
	05	23	16	03.0&	34.372	N	116.429	W	3				13	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.1 (GS).
	06	00	40	52.8%	36.678	N	3.039	W	5 G			1.1	8	STRAIT OF GIBRALTAR. mbLg 3.0 (MDD).
	06	00	45	06.2?	8.56	S	79.10	W	67 ?			1.2	6	NEAR COAST OF NORTHERN PERU
	06	02	20	07.6*	21.381	S	68.659	W	149 *	4.6		1.3	12	CHILE-BOLIVIA BORDER REGION
	06	02	57	46.9	40.847	N	28.138	E	10 G			0.7	11	TURKEY
	06	03	09	30.6&	60.248	N	150.950	W	61				57	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.5 (AEIC).
	06	04	13	22.3?	8.21	N	82.98	W	10 G			0.8	8	PANAMA-COSTA RICA BORDER REGION
	06	04	17	18.3	40.352	N	23.981	E	10 G			0.9	10	GREECE. MD 2.1 (THE).
	06	04	50	55.0&	40.312	N	124.523	W	10				8	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 3.5 (GM). Felt (III) at Rio Dell.
	06	05	50	40.9*	32.54B	S	71.824	W	10 G			0.7	11	NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	06	06	26	31.1	32.462	N	141.502	E	51 D	4.5		1.4	45	SOUTH OF HONSHU, JAPAN
	06	07	00	10.2*	8.243	S	80.064	W	50 *	4.9		1.1	20	OFF COAST OF NORTHERN PERU
	06	07	05	54.8?	8.67	N	83.20	W	10 G			0.8	8	COSTA RICA. MD 4.1 (SJR).
	06	08	02	20.2?	43.17	N	147.28	E	33 N	4.2		1.3	5	KURIL ISLANDS
	06	08	11	05.2*	43.065	N	19.090	E	10 G			0.3	5	NORTHWESTERN BALKAN REGION. ML 2.1 (TTG).
	06	08	57	17.7	38.422	N	56.518	E	10 G	4.7	4.8	1.3	78	TURKMENISTAN-IRAN BORDER REGION. Felt (V) at Kara-Kala; also felt at Ashgabat, Turkmenistan.
	06	09	31	43.2%	45.499	N	26.429	E	126 ?			0.5	9	ROMANIA
	06	09	54	39.4?	19.10	S	69.43	W	184 ?			0.4	6	NORTHERN CHILE
f	06	10	28	22.9	5.425	S	151.175	E	50 G	5.8	5.8	1.0	405	NEW BRITAIN REGION, P.N.G. Ms 6.1 (BRK). Mo=7.9*10**17 Nm (PPT). Felt (II) at Rabaul. Depth from braadband displacement seismograms.
	06	11	00	19.1%	31.371	S	68.573	W	108 ?			0.9	7	SAN JUAN PROVINCE, ARGENTINA
	06	11	01	52.9*	61.617	N	4.307	E	10 G			0.6	9	SOUTHERN NORWAY. MD 2.3 (BER).
	06	11	38	04.2&	37 072	N	121.913	W	10				9	CENTRAL CALIFORNIA. <BRK>. ML 2.5 (BRK).
	06	12	44	26.9%	39.363	N	27.918	E	10 G			0.4	10	TURKEY
	06	14	11	31.5	8.824	N	122.720	E	61 *	4.8		1.2	26	MINDANAO, PHILIPPINE ISLANDS
	06	14	19	09.1&	58.486	N	154.895	W	108	3.8			79	ALASKA PENINSULA. <AEIC>.
	06	14	45	28 5	24.194	S	66.971	W	209 *			1.1	17	SALTA PROVINCE, ARGENTINA
	06	14	49	12.7	31.177	S	68.891	W	118 *			0.9	19	SAN JUAN PROVINCE, ARGENTINA. MD 4.1 (SAN).
	06	14	52	37.7?	39.79	N	21.03	E	10 G			0.9	4	GREECE. MD 2.1 (THE).
	06	14	55	20.3*	21.204	N	77.284	E	33 N			1.2	5	SOUTHERN INDIA
	06	15	14	52.6	51.139	N	177.913	W	33 N	5.2	4.5	1.0	151	ANDREANOF ISLANDS, ALEUTIAN IS. Felt (IV) on Adak.
	06	15	15	54.9*	51.641	N	7.675	E	10 G			1.2	6	GERMANY
	06	15	26	13.9*	17.638	N	62.282	W	5 G			0.8	7	LEEWARD ISLANDS. ML 3.3 (FDF). MD 3.0 (TRN).
	06	15	30	01.9%	40.208	N	29.381	E	10 G			0.6	7	TURKEY
	06	15	38	04 0&	43.324	N	71 578	W	5 G				11	VERMONT-NEW HAMPSHIRE REGION. <WES-P>. mbLg 3.4 (WES). Felt (IV) at Belmont, Boscawen, Bristol, Canterbury, Franklin, Henniker, Laudan, Salisbury and Tilton, New Hampshire. Felt (III) at Cantaocook, Lochmere, Sanbortan and Weare, New Hampshire. Also felt at Lacania, New Hampshire.
	06	16	03	21.7?	41.16	N	23.20	E	10 G			0.3	4	GREECE-BULGARIA BORDER REGION. MD 2.0 (THE).
	06	16	28	38.8%	42.085	N	13.968	E	10 G			0.5	5	CENTRAL ITALY
	06	16	30	05.5%	42.180	N	13.880	E	10 G			1.0	5	CENTRAL ITALY
	06	16	39	10.9	42.135	N	13.990	E	10 G			1.1	9	CENTRAL ITALY. MD 3.3 (LJU).
	06	17	05	47.4&	43.300	N	71.570	W	5 G				2	VERMONT-NEW HAMPSHIRE REGION. <WES-P>. mbLg 2.3 (WES). Felt at Henniker, New Hampshire.
a	06	17	19	08.3	51.171	N	177.872	W	33 N	5.3	5.2	1.0	255	ANDREANOF ISLANDS, ALEUTIAN IS. ML 5.0 (PMR). Felt (IV) on Adak.
	06	17	27	11.2*	6.492	S	147 952	E	60 *	4.7		1.2	13	EASTERN NEW GUINEA REG., P.N.G.
	06	18	58	32.9	37.620	N	141.462	E	93	4.6		1.2	38	NEAR EAST COAST OF HONSHU, JAPAN
	06	19	31	23.8&	34.643	N	116.518	W	6				10	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	06	20	31	08.9	52.481	N	158.745	E	71	4.8		0.8	60	NEAR EAST COAST OF KAMCHATKA
	06	21	32	04 1&	34.198	N	116.435	W	1				17	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.7 (PAS).
	06	21	34	40.9*	34.193	N	5.893	W	10 G			1.2	5	MOROCCO. MD 3.7 (RBA). mbLg 3.0 (MDD).
	06	21	52	46.3	43.033	N	0.522	W	10 G			0.7	10	PYRENEES. ML 2.7 (LDG).
	06	22	21	35.6	43.014	N	0.012	E	10 G			0.7	6	FRANCE. Felt (III) near Bagneres de Bigorre.
	06	22	48	51.8%	40.071	N	23.737	E	10 G			0.7	6	GREECE
	06	23	14	02.9%	39.344	N	29.013	E	29 *			0.6	8	TURKEY
	07	00	01	45.7*	3.188	N	128.208	E	66 ?	4.9		0.9	11	NORTH OF HALMAHERA, INDONESIA
	07	01	21	41 5?	16.98	N	62.28	W	126 ?			0.4	8	LEEWARD ISLANDS. MD 2.8 (TRN).
	07	02	18	24.9&	36.282	N	117.471	W	6 G				11	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 2.9 (PAS).
	07	02	19	46.3?	39.54	N	23.27	E	10 G			0.1	4	AEGEAN SEA
	07	03	26	41.1&	34.941	N	116.932	W	1				11	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	07	03	31	41.1	40.113	N	143.472	E	20	4.8	3.9	0.8	28	OFF EAST COAST OF HONSHU, JAPAN
	07	04	01	58.2	39.256	N	21.823	E	5 G			1.0	16	GREECE. ML 3.1 (ATH). MD 2.9 (THE).
	07	04	02	35.1*	51.233	N	15.867	E	10 G			0.5	7	POLAND
	07	05	09	29.7?	3.49	S	82.51	W	73 ?			1.1	10	OFF COAST OF NORTHERN PERU
	07	08	05	53.0*	15.128	S	173.720	W	33 N	4.8	4.1	1 0	18	TONGA ISLANDS

	07	08 35 01.9	21.019	N	121.120	E	43	•	4.5		1.3	19	TAIWAN REGION
	07	08 35 09.8•	44.386	N	114.128	W	5	G			1.2	8	WESTERN IDAHO. ML 3.5 (BUT).
	07	09 25 19.9%	32.730	S	71.713	W	10	G			0.6	11	NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).
	07	09 34 14.3	20.948	N	121.052	E	34		4.7	4.0	1.3	57	PHILIPPINE ISLANDS REGION
	07	09 40 18.7%	38.434	S	175.937	E	206	•			0.6	33	NORTH ISLAND, NEW ZEALAND
	07	09 44 12.5%	36.367	S	177.986	E	314	?			0.7	32	OFF E. COAST OF N. ISLAND, N.Z.
	07	09 48 38.8%	32.727	S	70.323	W	100	G			0.3	10	CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
	07	10 00 18.8•	6 511	S	105.357	E	40	D	5.2	3.8	1.0	26	SUNDA STRAIT
	07	10 12 46.7?	40.61	N	23.01	E	10	G			0.3	4	GREECE. MD 1.4 (THE).
	07	11 19 46.8%	39.363	N	27.891	E	10	G			0.6	11	TURKEY
	07	11 43 41.6%	40.622	N	29.877	E	10	G			0.2	6	TURKEY
	07	11 47 07.4%	39.308	N	28.063	E	10	G			0.8	10	TURKEY
	07	12 19 36.8?	22.95	S	66.11	W	269	?			1.5	6	JUJUY PROVINCE, ARGENTINA
	07	13 04 28.3&	35.972	N	120.527	W	6					10	CENTRAL CALIFORNIA. <GM-P>. MD 2.8 (GM). ML 2.7 (PAS).
	07	13 19 49.6•	42.536	N	23.969	E	10	G			0.7	8	BULGARIA. MD 2.8 (THE).
	07	14 54 15.8%	38.090	S	176.155	E	215	•			0.6	29	NORTH ISLAND, NEW ZEALAND
	07	14 58 22.0•	50.269	N	18.974	E	10	G			0.6	5	POLAND. ML 3.3 (WAR).
	07	15 35 20.8•	66.962	N	20.888	E	10	G			0.5	5	SWEDEN. MD 3.5 (BER).
	07	15 44 26.6	54.564	N	161.045	W	33	N	5.0	4.2	0.7	90	ALASKA PENINSULA. ML 4.3 (PMR). Felt (III) at Sand Point.
	07	15 49 30.6•	21.142	S	66.997	W	174	?			0.4	7	SOUTHERN BOLIVIA
	07	16 11 38.8	51.221	N	177.859	W	33	N	4.7	4.0	1.0	79	ANDREANOF ISLANDS, ALEUTIAN IS.
	07	16 27 29.4	1.712	N	125.946	E	33	N	5.3		1.1	16	NORTHERN MOLUCCA SEA
	07	17 04 15.6•	60.524	N	4.734	E	10	G			0.4	7	SOUTHERN NORWAY. ML 1.4 (NAO). MD 1.6 (BER).
	07	17 04 41.7	42.035	N	20.059	E	10	G			0.9	16	NORTHWESTERN BALKAN REGION. ML 2.6 (TTG), 2.5 (TIR).
	07	17 19 16.9	31.089	S	68.220	W	122	•			0.8	20	SAN JUAN PROVINCE, ARGENTINA. MD 3.9 (SAN).
	07	17 26 17.3&	33.190	N	115.602	W	3					13	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS).
	07	20 03 45.8	46.841	N	7.267	E	10	G			0.9	9	SWITZERLAND. ML 2.2 (LDG).
	07	20 27 08.5%	39.352	N	27.887	E	10	G			0.3	5	TURKEY
	07	20 54 22.2?	31.93	S	70.94	W	90	G			0.3	9	CHILE-ARGENTINA BORDER REGION. MD 3.8 (SAN).
	07	21 41 14.2	30.550	N	35.209	E	10	G			0.7	18	DEAD SEA REGION. MD 4.0 (RYD).
	07	21 41 33.0&	34.582	N	116.622	W	5					8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	07	22 24 36.5?	10.35	N	59.95	W	90	G			0.5	7	NORTH ATLANTIC OCEAN. MD 3.7 (TRN).
	07	22 58 41.8%	44.350	N	7.293	E	10	G			0.3	5	NORTHERN ITALY. ML 1.9 (LDG).
	07	23 58 26.5%	31.809	S	69.712	W	140	G			0.5	11	SAN JUAN PROVINCE, ARGENTINA. MD 3.7 (SAN).
	08	00 06 47.0%	41.193	N	28.552	E	10	G			0.3	7	TURKEY
	08	00 27 10.5?	36.80	N	143.96	E	21	D	4.2	4.1	1.4	20	OFF EAST COAST OF HONSHU, JAPAN
	08	01 50 54.7?	11.70	N	87.15	W	10	G	3.9		1.5	7	NEAR COAST OF NICARAGUA
	08	01 58 33.9&	61.704	N	148.036	W	36					53	SOUTHERN ALASKA. <AEIC>. ML 2.8 (AEIC).
	08	02 07 30.2	44.603	N	7.243	E	10	G			0.4	26	NORTHERN ITALY. ML 2.9 (LDG), 2.7 (GEN).
	08	02 58 42.8	31.627	S	69.057	W	143	•			1.1	24	SAN JUAN PROVINCE, ARGENTINA. MD 4.3 (SAN).
	08	03 50 56.8•	50.246	N	18.939	E	10	G			1.5	5	POLAND. ML 2.7 (WAR).
	08	03 54 40.0&	61.759	N	150.725	W	56					67	SOUTHERN ALASKA. <AEIC>. ML 3.3 (AEIC), 3.2 (PMR).
	08	03 56 36.6%	33.278	S	70.985	W	70	G			0.3	11	CHILE-ARGENTINA BORDER REGION. MD 3.8 (SAN).
	08	05 17 53.2	31 315	N	35.522	E	10	G			1.0	20	DEAD SEA REGION
	08	05 34 00.6	33.529	S	68.327	W	5	G			0.9	20	MENDOZA PROVINCE, ARGENTINA. MD 4.0 (SAN).
	08	05 47 40.1•	23.657	S	68.402	W	33	N			1.2	9	NORTHERN CHILE
	08	07 40 34.1&	34.979	N	116.947	W	4					8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	08	08 38 02.9%	39 234	N	27.810	E	10	G			0.2	5	TURKEY
	08	09 47 43.1?	35.75	S	71.69	W	120	G			0.2	10	CENTRAL CHILE. MD 4.0 (SAN).
	08	09 49 48.4	45 957	N	143.246	E	311			4.8	0.9	146	HOKKAIDO, JAPAN REGION
	08	09 53 02.2&	57 556	N	142.674	W	10	G				40	GULF OF ALASKA. <AEIC>. ML 3.4 (AEIC).
	08	11 46 42.4•	19.205	S	69.397	W	234	?			0.2	7	NORTHERN CHILE
	08	12 31 57.6?	34.59	S	178.59	W	33	N	3.7		0.9	7	SOUTH OF KERMADEC ISLANDS
	08	13 09 04.8•	31.440	S	68.623	W	100	G			0.6	8	SAN JUAN PROVINCE, ARGENTINA
	08	14 27 55.3	38.747	N	38.503	E	10	G	4.0		1.4	15	*TURKEY. Slight damage to some buildings in the* Agin-Kebon area. Also felt in the Malatya vicinity.
	08	14 36 57.3?	42.90	S	76.80	W	33	N	4.7		0.9	11	OFF COAST OF SOUTHERN CHILE
o	08	16 34 53.2	51.147	N	177.872	W	21	D	5.6	5.8	1.0	430	ANDREANOF ISLANDS, ALEUTIAN IS. ML 5.4 (PMR). Mo=7.9•10••17 Nm (PPT). Felt (IV) on Adak.
	08	17 35 41.2	24.353	S	67.108	W	179		4.8		1.3	43	CHILE-ARGENTINA BORDER REGION
	08	17 44 59.0&	36.086	N	117.676	W	3					27	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 3.7 (PAS), 3.5 (GS). Felt at Darwin, California.
	08	18 10 55.4&	36 086	N	117.675	W	4					15	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 2.9 (PAS).
	08	18 20 01.0	39.987	N	23.204	E	10	G			0.4	9	AEGEAN SEA. MD 2.2 (THE).
	08	18 32 03.4%	36.573	N	29.156	E	10	G			0.3	5	TURKEY
	08	18 37 28.8	13.377	N	120.913	E	58	D	4.9		1.1	76	MINDORO, PHILIPPINE ISLANDS
	08	19 00 50.1•	34.969	S	179.134	W	33	N	4.2		1.4	15	SOUTH OF KERMADEC ISLANDS
	08	19 42 39.2	51.049	N	177.881	W	33	N	4.8		1.0	30	ANDREANOF ISLANDS, ALEUTIAN IS.
	08	22 32 36.9•	31.506	S	68.217	W	96	?			0.4	7	SAN JUAN PROVINCE, ARGENTINA
	08	23 18 19.0•	46.197	N	7.488	E	10	G			0.9	5	SWITZERLAND
	09	00 20 31.1&	36 938	N	121.700	W	12					21	CENTRAL CALIFORNIA. <BRK>. ML 3.4 (BRK). MD 3.3 (GM). Mo=4.1•10••14 Nm (BRK). Felt (IV) at Aptos, Corralitos, Gilroy, La Selva Beach and Watsonville.
	09	00 42 01.2	51.130	N	177 955	W	33	N	4.6		0.9	70	ANDREANOF ISLANDS, ALEUTIAN IS.
	09	01 10 57.4	51 169	N	177.923	W	33	N	4.6		0.9	61	ANDREANOF ISLANDS, ALEUTIAN IS.
	09	01 38 31.7%	43.025	N	18.892	E	10	G			0.5	7	NORTHWESTERN BALKAN REGION. ML 1.7 (TTG).
	09	02 23 48.8&	40.462	N	124.302	W	20					54	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.5 (BRK), 3.5 (GS). MD 3.7 (GM). Felt (IV) at Petrolia; (III) at Eureka, Ferndale and Rio Dell; (II) at Arcata. Also felt at Benbow, Honeydew, Panther Gap and Whitethorn.
	09	02 29 56.9?	5.14	S	143.98	E	33	N			1.2	5	NEW GUINEA, PAPUA NEW GUINEA
	09	02 44 55.1?	48.14	N	9.22	E	10	G			0.8	5	GERMANY. ML 2.3 (LDG).
	09	04 43 02.5&	38.818	N	122.822	W	2					18	NORTHERN CALIFORNIA. <BRK>. ML 3.2 (BRK), 2.9 (GS). MD 3.0 (GM).
	09	05 22 25.4&	34.927	N	116.916	W	0					14	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	09	07 08 48.9?	41.17	N	1.86	E	10	G			0.1	4	SPAIN. ML 3.1 (LDG). mbLg 3.2 (MDD).
	09	08 40 22.3•	22.953	S	68.104	W	162	•			1.3	14	NORTHERN CHILE
	09	09 16 36.1&	60.955	N	150.414	W	32					8	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.2 (AEIC).
a	09	09 34 51.0	0.936	S	15.966	W	10	G	5.3	4.9	1.0	127	NORTH OF ASCENSION ISLAND
	09	09 54 55.8?	40.20	N	124.29	W	10	G			0.1	4	NEAR COAST OF NORTHERN CALIF. ML 3.0 (GS).
	09	09 55 45.4?	40.65	N	23.03	E	10	G			0.5	4	GREECE
	09	10 12 29.7%	42.358	N	7.889	W	10	G			1.0	5	SPAIN. mbLg 3.4 (MDD). Felt (III) in the Orense area.

	09	10	15	49.5*	1.550	S	15.366	W	10	G	4.6	4.8	0.9	30	NORTH OF ASCENSION ISLAND
	09	11	20	29.6?	47.15	N	12.28	E	10	G			0.4	5	AUSTRIA
	09	11	28	47.4*	37.797	S	176.273	E	225	?			0.6	24	NORTH ISLAND, NEW ZEALAND
a	09	12	16	54 6	51.552	N	176.867	W	33	N	5.3	4.9	1.2	192	ANDREANOF ISLANDS, ALEUTIAN IS. ML 5.2 (PMR). Ms 5.2 (BRK). Felt (IV) on Adok.
	09	12	41	48.0?	42.54	N	23.85	E	10	G			0.4	6	BULGARIA. MD 2.6 (THE).
	09	12	45	47.3	4.219	S	127.656	E	229		5.0		1.0	45	BANDA SEA
	09	12	54	45.2*	34.708	N	30.423	E	10	G			0.9	8	EASTERN MEDITERRANEAN SEA. ML 2.9 (CSS).
	09	13	21	36.3*	34.526	N	30.332	E	10	G			0.5	10	EASTERN MEDITERRANEAN SEA. ML 3.2 (CSS).
	09	13	25	43.3?	42.05	N	23.62	E	10	G			0.4	6	BULGARIA. MD 2.7 (THE).
	09	13	36	31.2?	30.72	S	68.60	W	10	G			0.5	5	SAN JUAN PROVINCE, ARGENTINA
	09	13	54	04.0	38.254	N	20.588	E	10	G			0.9	14	GREECE. MD 3.4 (THE), 3.3 (ATH).
	09	14	42	20.9	51.196	N	177.976	W	33	N	4.6		0.9	60	ANDREANOF ISLANDS, ALEUTIAN IS.
	09	14	48	07.0?	35.10	S	178.81	W	33	N	3.7		0.4	7	EAST OF NORTH ISLAND, N.Z.
	09	16	25	17.6&	60.094	N	149.231	W	9		3.9			104	KENAI PENINSULA, ALASKA. <AEIC>. ML 4.1 (AEIC), 4.2 (PMR). Felt (IV) at Cooper Landing, Moose Poss and Seward; (III) at Anchorage and Eagle River.
	09	17	29	32.7&	35.095	N	116.518	W	0					11	CENTRAL CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	09	17	34	59.2?	48.20	N	155.22	E	33	N	4.6		0.5	10	KURIL ISLANDS
	09	17	49	09.2	6.379	S	147.728	E	55	*	4.3		1.0	14	EASTERN NEW GUINEA REG., P.N.G.
	09	18	24	13 2	15.362	N	146.917	E	33	D	4.7	4.3	1.1	42	MARIANA ISLANDS
	09	18	29	19 2&	59.507	N	152.957	W	105					46	SOUTHERN ALASKA. <AEIC>.
	09	19	26	17.4?	42.76	N	1.56	E	10	G			1.3	7	PYRENEES. ML 2.7 (LDG).
	09	20	58	46.3	33.061	S	70.324	W	100	G			1.0	23	CHILE-ARGENTINA BORDER REGION. MD 4.1 (SAN).
	09	21	37	18.0	18.508	N	63.439	W	65		4.5		1.0	49	LEEWARD ISLANDS. MD 4.7 (TRN). Felt (IV) on St. Martin and St. Barthelemy.
	09	22	51	26.4%	40.697	N	27.432	E	10	G			0.4	8	TURKEY
	09	23	10	01.7?	8.22	S	76.22	W	100	G	4.5		1.2	9	CENTRAL PERU
	09	23	19	25.8*	1.356	N	129.540	E	23	D	4.7	4.3	1.2	16	HALMAHERA, INDONESIA
	09	23	19	29.8	11.971	N	87.959	W	20	D	4.8	4.5	1.1	55	NEAR COAST OF NICARAGUA
	09	23	45	18.3*	3.094	S	129.822	E	58	?	4.8	4.3	1.1	20	SERAM, INDONESIA
	10	00	34	47.3*	1.240	N	129.093	E	33	N	4.8		1.3	14	HALMAHERA, INDONESIA
	10	00	50	08.0*	35.875	N	10.470	W	33	N			1.0	12	NORTH ATLANTIC OCEAN. MD 3.5 (RBA). mbLg 3.0 (MDD).
	10	00	53	11.6*	10.765	N	59.762	W	12		4.6		0.7	13	NORTH ATLANTIC OCEAN. MD 4.1 (TRN).
	10	01	00	20.1	26.013	S	70.730	W	34	D	5.2	4.3	1.2	101	NEAR COAST OF NORTHERN CHILE
	10	02	54	28.3	11.074	N	62.075	W	137	?			0.6	15	WINDWARD ISLANDS. MD 3.8 (TRN).
	10	02	59	32.6%	38.240	S	176.138	E	200	*			0.7	23	NORTH ISLAND, NEW ZEALAND
	10	03	34	04.0*	17.758	N	101.837	W	43	?			1.2	11	NEAR COAST OF GUERRERO, MEXICO
	10	04	00	58.2	54.454	N	162.715	E	25	D	4.8	4.4	1.2	86	NEAR EAST COAST OF KAMCHATKA
	10	04	21	01.6	24.065	S	67.065	W	210	*	4.7		0.9	16	CHILE-ARGENTINA BORDER REGION
	10	04	32	03.7%	39.414	N	26.015	E	10	G			0.5	7	TURKEY
	10	05	15	09.8?	15.40	N	60.53	W	33	N			0.2	5	LEEWARD ISLANDS. ML 2.8 (FDF).
	10	05	52	27.2	25.923	S	70.844	W	32	D	5.2	4.3	1.3	109	NEAR COAST OF NORTHERN CHILE
	10	06	17	33.0?	38.92	N	22.81	E	10	G			0.4	7	GREECE. MD 2.9 (THE).
	10	07	25	26 5&	19.701	N	154.998	W	48		4.0			62	HAWAII. <HVO-P>. MD 4.5 (HVO). Felt (IV) at Hokolau, Honokoo and Papaoloa. Felt (III) at Hilo, Holualoo, Ninole, Poholo, Papoikou and Pepeekeo. Also felt at Glenwood, Loupahoehoe, Paouilo and Volcano.
	10	08	09	47.9*	5.595	N	78.083	W	33	N	4.6	4.5	1.4	16	SOUTH OF PANAMA
	10	09	13	08 3?	35.55	N	23.52	E	10	G	3.3		1.3	14	CRETE
	10	09	26	19.0	1.227	N	129.181	E	45	*	4.8	4.4	1.3	26	HALMAHERA, INDONESIA
	10	09	32	15.6	41.635	N	22.329	E	10	G			0.6	11	NORTHWESTERN BALKAN REGION. ML 2.1 (SKO). MD 2.1 (THE).
a	10	09	50	11.6	20.656	S	173.138	W	37	D	5.2	4.6	1.1	123	TONGA ISLANDS
	10	10	24	15 0%	33.907	S	70.532	W	100	G			0.1	11	CHILE-ARGENTINA BORDER REGION. MD 3.9 (SAN).
	10	11	56	31.7	7.173	S	148.726	E	57	*	4.6	4 5	1.1	27	EASTERN NEW GUINEA REG., P.N.G.
	10	11	57	29.2%	40.341	N	23.606	E	10	G			0.4	5	GREECE. MD 1.7 (THE).
	10	12	19	12.1*	51.252	N	15.749	E	5	G			1.2	9	POLAND. MG 3.0 (WAR).
	10	12	59	46.3	41.783	N	22.898	E	10	G			0.4	9	NORTHWESTERN BALKAN REGION. MD 2.5 (THE).
	10	13	19	42.6*	57.810	N	156 199	W	10	G			1.1	22	ALASKA PENINSULA. ML 3.9 (AEIC), 3.6 (PMR).
	10	13	39	00.8%	17.321	N	100 085	W	10	G			1.1	7	GUERRERO, MEXICO
	10	13	45	00 8&	63.250	N	151 045	W	12					28	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC).
a	10	15	10	50.0	10.167	S	161.171	E	111		5.0		0.9	93	SOLOMON ISLANDS
	10	15	40	56.2	42.819	N	108.242	W	5	G			1.0	25	WYOMING. ML 4.0 (GS), 4.0 (BUT). Felt (III) at Hudson and Lander.
	10	17	54	52 2&	37.993	N	118 580	W	8					37	CALIFORNIA-NEVADA BORDER REGION. <BRK>. ML 4.1 (BRK), 4.1 (GS). Felt (III) at Benton, California.
	10	18	33	20.7?	33.26	N	33.05	E	10	G			0.7	9	EASTERN MEDITERRANEAN SEA. ML 3.4 (CSS).
	10	18	57	51.5*	37.245	N	20.959	E	33	N			0.9	15	IONIAN SEA. ML 3.8 (ATH). MD 3.5 (THE).
	10	22	53	13.9*	21.235	S	178.916	W	613	?	4.3		1.0	28	FIJI ISLANDS REGION
	10	23	45	12.5	23.251	S	179.202	E	560	D	4.9		1.0	93	SOUTH OF FIJI ISLANDS
	11	00	49	19.7%	33.105	S	70.341	W	90	G			0.5	9	CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).
	11	00	55	42 0*	27.206	N	111.782	W	10	G	4.2		1.1	21	GULF OF CALIFORNIA
	11	01	03	28.7*	0.954	N	128.722	E	99	?	4.9		1.1	26	HALMAHERA, INDONESIA
	11	01	11	18 1&	60.975	N	138.397	W	10	G				37	SOUTHERN YUKON TERRITORY, CANADA. <PGC-P>. ML 4.4 (PGC), 3.9 (PMR), 3.6 (AEIC). Felt at Silver City.
	11	02	03	25.6%	34.302	S	147.326	E	10	G	4.1		1.6	10	NEW SOUTH WALES, AUSTRALIA. ML 3.9 (RIV).
	11	02	16	44.9%	42.745	N	13.027	E	10	G			0.3	5	CENTRAL ITALY
	11	02	29	31.3?	41.25	S	172.69	E	183	?			0.3	17	SOUTH ISLAND, NEW ZEALAND
	11	03	57	54 2&	35.995	N	117.872	W	3					18	CENTRAL CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	11	05	26	52 9*	19.090	S	167.654	E	33	N	4.1		0.8	5	VANUATU ISLANDS REGION
	11	07	27	52.9	51.669	N	178.134	E	75	D	4.0		1.0	25	RAT ISLANDS, ALEUTIAN ISLANDS
	11	07	39	37.5*	15.262	N	91.293	W	21	D	4.5		1.4	18	MEXICO-GUATEMALA BORDER REGION
	11	08	17	24.1%	40.622	N	22 048	E	10	G			0.8	5	GREECE
	11	08	45	07 2?	16.91	N	60.77	W	33	N			0.9	7	LEEWARD ISLANDS. MD 3.1 (TRN).
	11	09	51	57 0%	33.287	S	70.846	W	59	?			0.2	9	CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).
	11	10	18	45 0%	61.745	N	5 476	E	10	G			0.2	5	SOUTHERN NORWAY. MD 2.1 (BER).
	11	10	28	58.9*	43.000	N	0.187	E	10	G			1.2	8	FRANCE. ML 2.8 (LDG).
	11	10	39	23.3*	2.906	S	142.183	E	32	*	4.1		1.6	10	NEAR N COAST OF NEW GUINEA, PNG.
	11	10	41	48.8?	36.54	N	1.78	W	10	G			0.5	4	WESTERN MEDITERRANEAN SEA. mbLg 3.1 (MDD).
	11	11	08	20.7%	37.963	N	0.643	W	10	G			0.7	7	SPAIN. mbLg 3.1 (MDD). Felt (IV) in the Torrevieja area.
	11	11	13	43.4?	20.53	S	178.49	W	550	G	4.3		1.0	19	FIJI ISLANDS REGION
	11	11	59	32.7%	17.977	N	76.498	W	10	G			0.2	5	JAMAICA REGION. MD 2.7 (HOJ).

	11	12	12	51.5?	17.59	N	61.91	W	26	*			0.3	7	LEEWARD ISLANDS. ML 2.5 (FDF).
	11	12	30	53.0?	17.55	N	61.88	W	33	N			0.5	4	LEEWARD ISLANDS. MD 3.3 (TRN).
	11	12	38	12.4&	34 944	N	116.798	W	3		4.0			40	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.5 (PAS), 4.5 (BRK), 4.2 (GS). Felt (IV) at Apple Valley, Barstaw and Rialto. Felt (III) at Beaumont and Morena Valley.
	11	12	44	58.1%	61.432	N	4.837	E	10	G			1.1	5	SOUTHERN NORWAY. MD 1.8 (BER).
	11	13	14	44.8?	24.28	S	179.24	W	500	G	4.6		1.3	19	SOUTH OF FIJI ISLANDS
	11	14	00	50.0?	30.84	S	117.07	E	10	G			0.3	4	WESTERN AUSTRALIA
	11	14	16	33.8&	35.003	N	116.951	W	6					13	CENTRAL CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.6 (GS).
	11	14	50	07.2	27.621	N	111.453	W	10	G	4.7	4.8	1.1	72	GULF OF CALIFORNIA
	11	14	58	55.6&	60.938	N	146.915	W	20					55	SOUTHERN ALASKA. <AEIC>. ML 2.8 (AEIC).
	11	14	59	22.8*	38.249	N	20.6B1	E	10	G			1.2	20	GREECE. MD 3.5 (ATH), 3.3 (THE).
	11	15	05	17.3	38.394	S	176.024	E	150	G			1.2	27	NORTH ISLAND, NEW ZEALAND
	11	15	19	14.6*	33.109	S	68.823	W	10	G			0.9	14	MENDOZA PROVINCE, ARGENTINA MD 3.7 (SAN).
	11	15	46	39.3%	21.876	S	126.551	E	10	G			1.4	5	WESTERN AUSTRALIA
	11	15	51	45.2%	40.206	N	28.793	E	10	G			0.5	6	TURKEY
	11	15	59	56.6*	39.520	N	20.022	E	12				0.9	16	GREECE-ALBANIA BORDER REGION. MD 3.3 (ATH), 3.0 (THE).
	11	16	30	05.5&	59.611	N	153.182	W	101					94	SOUTHERN ALASKA. <AEIC>.
	11	16	46	47.8?	45.25	N	7.79	E	10	G			0.9	5	NORTHERN ITALY. ML 1.9 (GEN).
	11	16	59	29.8	24.878	N	122.777	E	133		4.7		1.0	66	TAIWAN REGION
	11	17	31	53.2*	3.610	N	127.308	E	59	*	4.6		1.3	17	TALAUD ISLANDS, INDONESIA
	11	17	40	51.9?	51.19	N	15.73	E	10	G			1.3	5	POLAND
	11	18	13	08.5?	37.12	N	28.23	E	10	G			1.5	5	TURKEY
	11	19	12	33.8%	38.004	N	27.818	E	10	G			1.1	7	TURKEY
f	11	19	24	26.2	19.247	S	168.948	E	129	G	6.4	6.8	1.1	605	VANUATU ISLANDS. Ms 7.2 (BRK). Mo=4.0*10**20 Nm (PPT). Felt (VIII) on Erromanga and Tanna; (VI) at Part Vila. Twa events about 2.2 secands apart. Depth fram broadband displacement seismagrams, based an first event.
	11	20	01	22.4?	18.27	S	166.72	E	33	N			0.7	4	VANUATU ISLANDS REGION
	11	20	16	42.1?	37.94	N	27.70	E	10	G			0.7	5	TURKEY
	11	21	15	51.8?	53.47	N	169.84	W	33	N	3.9		1.0	9	FOX ISLANDS, ALEUTIAN ISLANDS. ML 4.4 (PMR).
	11	21	20	10.7*	42.518	N	1.503	E	10	G			0.9	6	PYRENEES. ML 2.5 (LDG).
	11	21	50	53.9?	43.29	S	81.85	W	10	G			1.4	13	WEST CHILE RISE
	11	22	24	08.0	38.379	N	21.847	E	10	G			0.9	13	GREECE. MD 3.2 (ATH), 2.7 (THE).
	11	22	34	54 9&	34 944	N	116.800	W	3					23	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.7 (PAS), 3.4 (GS). Felt (III) at Daggett.
	11	22	43	54.9*	11.544	N	86.922	W	33	N	4.6		1.2	32	NEAR COAST OF NICARAGUA
	11	23	09	52.1?	43.08	N	0.22	W	5	G			0.4	4	PYRENEES. ML 2.1 (LDG). Felt (II) in the Ossau Valley, France.
a	11	23	20	34.7	50.458	N	153.167	E	285	G	5.6		0.8	524	KURIL ISLANDS. Depth fram broadband displacement seismagrams.
	11	23	31	16.6?	34.92	S	179.73	E	207	?	4.6		1.5	29	SOUTH OF KERMADEC ISLANDS
	11	23	40	58.4?	20.49	S	168.27	E	33	N	4.3		1.6	13	LOYALTY ISLANDS
	11	23	53	33.7%	32.784	S	71.311	W	47	?			0.2	9	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
	12	00	02	10.2?	36.00	N	30.84	E	33	N			0.3	4	TURKEY. ML 2.9 (CSS).
	12	00	06	59.1?	11.16	N	62.04	W	33	N			1.2	5	WINDWARD ISLANDS. MD 2.8 (TRN).
	12	00	17	36 3&	34 942	N	116.804	W	3					14	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
	12	00	18	40.1?	43.84	N	7.16	E	10	G			1.1	4	NEAR SOUTH COAST OF FRANCE. ML 2.1 (LDG).
	12	01	11	57.6%	17.130	N	61.948	W	55	?			0.4	6	LEEWARD ISLANDS. MD 2.5 (TRN).
	12	02	34	25.1&	40.284	N	124.415	W	22					3	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 3.2 (GM).
	12	02	50	29.0?	22.92	S	66.43	W	248	*			0.8	12	JUJUY PROVINCE, ARGENTINA
	12	02	56	12.9?	13.54	N	91.88	W	33	N	4.4		1.3	8	NEAR COAST OF GUATEMALA
	12	03	17	38.8?	11.21	N	61.98	W	33	N			1.2	5	WINDWARD ISLANDS. MD 3.0 (TRN).
	12	03	38	19 2	36.744	N	71.481	E	33	N	5.1		0.6	16	AFGHANISTAN-TAJIKISTAN BORD REG.
	12	03	55	19.0	58.190	N	142.792	W	10	G			0.9	78	GULF OF ALASKA. ML 4.1 (PMR), 3.9 (PGC), 3.8 (AEIC).
	12	04	43	54.8*	32.284	S	71.020	W	71	?			0.6	13	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	12	06	10	39.9*	32.114	N	70.306	E	33	N			1.7	10	PAKISTAN
	12	06	46	55.6	19.462	S	176.786	W	300	D	4.9		1.1	100	FIJI ISLANDS REGION
	12	09	06	23 9&	59.976	N	152.786	W	90					53	SOUTHERN ALASKA. <AEIC>.
	12	09	35	18.0&	68.072	N	159.890	W	6		3.7			32	NORTHERN ALASKA. <AEIC>. ML 3.3 (AEIC), 3.7 (PMR).
	12	11	03	46.1&	61.095	N	150.735	W	45					58	SOUTHERN ALASKA. <AEIC>. ML 2.7 (AEIC).
	12	11	30	42.3*	27.965	S	67.146	W	278	?			0.8	18	CATAMARCA PROVINCE, ARGENTINA
	12	12	28	48 2%	43.831	N	9.945	E	10	G			1.1	6	CORSICA
f	12	13	09	55.5	29.778	N	31.144	E	22	G	5.9	5.3	1.2	527	EGYPT. MD 5.3 (HLW). At least 552 peaple killed, mare than 9,929 injured and 8,300 buildings damaged ar destrayed in the Cairo area. Preliminary estimates af damage abaut 300 millian U.S. dallars. Felt in much af Egypt fram Alexandria ta Aswan and in Israel fram Elat ta Tel Aviv and Jerusalem. Depth from broadband displacement seismagrams.
	12	14	01	54.1*	18.544	N	69.735	W	115	?			0.9	13	DOMINICAN REPUBLIC REGION
	12	14	25	43.1&	35.014	N	116.961	W	1					11	CENTRAL CALIFORNIA. <PAS-P>. ML 2.7 (PAS).
	12	15	25	20.9	29.720	N	31.096	E	10	G	4.1		1.0	16	EGYPT. MD 4.3 (HLW).
	12	16	41	33.2	4.644	S	125.442	E	450		4.6		1.1	32	BANDA SEA
	12	17	04	32.4	21.583	S	66.723	W	217		4.4		1.2	35	SOUTHERN BOLIVIA
	12	17	31	29.8?	31.45	S	69.73	W	130	G			0.7	9	SAN JUAN PROVINCE, ARGENTINA. MD 3.7 (SAN).
	12	17	58	32.6?	11.31	N	61.28	W	70	G			0.4	4	WINDWARD ISLANDS. MD 3.0 (TRN).
	12	18	08	24.5*	24.716	N	46.038	W	10	G	4.3		0.7	12	NORTHERN MID-ATLANTIC RIDGE
	12	18	56	38.3*	40.096	N	19.834	E	5	G			1.6	6	ALBANIA. ML 2.3 (TIR).
	12	18	59	28.0*	28.723	S	67.440	W	143	?			1.5	21	LA RIOJA PROVINCE, ARGENTINA
	12	19	33	42.7	45.552	N	26.468	E	103		4.7		1.2	193	ROMANIA. MD 4.5 (TTG), 4.3 (THE). Felt (IV) at Chisinau, Moldava.
	12	19	59	22.8*	43.018	N	2.623	W	10	G			1.0	12	SPAIN. ML 3.0 (LDG). mbLg 3 3 (MDD).
	12	21	29	00.3%	42 325	N	18.935	E	5	G			0.3	8	NORTHWESTERN BALKAN REGION. MD 1.8 (TTG).
	12	21	31	37.0*	29.618	N	31.377	E	10	G	3.4		1.5	9	EGYPT. MD 3.7 (HLW).
	12	22	02	27.6?	18.72	S	169.31	E	244	?	4.5		0.6	11	VANUATU ISLANDS. Felt at Part-Vila.
	12	22	18	01.2?	31.28	S	68.79	W	100	G			0.6	4	SAN JUAN PROVINCE, ARGENTINA
	12	23	13	29.5&	68.108	N	157.596	W	10	G	3.9			29	NORTHERN ALASKA. <AEIC>. ML 3.9 (AEIC), 3.5 (PMR).
	12	23	21	36.1?	9.25	S	109.51	E	33	N	4.7		0.9	10	SOUTH OF JAWA, INDONESIA
	12	23	42	09.2	5.017	N	32.021	E	33	N	4.6		1.3	25	SUDAN. mbLg 4.9 (BUL).
a	12	23	43	14.1	4.286	S	153.040	E	65	D	5.3		1.0	135	NEW IRELAND REGION, P.N.G.
	13	00	14	42.0&	35.522	N	117.472	W	6	G				15	CENTRAL CALIFORNIA. <PAS-P>. MD 3.5 (PAS). ML 3.1 (GS).

	13	00	15	20.0&	35.517	N	117.467	W	6	G			6	CENTRAL CALIFORNIA. <PAS-P>. MD 3.5 (PAS). ML 3.0 (GS).
	13	00	31	46.0?	39.25	N	25.77	E	10	G		0.9	6	AEGEAN SEA
	13	00	56	00.9?	17.83	N	62.03	W	33	N		0.5	4	LEEWARD ISLANDS. MD 3.7 (TRN).
	13	03	10	22.8	40.171	N	24.104	E	10	G		0.9	13	AEGEAN SEA. MD 2.6 (THE).
	13	04	03	24.4?	15.25	S	74.31	W	96	*	4.7	1.1	11	NEAR COAST OF PERU
	13	04	40	54.2*	51.397	N	15.799	E	10	G		1.4	6	POLAND. MG 2.8 (WAR).
	13	05	20	26.7?	37.63	S	178.14	E	33	N		1.1	4	OFF E. COAST OF N. ISLAND, N.Z. ML 3.8 (WEL).
	13	06	04	16.6	37.235	N	20.758	E	39		4.7	1.1	112	IONIAN SEA. MD 4.5 (ATH), 4.4 (THE).
	13	07	30	34.1?	10.59	N	62.11	W	33	N		0.1	4	NEAR COAST OF VENEZUELA. MD 2.9 (TRN).
	13	07	59	01.7	28.343	S	67.556	W	151		4.8	1.2	35	LA RIOJA PROVINCE, ARGENTINA
	13	08	07	17.9&	34.578	N	116.319	W	6	G			13	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 2.8 (GS).
	13	08	29	40.1?	31.23	S	68.58	W	93	?		0.5	6	SAN JUAN PROVINCE, ARGENTINA
	13	09	18	01.8&	59.823	N	153.351	W	120				64	SOUTHERN ALASKA. <AEIC>.
	13	09	34	57.3?	35.73	N	70.57	E	33	N	4.4	0.3	8	HINDU KUSH REGION, AFGHANISTAN
	13	09	49	08.5	40.433	N	19.967	E	17		4.0	1.3	52	ALBANIA. MD 4.1 (ATH), 3.5 (THE). ML 3.7 (TIR), 3.6 (TTG).
	13	09	55	13.8	40.943	N	22.868	E	10	G		0.3	6	GREECE. MD 1.9 (THE). ML 1.7 (SKO).
	13	09	58	39.2*	40.459	N	19.747	E	10	G		1.7	13	ALBANIA. ML 3.0 (TIR). MD 2.8 (THE).
	13	10	07	05.6?	40.62	N	20.39	E	10	G		0.5	7	GREECE-ALBANIA BORDER REGION
	13	10	15	41.0%	43.075	N	0.638	W	10	G		0.3	5	PYRENEES. ML 1.0 (STR).
	13	12	09	52.8%	43.091	N	0.617	W	5	G		0.3	6	PYRENEES. ML 1.0 (STR).
	13	12	14	53.5*	51.252	N	15.808	E	10	G		1.2	9	POLAND. MG 2.8 (WAR).
	13	12	53	50.7	1.428	N	129.353	E	22	D	4.9	1.1	23	HALMAHERA, INDONESIA
	13	13	02	04.1*	12.393	N	141.539	E	33	N	4.9	1.3	11	SOUTH OF MARIANA ISLANDS
	13	13	30	01.7	39.935	N	24.141	E	10	G		1.2	18	AEGEAN SEA. MD 2.8 (THE).
	13	13	36	04.4*	36.154	N	73.908	E	33	N	4.5	0.9	10	NORTHWESTERN KASHMIR
	13	14	52	48.7%	37.660	S	176.841	E	10	G		1.1	11	NORTH ISLAND, NEW ZEALAND. ML 3.7 (WEL).
	13	15	30	37.8	37.776	N	21.912	E	10	G	4.0	1.0	21	SOUTHERN GREECE. MD 3.7 (ATH), 3.4 (THE).
	13	15	57	03.0&	34.625	N	116.668	W	8				15	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.0 (GS). Felt (II) at Daggett.
	13	15	58	39.4&	37.438	N	118.556	W	11				10	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.1 (GM). ML 2.8 (GS).
	13	16	11	36.3?	7.24	S	146.07	E	168	?	4.2	1.0	6	EASTERN NEW GUINEA REG., P.N.G.
	13	16	22	11.7?	4.79	N	32.11	E	33	N	4.7	1.1	15	SUDAN. mbLg 5.0 (BUL)
	13	17	20	44.8	21.614	N	120.971	E	35	D	4.5	1.0	21	TAIWAN REGION
	13	18	09	03.0?	29.69	N	31.04	E	10	G		1.7	9	EGYPT. MD 3.7 (HLW).
	13	18	26	29.4	42.624	N	19.151	E	20	*		0.3	10	NORTHWESTERN BALKAN REGION. MD 2.5 (TTG).
	13	18	58	06.7&	68.429	N	67.289	W	18	G	4.4		17	BAFFIN ISLAND REGION, CANADA. <OTT-P>. mbLg 4.8 (OTT).
	13	19	01	40.8%	47.314	N	7.505	E	10	G		0.3	5	SWITZERLAND. ML 2.2 (LDG).
	13	19	25	52.8?	37.15	N	27.75	E	10	G		1.5	4	TURKEY
	13	19	59	49.5	31.909	S	69.373	W	140	*		0.6	17	SAN JUAN PROVINCE, ARGENTINA. MD 3.7 (SAN)
	13	20	14	20.4&	59 905	N	151.206	W	63				74	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.8 (AEIC).
	13	20	28	52.0&	33 998	N	116.328	W	9				7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	13	21	02	12.7&	32.295	N	115.154	W	6	G			6	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 2.8 (PAS).
	13	21	10	55.1	21.587	N	120.879	E	33	N	4.6 4.2	1.2	22	TAIWAN REGION
	13	21	31	54.3*	39.160	S	178.268	E	48	*		1.3	16	OFF E. COAST OF N. ISLAND, N.Z.
	13	22	07	31.2*	14 248	N	119.373	E	33	N	4.3	0.6	8	LUZON, PHILIPPINE ISLANDS
	13	22	15	15.6%	31.577	S	68.040	W	33	N		1.2	6	SAN JUAN PROVINCE, ARGENTINA
	13	22	42	56.8*	31.531	S	71.986	W	33	N		0.5	15	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	13	23	13	50.5	53.827	N	163.452	W	33	N	4.8	1.2	104	UNIMAK ISLAND REGION. ML 4.5 (PMR).
	13	23	30	52.1	30.599	N	35.387	E	10	G		0.8	7	DEAD SEA REGION
	13	23	58	24.9%	37.664	S	176.874	E	22			0.9	13	NORTH ISLAND, NEW ZEALAND. ML 3.8 (WEL).
	14	00	55	19.7&	62.380	N	151.023	W	71				11	CENTRAL ALASKA. <AEIC>.
a	14	01	36	18.7*	59.581	S	25.979	W	33	N	5.0 4.8	1.0	27	SOUTH SANDWICH ISLANDS REGION
	14	01	54	13.2&	35.077	N	117.003	W	4				17	CENTRAL CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.2 (GS).
	14	03	33	03.5	4.443	S	132.964	E	20	D	4.8	1.5	39	IRIAN JAYA REGION, INDONESIA
	14	03	50	15.6*	30.088	N	31.277	E	10	G		1.7	14	EGYPT. ML 4.1 (CSS). MD 3.7 (HLW).
	14	04	15	36.2	24.332	N	123.886	E	33	N	4.6	1.3	52	SOUTHWESTERN RYUKYU ISLANDS. ML 4.1 (BJI).
	14	04	32	18.0&	34.003	N	116.348	W	1				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.7 (GS).
	14	05	19	58.2*	17.636	S	178.726	W	550	G	4.7	1.1	28	FIJI ISLANDS REGION
	14	05	36	45.5*	35 404	N	139.971	E	33	N	3.8	1.2	11	NEAR S. COAST OF HONSHU, JAPAN
	14	05	48	05.7*	57 891	S	23.559	W	33	N	4.8	1.4	21	SOUTH SANDWICH ISLANDS REGION
	14	06	08	17.9%	47.341	N	1.007	E	10	G		1.3	14	FRANCE. ML 2.2 (LDG).
	14	06	54	30.6%	34.274	S	70.082	W	10	G		0.5	10	CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
	14	07	23	51.1	41.095	N	22.453	E	10	G		0.4	7	NORTHWESTERN BALKAN REGION. MD 2.1 (THE). ML 1.6 (SKO).
	14	07	45	34.5?	43.49	N	143.89	E	33	N	4.4	1.1	8	HOKKAIDO, JAPAN REGION
a	14	07	56	20.4	46.476	N	153.618	E	41	D	5.2 4.8	1.1	226	KURIL ISLANDS
	14	09	40	24.9*	29.728	N	31.184	E	10	G	3.7	1.1	15	EGYPT. MD 3.9 (HLW).
	14	09	41	22.7	31.820	S	69.110	W	125		4.1	0.9	26	SAN JUAN PROVINCE, ARGENTINA. MD 4.3 (SAN).
	14	09	47	37.7&	34.632	N	116.662	W	5				10	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	14	10	41	58.2?	4.61	S	133.96	E	33	N	4.7	1.3	6	IRIAN JAYA REGION, INDONESIA
	14	11	01	51.4?	40.83	N	25.28	E	10	G		1.0	6	AEGEAN SEA
	14	11	40	18 0&	56.783	N	154.418	W	17				40	KODIAK ISLAND REGION. <AEIC>. ML 3.3 (AEIC).
	14	12	36	07.8%	42.769	N	19.168	E	10	G		0.3	7	NORTHWESTERN BALKAN REGION. ML 1.3 (TTG).
	14	12	57	40.6%	44.591	N	7.267	E	10	G		0.5	10	NORTHERN ITALY. ML 2.0 (GEN).
	14	15	08	42.7	10.824	N	86.440	W	32	D	4.5 4.1	1.3	60	OFF COAST OF COSTA RICA
	14	15	24	57.0*	10.761	N	86.473	W	33	N	4.7 3.9	1.2	24	OFF COAST OF COSTA RICA. MD 4.2 (SJR).
	14	15	31	34.4	25.183	S	179.786	E	491	*	4.9	1.2	74	SOUTH OF FIJI ISLANDS
	14	15	36	32.3%	46.577	N	2.037	E	10	G		0.1	5	FRANCE. ML 1.8 (LDG).
	14	15	37	02.3&	59.974	N	151.656	W	54				51	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.6 (AEIC).
	14	15	46	19.3%	40.399	N	21.484	E	10	G		0.3	5	GREECE. MD 3.1 (THE).
	14	16	16	10.1*	31.368	S	69.562	W	130	G		0.6	12	SAN JUAN PROVINCE, ARGENTINA. MD 3.8 (SAN).
	14	17	07	11.4%	37.506	S	177.599	E	102	?		0.4	8	OFF E. COAST OF N. ISLAND, N.Z.
	14	17	08	06.9*	12 669	N	44.358	W	10	G	4.8	1.1	15	NORTHERN MID-ATLANTIC RIDGE
	14	17	12	07.0%	41.287	N	13.996	E	10	G		1.5	6	SOUTHERN ITALY
	14	17	19	50.0?	35.66	S	70.65	W	33	N		1.3	10	CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
	14	21	13	43.5?	14.78	N	60.79	W	33	N		0.2	4	WINDWARD ISLANDS. ML 2.3 (FDF).
	14	22	08	47.6&	39.750	N	122.093	W	17				17	NORTHERN CALIFORNIA. <BRK>. ML 2.9 (BRK), 3.5 (GS). Felt (III) at Durham, Paradise, Tehama and Vina. Also felt at Chico, Hamilton City, Los Molinos, Magalia, Orland and Red Bluff.
	14	22	44	59.4	74.647	N	69.469	W	10	G	4.5	1.1	24	BAFFIN BAY

	14	23	09	41.1&	34.499	N	116.512	W	8				6	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	14	23	25	00.3?	41.89	N	23.33	E	10	G		0.5	6	GREECE-BULGARIA BORDER REGION. ML 1.8 (SKO).
	15	00	42	13.6	40.339	N	142.282	E	68	* 3.7		0.8	13	NEAR EAST COAST OF HONSHU, JAPAN
	15	00	43	29.2%	29.910	S	67.177	W	125	?		0.4	9	LA RIOJA PROVINCE, ARGENTINA
	15	00	56	33.6*	6.818	N	76.555	W	10	G 4.3 3.6		1.4	10	NORTHERN COLOMBIA
	15	01	49	36.4	38.717	N	118.677	W	5	G		0.9	19	CALIFORNIA-NEVADA BORDER REGION. MD 3.4 (GM).
	15	02	30	33.8?	31.69	S	69.69	W	131	?		1.3	9	SAN JUAN PROVINCE, ARGENTINA
	15	02	42	06.3	39.212	N	72.798	E	16	D 4.6		0.9	50	KYRGYZSTAN
	15	04	13	39.2	44.935	N	6.719	E	10	G		0.7	15	FRANCE. ML 2.4 (LDG), 2.3 (GEN).
	15	05	09	07.0*	33.459	S	70.540	W	94	?		0.4	7	CHILE-ARGENTINA BORDER REGION. MD 4.0 (SAN).
	15	05	15	06.4*	31.149	S	68.558	W	102	*		0.4	11	SAN JUAN PROVINCE, ARGENTINA
	15	05	24	15.8	24.988	S	179.833	W	502	* 4.7		1.2	70	SOUTH OF FIJI ISLANDS
	15	05	40	14.3&	62.308	N	151.895	W	107				62	CENTRAL ALASKA. <AEIC>.
	15	07	13	19.6*	35.610	S	179.655	W	39	D 4.8 5.3		1.0	25	EAST OF NORTH ISLAND, N.Z.
	15	08	30	14.1	50.974	N	97.899	E	27	D 4.4 4.2		1.2	30	RUSSIA-MONGOLIA BORDER REGION
	15	08	38	32.6?	39.23	N	27.24	E	10	G		1.0	4	TURKEY
	15	08	53	17.5?	18.90	N	66.46	W	33	N		0.3	6	PUERTO RICO REGION
	15	09	17	03.7?	6.47	S	155.04	E	129	? 4.6		1.1	12	SOLOMON ISLANDS
	15	09	44	27.1&	39.236	N	123.088	W	8				16	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 3.1 (GM). ML 2.9 (GS). Felt (III) at Redwood Valley.
	15	09	58	56.1	24.592	N	123.856	E	27	D 4.7 4.5		1.2	53	SOUTHWESTERN RYUKYU ISLANDS. ML 4.4 (BJI). Felt (IV JMA) on Iriomote-shima.
	15	10	51	20.9*	10.573	S	123.485	E	88	* 4.7		1.1	19	TIMOR REGION, INDONESIA
	15	11	20	57.5?	19.69	S	170.18	E	33	N 4.5		1.2	6	VANUATU ISLANDS
	15	11	44	25.9*	50.238	N	18.917	E	10	G		1.7	5	POLAND. ML 3.2 (WAR).
	15	12	15	47.9?	39.67	N	29.53	E	10	G		0.7	4	TURKEY
	15	12	31	57.1?	45.99	N	14.36	E	10	G		0.0	4	NORTHWESTERN BALKAN REGION. MD 2.6 (LJU).
	15	12	41	53.3?	37.66	N	139.99	E	33	N 4.2		1.5	7	EASTERN HONSHU, JAPAN
	15	13	01	20.8	44.282	N	10.526	E	24			1.1	18	NORTHERN ITALY. ML 2.8 (LDG).
	15	14	08	07.7?	32.69	S	70.14	W	110	G		0.3	9	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	15	14	11	10.7&	60.346	N	152.374	W	83				51	SOUTHERN ALASKA. <AEIC>.
	15	14	13	45.7%	41.107	N	28.465	E	10	G		0.7	6	TURKEY
a	15	14	40	23.3	19.157	S	169.614	E	20	D 5.3 5.3		1.4	123	VANUATU ISLANDS
	15	15	32	23.6*	38.440	S	175.789	E	192	*		0.5	28	NORTH ISLAND, NEW ZEALAND
	15	16	38	24.3?	67.14	N	20.75	E	10	G		1.1	4	SWEDEN. MD 3.4 (BER).
	15	17	07	00.2?	61.83	N	3.84	E	10	G		0.1	4	NORWEGIAN SEA. MD 2.5 (BER).
	15	18	10	46.1	5.064	N	123.202	E	591	4.9		0.6	32	MINDANAO, PHILIPPINE ISLANDS
	15	19	42	11.8	38.134	N	74.265	E	135	* 4.6		1.2	61	TAJIKISTAN-XINJIANG BORDER REG.
	15	20	11	34.4*	10.994	N	93.550	E	33	N 4.4		1.4	18	ANDAMAN ISLANDS, INDIA
a	15	20	28	19.8*	53.851	S	6.900	E	10	G 5.2 4.9		1.2	66	BOUVET ISLAND REGION
	15	20	34	18.2	46.042	N	14.907	E	14			1.5	26	NORTHWESTERN BALKAN REGION. MD 3.7 (LJU). ML 3.4 (FUR), 3.2 (VIE). Felt (IV) at Hrastnik, Trbovlje ond Zogorje, Slovenia.
	15	21	30	31.9&	63.256	N	149.668	W	11				11	CENTRAL ALASKA. <AEIC>. ML 2.2 (AEIC), 2.7 (PMR).
	15	21	43	20.3?	41.40	N	19.99	E	10	G		1.2	4	ALBANIA. ML 2.2 (TIR).
f	15	22	37	05.9	14.537	S	166.711	E	25	D 6.2 6.7		1.4	524	VANUATU ISLANDS. Ms 7.1 (BRK). Mo=3.2*10**19 Nm (PPT).
	15	23	07	21.2&	60.067	N	147.441	W	23				52	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
	16	00	01	35.9	19.723	S	174.445	W	70	* 5.1		1.0	91	TONGA ISLANDS
	16	00	42	30.0?	31.58	S	117.02	E	10	G		0.7	4	WESTERN AUSTRALIA
	16	01	03	11.8	37.143	N	20.653	E	33	N		1.1	13	IONIAN SEA. MD 3.5 (ATH).
	16	01	04	39.3*	50.460	N	18.856	E	10	G		1.0	6	POLAND. ML 3.2 (WAR).
	16	01	08	13.5	35.619	S	179.799	E	40	D 4.5		1.0	25	OFF E. COAST OF N. ISLAND, N.Z.
	16	01	09	34.3&	33.958	N	116.345	W	5				8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	16	01	32	15.6?	17.59	N	63.23	W	180	?		0.3	13	LEEWARD ISLANDS. MD 3.6 (TRN).
	16	02	48	13.6?	67.57	N	15.01	E	10	G		1.0	4	NORTHERN NORWAY. MD 3.3 (BER).
	16	03	28	35.7*	38.310	N	8.663	W	10	G		0.6	8	PORTUGAL. mbLg 2.6 (MDD).
	16	03	55	48.8	23 967	S	179.834	W	506	D 5.2		1.1	118	SOUTH OF FIJI ISLANDS
	16	04	04	26.1%	47.147	N	1.327	E	10	G		0.7	12	FRANCE. ML 2.1 (LDG).
	16	04	36	50.5*	5.066	S	103.408	E	57	? 4.9		1.0	16	SOUTHERN SUMATERA, INDONESIA
o	16	05	02	51.6	51.314	N	178.014	W	33	N 5.5 4.9		0.9	320	ANDREANOF ISLANDS, ALEUTIAN IS. ML 5.6 (PMR). Ms 5.1 (BRK). Felt (II) an Adak.
	16	05	43	31.9?	31.61	S	68.06	W	33	N		0.7	4	SAN JUAN PROVINCE, ARGENTINA
o	16	05	54	30.0	35.526	S	179.855	W	31	D 5.3 5.4		1.6	75	EAST OF NORTH ISLAND, N.Z.
	16	06	06	51.0	15.793	S	175.012	W	269	* 4.6		1 2	35	TONGA ISLANDS
	16	06	51	03.6?	35.62	S	179.20	W	33	N 4.2		1.0	7	EAST OF NORTH ISLAND, N.Z.
	16	07	04	35.2?	37.28	S	116.72	E	10	G 3.9		1.7	9	OFF SOUTH COAST OF AUSTRALIA
	16	07	05	28.5&	58.558	N	154.271	W	80				54	ALASKA PENINSULA. <AEIC>.
	16	08	34	56.4	40.974	N	22.338	E	10	G		0.5	9	GREECE. MD 2.0 (THE). ML 1.7 (SKO).
	16	09	28	58.6?	35.47	S	179.38	W	33	N		0.4	6	EAST OF NORTH ISLAND, N.Z.
	16	09	52	37.4*	16.323	N	61.683	W	127	?		0.3	11	LEEWARD ISLANDS. MD 3.2 (TRN).
	16	10	28	26.4?	35.49	S	179.34	W	33	N 4.2		0.6	7	EAST OF NORTH ISLAND, N.Z.
	16	12	28	29.0&	34 965	N	116.937	W	6	G			8	SOUTHERN CALIFORNIA. <PAS-P>. MD 2.5 (PAS). Felt.
	16	12	29	50.5?	40.92	N	22.71	E	10	G		0.1	4	GREECE. MD 2.6 (THE).
	16	12	35	52.3&	64.731	N	147.445	W	11				45	CENTRAL ALASKA. <AEIC>. ML 2.8 (AEIC), 3.3 (PMR).
	16	13	04	25.2?	15.66	S	74.96	W	33	N 4.6		1.0	9	NEAR COAST OF PERU
	16	13	13	38.3%	39 289	N	27.013	E	10	G		0.9	5	TURKEY
	16	13	26	41.7*	42 536	N	24.080	E	10	G		0.8	11	BULGARIA. MD 2.9 (THE).
	16	13	56	36.9%	44.312	N	7.464	E	10	G		0.5	7	NORTHERN ITALY. ML 2.0 (GEN).
	16	16	04	38.4%	44.534	N	7.386	E	10	G		0.5	9	NORTHERN ITALY. ML 2.0 (GEN).
a	16	16	15	19.7	20.430	S	169.255	E	40	D 5.3 4.9		1.4	116	VANUATU ISLANDS
	16	17	20	12.2%	39.760	N	23.583	E	10	G		0.4	7	AEGEAN SEA. MD 1.5 (THE).
	16	17	24	28.8*	37.350	N	21.028	E	10	G		1.3	7	SOUTHERN GREECE. MD 3.4 (ATH).
	16	17	28	21.6?	16.78	N	98.63	W	54	* 4.3 3.8		1.2	36	NEAR COAST OF GUERRERO, MEXICO
o	16	18	33	16.1	0 252	N	122.432	E	157	D 5.4		1.2	149	MINAHASSA PENINSULA, SULAWESI
	16	18	51	44.3	48.584	N	4.855	E	10	G		0.9	26	FRANCE. ML 2.9 (LDG). MD 2.2 (UCC).
	16	19	05	03.7&	57.640	N	142.856	W	10	G			26	GULF OF ALASKA. <AEIC>. ML 2.6 (AEIC).
	16	19	37	23.7?	44.49	N	7.32	E	10	G		0.0	4	NORTHERN ITALY. ML 1.4 (GEN).
	16	19	43	39.4%	31.305	S	68.286	W	103	?		0.4	8	SAN JUAN PROVINCE, ARGENTINA
	16	19	58	16.9&	34 607	N	116.329	W	0				15	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.3 (GS).
	16	20	45	24.5&	34.851	N	119.228	W	12				12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	16	20	54	20.3*	22.671	S	176.973	W	268	? 4.6		0.7	27	SOUTH OF FIJI ISLANDS
	16	21	24	20.0	1.329	N	123.559	E	33	N 4.8 4.3		1.4	33	MINAHASSA PENINSULA, SULAWESI
	16	21	37	48.4?	16.15	N	99.51	W	33	N		0.1	4	NEAR COAST OF GUERRERO, MEXICO

	16	22 03 40.2•	1.354	N	123.405	E	33	N	4.5	4.1	1.2	19	MINAHASSA PENINSULA, SULAWESI
	16	22 23 09.8&	40.218	N	124.372	W	5	G				3	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.0 (BRK).
	16	22 36 09.1&	35.026	N	116.962	W	1					11	CENTRAL CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 2.7 (GS). Felt.
	16	23 23 55.8&	63.036	N	149.662	W	86					11	CENTRAL ALASKA. <AEIC>.
	17	01 06 00.7?	33.02	S	72.22	W	10	G			0.3	9	OFF COAST OF CENTRAL CHILE. MD 3.7 (SAN).
	17	01 20 28.2?	19.62	S	170.13	E	33	N			1.2	8	VANUATU ISLANDS
	17	01 32 20.9&	34.607	N	116.328	W	0					11	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	17	01 41 12.8?	36.77	N	77.61	E	33	N	3.9		1.3	8	KASHMIR-XINJIANG BORDER REGION
	17	02 06 01.9•	19.354	S	169.694	E	57	?	5.3		1.3	23	VANUATU ISLANDS
	17	02 19 31.7?	62.21	N	1.76	E	10	G			1.4	36	NORWEGIAN SEA. ML 4.1 (BGS).
f	17	02 51 50.9	19.226	S	169.553	E	12	G	5.8	6.3	1.3	334	VANUATU ISLANDS. Ms 7.0 (BRK). Mo=7.9•10••18 Nm (PPT). Depth from broadband displacement seismograms.
	17	02 53 49.2?	39.29	N	20.39	E	10	G			0.7	7	GREECE-ALBANIA BORDER REGION
	17	03 35 40.2•	19.211	S	169.524	E	52	?	4.8		1.5	14	VANUATU ISLANDS
	17	04 33 16.9&	60.134	N	152.984	W	116					81	SOUTHERN ALASKA. <AEIC>.
	17	04 34 31.2	6.816	N	72.931	W	170		4.4		0.9	20	NORTHERN COLOMBIA
	17	05 12 25.5•	20.393	S	68.699	W	151	?			1.4	9	CHILE-BOLIVIA BORDER REGION
	17	05 28 08.3&	36.883	N	121.414	W	9					6	CENTRAL CALIFORNIA. <GM-P>. MD 2.5 (GM).
a	17	05 47 58.1	19.239	S	169.473	E	33	N	5.2	5.0	1.3	69	VANUATU ISLANDS
	17	05 53 55.8?	37.26	N	20.63	E	33	N			1.5	8	IONIAN SEA. MD 3.7 (ATH).
	17	06 58 39 1&	34.358	N	116.458	W	2					6	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	17	07 29 51.3	19.171	S	168.853	E	125		5.2		1.0	44	VANUATU ISLANDS
	17	08 05 30.5•	41.923	N	20.369	E	10	G			0.6	5	ALBANIA. ML 2.5 (SKO), 2.3 (TIR).
	17	08 13 51.6	37.811	N	26.702	E	10	G	3.5		1.1	24	DODECANESE ISLANDS. MD 4.0 (ATH).
	17	08 24 53.0	31.879	S	70.153	W	130	G			0.4	15	CHILE-ARGENTINA BORDER REGION. MD 3.9 (SAN).
f	17	08 32 40.5	6.845	N	76.806	W	14	G	6.2	6.7	1.0	494	NORTHERN COLOMBIA. Ms 7.0 (BRK). Mo=1.6•10••19 Nm (PPT). About 20 people injured and 90 percent of the buildings destroyed at Murindo. Felt throughout northwestern Colombia from Cali and Bogota to Cesar Department. Depth from broadband displacement seismograms.
	17	08 42 16.7	6.877	N	76.791	W	10	G	5.0		1.1	43	NORTHERN COLOMBIA
	17	08 45 54.6	25.714	N	99.491	E	22	•	4.3		1.2	18	YUNNAN, CHINA
	17	08 47 15.4?	6.90	N	76.91	W	10	G	4.4		1.2	11	NORTHERN COLOMBIA
	17	09 06 27.7	6.856	N	76.685	W	10	G	5.1		1.2	62	NORTHERN COLOMBIA
	17	09 48 33.5?	6.85	N	76.51	W	10	G	4.6		1.5	11	NORTHERN COLOMBIA
	17	10 25 55.7?	39.67	N	29.42	E	10	G			1.1	4	TURKEY
	17	11 27 49.1&	59.245	N	152.430	W	70					81	SOUTHERN ALASKA. <AEIC>. ML 3.3 (AEIC), 3.3 (PMR).
	17	11 41 03.3	19.161	S	169.484	E	33	N	5.3	5.1	1.2	138	VANUATU ISLANDS
	17	12 00 22.1•	7.057	N	76.722	W	10	G			1 5	7	NORTHERN COLOMBIA
	17	12 05 43.0?	39.12	N	27.63	E	10	G			0.4	4	TURKEY
	17	12 21 05.5	39.180	N	23.224	E	10	G			1.0	13	AEGEAN SEA. MD 3.2 (ATH), 2.8 (THE).
	17	12 35 25.5	7.066	N	76.679	W	16	D	4.1		1.3	18	NORTHERN COLOMBIA
	17	13 24 31.5&	61.709	N	147.984	W	30					78	SOUTHERN ALASKA. <AEIC>. ML 3.1 (AEIC), 3.3 (PMR).
	17	14 05 01.0	44.984	N	4.510	E	10	G			1.0	23	FRANCE. ML 2.8 (LDG).
	17	14 12 33.1•	19.356	S	169.695	E	40	?	5.1	4.6	1.5	22	VANUATU ISLANDS
	17	14 14 51.3%	40.630	N	24 060	E	10	G			0.4	5	AEGEAN SEA. MD 2.2 (THE).
	17	14 15 44.0&	59.997	N	151.308	W	64					83	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.9 (AEIC).
	17	14 37 37.8	34.259	N	139.174	E	31	D	4.9	4.9	1.1	76	NEAR S. COAST OF HONSHU, JAPAN
	17	15 06 05.0	6.932	N	76.673	W	10	G	4.2		1.2	20	NORTHERN COLOMBIA
	17	15 06 28.0?	34.26	N	139.13	E	33	N	4.5		1.1	5	NEAR S. COAST OF HONSHU, JAPAN
	17	15 30 28.7?	19.63	S	170.06	E	33	N	4.8		1.7	9	VANUATU ISLANDS
	17	15 57 45.6?	39.70	N	23.61	E	10	G			0.7	4	AEGEAN SEA. MD 1.5 (THE).
	17	15 58 17.2•	33.380	S	71.775	W	13				0.8	18	NEAR COAST OF CENTRAL CHILE. MD 4 3 (SAN).
	17	16 15 02.7%	46 068	N	3.026	E	10	G			1.1	15	FRANCE. ML 2.6 (LDG).
	17	16 22 22.5	7.301	N	76 396	W	10	G	4.7		1.2	22	NORTHERN COLOMBIA
	17	16 37 56.8•	2.756	S	128 605	E	33	N	4.3		0.6	9	CERAM SEA
o	17	18 10 23.8	19.334	S	169 636	E	36	•	5.3	5.1	1.3	103	VANUATU ISLANDS
	17	18 57 52 3&	35.071	N	116.993	W	3					12	CENTRAL CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
	17	19 17 28.3?	33.38	S	72.04	W	26				0.4	10	OFF COAST OF CENTRAL CHILE. MD 4.0 (SAN).
	17	19 18 56.5?	33.39	S	72.21	W	24				0.6	10	OFF COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	17	19 30 02.3	40.451	N	23.705	E	10	G			0.8	8	GREECE. MD 2.3 (THE).
	17	19 32 35.5?	17.91	N	64.35	W	33	N			0.9	7	VIRGIN ISLANDS. ML 3.9 (TRN).
	17	19 51 09.0•	6.915	N	76.661	W	10	G	4.2		1.4	16	NORTHERN COLOMBIA
	17	20 09 42.4?	31.89	N	141.23	E	33	N	4.3	4.0	1.3	7	SOUTH OF HONSHU, JAPAN
	17	20 15 55.7&	35.069	N	116.991	W	0					18	CENTRAL CALIFORNIA. <PAS-P>. ML 3.6 (PAS), 3.3 (GS). Felt at Doggett.
	17	20 37 30.3?	38.41	N	20.16	E	10	G			1.2	9	GREECE. MD 3.2 (ATH).
	17	20 37 36.5%	30.686	S	68 976	W	33	N			0.9	9	SAN JUAN PROVINCE, ARGENTINA
	17	20 43 17.8	35.257	N	1.435	W	10	G			1.4	70	NORTHERN ALGERIA. mbLg 4 2 (MDD). Minor domoge at Ain Temouchent.
	17	20 50 38.9	37.766	S	176.208	E	200	G			1.2	32	NORTH ISLAND, NEW ZEALAND
	17	20 55 42.0•	35.533	N	1.585	W	10	G			1.1	13	NORTHERN ALGERIA. mbLg 3 6 (MDD).
	17	21 22 22.0	16.956	N	146 429	E	65	•	4.9		1.2	83	MARIANA ISLANDS
	17	21 27 56.5?	37.20	N	3.99	W	33	N			1.5	4	SPAIN
	17	22 34 55.4•	0.048	S	123 235	E	176	?	4.4		1.0	13	MINAHASSA PENINSULA, SULAWESI
	17	23 08 30.9&	59.826	N	153.288	W	123		4.0			105	SOUTHERN ALASKA. <AEIC>. Felt (II) at Homer.
	17	23 26 06 2	40.640	S	174.854	E	88	•			0.8	26	COOK STRAIT, NEW ZEALAND
	17	23 39 00 8&	35.072	N	116.999	W	3					15	CENTRAL CALIFORNIA. <PAS-P>. ML 3.2 (PAS).
	18	00 11 26.7%	40.348	N	24.253	E	10	G			0.6	5	AEGEAN SEA
a	18	00 58 05.8	10.022	S	117.093	E	27	D	5.5	5.1	1.2	170	SOUTH OF SUMBAWA, INDONESIA
	18	01 15 32.3	37.079	N	5.313	W	10	G			1.1	17	SPAIN. mbLg 3.4 (MDD).
	18	02 46 41.2	44.308	N	7.223	E	10	G			0.3	10	NORTHERN ITALY. ML 2.3 (LDG), 1.9 (GEN).
	18	02 51 54.6%	31 829	S	68.874	W	33	N			0.5	5	SAN JUAN PROVINCE, ARGENTINA
	18	03 07 18.7&	34.357	N	116.451	W	0					17	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS). Felt.
	18	03 52 34.7&	60.052	N	152.581	W	107					91	SOUTHERN ALASKA. <AEIC>.
	18	04 51 28.7	30.341	N	138.252	E	440		4.7		0.8	123	SOUTH OF HONSHU, JAPAN
	18	05 06 05.6%	39.477	N	29.504	E	10	G			0.5	9	TURKEY
	18	05 12 50.6	3.256	N	82.835	W	10	G	4.7	4.3	1.1	60	SOUTH OF PANAMA
	18	05 19 56.0?	33.39	S	71.96	W	33	N			1.3	15	NEAR COAST OF CENTRAL CHILE. MD 4.3 (SAN). Felt (III) at Valparaiso.
	18	05 36 00.3•	6.668	S	144.005	E	33	N	4.1		1.1	8	NEW GUINEA, PAPUA NEW GUINEA

	18	06 29 10.3?	30.91	N	67.94	E	33	N	3.5		1.3	11	PAKISTAN
	18	06 34 43.0	39.181	N	23.793	E	10	G			1.2	32	AEGEAN SEA. MD 3.4 (ATH).
	18	06 57 21.8&	58.854	N	154.760	W	117					44	ALASKA PENINSULA. <AEIC>.
	18	07 34 51.8	44.730	N	7.608	E	10	G			1.0	16	NORTHERN ITALY. ML 2 0 (GEN), 2.0 (LDG).
	18	07 56 29.3&	61.443	N	150.676	W	46					85	SOUTHERN ALASKA. <AEIC>. ML 3.2 (AEIC), 3.0 (PMR).
	18	08 44 18.6*	6.079	S	129.186	E	225	?	4.8		0.8	12	BANDA SEA
	18	09 16 23.5?	35.16	N	81.64	E	33	N	4.3		0.9	8	SOUTHERN XINJIANG, CHINA
	18	10 51 21.6	6.972	N	76.454	W	13	D	5.2		1.1	123	NORTHERN COLOMBIA
	18	11 55 19.3&	62.977	N	151.011	W	118					75	CENTRAL ALASKA. <AEIC>.
	18	12 01 04.1&	60.726	N	146.410	W	23					58	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
	18	12 23 25.8&	57.091	N	154.046	W	39					54	KODIAK ISLAND REGION. <AEIC>. ML 3.4 (AEIC).
	18	12 29 16.7?	39.56	N	30.25	E	10	G			0.1	5	TURKEY
	18	12 40 56.3*	6.069	S	147.623	E	110	*	4.0		0.8	7	EASTERN NEW GUINEA REG., P.N.G.
	18	12 41 41.1	40.347	S	173.312	E	160	G			1.2	29	COOK STRAIT, NEW ZEALAND
	18	12 43 09.1	9.268	S	78.722	W	48	D	5.0	5.2	1.0	46	NEAR COAST OF NORTHERN PERU. Felt (II) at Casma and Chimbote. Also felt at Barranca, Huacha, Huarmey and Lima.
	18	12 45 47.9%	39.127	N	27.555	E	10	G			0.1	5	TURKEY
	18	12 54 26.1*	55.231	S	145.8B9	E	10	G	5.1		1.5	21	WEST OF MACQUARIE ISLAND
	18	13 04 27.2*	11.856	N	87.374	W	33	N	4.4		1.0	29	NEAR COAST OF NICARAGUA
o	18	13 08 54.7	6.279	S	130.214	E	119	G	5.8		1.0	280	BANDA SEA. Depth from broadband displacement seismagrams.
f	18	15 11 59.1	7.075	N	76.862	W	10	G	6.6	7.3	1.3	544	NORTHERN COLOMBIA. Ms 7.4 (BRK). Mo=1.6*10**20 Nm (PPT). One person killed, 50 injured and damage in the Murinda-Apartado-Medellin area. At least 10 people killed, 65 injured and 1,500 homeless by the explosion of a mud volcano in the San Pedro de Uraba area. Slight damage at Bogota. Felt in much of northwestern Colombia and as far south as Cali. Felt strongly in Darien Province, Panama. Also felt (IV) on the Azuero Peninsula and at Panama City, Panama. Felt at Caracas and Valencia, Venezuela. Also felt on Aruba. Landslides occured in the epicentral area. Liquefaction was observed in the Murindo area and as far north as Apartado. A small island emerged from the Caribbean Sea off San Juan de Uraba. Complex event observed on broadband displacement seismagrams.
	18	15 24 02.8	36.510	N	71.161	E	78	?	4.8		0.7	13	AFGHANISTAN-TAJIKISTAN BORD REG.
	18	15 25 25.7	7.383	N	76.496	W	10	G	5.1		0.8	60	NORTHERN COLOMBIA
	18	15 34 29.2	6.933	N	76.885	W	10	G	5.2		0.8	80	NORTHERN COLOMBIA
	18	15 44 24 5*	7.056	N	76.757	W	10	G	4.8		0.7	17	NORTHERN COLOMBIA
	18	15 54 04.6?	7.63	N	76.32	W	10	G	4.5		0.9	17	NORTHERN COLOMBIA
	18	15 54 52.8	6.804	N	76.805	W	10	G	5.1		0.9	69	NORTHERN COLOMBIA
	18	15 55 03.4*	16.560	S	167.424	E	34	*	4.6		1.3	32	VANUATU ISLANDS
	18	16 02 21.0*	7.385	N	76.543	W	10	G	4.9		1.0	23	NORTHERN COLOMBIA
	18	16 03 51 6*	6.734	N	76.785	W	17	D	5.0		0.9	62	NORTHERN COLOMBIA
	18	16 05 44.7	7.011	N	76.744	W	12	D	5.6		1.2	221	NORTHERN COLOMBIA
	18	16 14 45 5	42.066	N	73.116	E	19	D	5.1		0.9	143	KYRGYZSTAN. ML 5.0 (BJI). Felt (V) at Kara-Kul and (III) at Bishkek. Also felt (V) at Merke, (IV) at Dzhombul and (III) at Alma-Ata, Kozakhstan.
	18	16 29 14.8*	37.311	S	176.490	E	230	G			1.2	30	NORTH ISLAND, NEW ZEALAND
	18	16 57 47.1*	7.410	N	76.586	W	10	G	4.7		0.7	9	NORTHERN COLOMBIA
	18	17 15 28.1	43.854	N	7.665	E	10	G			0.7	16	NEAR SOUTH COAST OF FRANCE. ML 2.4 (LDG), 2.0 (GEN).
	18	17 27 46 8%	44.933	N	7.214	E	10	G			0.6	5	NORTHERN ITALY. ML 1.9 (GEN).
	18	17 33 03 2*	18.069	N	76.856	E	33	N	4.4		1.1	16	SOUTHERN INDIA
o	18	17 42 51.4	6.740	S	105.602	E	37		5.8	5.8	1.1	305	SUNDA STRAIT. Felt (IV) at Jakarta, Indonesia.
	18	17 50 20.7*	7.625	N	76 233	W	10	G	4.7		1.3	30	NORTHERN COLOMBIA
	18	18 10 36.6*	14.071	S	176.714	E	34	*	5.0		1 2	82	FIJI ISLANDS REGION
	18	18 14 35.1*	25.841	S	71.259	W	33	N			1.1	13	OFF COAST OF NORTHERN CHILE
	18	18 27 02 3&	33.306	N	116.283	W	7					6	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	18	18 27 31.6	7.003	N	76.775	W	18	D	5.5	5.2	1.0	255	NORTHERN COLOMBIA
	18	18 27 48.7&	59.318	N	153.281	W	92					46	SOUTHERN ALASKA. <AEIC>.
	18	19 07 12.4	6.788	N	76.632	W	14	D	5.1	4.6	1 2	108	NORTHERN COLOMBIA
	18	19 50 48.7%	15.473	N	60.695	W	33	N			0.5	6	LEEWARD ISLANDS. ML 2.5 (FDF).
	18	20 10 55 6	7.458	N	76.521	W	13	D	5.1	4.6	1.2	125	NORTHERN COLOMBIA
	18	20 26 30.9	6.707	N	76.862	W	10	G	4.3		1.2	25	NORTHERN COLOMBIA
	18	20 43 52.9	7.177	N	76.502	W	15	D	5.1		0.9	147	NORTHERN COLOMBIA
	18	21 14 34.7	29.116	S	71.939	W	33	N			1.1	24	NEAR COAST OF CENTRAL CHILE. MD 4.5 (SAN).
	18	21 21 20.7&	34.580	N	116.607	W	3					11	SOUTHERN CALIFORNIA. <PAS-P> ML 2.9 (PAS).
	18	21 22 32.8*	7 306	N	76.486	W	10	G	4.4		0.9	10	NORTHERN COLOMBIA
	18	21 44 41.9*	44.172	N	10.063	E	10	G			1.4	8	NORTHERN ITALY. ML 2.3 (LDG).
	18	22 19 30.8*	7.470	N	76.492	W	10	G	4.3		0.9	23	NORTHERN COLOMBIA
	18	22 19 51.4	6.788	N	76.747	W	10	G	4.9		0.9	64	NORTHERN COLOMBIA
	18	22 21 19.7?	37.86	S	176.14	E	209	?			0.4	19	NORTH ISLAND, NEW ZEALAND
	18	22 32 47.6*	7.490	N	76.409	W	10	G	4.6		1.2	24	NORTHERN COLOMBIA
	18	23 18 04.1*	37.183	N	31.789	E	33	N			1.4	10	TURKEY. ML 3.1 (CSS).
	19	01 50 29.6*	4.716	S	149.844	E	33	N	4.6		0.5	6	BISMARCK SEA
	19	02 06 44 5	7.318	N	76.477	W	10	G	4.6		1.2	47	NORTHERN COLOMBIA
	19	02 16 05.8?	7.08	N	76.11	W	10	G	4.4		0.9	17	NORTHERN COLOMBIA
	19	02 17 09.1*	7.420	N	76.456	W	10	G	4.5		1.0	18	NORTHERN COLOMBIA
	19	02 33 37.7&	38.817	N	122.809	W	1					8	NORTHERN CALIFORNIA. <GM-P>. MD 2.8 (GM).
	19	02 35 35.7	7.346	N	76.460	W	10	G	4.5		1.3	24	NORTHERN COLOMBIA
	19	02 47 23 6%	61.791	N	4.400	E	10	G			1.1	7	SOUTHERN NORWAY. MD 2.4 (BER).
	19	02 47 27.9	7.293	N	76.588	W	10	G	4.8		1.0	43	NORTHERN COLOMBIA
	19	03 21 10.0*	36.497	N	70.669	E	33	N	4.0		1.0	10	HINDU KUSH REGION, AFGHANISTAN
	19	03 58 52.0	6.794	N	76.634	W	10	G	5.0		1 3	116	NORTHERN COLOMBIA
	19	04 14 11.8%	37.833	N	27.493	E	10	G			1.4	6	TURKEY
	19	04 19 42.1?	18.42	S	166.80	E	33	N			1.2	4	VANUATU ISLANDS REGION
	19	05 04 02.7	7.439	N	76.504	W	10	D	5.3		1.0	178	NORTHERN COLOMBIA
	19	05 55 25.4%	40.540	N	23.024	E	10	G			0.4	8	GREECE. MD 2.5 (THE).
	19	06 07 23.7	7.469	N	76.431	W	13	D	4.6		1.1	52	NORTHERN COLOMBIA
	19	06 22 49.6	7.446	N	76 337	W	10	G	4.4		1 2	36	NORTHERN COLOMBIA
	19	06 35 52.0	6.936	N	76.730	W	15	D	4.7		1 2	61	NORTHERN COLOMBIA

	19	06	45	13.7	7.262	N	76.394	W	10	G	4.6		0.7	23	NORTHERN COLOMBIA
	19	07	07	47.9	7.238	N	76.501	W	10	G	4.6		1.2	50	NORTHERN COLOMBIA
	19	07	10	31.3?	7.39	S	128.39	E	135	?	4.4		1.2	8	BANDA SEA
	19	07	32	24.0	38.433	N	25.269	E	10	G	4.2		1.2	56	AEGEAN SEA. MD 4.1 (ATH). Felt strongly on Khios, Greece. Also felt at Izmir, Turkey.
	19	07	46	38.7%	38.622	N	5.177	W	10	G			1.2	9	SPAIN. mbLg 3.0 (MDD).
	19	08	00	22.3?	8.29	S	157.29	E	73	?	4.3		1.3	14	SOLOMON ISLANDS
	19	08	54	51.3%	41.046	N	28.739	E	10	G			0.8	5	TURKEY
	19	09	05	49.5%	44.726	N	7.635	E	31				0.4	11	NORTHERN ITALY. ML 2.1 (GEN).
	19	09	07	39.4%	31.344	S	67.991	W	33	N			1.2	5	SAN JUAN PROVINCE, ARGENTINA
	19	09	36	27.3	7.348	N	76.599	W	10	G	4.3		1.3	23	NORTHERN COLOMBIA
o	19	10	11	10.8	3.159	N	82.934	W	10	G	5.2	5.3	1.0	160	SOUTH OF PANAMA
	19	11	01	49.1%	31.346	S	68.718	W	123	•			0.7	9	SAN JUAN PROVINCE, ARGENTINA
	19	11	02	13.1•	44.006	N	18.313	E	10	G			1.0	10	NORTHWESTERN BALKAN REGION. ML 2.8 (TTG).
	19	11	28	50.8%	44.921	N	6.635	E	10	G			0.5	5	FRANCE. ML 1.8 (GEN).
a	19	12	03	30.1	19.385	S	169.593	E	21	D	5.7	5.8	1.3	323	VANUATU ISLANDS. Mo=3.2•10••18 Nm (PPT).
	19	12	40	30.1	44.125	N	18.461	E	10	G			1.1	77	NORTHWESTERN BALKAN REGION. MD 4.4 (TRI), 4.1 (THE), 4.0 (VIE). ML 4.0 (TTG). Felt strongly at Sarajevo, Bosnia-Hercegovina.
	19	13	20	03.7	71.876	N	2.093	W	10	G	5.0	4.8	1.2	93	JAN MAYEN ISLAND REGION
	19	13	28	57.1%	39.136	N	27.534	E	10	G			0.5	5	TURKEY
	19	14	02	39.5	6.844	N	76.771	W	10	G	4.4		1.0	22	NORTHERN COLOMBIA
	19	14	03	30.2?	15.71	N	97.83	W	33	N			1.6	4	NEAR COAST OF OAXACA, MEXICO
	19	14	44	11.7	6.863	N	76.681	W	10	G	4.8		1.1	23	NORTHERN COLOMBIA
	19	15	23	25.3	7.411	N	76.550	W	10	G	4.8	4.3	1.0	67	NORTHERN COLOMBIA
	19	15	49	15.4%	44.381	N	7.375	E	10	G			0.4	9	NORTHERN ITALY
	19	15	54	30.7	7.319	N	76.577	W	10	G	4.6		0.8	24	NORTHERN COLOMBIA
	19	16	30	39.1?	69.34	N	17.74	E	10	G			0.2	4	NORTHERN NORWAY. MD 2.5 (BER).
	19	18	03	32.3&	34.533	N	116.542	W	1					6	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	19	18	05	08.6	7.023	N	76.689	W	10	G	4.4		1.4	23	NORTHERN COLOMBIA
	19	18	24	57.1&	61.242	N	149.318	W	43					49	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
	19	18	57	55.8?	36.70	N	25.86	E	33	N			1.7	4	DODECANESE ISLANDS. MD 3.5 (ATH).
	19	19	34	06.3•	19.192	S	167.560	E	31	D	4.8		1.3	36	VANUATU ISLANDS REGION
	19	19	53	09.1%	33.159	S	70.841	W	10	G			0.1	6	CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).
	19	19	56	32.4	6.909	N	76.814	W	10	G	5.3		1.0	143	NORTHERN COLOMBIA
	19	21	30	47.3?	32.81	S	70.34	W	100	G			0.0	6	CHILE-ARGENTINA BORDER REGION. MD 3.1 (SAN).
	19	21	48	28.1•	40.407	N	20.374	E	10	G			1.3	9	GREECE-ALBANIA BORDER REGION. MD 2.8 (ATH).
	19	23	02	18.4	6.942	N	76.650	W	10	G	4.8		1.0	79	NORTHERN COLOMBIA
	19	23	02	19.7	9.736	S	78.418	W	53	D	5.1		0.5	16	NEAR COAST OF NORTHERN PERU
	20	00	00	25.3&	34.958	N	116.805	W	2					10	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	20	00	14	28.2&	35.318	N	117.653	W	7					11	CENTRAL CALIFORNIA. <PAS-P>. ML 2.7 (PAS).
	20	00	25	44.4&	34.256	N	116.434	W	5					13	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.2 (GS). Felt (IV) at Pioneertown.
	20	00	26	13.1	37.208	N	31.212	E	136		4.1		1.1	42	TURKEY. MD 4.3 (HLW).
	20	01	04	31.2•	38.274	S	176.045	E	196	•			0.5	26	NORTH ISLAND, NEW ZEALAND
	20	01	19	48.4?	22.83	S	171.73	E	33	N	5.1		1.6	19	LOYALTY ISLANDS REGION
	20	01	57	58.4	28.443	N	33.158	E	10	G	3.9		1.1	29	EGYPT. MD 4.1 (RYD), 4.0 (HLW).
	20	02	09	24.8&	40.405	N	124.430	W	10					3	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 3.0 (GM).
	20	02	57	07.5	7.480	N	76.511	W	10	G	4.5		1.2	31	NORTHERN COLOMBIA
	20	03	07	21.8•	39.739	N	23.822	E	10	G			0.2	7	AEGEAN SEA. MD 2.3 (THE).
	20	03	45	17 6&	40.501	N	123.839	W	23					3	NORTHERN CALIFORNIA. <GM-P>. MD 3.0 (GM).
o	20	04	03	42.2	55.379	N	166.427	E	28	D	5.2	5.1	1.2	130	KOMANDORSKY ISLANDS REGION
	20	04	08	02.8	55.473	N	166.308	E	27	D	5.0		1.1	59	KOMANDORSKY ISLANDS REGION
	20	04	09	01.4	44.914	N	6.820	E	10	G			1.1	18	FRANCE. ML 2.4 (LDG), 2.2 (GEN).
	20	04	20	40.7	55.344	N	166.450	E	33	D	4.7		1.2	42	KOMANDORSKY ISLANDS REGION
o	20	04	40	01.7	55.520	N	166.303	E	27	D	5.7	5.9	1.3	290	KOMANDORSKY ISLANDS REGION
	20	05	25	15.4	28.552	N	32.863	E	10	G			1.3	14	EGYPT. MD 3.8 (HLW), 3.7 (RYD).
	20	05	28	08.9&	35.928	N	120.473	W	10		3.9			52	CENTRAL CALIFORNIA. <GM-P>. MD 4.7 (GM). ML 4.3 (BRK), 4.3 (PAS). Felt (IV) at Avenal, Bradley, Coyucos, Coolingo, Paso Robles, San Ardo, San Luis Obispo, San Miguel and Saledad. Felt (III) at King City, Lockwood and San Simeon. Also felt at Cholame, Parkfield and Shandon.
	20	05	48	04.1&	35.930	N	120.475	W	10					11	CENTRAL CALIFORNIA. <GM-P>. MD 2.7 (GM). ML 2.8 (PAS).
	20	06	57	58.2	8.958	N	126.316	E	41	D	5.1		1.2	76	MINDANAO, PHILIPPINE ISLANDS
	20	07	01	33.8	55.593	N	166.014	E	33	N	4.6		1.3	24	KOMANDORSKY ISLANDS REGION
	20	07	07	46.5?	21.56	N	142.88	E	333	?	4.0		0.8	15	MARIANA ISLANDS REGION
o	20	07	18	49.8	24.495	N	123.662	E	21	D	5.3	4.9	1.1	204	SOUTHWESTERN RYUKYU ISLANDS. ML 5.2 (BJI). Felt (V JMA) on Iriomote-shimo.
	20	07	42	06 5•	24.431	N	123.918	E	20	D	4.5		1.4	21	SOUTHWESTERN RYUKYU ISLANDS. ML 3.9 (BJI).
	20	09	28	00.7?	39.52	N	29.40	E	10	G			0.1	4	TURKEY
	20	10	43	48.3?	33.88	S	72.53	W	33	N			0.6	17	OFF COAST OF CENTRAL CHILE. MD 4.0 (SAN).
	20	10	59	59.6•	7.195	N	76.583	W	10	G	4.2		1.6	9	NORTHERN COLOMBIA
	20	11	30	09.4&	59.057	N	152.372	W	76					54	SOUTHERN ALASKA. <AEIC>.
	20	12	07	06.1%	44.998	N	7.160	E	5	G			0.4	5	NORTHERN ITALY. ML 1.8 (GEN).
	20	13	02	01.7&	39.980	N	120.762	W	8					25	NORTHERN CALIFORNIA. <BRK>. ML 4.0 (BRK), 3.7 (GS). Felt (IV) at Crescent Mills, Greenville, Meadow Valley, Paradise and Quincy. Felt (III) at Genesee Valley, Litchfield, Portola, Standish, Taylorsville and Twain.
	20	13	06	46.9	39.369	S	174.162	E	200	G			1.4	44	NORTH ISLAND, NEW ZEALAND
	20	13	06	53.8	7.166	N	76.586	W	10	G	4.6		1.0	22	NORTHERN COLOMBIA
	20	13	23	54.0	3.483	N	82.674	W	10	G	4.7	4.8	0.9	36	SOUTH OF PANAMA
	20	13	39	59.6	42.274	N	19.416	E	12				1.1	51	NORTHWESTERN BALKAN REGION. MD 3.8 (ATH), 3.7 (VIE), 3.6 (THE). ML 3.6 (TTG), 3.4 (TIR), 3.1 (LJU). Felt (V) at Podgorica, Yugoslavia.
	20	14	08	49.3%	42.272	N	19.435	E	10	G			0.6	6	NORTHWESTERN BALKAN REGION. ML 1.6 (TTG).
	20	14	32	34.3•	6.935	N	76.733	W	10	G	4.8		1.3	15	NORTHERN COLOMBIA
	20	14	42	26.1%	44.504	N	7.270	E	10	G			0.3	9	NORTHERN ITALY. ML 2.1 (GEN).
	20	15	06	18.0?	17.45	N	144.50	E	33	N	4.4		1.0	7	MARIANA ISLANDS REGION
	20	15	29	00.7%	42.263	N	19.467	E	10	G			0.3	8	NORTHWESTERN BALKAN REGION. ML 1.6 (TTG).
a	20	15	47	56.2	24.453	S	176.054	W	64	D	5.8		1.4	146	SOUTH OF FIJI ISLANDS
	20	16	14	37.8•	35.301	N	2.327	W	10	G			1.0	10	STRAIT OF GIBRALTAR. mbLg 3.0 (MDD).
	20	16	28	05.3	14.969	N	60.568	W	63		4.9		0.7	91	WINDWARD ISLANDS. MD 4.7 (TRN). Felt (III) on

													Martinique.
	20	16	30	52.0*	41.927	N	73.241	E	33	N	4.0	1.2	11 KYRGYZSTAN
	20	16	43	10.3?	46 03	N	3.93	E	10	G		0.3	8 FRANCE. ML 1.8 (LDG).
	20	16	57	38 2%	42 273	N	19.451	E	10	G		0.4	9 NORTHWESTERN BALKAN REGION. ML 1.7 (TTG).
	20	17	10	18.3?	15 42	S	72.74	W	123	?		1.2	7 SOUTHERN PERU
	20	17	13	28.8?	29 95	S	178.22	W	33	N	4.3	1.4	9 KERMADEC ISLANDS, NEW ZEALAND. Felt (III) on Raoul Island.
	20	17	13	29.3%	42.272	N	19.448	E	10	G		0.5	8 NORTHWESTERN BALKAN REGION. ML 1.7 (TTG).
	20	18	37	39.1	32.760	S	70.095	W	116	*	4.2	0.8	22 CHILE-ARGENTINA BORDER REGION. MD 4.3 (SAN).
	20	19	09	27.1	44 206	N	18.286	E	10	G		1.4	16 NORTHWESTERN BALKAN REGION. MD 3.3 (TTG).
	20	20	47	37.1%	42.271	N	19.449	E	10	G		0.4	8 NORTHWESTERN BALKAN REGION. ML 1.7 (TTG).
	20	20	53	34.7	33 613	S	68.550	W	10	G		0.8	13 MENDOZA PROVINCE, ARGENTINA. MD 3.9 (SAN).
	20	21	18	05.6*	32.613	S	71.673	W	16			0.4	12 NEAR COAST OF CENTRAL CHILE. MD 4.1 (SAN). Felt (II) at Limache.
	20	21	43	20.5?	20.21	S	179.65	W	622	?	4.8	0.9	10 FIJI ISLANDS REGION
	20	21	53	32.5	32.011	N	49.946	E	23	D	4.5 3.8	1.3	45 WESTERN IRAN. Felt at Ardal.
	20	22	55	49.1*	12.031	N	88.050	W	33	N	4.8 4.1	1.0	36 OFF COAST OF CENTRAL AMERICA
	20	23	35	13.6?	67.72	N	20.25	E	10	G		0.1	4 SWEDEN. MD 3.4 (BER).
	21	00	20	05.5	6.852	N	76.613	W	10	G	4.8	1.1	60 NORTHERN COLOMBIA
	21	01	09	06.2?	8.39	N	71.14	W	10	G		1.5	4 VENEZUELA
	21	01	14	02.2?	70.10	N	16.07	E	10	G		0.4	4 NORWEGIAN SEA. MD 2.6 (BER).
	21	02	04	27.8?	18.20	N	67.16	W	33	N		0.9	7 MONA PASSAGE
	21	03	26	36.9?	29.70	S	71.05	W	19	*		1.4	9 NEAR COAST OF CENTRAL CHILE
	21	03	43	04.6	6.240	S	145.742	E	33	N	4.4	0.5	5 NEW GUINEA, PAPUA NEW GUINEA. ML 4.2 (PMG).
	21	04	42	36.5	44.528	N	10.084	E	10	G		1.3	16 NORTHERN ITALY. ML 2.6 (LDG).
	21	05	21	06.5	51 307	N	178.456	W	33	N	4.6	1.0	57 ANDREANOF ISLANDS, ALEUTIAN IS.
	21	05	49	35.4	6.959	N	76.742	W	10	G	4.6	1.0	60 NORTHERN COLOMBIA. MD 4.5 (UPA).
	21	05	52	38.2*	14.744	S	173.793	W	33	N	4.8	0.9	34 SAMOA ISLANDS REGION
	21	06	23	30.2?	16.88	N	97 09	W	41	?		0.3	5 OAXACA, MEXICO
	21	06	51	47.3%	42.886	N	0.808	W	10	G		0.3	9 PYRENEES. ML 1.0 (STR).
	21	07	34	54.5	6.926	N	76.658	W	10	G	4.6	0.9	53 NORTHERN COLOMBIA. MD 4.8 (UPA).
	21	08	34	21.8%	31.487	S	68.322	W	33	N		0.5	5 SAN JUAN PROVINCE, ARGENTINA
	21	09	32	37.1?	34.91	S	70.94	W	110	G		0.2	8 CHILE-ARGENTINA BORDER REGION
	21	10	15	35.0*	19.368	S	168.468	E	106	*	4.2	1.4	7 VANUATU ISLANDS
	21	10	49	12 9%	37.090	N	5.394	W	10	G		0.6	7 SPAIN. mbLg 2.9 (MDD).
	21	11	11	35.1&	59.533	N	152.146	W	63				58 SOUTHERN ALASKA. <AEIC>. ML 2.9 (AEIC).
	21	11	22	39.6%	15.884	N	60.749	W	10	G		0.2	5 LEEWARD ISLANDS. ML 2.6 (FDF).
f	21	12	11	13.8	6.870	S	144.174	E	19	G	5.9 6.0	1.1	287 NEW GUINEA, PAPUA NEW GUINEA. Mo=1.6*10**18 Nm (PPT). Depth from broadband displacement seismograms.
	21	13	03	36.7*	3.513	S	130.398	E	33	N	5.2	0.7	12 SERAM, INDONESIA
	21	13	32	57 6*	42.695	N	24.307	E	10	G		1.2	7 BULGARIA
	21	14	11	52.6?	44.08	N	11.94	E	33	N		0.4	4 NORTHERN ITALY
	21	14	25	14.9&	47.183	N	123 689	W	35				14 WASHINGTON. <SEA>. MD 2.9 (SEA). ML 3.0 (GS).
	21	14	31	07.5?	41.76	N	20.47	E	10	G		0.2	4 ALBANIA
	21	15	05	24.6	6 322	S	26.772	E	10	G	4.8	1.0	38 ZAIRE. mbLg 4.4 (BUL).
	21	15	53	04.8&	59 303	N	153.137	W	86				53 SOUTHERN ALASKA. <AEIC>.
	21	19	15	18.2?	46.41	N	0.53	E	10	G		1.5	4 FRANCE. ML 2.0 (LDG).
	21	20	12	55 8	15.945	N	61.028	W	86			0.3	23 LEEWARD ISLANDS. MD 4.0 (TRN). Felt (III) an Marie Galante.
	21	20	26	52.8	7.411	N	126 637	E	37	D	5.0 4.4	1.1	84 MINDANAO, PHILIPPINE ISLANDS
	21	21	42	40.1?	15 23	S	121.91	E	33	N		1.1	7 NORTHWEST OF AUSTRALIA
	21	22	12	04.9	44 218	N	129.093	W	10	G	3.8	0.9	74 OFF COAST OF OREGON
	21	22	41	33.7	43 106	N	0.721	W	10	G		0.2	9 PYRENEES. ML 1.0 (STR).
	21	23	15	22.4%	36 894	N	3.936	W	72	?		0.9	11 STRAIT OF GIBRALTAR
	21	23	15	37.7	38 985	N	20.873	E	10	G		1.1	7 GREECE. MD 2.9 (ATH). ML 2.4 (THE).
	22	00	03	54.0	40 912	N	22.856	E	10	G		0.3	7 GREECE. ML 1.7 (THE), 1.5 (SKO).
	22	00	30	12.7*	26.317	S	177.280	W	172	*	3 9	1.1	9 SOUTH OF FIJI ISLANDS
	22	00	37	11 5?	51 69	N	7.70	E	0	G		0.9	8 GERMANY. ML 2.8 (LDG), 2 5 (BNS). Possible rackburst.
	22	01	09	07 0&	36.703	N	121.373	W	3				10 CENTRAL CALIFORNIA. <BRK>. ML 2.5 (BRK).
	22	01	53	30 2	18.129	S	178.522	W	582		4.9	1.1	94 FIJI ISLANDS REGION
	22	02	25	39 8	38.889	N	119.370	W	5	G		0.6	27 CALIFORNIA-NEVADA BORDER REGION. ML 4.1 (GS), 3.8 (BRK). Felt (V) at Smith and Yerington, Nevada.
	22	02	45	56 3?	15.65	N	60.36	W	26	*		0.2	7 LEEWARD ISLANDS. ML 2.7 (FDF).
	22	03	45	36.9?	7.45	N	76.21	W	75	?	4.4	1.3	10 NORTHERN COLOMBIA
	22	04	23	53.1&	33 943	N	116.309	W	5				15 SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.0 (GS). Felt (III) at Indio and Yucca Valley. Also felt at La Quinta.
	22	04	45	21.3?	17 27	N	100.62	W	33	N		1.2	5 GUERRERO, MEXICO
	22	05	44	13.5?	6 68	N	72.76	W	195	?	4.0	0.2	6 NORTHERN COLOMBIA
	22	07	23	34.6*	40.353	N	26.006	E	10	G		1.3	6 TURKEY
	22	07	40	36.6&	59 915	N	141.358	W	7				34 SOUTHEASTERN ALASKA. <AEIC>. ML 3.5 (AEIC), 3.7 (PGC).
	22	07	50	26 3%	43 319	N	17.067	E	10	G		0.5	7 NORTHWESTERN BALKAN REGION. ML 2.6 (TTG).
	22	08	12	37.1&	60 690	N	151.808	W	78		3.1		78 KENAI PENINSULA, ALASKA. <AEIC>.
	22	08	25	38.6*	34 095	S	70.372	W	33	N		0.9	6 CHILE-ARGENTINA BORDER REGION
	22	08	39	29.1&	33 703	N	117.463	W	10				34 SOUTHERN CALIFORNIA. <PAS-P>. ML 3.8 (PAS), 3.6 (GS). Felt (IV) at China, Lake Elsinare, Silverada and Sun City.
f	22	09	04	23.4	30 227	S	177.205	W	26	G	6.0 6.6	1.2	268 KERMADEC ISLANDS, NEW ZEALAND. Ms 7.2 (BRK). Mo=1.3*10**19 Nm (PPT). Felt (IV) on Raoul Island. Two events about 3.5 seconds apart. Depth from broadband displacement seismograms, based on first event.
	22	09	04	33.6&	60 599	N	150.808	W	40				61 KENAI PENINSULA, ALASKA. <AEIC>. ML 2.8 (AEIC).
	22	09	20	57.2?	39.63	N	29.46	E	10	G		1.2	4 TURKEY
	22	09	31	47.1?	28 86	S	176.26	W	10	G	5.1	1.3	13 KERMADEC ISLANDS REGION
	22	10	39	53.1%	41 086	N	28.736	E	10	G		0.5	7 TURKEY
	22	11	07	57.3	33 842	N	120.288	E	10	G	4.3	1.4	24 SOUTHEASTERN CHINA
	22	11	21	03.7?	6.96	S	129 25	E	163	?	5.0	1.0	11 BANDA SEA
	22	11	26	39.4%	42.468	N	19.024	E	10	G		0.5	9 NORTHWESTERN BALKAN REGION. ML 1.9 (TTG).
	22	11	39	57.9*	30 263	S	177.141	W	10	G	4.8	1.5	10 KERMADEC ISLANDS, NEW ZEALAND
	22	13	25	24.7?	41.63	N	22.99	E	10	G		0.4	5 NORTHWESTERN BALKAN REGION. ML 2.4 (THE).
	22	14	10	47.6?	10.62	N	67.41	W	10	G		0.7	4 NEAR COAST OF VENEZUELA
	22	14	28	42.6?	40 81	N	23.86	E	10	G		0.1	4 GREECE. ML 1.9 (THE).
	22	15	30	47.1%	42.608	N	18.493	E	10	G		1.0	8 NORTHWESTERN BALKAN REGION. ML 1.8 (TTG).

	22	15	38	40.0%	61	436	N	5.618	E	10	G		1.0	7	SOUTHERN NORWAY. MD 2.2 (BER).
	22	15	58	21.8?	69	35	N	17.77	E	10	G		0.2	4	NORTHERN NORWAY. MD 2.7 (BER).
	22	16	07	19.4*	50	416	N	18.892	E	10	G		1.2	8	POLAND. ML 3.6 (WAR).
	22	16	21	08.5&	34	305	N	116.448	W	1				13	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.0 (GS). Felt at Landers and Pioneertown.
	22	16	46	27.9?	28	98	S	177.68	W	61	*	4.7 4.8	1.2	10	KERMADEC ISLANDS REGION
	22	17	39	00.6	29	755	N	31.535	E	10	G	4.5	0.8	31	EGYPT. MD 4.2 (HLW), 4.1 (RYD). Four people killed and at least 50 injured in the Cairo area.
	22	17	51	20.8&	33	964	N	116.337	W	6				12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.0 (GS).
	22	17	55	50.4?	28	05	S	66.63	W	177	?		0.2	5	CATAMARCA PROVINCE, ARGENTINA
	22	18	07	25.1%	18	249	N	65.850	W	10	G		0.5	6	PUERTO RICO REGION
a	22	18	25	56.4	4	222	S	126.155	E	316	D	5.4	0.9	223	BANDA SEA
a	22	18	56	39.0	30	101	S	177.271	W	10	G	5.3 5.2	1.4	30	KERMADEC ISLANDS, NEW ZEALAND
	22	19	07	09.3	37	881	N	20.925	E	10	G	4.5	1.2	71	IONIAN SEA. ML 4.1 (ATH), 4.0 (THE), 3.9 (TIR).
	22	20	00	13.5*	28	318	S	177.488	W	10	G	5.0 5.0	1.2	12	KERMADEC ISLANDS REGION
	22	20	27	19.0?	29	20	S	176.79	W	33	N	4.9 4.9	1.1	10	KERMADEC ISLANDS REGION
	22	22	55	28.9%	16	595	N	61.463	W	33	N		0.5	6	LEEWARD ISLANDS. ML 2.7 (FDF).
f	22	23	08	27.1	30	125	S	177.000	W	16	G	5.7 6.4	1.1	254	KERMADEC ISLANDS, NEW ZEALAND. Ms 6.5 (BRK). Mo=7.9*10**18 Nm (PPT). Depth from broadband displacement seismograms.
	22	23	19	00.9?	30	35	S	177.31	W	33	N	5.1	1.5	10	KERMADEC ISLANDS, NEW ZEALAND
	22	23	44	54.2*	29	914	S	177.223	W	32	*	5.0	1.1	23	KERMADEC ISLANDS, NEW ZEALAND
	22	23	56	16.6*	28	432	S	177.816	W	10	G	4.6	1.0	7	KERMADEC ISLANDS REGION
	23	00	24	40.3	31	700	S	68.014	W	10	G		1.1	8	SAN JUAN PROVINCE, ARGENTINA
	23	00	26	36.2	49	153	N	6.865	E	10	G		0.6	11	GERMANY. ML 2.3 (STR). MD 2.2 (UCC).
	23	00	57	46.5	30	112	S	177.171	W	10	G	5.4 5.4	1.0	48	KERMADEC ISLANDS, NEW ZEALAND
	23	01	25	10.2*	33	606	N	139.584	E	33	N	4.2	0.9	8	SOUTH OF HONSHU, JAPAN
	23	01	40	42.0	29	950	S	177.074	W	33	N	5.1 5.6	1.3	41	KERMADEC ISLANDS, NEW ZEALAND
	23	01	56	41.7%	45	728	N	26.043	E	33	N		0.6	5	ROMANIA
	23	01	57	17.9*	30	055	S	177.139	W	10	G	4.9	1.4	12	KERMADEC ISLANDS, NEW ZEALAND. Felt (III) on Raoul Island.
	23	02	09	02.6?	19	14	N	64.78	W	10	G		0.3	7	VIRGIN ISLANDS
	23	02	46	46.8?	43	73	N	148.94	E	10	G	4.0	1.2	7	EAST OF KURIL ISLANDS
	23	03	33	20.7*	47	632	N	16.722	E	10	G		1.1	5	AUSTRIA. ML 2.8 (BRA), 2.4 (VIE).
	23	03	52	58.6*	16	878	N	60.985	W	26	*		0.4	11	LEEWARD ISLANDS. ML 3.6 (FDF).
	23	04	11	23.6*	35	526	N	140.332	E	66	?	4.5	0.7	12	NEAR EAST COAST OF HONSHU, JAPAN
a	23	04	27	51.9*	29	574	S	176.829	W	33	N	4.9 5.3	1.4	15	KERMADEC ISLANDS REGION
	23	04	49	15.7?	28	91	S	176.12	W	10	G	4.8	1.3	9	KERMADEC ISLANDS REGION
	23	04	52	43.2	2	545	N	79.879	W	10	G	5.0 4.0	1.1	65	SOUTH OF PANAMA
	23	04	53	50.1*	26	070	N	110.500	W	10	G		0.9	9	GULF OF CALIFORNIA
	23	05	14	38.6&	34	981	N	116.945	W	4				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	23	05	26	44.6*	26	180	N	109.847	W	10	G	4.2	1.5	27	GULF OF CALIFORNIA
	23	06	34	07.5*	37	813	S	177.929	E	150	*		1.1	27	OFF E. COAST OF N. ISLAND, N.Z.
	23	06	35	53.5&	33	009	N	117 802	W	6	G			11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS).
	23	07	50	06.3&	59	645	N	150.901	W	43				56	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.6 (AEIC).
	23	08	30	22 0*	30	041	S	176 803	W	10	G	4.9 4.7	1.3	23	KERMADEC ISLANDS REGION
a	23	09	11	09.0	31	355	N	4.318	W	29	D	5.3 5.2	1.1	316	MOROCCO. MD 5.2 (RBA). mbLg 5.0 (MDD). At least two people killed at Rissani. Felt (VI) at Rissani and (V) at Erfaud. Felt throughout much of Morocco from Fes to Morrokech.
	23	09	21	11.7	45	797	N	26.734	E	70		4.8	1.1	151	ROMANIA. Felt (III) at Bucharest. Felt (II) at Chisinau, Moldova. Also felt at Silistra, Bulgaria.
	23	09	25	47.5&	58	970	N	153.007	W	68				46	KODIAK ISLAND REGION. <AEIC>. ML 2.8 (AEIC).
a	23	09	28	02.4	6	659	N	77.193	W	10	G	5.2 4.9	1.1	123	NEAR WEST COAST OF COLOMBIA. Felt at Medellin and Monizoles.
	23	09	58	55.7*	52	166	N	171.033	W	33	N	4.4 4 8	0.9	31	FOX ISLANDS, ALEUTIAN ISLANDS
	23	10	27	13.3	43	419	N	5.451	E	5			0.6	14	NEAR SOUTH COAST OF FRANCE
	23	10	37	25.4&	34	154	N	116.426	W	3				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
	23	10	39	51.5	30	246	N	142.199	E	33	N	4.9 4.7	1.1	64	SOUTH OF HONSHU, JAPAN
	23	10	49	08.9*	42	015	S	178.896	E	33	N	3 2	0 6	25	OFF E. COAST OF S. ISLAND, N.Z. ML 3.8 (WEL).
	23	10	51	45.7&	63	412	N	148.607	W	16				52	CENTRAL ALASKA. <AEIC>. ML 2.9 (AEIC), 3.2 (PMR).
	23	11	02	58.5?	11	22	N	86.51	W	10	G	4.4 3.8	1 0	21	NEAR COAST OF NICARAGUA
	23	11	31	25.9*	46	715	N	15.137	E	10	G		1.1	6	NORTHWESTERN BALKAN REGION. MD 2.5 (LJU). ML 2.4 (VIE).
	23	11	42	41.8?	17	02	S	167.96	E	33	N	4.5	0.2	5	VANUATU ISLANDS
	23	11	51	07.9*	19	059	N	121.055	E	33	N	4.5 3.9	1.4	22	PHILIPPINE ISLANDS REGION
	23	12	28	27.9%	43	511	N	13.558	E	10	G		1.1	5	CENTRAL ITALY. MD 3.0 (LJU).
	23	12	31	45 5	38	819	N	140.686	E	10	G	4.9	1.3	18	EASTERN HONSHU, JAPAN
a	23	13	04	40.7	5	352	S	152 616	E	31	D	5.8 6.5	1.0	287	NEW BRITAIN REGION, P.N.G. Ms 7.0 (BRK). Mo=1.6*10**19 Nm (PPT). Felt (IV) at Rabaul.
	23	13	12	56.2?	5	23	S	152 66	E	33	N	4.7	1.3	8	NEW BRITAIN REGION, P.N.G.
	23	13	28	24.4?	41	56	N	22.39	E	10	G		0.3	5	NORTHWESTERN BALKAN REGION. ML 2.1 (SKO).
	23	13	31	30.3	5	325	S	152.682	E	33	N	5.0	1.1	38	NEW BRITAIN REGION, P.N.G.
	23	14	15	02.9	5	358	S	152.826	E	33	N	4.8	1.0	33	NEW BRITAIN REGION, P.N.G.
	23	14	15	52.9&	34	567	N	116.304	W	0				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 2.7 (GS).
	23	14	38	08.4?	42	92	N	12.52	E	10	G		1.0	4	CENTRAL ITALY
	23	14	43	26 8&	59	971	N	141.422	W	7				33	SOUTHEASTERN ALASKA. <AEIC> ML 2.9 (AEIC), 3.2 (PGC).
	23	15	23	30.7?	36	46	S	177.67	E	253	?		0.6	20	OFF E. COAST OF N. ISLAND, N.Z.
	23	15	25	47.9?	40	56	N	22.67	E	33	N		0.7	4	GREECE. ML 1.4 (THE).
a	23	15	29	12.6	5	282	S	152.639	E	33	N	5.6 5.6	1.0	179	NEW BRITAIN REGION, P.N.G.
	23	15	37	54.3%	36	480	N	3.118	W	10	G		1.2	13	STRAIT OF GIBRALTAR mbLg 3.2 (MDD).
	23	16	06	17.5	5	903	S	104.934	E	87	*	5.1	1.1	69	SOUTHERN SUMATERA, INDONESIA
	23	16	45	43.7	5	286	S	152.664	E	32	D	5.0	1.4	60	NEW BRITAIN REGION, P.N.G.
	23	16	52	12.7*	51	510	N	16.115	E	10	G		0.6	14	POLAND. ML 3.8 (GRF), 3.8 (VIE).
	23	17	09	32.0	41	077	N	22.472	E	12	*		0.5	9	NORTHWESTERN BALKAN REGION. ML 2.4 (SKO), 2.2 (THE).
	23	17	26	24.7*	5	259	S	152.778	E	33	N	4.6	1.3	20	NEW BRITAIN REGION, P.N.G.
	23	17	28	37.0	5	387	S	152.769	E	33	N	4.9 4.4	1.1	44	NEW BRITAIN REGION, P.N.G.
	23	17	37	23.9*	5	357	S	152.755	E	33	N	4.8	0.9	12	NEW BRITAIN REGION, P.N.G.
	23	17	45	00.7*	5	248	S	152.816	E	33	N	4.7	1.4	23	NEW BRITAIN REGION, P.N.G.
	23	18	02	15.4%	10	095	N	83.951	W	10	G		0.4	7	COSTA RICA
	23	18	24	17.4?	45	72	N	26.54	E	105	?		1 0	5	ROMANIA
	23	18	30	41.8	52	908	N	159.762	E	58	*	4.8	0.9	63	OFF EAST COAST OF KAMCHATKA
a	23	19	16	42.8	5	327	S	152.661	E	30	D	5.5 5.4	1.0	133	NEW BRITAIN REGION, P.N.G.
	23	19	50	57.0*	5	524	S	152.696	E	33	N	4.6	1.2	19	NEW BRITAIN REGION, P.N.G.

	23	20 09 54.2*	41.078	N	22.473	E	10	G			0.3	5	NORTHWESTERN BALKAN REGION. ML 1.0 (SKO)
	23	20 31 56.4	21.933	S	68.276	W	134		4.7		0.6	26	CHILE-BOLIVIA BORDER REGION
a	23	21 24 36.1	9.469	S	122.560	E	33	N	6.0	5.6	1.3	289	SAVU SEA
	23	22 06 31.3%	39.259	N	28.121	E	10	G			0.4	5	TURKEY
	23	22 36 25.4	44.016	N	11.831	E	29				0 8	31	NORTHERN ITALY. ML 3.0 (LDG). MD 3.1 (LJU).
f	23	23 19 45.2	42.589	N	45.104	E	16	G	6.1	6.5	1.0	591	EASTERN CAUCASUS. Ms 6.8 (BRK). Mo=7.3*10**18 Nm (OBN). At least one person killed, 10 injured and several houses damaged (VIII) in the Barisakho-Kazbegi area, Georgia. Landslides reported in the epicentral area. Felt (VI) at Tskhinvali and Bakuriani; (V) at Tbilisi and Kutoisi, Geargia. Felt (V) at Graznyy and Vladikavkaz; (IV) at Sochi and Pyatigorsk, Russia. Alsa felt (IV) at Akstafa and Kazakh; (III) at Tauz and Tsey, Azerboijan. Depth from braadband displacement seismagrams.
	24	00 14 40.2	42.485	N	44.931	E	33	N	4.6		1.3	29	NORTHWESTERN CAUCASUS
	24	00 25 24.3*	7.320	S	128.665	E	172	?	4.9		1.0	14	BANDA SEA
	24	00 26 44.9%	18.832	N	103.102	W	33	N			1.3	8	NEAR COAST OF MICHOACAN, MEXICO
	24	00 46 53.1	42.428	N	44.865	E	33	N	3.5		1.5	12	NORTHWESTERN CAUCASUS
	24	00 52 18.7?	61.29	N	4.63	E	10	G			0.3	4	SOUTHERN NORWAY. MD 2.0 (BER).
	24	00 52 57.5	5.367	S	152.793	E	33	N	5.0		1.1	23	NEW BRITAIN REGION, P.N.G.
	24	00 59 47.7	29.996	S	177.074	W	10	G	5.3	5.7	1.2	76	KERMADEC ISLANDS, NEW ZEALAND
	24	01 06 48.4&	63.061	N	148.508	W	71					57	CENTRAL ALASKA. <AEIC>.
	24	02 25 35.5?	41.71	N	13.89	E	10	G			0.9	4	SOUTHERN ITALY
	24	03 20 31.8%	42.629	N	13.211	E	10	G			1.2	6	CENTRAL ITALY
	24	03 20 52.9?	41.49	N	23.18	E	10	G			0.5	4	GREECE-BULGARIA BORDER REGION
	24	04 25 57.2*	51.819	N	173.099	W	33	N	4.8		1.1	13	ANDREANOF ISLANDS, ALEUTIAN IS.
	24	04 26 29.8*	30.032	S	177.037	W	10	G	4.9		1.5	14	KERMADEC ISLANDS, NEW ZEALAND
	24	04 33 16.8*	5.367	S	152.663	E	33	N	4.8	4.7	1.4	30	NEW BRITAIN REGION, P.N.G.
	24	04 43 40.0*	31.631	S	69.345	W	119	*			0.6	7	SAN JUAN PROVINCE, ARGENTINA
	24	04 50 49.1?	16.11	S	71.91	W	146	?	4.1		0.5	5	SOUTHERN PERU
	24	07 16 38 0&	34.977	N	116.933	W	1					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.4 (GS).
	24	08 14 06.3?	38.42	S	176.07	E	33	N			0.6	7	NORTH ISLAND, NEW ZEALAND. ML 4.1 (WEL).
f	24	08 23 01.1	29.536	S	177.279	W	19	G	5.8	6.2	1.2	281	KERMADEC ISLANDS, NEW ZEALAND. Ms 6.6 (BRK). Mo=1.3*10**19 Nm (PPT). Felt (IV) on Raoul Island. Depth fram braadband displacement seismograms.
	24	09 11 17.2	42.285	N	19.420	E	10				0.6	10	NORTHWESTERN BALKAN REGION. ML 2.4 (TTG).
	24	09 23 00.1%	39.012	N	27.701	E	10	G			0.7	5	TURKEY
	24	09 26 37.2	5.333	S	152.633	E	33	N	5.0	5.6	1.0	45	NEW BRITAIN REGION, P.N.G.
	24	09 26 40.6%	44.455	N	7.285	E	10	G			0.3	6	NORTHERN ITALY. ML 1.8 (GEN).
	24	09 44 44.5*	5.443	S	152.710	E	33	N	4.5		1.5	10	NEW BRITAIN REGION, P.N.G.
	24	10 30 32.8	24.332	S	68.233	W	70	*	4.7		1.1	36	CHILE-ARGENTINA BORDER REGION
	24	11 47 14.4	29.944	S	177.113	W	10	G	5.1	5.1	1.0	62	KERMADEC ISLANDS, NEW ZEALAND. Felt (III) an Raaul Island.
	24	12 28 11.2*	24 040	N	121.983	E	10	G	3.9		0.6	5	TAIWAN
	24	12 36 39.3?	38.43	N	142.21	E	33	N	4.5		0.9	8	NEAR EAST COAST OF HONSHU, JAPAN
	24	12 37 47 6*	1.419	N	129.234	E	33	N	5.0		1.3	14	HALMAHERA, INDONESIA
	24	12 54 21.9?	31.52	N	130.08	E	95	?	4.6		1.2	11	KYUSHU, JAPAN
	24	13 31 51 3&	58.535	N	155.500	W	140					45	ALASKA PENINSULA. <AEIC>.
	24	13 39 08.5	41.079	N	22.463	E	10	G			0.7	9	NORTHWESTERN BALKAN REGION. ML 2.1 (THE), 1.7 (SKO).
	24	13 39 10.5	29.972	S	177.277	W	43	D	5.3	5.0	1.2	104	KERMADEC ISLANDS, NEW ZEALAND
	24	13 46 48.3	29.796	S	177.066	W	10	G	5.0	5.5	1.1	27	KERMADEC ISLANDS, NEW ZEALAND. Felt (III) an Raoul Island.
	24	14 03 00 5&	58.310	N	151.358	W	11					81	KODIAK ISLAND REGION. <AEIC>. ML 3.9 (AEIC), 3.8 (PMR).
	24	14 22 24.7&	34.406	N	116.510	W	1					8	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 2.8 (GS). Felt (III) at Pioneertawn.
	24	14 43 34.8	41.176	N	21.964	E	10	G			0.6	6	NORTHWESTERN BALKAN REGION. ML 2.3 (THE), 2.2 (SKO).
	24	14 46 02.8?	43.37	N	147.42	E	33	N	4.6		1.0	13	KURIL ISLANDS
	24	15 00 18.7	51.274	N	179.064	E	33	N	4.9	4.7	0.9	84	RAT ISLANDS, ALEUTIAN ISLANDS. ML 5.1 (PMR).
	24	15 19 36.3*	24.792	N	95.164	E	33	N	4.3		0.7	9	MYANMAR
	24	15 32 38.6*	7.015	N	76.694	W	33	N	4.4		1.5	16	NORTHERN COLOMBIA
	24	16 06 07.1%	60.460	N	5.177	E	10	G			0.3	5	SOUTHERN NORWAY. MD 1.7 (BER).
	24	17 09 08.4?	28.73	S	177.85	W	33	N	4.3		1.3	7	KERMADEC ISLANDS REGION. Felt (III) an Raoul Island.
	24	17 46 02 9%	38 276	N	2.169	W	10	G			0.3	6	SPAIN. mbLg 2.7 (MDD).
	24	17 47 39.9	38.329	N	22.555	E	10	G			0.9	18	GREECE. ML 3.3 (ATH), 3.3 (THE).
	24	17 54 25.9%	39.351	N	20.573	E	10	G			0.8	5	GREECE-ALBANIA BORDER REGION
	24	18 24 34.0&	39.972	N	121.710	W	19					8	NORTHERN CALIFORNIA. <GM-P>. MD 3.1 (GM).
	24	18 29 45.6&	63.158	N	150.059	W	101					10	CENTRAL ALASKA. <AEIC>.
	24	18 44 49.7	42.620	N	13.273	E	13		3.6		1.1	108	CENTRAL ITALY. ML 3.9 (LDG), 3.9 (TTG), 3.8 (TIR). MD 3.8 (FIR), 3.8 (TRI).
a	24	18 59 57.2	5.759	S	145.449	E	110		5.6		0.9	152	EASTERN NEW GUINEA REG., P.N.G.
	24	19 36 45.4	39.291	N	25.465	E	9		4.2		0.8	39	AEGEAN SEA. ML 4.1 (ATH), 3.7 (THE).
	24	20 47 22.4	42.571	N	13.212	E	10	G			1.1	35	CENTRAL ITALY. ML 3.5 (LDG). MD 3.2 (FIR).
	24	22 14 34 6*	5.832	S	146.812	E	34	*	4.7		0.8	8	EASTERN NEW GUINEA REG., P.N.G.
a	24	22 16 07.8	11.829	N	142.050	E	43	D	5.5	4.9	1.0	175	SOUTH OF MARIANA ISLANDS
	24	22 23 57.1*	5.841	S	146.820	E	33	N	4.7		0.5	5	EASTERN NEW GUINEA REG., P.N.G.
a	24	23 00 28.7	30.090	S	177.215	W	10	G	5.5	5.2	1.1	159	KERMADEC ISLANDS, NEW ZEALAND
a	25	00 29 18.3	29.900	S	177.352	W	26	D	5.7	5.8	1.1	212	KERMADEC ISLANDS, NEW ZEALAND. Felt (IV) on Raoul Island.
	25	01 23 01.1&	33.871	N	118.669	W	13					26	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.2 (GS).
	25	02 20 33.7?	44.79	N	6.76	E	10	G			0.4	4	FRANCE. ML 1.5 (GEN).
	25	03 07 35.7	37.367	N	116.671	W	5	G			0.6	14	SOUTHERN NEVADA. ML 3.0 (GS).
	25	04 22 13.4&	60.519	N	150.914	W	42					52	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.5 (AEIC).
	25	04 42 08.2*	29.838	S	176.806	W	10	G	4.9		1.3	12	KERMADEC ISLANDS REGION
	25	05 27 13.4*	19.595	N	103.930	W	33	N	4.2		1.3	21	JALISCO, MEXICO
	25	05 37 06.4?	44.92	N	6.83	E	10	G			0.1	4	FRANCE. ML 1.0 (GEN).
	25	05 41 31 3?	28.58	S	177.52	W	10	G	4.4		1.6	6	KERMADEC ISLANDS REGION. Felt (II) an Raaul Island.
	25	07 13 34.8?	16.58	N	100.16	W	33	N			1.4	6	NEAR COAST OF GUERRERO, MEXICO
	25	07 22 35.0?	29.28	S	176.95	W	33	N	4.7	5.0	1.4	8	KERMADEC ISLANDS REGION. Felt (III) an Rooul Island.
	25	07 39 06.2&	65.965	N	148.829	W	9					11	NORTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	25	09 54 23.2?	13.05	N	89.11	W	33	N			0.4	6	EL SALVADOR. Felt (III) at San Salvador.
	25	09 55 33.5?	35.84	N	8.30	W	10	G			0.7	11	WEST OF GIBRALTAR. mbLg 2.9 (MDD).
	25	10 12 07.6&	59.794	N	152.020	W	69					49	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).

	25	10	18	19.4%	17	026	N	99.701	W	33	N		0.5	7	GUERRERO, MEXICO
	25	10	59	04.0&	59	074	N	151.062	W	17				61	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.7 (AEIC).
	25	11	16	40.5?	2	21	N	97.26	W	10	G	4.5 4.4	0.7	18	WEST OF GALAPAGOS ISLANDS
	25	11	17	47.6?	2	55	N	97.57	W	10	G	4.5	0.3	8	WEST OF GALAPAGOS ISLANDS
	25	12	16	20.8?	39	10	N	27.55	E	10	G		0.1	4	TURKEY
	25	12	51	36.6?	27	59	S	65.88	W	70	?		0.4	5	TUCUMAN PROVINCE, ARGENTINA
	25	13	19	10.3&	63	316	N	149.840	W	109				49	CENTRAL ALASKA. <AEIC>.
	25	14	37	14.3•	36	810	S	177.035	E	24	•		0.6	7	OFF E. COAST OF N. ISLAND, N.Z. ML 3.9 (WEL).
	25	14	37	31.7?	5	83	S	106.78	E	104	?	5.3	0.6	11	JAWA, INDONESIA
	25	14	43	09.4•	5	293	S	152.672	E	72	?	4.5	0.9	10	NEW BRITAIN REGION, P.N.G.
	25	14	56	13.7•	31	004	S	70.534	W	106	•	4.8	1.1	15	CHILE-ARGENTINA BORDER REGION
	25	15	00	07.1	5	910	S	103.712	E	56	D	5.2	0.9	117	SOUTHERN SUMATERA, INDONESIA
	25	15	37	34.4•	51	180	N	15.664	E	10	G		0.5	7	POLAND. MG 3.0 (WAR).
	25	16	31	48.0?	16	89	N	102.43	W	33	N		0.7	8	OFF COAST OF GUERRERO, MEXICO
	25	17	36	54.1•	19	160	S	69.401	W	152	•	4.0	1.3	13	NORTHERN CHILE
	25	17	43	20.9?	29	06	S	176.93	W	33	N	4.5	1.2	7	KERMADEC ISLANDS REGION
	25	18	04	26.0•	51	048	N	15.822	E	10	G		1.5	5	POLAND. MG 2.9 (WAR).
	25	19	30	32.5•	37	171	N	21.578	E	10	G		1.5	6	SOUTHERN GREECE. ML 3.5 (ATH).
	25	20	12	00.2?	16	98	N	100.05	W	10	G		1.6	5	NEAR COAST OF GUERRERO, MEXICO
	25	21	25	47.7	43	074	N	0.451	W	10	G		0.5	13	PYRENEES. ML 2.8 (LDG), 2.3 (STR). Felt (IV) at Castet and in the Ossau Valley, France.
	25	22	05	55.1?	15	72	N	59.93	W	33	N		0.3	7	LEEWARD ISLANDS. ML 3.3 (FDF).
	25	22	16	19.4%	65	333	N	0.546	E	10	G		1.1	13	NORWEGIAN SEA
	25	23	15	25.0	41	416	N	6.988	W	33	N		0.6	18	PORTUGAL. mbLg 4.1 (MDD). Felt (III) in the Macedo de Cavaleiros area. Felt (III) in Zamora, southern Orense and western Salamonca Provinces, Spain.
	26	00	37	35.6•	40	016	N	19.766	E	5	G		1.4	13	ALBANIA. ML 2.8 (TIR).
	26	03	19	39.2&	40	307	N	124.545	W	20				5	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 3.1 (GM).
	26	03	28	42.4?	21	51	S	179.10	W	632	?	4.8	1.1	17	FIJI ISLANDS REGION
	26	03	56	56.0?	39	82	N	24.49	E	10	G		1.4	4	AEGEAN SEA. ML 2.5 (THE).
	26	04	29	18.7	7	448	N	76.559	W	10	G	5.0 4.4	1.1	84	NORTHERN COLOMBIA. MD 4.8 (UPA).
	26	04	41	37.7?	19	13	N	66.44	W	33	N		0.3	7	PUERTO RICO REGION
	26	04	51	38.2	37	848	N	26.713	E	10	G		0.7	17	DODECANESE ISLANDS. MD 3.8 (ATH).
	26	05	43	46.9•	31	870	S	71.367	W	61	?		1.5	9	NEAR COAST OF CENTRAL CHILE
	26	05	52	31.7%	46	694	N	0.398	W	10	G		1.0	9	FRANCE. ML 2.3 (LDG).
	26	05	55	21.6%	46	516	N	1.085	E	10	G		0.9	8	FRANCE. ML 2.0 (LDG).
	26	06	34	53.7?	44	26	N	7.46	E	10	G		0.2	4	NORTHERN ITALY. ML 1.3 (GEN).
	26	06	55	14.5&	35	946	N	120.494	W	10				19	CENTRAL CALIFORNIA. <GM-P>. MD 3 3 (GM). ML 2.9 (BRK).
	26	07	00	49.7&	63	434	N	151.093	W	15				49	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC), 3.1 (PMR).
	26	07	27	40.5&	35	947	N	120.487	W	10				28	CENTRAL CALIFORNIA. <GM-P>. MD 3.9 (GM). ML 3.3 (BRK). Felt (IV) at Son Ardo and (III) at Brodley, Crestan, Porkfield and Shandon.
	26	07	44	58.5&	34	610	N	116.575	W	9				11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	26	07	53	59.1?	36	53	N	3.08	W	10	G		1.5	5	STRAIT OF GIBRALTAR. mbLg 3.2 (MDD). Felt (III) in the Turon area, Spain.
	26	07	56	35.2&	46	857	N	120.721	W	0				109	WASHINGTON. <SEA-P>. MD 3.5 (SEA). ML 3.5 (GS). Felt (V) at Noches. Also felt at Selah.
	26	08	01	26.7?	36	78	N	4.23	W	10	G		0.9	4	STRAIT OF GIBRALTAR. mbLg 2.9 (MDD).
	26	08	16	56.9%	40	397	N	23.316	E	10	G		0.4	6	GREECE. ML 1.6 (THE).
	26	09	04	40.2	41	548	N	24.154	E	10	G		0.1	9	GREECE-BULGARIA BORDER REGION. ML 2.8 (THE).
	26	09	34	55.6	38	097	N	22.110	E	10	G		0.9	14	GREECE. ML 3.1 (THE), 3.0 (ATH).
	26	09	37	04.1	49	190	N	6.913	E	10	G		0.6	9	GERMANY. ML 2.3 (STR).
	26	09	49	19.9?	7	30	N	77.07	W	33	N		1.0	6	PANAMA-COLOMBIA BORDER REGION
	26	10	16	32.8	41	949	N	142.355	E	79		4.2	1.0	19	HOKKAIDO, JAPAN REGION
	26	10	25	27.3%	41	113	N	28.730	E	10	G		0.2	6	TURKEY
	26	10	37	28.2&	63	260	N	151.059	W	7				47	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC), 3.1 (PMR).
	26	11	30	21.4?	39	05	N	27.64	E	10	G		1.1	4	TURKEY
	26	13	10	59.2?	34	57	S	72.27	W	33	N		0.8	13	NEAR COAST OF CENTRAL CHILE. MD 4.4 (SAN).
	26	13	22	39.2%	39	107	N	27.625	E	10	G		0.7	5	TURKEY
a	26	13	29	51.2	3	082	S	138.892	E	79	D	5.1	1.2	60	IRIAN JAYA, INDONESIA
	26	14	28	47.0?	37	08	S	176.58	E	351	?		0.4	22	NORTH ISLAND, NEW ZEALAND
o	26	14	47	11.1	17	910	S	179.750	E	629		4.9	1.2	87	FIJI ISLANDS
	26	15	00	04.7•	7	407	S	120.321	E	658	•	4.7	0.8	16	FLORES SEA
	26	15	01	08.4?	18	20	S	177.38	W	382	•	4.5	1.1	20	FIJI ISLANDS REGION
	26	15	23	52.9&	34	471	N	116.490	W	2				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	26	16	17	14.3•	4	548	N	127.740	E	147	?	4.6	0.7	14	TALAUD ISLANDS, INDONESIA
	26	17	01	10.5?	29	72	S	177.13	W	33	N	4.5	1.0	7	KERMADEC ISLANDS, NEW ZEALAND
	26	17	22	21.1?	69	34	N	17.73	E	10	G		0.3	4	NORTHERN NORWAY. MD 2.8 (BER).
	26	17	23	44.7	51	130	N	98.296	E	33	N	4.2	1.1	19	RUSSIA-MONGOLIA BORDER REGION
	26	17	50	30.1?	19	06	S	68.23	W	196	•	5.0	0.9	9	CHILE-BOLIVIA BORDER REGION
	26	19	05	08.9•	37	190	N	21.505	E	10	G		0.7	11	SOUTHERN GREECE. ML 3.4 (ATH), 3.4 (THE).
	26	19	46	49.1	43	340	N	0.564	W	10	G		0.3	11	PYRENEES. ML 2.5 (LDG).
	26	20	13	08.2•	21	468	N	117.228	E	33	N	3.9	1.1	9	TAIWAN REGION. ML 4.2 (BJI).
	26	21	13	12.4?	54	77	N	160.54	E	33	N	4.6	0.9	13	NEAR EAST COAST OF KAMCHATKA
	26	22	17	27.0%	31	819	N	99.564	E	33	N		1.5	6	SICHUAN, CHINA. ML 4.4 (BJI).
	26	22	25	18.4&	59	145	N	150.719	W	17				56	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.4 (AEIC).
	26	22	28	44.4	15	668	N	93.248	W	106	•	4.3	1.4	28	NEAR COAST OF CHIAPAS, MEXICO
	26	22	36	49.7•	8	001	S	122.837	E	238	•	4.8	0.7	11	FLORES REGION, INDONESIA
	26	22	44	13.7•	21	469	S	67.872	W	146	•	5.0	0.7	11	CHILE-BOLIVIA BORDER REGION
	26	23	07	51.5&	40	500	N	124.725	W	20				9	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.0 (BRK).
	27	00	00	50.4•	4	992	S	152.392	E	72	•	4.7	0.6	14	NEW BRITAIN REGION, P.N.G.
	27	00	08	19.9	40	461	S	173.955	E	165	•		1.0	26	COOK STRAIT, NEW ZEALAND
	27	01	14	19.5%	42	328	N	13.394	E	10	G		0.3	5	CENTRAL ITALY
	27	01	40	33.4?	37	20	N	21.63	E	10	G		1.2	7	SOUTHERN GREECE. ML 3.2 (THE), 3.0 (ATH).
	27	02	41	54.1&	60	751	N	151.666	W	74				56	KENAI PENINSULA, ALASKA. <AEIC>.
	27	02	54	35.0	37	977	N	73.643	E	167	•	4.5	1.2	28	TAJIKISTAN
	27	03	12	31.0	44	499	N	7.278	E	10	G		0.7	30	NORTHERN ITALY. ML 3.0 (LDG), 2.9 (GEN).
	27	04	29	00.6	31	338	S	67.840	W	10	G		1.4	12	SAN JUAN PROVINCE, ARGENTINA
	27	05	40	08.1•	36	430	N	22.711	E	10	G		0.9	5	SOUTHERN GREECE. ML 3.2 (ATH).
	27	06	10	27.2&	46	597	N	121.758	W	2				28	WASHINGTON <SEA-P>. MD 2.5 (SEA). Felt (IV) at Packwood. Also felt in the Randle area.
	27	07	51	53.8&	34	051	N	116.399	W	5				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	27	08	42	08.5%	33	485	S	70.539	W	14			0.5	10	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).

	27	08	46	21.7	44.205	N	10.025	E	10	G			1.0	10	NORTHERN ITALY. ML 2.5 (LDG).
	27	08	55	54.6	38.846	N	26.869	E	10	G			0.8	13	AEGEAN SEA. ML 3.4 (THE).
	27	09	12	59.9*	1.831	N	99.397	E	33	N	3.9		1.5	8	NORTHERN SUMATERA, INDONESIA
	27	09	15	24.4&	60.135	N	153.024	W	121					62	SOUTHERN ALASKA. <AEIC>.
	27	09	26	30.9	42.018	N	19.800	E	10	G			0.8	14	NORTHWESTERN BALKAN REGION. ML 2.4 (TTG), 2.3 (TIR).
	27	09	44	48.1	28.820	N	33.136	E	29		3.5		0.8	14	EGYPT. MD 3.9 (HLW), 3.9 (RYD).
	27	10	36	29.6%	43.344	N	18.582	E	10	G			0.9	9	NORTHWESTERN BALKAN REGION. ML 2.4 (TTG).
	27	11	02	48.2	28.835	N	33.166	E	23		4.0		0.6	18	EGYPT. MD 4.2 (HLW), 4.1 (RYD).
	27	11	04	45.7?	37.14	S	176.62	E	300	?			0.7	23	NORTH ISLAND, NEW ZEALAND
	27	12	29	26.0&	59.983	N	151.458	W	67					62	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.8 (AEIC).
	27	13	21	08.9	42.516	N	23.890	E	10	G			0.7	9	BULGARIA. ML 2.7 (THE).
	27	13	52	01.0%	41.139	N	28.492	E	10	G			0.2	5	TURKEY
	27	14	22	39.1%	44.440	N	7.600	E	10	G			0.3	6	NORTHERN ITALY. ML 2.2 (LDG).
	27	14	24	16.1*	3.471	S	144.260	E	17	*	4.5		1.4	17	NEAR N COAST OF NEW GUINEA, PNG.
	27	14	57	51.8%	66.781	N	13.588	E	0	G			0.8	5	NORTHERN NORWAY. MD 3.2 (8ER). Felt. Probable explosion.
	27	16	38	36.4?	43.40	N	18.49	E	10	G			0.7	9	NORTHWESTERN BALKAN REGION. ML 1.9 (TTG).
	27	17	15	05.5*	18.247	S	119.149	E	33	N	3.9		1.2	8	NORTHWEST OF AUSTRALIA
	27	17	38	07.0*	16.596	S	73.105	W	94	?	4.6		1.4	14	NEAR COAST OF PERU
	27	17	52	55.2&	34.563	N	116.515	W	4					5	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS).
	27	18	59	46.6%	42.407	N	19.453	E	10	G			0.2	8	NORTHWESTERN BALKAN REGION. ML 1.4 (TTG).
	27	19	11	44.5*	52.088	N	171.111	W	33	N	4.3		1.0	19	FOX ISLANDS, ALEUTIAN ISLANDS
	27	19	36	53.1	5.571	S	103.796	E	83	*	4.6		0.8	18	SOUTHERN SUMATERA, INDONESIA
	27	19	44	48.5%	46.593	N	7.489	E	10	G			0.5	5	SWITZERLAND. ML 2.4 (LDG).
	27	20	26	43.9*	21.694	S	175.385	W	245	?	4.8		0.8	39	TONGA ISLANDS
	27	20	43	53.5*	30.040	S	67.222	W	33	N			0.5	7	SAN JUAN PROVINCE, ARGENTINA
	27	22	19	21.1&	34.564	N	116.502	W	4					7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	27	22	56	20.3	6.879	N	76.826	W	10	G	4.6	4.7	1.1	39	NORTHERN COLOMBIA. MD 4.9 (UPA).
	27	23	46	16.3%	38.940	N	28.595	E	10	G			0.7	6	TURKEY
	28	00	11	00.3?	42.59	N	13.24	E	10	G			0.0	4	CENTRAL ITALY
	28	00	18	33.8*	24.798	N	122.008	E	89	*			1.3	11	TAIWAN REGION
	28	01	45	13.1%	18.976	N	102.765	W	26	*			1.0	8	MICHOACAN, MEXICO
	28	02	26	10.2	43.700	N	10.863	E	11				0.9	43	CENTRAL ITALY. ML 2.8 (LDG). Felt in the Empoli-Fucecchio-Vinci area.
	28	02	40	53.1%	44.461	N	7.294	E	10	G			0.2	5	NORTHERN ITALY. ML 1.5 (GEN).
	28	02	42	14.2*	40.967	N	72.845	E	33	N	3.9		1.0	6	KYRGYZSTAN
	28	04	30	00.8?	42.66	N	13.19	E	10	G			0.2	4	CENTRAL ITALY
	28	05	09	30.1%	42.823	N	18.635	E	10	G			0.4	9	NORTHWESTERN BALKAN REGION. ML 1.9 (TTG).
	28	06	18	10.6?	33.43	S	72.50	W	24				0.5	10	OFF COAST OF CENTRAL CHILE. MD 3.8 (SAN).
	28	06	22	32.4&	59.794	N	152.614	W	85					54	SOUTHERN ALASKA. <AEIC>.
	28	06	22	50.2*	16.479	S	73.770	W	33	N			0.6	8	NEAR COAST OF PERU
	28	06	39	22.9?	19.29	N	66.48	W	33	N			0.2	8	PUERTO RICO REGION
	28	06	49	09.7?	41.60	N	24.11	E	10	G			0.3	5	GREECE-BULGARIA BORDER REGION. ML 2.6 (THE).
a	28	07	02	09.3	19.004	N	96.277	E	34	D	5	6 5.2	1.0	346	MYANMAR. Felt in Chiang Moi and Mae Hong Son Provinces and at Bangkok, Thailand.
	28	07	45	37.5%	39.452	N	27.728	E	10	G			0.4	7	TURKEY
	28	07	51	21.9&	34.333	N	116.458	W	9					12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.2 (GS), Felt.
	28	07	59	35.6%	39.395	N	27.728	E	10	G			0.9	5	TURKEY
	28	08	17	09.5?	37.50	N	20.22	E	33	N			0.9	12	IONIAN SEA. ML 3.7 (ATH), 3.6 (THE).
	28	08	45	55.0?	41.36	N	22.47	E	10	G			0.2	5	NORTHWESTERN BALKAN REGION. ML 2.2 (THE), 2.0 (SKO).
	28	09	44	21.4*	45.276	S	167.217	E	122	?			0.6	14	SOUTH ISLAND, NEW ZEALAND
	28	09	51	37.2?	44.29	N	148.37	E	33	N			0.4	10	KURIL ISLANDS
	28	10	02	57.4*	29.296	S	176.831	W	33	N	4.9	4.8	1.2	17	KERMADEC ISLANDS REGION
	28	10	18	47.7*	29.196	S	176.589	W	10	G	4.8		1.2	11	KERMADEC ISLANDS REGION
	28	11	41	06.9%	16.114	N	61.629	W	33	N			0.5	5	LEEWARD ISLANDS. ML 2.4 (FDF).
	28	12	27	58.4?	32.58	S	71.59	W	17	*			0.5	9	NEAR COAST OF CENTRAL CHILE. MD 3.5 (SAN).
	28	12	33	45.8	38.429	N	25.248	E	10	G			1.2	32	AEGEAN SEA. ML 4.0 (ATH), 3.7 (THE).
	28	12	58	57.1?	42.43	N	24.02	E	10	G			0.7	6	BULGARIA. ML 2.8 (THE).
	28	13	03	34.6?	33.04	S	70.42	W	101	?			0.2	9	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	28	13	31	05.7*	29.347	S	177.314	W	10	G	4.9		1.4	14	KERMADEC ISLANDS, NEW ZEALAND. Felt (III) on Rooul Island.
	28	13	52	13.0*	33.332	S	72.312	W	29				1.1	21	OFF COAST OF CENTRAL CHILE. MD 4.1 (SAN).
	28	14	07	54.2*	43.353	N	5.413	E	10	G			1.2	26	NEAR SOUTH COAST OF FRANCE. ML 2.7 (STR).
	28	14	10	41.6	7.055	N	76.643	W	10	G	4.7		1.2	29	NORTHERN COLOMBIA. MD 4.6 (UPA).
	28	14	17	26.1*	38.447	N	22.253	E	10	G			0.7	12	GREECE. MD 3.2 (ATH). ML 3.1 (THE).
	28	14	51	55.6&	34.009	N	116.319	W	5					8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	28	14	55	33.7%	44.531	N	7.421	E	10	G			0.6	6	NORTHERN ITALY. ML 1.6 (GEN).
	28	15	04	16.5&	59.914	N	151.726	W	57					86	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.9 (AEIC), 3.2 (PMR). Felt (II) at Homer.
	28	15	36	09.8%	44.301	N	7.487	E	10	G			0.5	8	NORTHERN ITALY. ML 1.7 (GEN).
	28	15	37	32.0	40.383	N	25.787	E	10	G			1.1	8	AEGEAN SEA. ML 3.2 (THE).
	28	15	52	09.6	44.949	N	3.003	E	15				1.1	24	FRANCE. ML 3.3 (LDG), 3.3 (STR).
	28	16	25	00.0%	38.111	N	15.921	E	54	*			1.1	9	SICILY
	28	16	30	18.1%	38.469	N	12.790	E	10	G			1.1	9	SICILY
	28	17	02	07.3?	2.70	S	145.18	E	33	N	4.4		0.7	6	ADMIRALTY ISLANDS REGION, P.N.G.
	28	17	11	00.1%	38.704	N	12.749	E	10	G			1.0	11	SICILY. ML 2.9 (ROM).
	28	18	06	49.2*	30.622	S	71.989	W	12				0.8	16	NEAR COAST OF CENTRAL CHILE. MD 4.1 (SAN).
	28	18	20	00.2&	60.884	N	149.662	W	42					54	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.5 (AEIC).
	28	19	16	53.3	37.860	N	20.245	E	10	G			0.8	16	IONIAN SEA. ML 3.6 (ATH).
	28	20	08	57.0%	61.415	N	5.817	E	10	G			0.4	7	SOUTHERN NORWAY. MD 2.3 (BER).
	28	21	01	25.5?	35.74	S	71.30	W	110	G			0.5	11	CENTRAL CHILE. MD 4.0 (SAN).
	28	21	12	34.4*	44.475	N	139.680	E	33	N	4.7		1.0	10	EASTERN SEA OF JAPAN
	28	21	22	00.9%	36.772	S	177.154	E	10	G			0.4	7	OFF E. COAST OF N. ISLAND, N Z. ML 3.9 (WEL).
	28	21	33	39 6?	43.02	N	147.95	E	33	N	4.5		1.5	5	KURIL ISLANDS
	28	21	54	44.6*	29.719	S	176.487	W	10	G			1.0	7	KERMADEC ISLANDS REGION
	28	21	55	28.9	3.426	S	145.294	E	16	D	5.0	4.6	1.3	28	NEAR N COAST OF NEW GUINEA, PNG.
	28	22	20	27.9%	43.308	N	20.073	E	10	G			0.9	7	NORTHWESTERN BALKAN REGION. ML 2.1 (TTG).
	28	23	15	55.1*	37.758	N	20.921	E	10	G			1.1	10	IONIAN SEA. ML 3.4 (ATH), 3.4 (THE).
	29	00	08	27.1	6.757	N	72.857	W	176	*	4.0		0.7	19	NORTHERN COLOMBIA
	29	00	34	27.3&	60.137	N	152.005	W	60					45	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	29	01	01	41.5	33.049	N	26.180	E	10	G			0.3	10	EASTERN MEDITERRANEAN SEA. MD 3.8 (HLW).
	29	02	01	24.4*	28.863	S	69.974	W	158	?			0.8	13	CHILE-ARGENTINA BORDER REGION. MD 4.2 (SAN).

	29	02	40	08.8	22.379	S	68.533	W	118	D	4.8	1.3	60	NORTHERN CHILE
	29	03	52	41.9*	20.392	S	68.879	W	114	D	4.8	1.3	20	CHILE-BOLIVIA BORDER REGION
a	29	04	48	50.4	17.560	S	179.089	W	561	D	5.1	1.0	112	FIJI ISLANDS REGION
	29	05	54	01.5	17.461	N	61.651	W	10	G		0.5	7	LEEWARD ISLANDS. MD 3.2 (TRN). ML 3.2 (FDF).
	29	06	09	32.5?	46.20	N	151.71	E	33	N	4.1	0.7	5	KURIL ISLANDS
	29	06	39	07.9?	19.37	N	66.49	W	33	N		0.3	7	PUERTO RICO REGION
	29	07	07	30.7&	34.595	N	116.600	W	5				6	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS).
	29	07	24	27.8	6.720	S	154.684	E	74		5.5	1.0	184	SOLOMON ISLANDS
a	29	07	29	57.6	6.834	N	124.006	E	33	N	5.8 5.8	1.1	139	MINDANAO, PHILIPPINE ISLANDS. Felt (IV RF) at Catabata, (III RF) at Cagayan de Ora and (II RF) at Davao.
	29	08	53	57.8*	11.549	S	117.149	E	33	N	4.7	1.3	12	SOUTH OF SUMBAWA, INDONESIA
	29	09	41	07.8&	41.140	N	125.088	W	5				3	OFF COAST OF NORTHERN CALIFORNIA. <GM-P>. MD 2.9 (GM).
	29	10	53	47.7?	4.04	S	152.17	E	142	?	4.6	1.1	6	NEW BRITAIN REGION, P.N.G.
	29	11	40	00.6%	40.727	N	22.717	E	10	G		0.2	6	GREECE. ML 1.9 (THE).
	29	13	34	59.7&	63.278	N	151.097	W	14				44	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC), 3.3 (PMR).
a	29	14	00	16.5	2.252	S	141.181	E	35	D	5.2 4.8	1.0	93	NEAR N COAST OF NEW GUINEA, PNG.
a	29	14	39	17.4	29.225	S	71.222	W	46	D	5.5 4.7	1.1	142	NEAR COAST OF CENTRAL CHILE. MD 5.1 (SAN). Felt (V) at Coquimbo, La Serena and Vallenar; (IV) at Chanaral, Combarbala and Ovalle; (III) at Capiapa; (II) at Caldera and Illopel. Felt (III) at Mendoza, Argentina.
	29	15	04	30.6	6.784	N	126.944	E	33	N	4.3	1.1	21	MINDANAO, PHILIPPINE ISLANDS
	29	15	27	48.1*	29.618	S	178.134	W	33	N	5.0 4.7	1.1	27	KERMADEC ISLANDS, NEW ZEALAND. Felt (III) an Raoul Island.
	29	16	49	04.8?	38.65	N	15.58	E	188	?		1.3	5	SICILY
	29	16	49	06.3	20.508	S	177.785	W	534	*	5.1	0.9	68	FIJI ISLANDS REGION
	29	17	13	55.7	43.383	N	5.412	E	10	G		0.8	15	NEAR SOUTH COAST OF FRANCE. ML 2.6 (STR).
	29	18	25	25.6	37.521	N	134.308	E	406		4.5	0.7	25	SEA OF JAPAN
	29	18	52	36.9?	40.88	N	30.82	E	10	G		0.1	4	TURKEY
	29	19	05	50.4%	33.474	S	70.561	W	10	G		0.7	9	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	29	19	29	07.1%	33.143	S	70.255	W	10	G		0.2	6	CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
	29	19	31	55.7	35.813	S	179.672	W	54	?	5.1 4.8	1.5	53	EAST OF NORTH ISLAND, N.Z.
	29	19	44	55.5	5.846	S	151.625	E	55	*	4.9	0.8	17	NEW BRITAIN REGION, P.N.G.
	29	20	39	40.6?	32.42	S	176.73	W	33	N	3.7	1.3	9	SOUTH OF KERMADEC ISLANDS
	29	21	11	56.1?	29.47	S	70.99	W	193	?		0.5	10	CENTRAL CHILE
	29	21	56	12.9	7.314	N	76.518	W	34		4.9	1.0	123	NORTHERN COLOMBIA. MD 4.8 (UPA).
	29	22	44	46.9	7.012	N	76.825	W	37		5.1 4.2	0.9	129	NORTHERN COLOMBIA. MD 4.8 (UPA).
	30	00	07	18.3&	60.983	N	146.925	W	22				53	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	30	00	33	16.0?	0.24	S	15.72	W	10	G	4.3	1.2	13	NORTH OF ASCENSION ISLAND
	30	00	52	19.1	18.223	S	178.174	W	596		4.9	1.0	49	FIJI ISLANDS REGIDN
	30	00	59	17.1*	51.616	N	7.625	E	10	G		0.9	7	GERMANY. MD 2.7 (UCC). ML 2.6 (BNS).
	30	01	53	44.7*	37.102	N	21.377	E	10	G		1.1	6	SOUTHERN GREECE. ML 3.2 (ATH).
	30	02	34	43.0%	43.360	N	18.568	E	10	G		0.8	9	NORTHWESTERN BALKAN REGION. ML 2.3 (TTG).
f	30	02	49	48.1	29.941	N	138.975	E	393	G	6.0	0.9	627	SOUTH OF HONSHU, JAPAN. Depth from broadband displacement seismagroms.
	30	03	10	42.6?	45.17	N	26.86	E	234	?		0.9	6	ROMANIA
	30	03	13	57.8*	49.129	N	6.854	E	10	G		0.8	7	GERMANY. ML 2.8 (STR).
	30	03	32	05.4?	51.51	N	6.97	E	10	G		1.0	4	GERMANY
	30	04	19	49.2*	37.244	N	26.736	E	10	G		1.2	5	DODECANESE ISLANDS. ML 4.1 (ATH).
	30	04	56	28.4	37.202	N	21.603	E	29		4.0	0.9	31	SOUTHERN GREECE. ML 4.1 (ATH).
	30	04	59	33.9	35.270	N	25.762	E	88		4.5	1.3	91	CRETE. MD 4.1 (ATH), 4.2 (HLW).
	30	05	01	23.5&	61.499	N	150.779	W	53				53	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	30	05	08	05.8	40 604	N	23.932	E	10	G		0.6	8	GREECE. ML 2.8 (THE).
	30	05	36	00.7?	37.56	N	21.52	E	10	G		0.4	5	SOUTHERN GREECE. MD 3.2 (ATH).
	30	05	38	27.9	42.416	N	19.023	E	27	D	4.7	1.3	193	NORTHWESTERN BALKAN REGION. ML 4.6 (ZAG), 4.6 (ROM), 4.5 (TTG), 4.4 (THE), 4.3 (TIR). Felt (VII) at Podgarica; (VI) at Cetinje and Danilovgrad; (V) at Budva, Niksic, Herceg Navi, Bar, Petravac and Katar, Yugoslavia.
	30	05	49	01.9%	42.449	N	19.126	E	10	G		0.7	8	NORTHWESTERN BALKAN REGION. ML 1.7 (TTG).
	30	05	51	53.8%	42.450	N	19.138	E	10	G		0.6	9	NORTHWESTERN BALKAN REGION. ML 2.3 (TTG).
	30	05	53	21.7%	42.444	N	19.132	E	10	G		0.7	9	NORTHWESTERN BALKAN REGION. ML 2.4 (TTG).
	30	06	09	54.6	37.285	N	21.668	E	51		4.4	1.5	60	SOUTHERN GREECE. MD 4.2 (ATH).
	30	06	42	51.5%	39 327	N	0 639	W	10	G		0.9	5	SPAIN. mbLg 3.0 (MDD).
	30	07	01	00.3?	37.33	N	22.44	E	10	G		0.4	8	SOUTHERN GREECE. ML 3.4 (THE).
	30	07	09	28.6?	37.88	N	22.21	E	10	G		0.8	7	SOUTHERN GREECE. ML 3.5 (THE).
	30	07	58	02.6	11.165	S	165.238	E	33	N	5.1 4.6	1.0	30	SANTA CRUZ ISLANDS
	30	08	02	00.0	24.751	N	121.548	E	33	N	3.7	1.1	10	TAIWAN. ML 3.6 (BJI).
	30	08	24	32.2	17 480	N	100.551	W	39	D	4.7	1.2	67	GUERRERO, MEXICO
	30	08	32	10.3	37.374	N	21.850	E	10	G	3.7	1.1	15	SOUTHERN GREECE. ML 3.9 (THE), 3.6 (ATH).
	30	08	45	22.5?	36 99	N	21.46	E	10	G		1.4	5	SOUTHERN GREECE. ML 3.6 (ATH).
	30	09	27	01.9?	40.53	N	21.80	E	10	G		0.5	4	GREECE. ML 1.9 (THE).
a	30	10	15	34.3	5.460	S	151.239	E	75		5.1	0.9	128	NEW BRITAIN REGION, P.N.G.
a	30	10	43	58.4	31 284	N	4.372	W	26	D	5.1 5.2	1.2	321	MOROCCO. mbLg 5.1 (MDD). Felt (VI) at Rissani and (V) at Erfaud.
	30	11	17	25.5%	41.272	N	28.619	E	10	G		0.7	8	TURKEY
	30	13	13	35.4	39.974	N	19.602	E	10	G		1.2	24	GREECE-ALBANIA BORDER REGION. ML 3.4 (THE), 3.3 (TIR). MD 3.4 (ATH).
	30	13	32	45 9	23.733	N	95.926	E	33	N	4.7 4.0	1.4	35	MYANMAR
	30	13	43	05.2*	42.436	N	24.511	E	10	G		0.7	7	BULGARIA. ML 3.2 (THE).
	30	13	52	02.4	37.190	N	21.552	E	10	G	3.9	1.1	30	SOUTHERN GREECE. ML 3.8 (ATH), 3.8 (THE).
	30	13	57	13.8%	44 380	N	7.365	E	10	G		0.3	6	NORTHERN ITALY. ML 1.5 (GEN).
	30	14	15	42.7?	58.02	N	6.28	E	10	G		0.5	7	SOUTHERN NORWAY. MD 2.7 (BER).
o	30	14	56	16.9	31 810	S	178.076	W	52	D	5.3	1.2	59	KERMADEC ISLANDS REGION
	30	15	09	10.7*	43.868	N	18 578	E	10	G		0.7	10	NORTHWESTERN BALKAN REGION. ML 2.8 (TTG).
	30	15	34	28.6%	42.441	N	19.151	E	10	G		0.9	7	NORTHWESTERN BALKAN REGION. ML 1.4 (TTG).
	30	15	50	43.0*	37.396	N	21.628	E	10	G		0.9	5	SOUTHERN GREECE. ML 3.2 (ATH).
	30	16	06	29.0%	33.145	S	70.850	W	10	G		1.2	7	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	30	16	21	27.2?	32.53	S	69.97	W	120	G		0.3	9	MENDOZA PROVINCE, ARGENTINA. MD 3.6 (SAN).
	30	16	33	37.9*	37.410	N	21.738	E	10	G		1.4	12	SOUTHERN GREECE. ML 3.4 (ATH).
a	30	16	53	52.5	7.878	S	107.050	E	65	*	5.1	1.0	67	JAWA, INDONESIA
	30	17	06	46.5&	60.010	N	153.822	W	161				49	SOUTHERN ALASKA. <AEIC>.
	30	18	50	35.5?	15.60	S	173.55	W	89	?	4.8	1.4	15	TONGA ISLANDS
	30	19	41	15.6%	42.456	N	19.113	E	10	G		0.6	8	NORTHWESTERN BALKAN REGION. ML 2.0 (TTG).

	30	19	57	51.8?	37.72	N	20.08	E	10	G			0.1	4	IONIAN SEA. MD 3.4 (ATH).
	30	21	06	17.9?	37.65	S	177.25	E	157	?			0.9	5	OFF E. COAST OF N. ISLAND, N.Z.
	30	21	09	53.3%	35.582	N	3.698	W	10	G			0.9	8	STRAIT OF GIBRALTAR. mbLg 3.1 (MDD).
	30	21	24	45.9?	39.97	N	23.86	E	10	G			0.6	4	AEGEAN SEA. ML 2.2 (THE).
	30	21	39	18.8%	43.091	N	18.967	E	10	G			0.3	9	NORTHWESTERN BALKAN REGION. ML 1.8 (TTG).
	30	21	46	28.4	55.017	N	160.556	W	46		4.8	4.2	0.9	96	ALASKA PENINSULA. ML 4.8 (PMR), 4.7 (AEIC). Felt (IV) at Sand Point and (III) at King Cove.
	30	21	54	25.6?	29.58	S	70.20	W	120	G			1.1	5	CENTRAL CHILE
	30	22	57	07.3?	33.81	S	69.89	W	10	G			0.2	9	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
	30	23	13	53.6?	36.36	S	71.95	W	140	G			0.3	10	CENTRAL CHILE. MD 4.0 (SAN).
	30	23	39	00.5&	63.028	N	149.620	W	90					44	CENTRAL ALASKA. <AEIC>.
	31	00	51	40.1?	34.69	S	70.86	W	100	G			0.1	9	CHILE-ARGENTINA BORDER REGION. MD 3.8 (SAN).
	31	01	42	31.8*	7.501	S	128.087	E	178	?	5.2		1.4	14	BANDA SEA
	31	01	48	02.0%	42.446	N	19.121	E	10	G			0.6	9	NORTHWESTERN BALKAN REGION. ML 1.9 (TTG).
	31	01	56	05.2*	27.652	N	93.158	E	33	N	4.4		0.6	10	NORTHEASTERN INDIA
	31	02	29	04.1%	42.632	N	13.075	E	10	G			0.6	5	CENTRAL ITALY
	31	02	57	57.7*	51.080	N	15.802	E	10	G			0.9	6	POLAND. ML 3.2 (GRF), 3.1 (VIE).
	31	04	43	29.6%	42.630	N	13.094	E	10	G			0.3	5	CENTRAL ITALY
	31	05	14	59.5	6.869	N	126.941	E	48	D	4.9	4.3	0.9	88	MINDANAO, PHILIPPINE ISLANDS
	31	05	19	06.6*	37.257	N	21.536	E	10	G	3.5		0.9	9	SOUTHERN GREECE. ML 3.4 (ATH).
	31	05	20	25.8?	42.38	N	148.21	E	10	G	4.7		0.9	6	OFF COAST OF HOKKAIDO, JAPAN
	31	05	22	21.1?	37.20	N	21.53	E	10	G			0.1	4	SOUTHERN GREECE. ML 3.5 (ATH).
	31	05	53	35.7	57.261	N	142.952	W	10	G			0.4	42	GULF OF ALASKA. ML 3.1 (AEIC), 3.2 (PGC).
	31	06	13	38.3*	33.610	S	71.478	W	65	?			0.6	14	NEAR COAST OF CENTRAL CHILE. MD 4.2 (SAN).
	31	06	35	29.5*	11.496	S	118.945	E	33	N	4.1		0.7	5	SOUTH OF SUMBAWA, INDONESIA
	31	06	42	51.5%	39.327	N	0.639	W	10	G			0.9	5	SPAIN. mbLg 3.0 (MDD).
	31	07	04	43.2*	1.058	S	127.013	E	41	*	4.8		1.4	10	HALMAHERA, INDONESIA
	31	09	06	16.2&	34.641	N	116.500	W	6					7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS).
	31	10	24	42.4*	17.976	S	178.580	W	588	?	4.9		0.8	25	FIJI ISLANDS REGION
	31	10	32	59.8	35.727	N	3.551	W	10	G			1.1	19	STRAIT OF GIBRALTAR. mbLg 3.4 (MDD).
	31	11	01	28.4	32.247	S	71.823	W	14				0.7	16	NEAR COAST OF CENTRAL CHILE. MD 4.3 (SAN).
	31	11	31	39.4	21.172	S	178.901	W	637	D	5.0		0.9	123	FIJI ISLANDS REGION
	31	11	45	51.5&	59.340	N	153.288	W	109					91	SOUTHERN ALASKA. <AEIC>.
	31	12	25	10.1%	21.707	S	126.343	E	10	G			1.3	8	WESTERN AUSTRALIA
	31	12	49	43.2&	40.284	N	124.317	W	9					5	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 3.0 (GM).
	31	13	06	15.5*	51.156	N	178.228	W	33	N	4.7		1.4	33	ANDREANOF ISLANDS, ALEUTIAN IS. Felt on Adak.
	31	13	13	01.0&	61.708	N	151.987	W	118					57	SOUTHERN ALASKA. <AEIC>.
	31	13	18	57.2?	8.02	N	76.64	W	10	G	4.5		0.5	14	NEAR NORTH COAST OF COLOMBIA
	31	14	00	54.4*	11.086	N	74.268	W	33	N	4.5		1.0	15	NEAR NORTH COAST OF COLOMBIA
	31	14	10	59.9?	31.37	S	69.82	W	140	G			0.5	10	SAN JUAN PROVINCE, ARGENTINA. MD 3.8 (SAN).
f	31	14	34	22.4	2 321	S	141.262	E	6	D	5.9	6.4	1.0	411	NEAR N COAST OF NEW GUINEA, PNG. Mo=7.9*10**18 Nm (PPT). Complex event observed on broadband displacement seismograms.
	31	14	46	27.0	2.298	S	141.256	E	29	D	5.8	6.1	1.0	218	NEAR N COAST OF NEW GUINEA, PNG.
	31	15	04	25.2	2.293	S	141.198	E	28	D	5.3	5.4	1.2	74	NEAR N COAST OF NEW GUINEA, PNG.
	31	15	07	47.9	2.408	S	141.170	E	33	N	5.2		0.8	30	NEAR N COAST OF NEW GUINEA, PNG.
	31	15	10	36.2	36.678	N	141.188	E	48	D	4.8		1.1	57	NEAR EAST COAST OF HONSHU, JAPAN
	31	15	29	29.3	2.327	S	141.268	E	27	D	5.3	5.1	1.1	93	NEAR N COAST OF NEW GUINEA, PNG.
	31	15	53	40.6&	33.974	N	116.927	W	5					12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS). Felt.
	31	16	26	12.3	3.129	S	126.610	E	33	N	4.7		1.0	19	BURU, INDONESIA
	31	16	59	58.1*	38.422	N	20.302	E	10	G			1.4	8	GREECE. ML 3.2 (THE). MD 3.2 (ATH).
	31	17	00	30.3&	36.795	N	121.543	W	8					23	CENTRAL CALIFORNIA. <BRK>. ML 3.2 (BRK), 3.2 (GS). Felt in the Monterey-Solinas area.
	31	18	12	52.7*	14.253	N	90.772	W	180	*	4.7		0.9	29	GUATEMALA
	31	18	23	19.4?	17.54	S	65 42	E	10	G	5.1		1.1	20	MAURITIUS-REUNION REGION
	31	19	41	58.5	38.433	S	175.773	E	213				0.5	39	NORTH ISLAND, NEW ZEALAND
	31	19	54	53.1?	22.30	S	169.62	E	33	N	5.1		1.3	11	LOYALTY ISLANDS REGION
	31	20	41	36.2*	37.620	N	134.546	E	407	*	4.5		0.7	18	SEA OF JAPAN
	31	21	00	13.2*	51.172	N	15.993	E	10	G			0.6	5	POLAND
	31	21	25	59.4*	2.388	S	141.460	E	33	N	4.6		0.7	9	NEAR N COAST OF NEW GUINEA, PNG.
	31	21	50	47.2%	37.578	N	3.996	W	10	G			1.0	5	SPAIN. mbLg 2.8 (MDD).
	31	21	59	21.5	38.501	S	176.439	E	173	*			0.7	30	NORTH ISLAND, NEW ZEALAND
	31	22	34	56.9?	10.29	S	124.99	E	33	N	4.3		0.6	5	TIMOR REGION, INDONESIA

ADDITIONAL SOURCE PARAMETERS

01 03 21 04.35 53.591S 51.661W 10km
5.3mb (12 obs.) 5.5Msz (5 obs.)
SOUTH ATLANTIC OCEAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 26S, 49C
Centroid Location:
Origin Time 03:21:12.1 0.2
Lat 53.63S 0.02 Lon 51.48W 0.04
Dep 15.0 FIX Half-duration 1.6
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	3.14	0	110
N	-0.48	90	180
P	-2.66	0	20

Best Double Couple:Mo=2.9*10**17
NP1:Strike=155 Dip=90 Slip=-180
NP2: 245 90 0

01 05 02 34.19 51.123N 177.997W 15km
5.9mb (171 obs.) 5.8Msz (67 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS.
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 72 Dip=73 Slip= 90
NP2: 252 17 90
Principal Axes:

	Plg=	Azm=
T	62	342
P	28	162

Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
RADIATED ENERGY
No. of sta: 19 Focal mech. F
Energy 9.0±1.5*10**12 Nm
MOMENT TENSOR SOLUTION
Dep 6 No. of sta: 23
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	1.47	53	336
N	0.47	4	241
P	-1.94	36	148

Best Double Couple:Mo=1.7*10**18
NP1:Strike=216 Dip= 9 Slip= 65
NP2: 61 82 94
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 36S, 82C M.W.: 14S, 14C
Centroid Location:
Origin Time 05:02:39.3 0.1
Lat 51.13N 0.01 Lon 177.85W 0.02
Dep 15.0 BDY Half-duration 2.6
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	11.92	60	317
N	-0.41	7	59
P	-11.51	29	154

Best Double Couple:Mo=1.2*10**18
NP1:Strike=264 Dip=17 Slip= 116
NP2: 57 75 82

01 08 18 51.77 39.035S 74.911W 28km
5.6mb (22 obs.) 5.0Msz (11 obs.)
OFF COAST OF CENTRAL CHILE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 26S, 47C
Centroid Location:
Origin Time 08:18:52.2 0.4
Lat 39.04S FIX;Lon 74.96W FIX
Dep 15.0 FIX Half-duration 1.6
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	2.00	9	278
N	-0.14	25	184
P	-1.86	63	26

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

NP1:Strike= 35 Dip=42 Slip= -51
NP2: 167 58 -120

01 18 15 40.89 53.655S 51.684W 10km
5.3mb (11 obs.) 5.4Msz (5 obs.)
SOUTH ATLANTIC OCEAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 32S, 61C
Centroid Location:
Origin Time 18:15:48.2 0.2
Lat 54.00S 0.03 Lon 51.38W 0.06
Dep 15.0 FIX Half-duration 1.4
Principal Axes:
Scale 10**17 Nm
T Val= 2.08 Plg=13 Azm=289
N 0.20 59 176
P -2.27 28 26
Best Double Couple:Mo=2.2*10**17
NP1:Strike= 64 Dip=61 Slip= -11
NP2: 160 81 -150

02 10 50 46.19 30.820S 177.557W 33km
5.1mb (20 obs.) 5.3Msz (25 obs.)
KERMADEC ISLANDS, NEW ZEALAND
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 28S, 53C
Centroid Location:
Origin Time 10:50:47.7 0.5
Lat 30.79S 0.07 Lon 177.23W 0.05
Dep 15.0 FIX Half-duration 1.2
Principal Axes:
Scale 10**17 Nm
T Val= 1.62 Plg=63 Azm=275
N 0.14 5 15
P -1.76 26 108
Best Double Couple.Mo=1.7*10**17
NP1:Strike=210 Dip=19 Slip= 106
NP2: 13 72 85

02 19 29 55.14 0.304N 122.618E 107km
5.2mb (42 obs.)
MINAHASSA PENINSULA, SULAWESI
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 21S, 29C
Centroid Location:
Origin Time 19:29:59.0 0.7
Lat 0.72N 0.05 Lon 122.72E 0.07
Dep 90.1 5.8 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 4.55 Plg=57 Azm=242
N -0.70 24 109
P -3.85 22 9
Best Double Couple:Mo=4.2*10**16
NP1:Strike= 63 Dip=32 Slip= 39
NP2: 298 71 115

05 01 51 47.91 15.357N 46.011W 10km
5.0mb (43 obs.) 4.8Msz (24 obs.)
NORTHERN MID-ATLANTIC RIDGE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 19C
Centroid Location:
Origin Time 01:51:53.6 0.6
Lat 15.28N 0.07 Lon 45.73W 0.05
Dep 15.0 FIX Half-duration 1.3
Principal Axes:
Scale 10**16 Nm
T Val= 8.78 Plg= 0 Azm=228
N -0.02 90 180
P -8.76 0 138
Best Double Couple.Mo=8.8*10**16
NP1:Strike=273 Dip=90 Slip=-180
NP2: 3 90 0

06 10 28 22.92 5.425S 151.175E 50km
5.8mb (90 obs.) 5 8Msz (39 obs.)
NEW BRITAIN REGION, P.N.G.
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 65 Dip=45 Slip= 90
NP2: 245 45 90
Principal Axes:
T Plg=90 Azm= 0
P 0 155
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 15 Focal mech. M
Energy 1.2±0.2*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 48 No. of sta: 22
Principal Axes:
Scale 10**18 Nm
T Val= 1.97 Plg=86 Azm=217
N -0.06 3 72
P -1.91 2 342
Best Double Couple:Mo=1.9*10**18
NP1:Strike= 69 Dip=43 Slip= 86
NP2: 255 47 94
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 39S, 94C
Centroid Location:
Origin Time 10:28:31.0 0.2
Lat 5.63S 0.02 Lon 151.58E 0.02
Dep 40.0 BDY Half-duration 2.6
Principal Axes:
Scale 10**18 Nm
T Val= 1.39 Plg=78 Azm= 31
N 0.18 10 245
P -1.57 7 154
Best Double Couple:Mo=1.5*10**18
NP1:Strike=233 Dip=39 Slip= 74
NP2: 73 53 103

06 17 19 08.38 51.171N 177.872W 33km
5.3mb (112 obs.) 5.2Msz (40 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 33S, 54C
Centroid Location:
Origin Time 17:19: 8.2 0.3
Lat 51.11N 0.05 Lon 177.67W 0.06
Dep 15.0 FIX Half-duration 1.2
Principal Axes:
Scale 10**16 Nm
T Val= 10.51 Plg= 4 Azm=240
N -0.30 75 345
P -10.21 15 149
Best Double Couple:Mo=1.0*10**17
NP1:Strike=286 Dip=77 Slip=-172
NP2: 194 83 -13

08 16 34 53.27 51.147N 177.872W 21km
5.6mb (129 obs.) 5.8Msz (60 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 32S, 63C
Centroid Location:
Origin Time 16:34:56.7 0.2
Lat 51.22N 0.02 Lon 177.90W 0.04
Dep 15.0 FIX Half-duration 1.6
Principal Axes:
Scale 10**17 Nm
T Val= 4.73 Plg=24 Azm= 7
N 0.06 2 98
P -4.79 66 193
Best Double Couple.Mo=4.8*10**17
NP1:Strike= 93 Dip=21 Slip= -96
NP2: 279 69 -88

09 09 34 51.00 0.936S 15.966W 10km
5.3mb (40 obs.) 4 9Msz (12 obs.)
NORTH OF ASCENSION ISLAND
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 23S, 33C
Centroid Location:
Origin Time 09:35: 0.1 0.4
Lat 0.78S 0.07 Lon 16.28W 0.06
Dep 15.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**17 Nm
T Val= 1.11 Plg=14 Azm= 90
N -0.04 28 352
P -1.08 58 203
Best Double Couple:Mo=1.1*10**17
NP1:Strike=213 Dip=40 Slip= -42
NP2: 338 65 -122

09 12 16 54.62 51 552N 176.867W 33km
5 3mb (79 obs.) 4.9Msz (37 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 35S, 64C
Centroid Location:
Origin Time 12:16:59.5 0.2
Lat 51.58N 0.02 Lon 176.69W 0.03
Dep 47.0 1.9 Half-duration 1.4
Principal Axes:
Scale 10**17 Nm
T Val= 2.21 Plg=66 Azm=311
N 0.01 6 55
P -2.21 23 148
Best Double Couple:Mo=2.2*10**17
NP1:Strike=250 Dip=23 Slip= 106
NP2: 53 68 84

10 09 50 11.63 20.656S 173.138W 37km
5.2mb (48 obs.) 4.6Msz (16 obs.)
TONGA ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 16S, 28C
Centroid Location:
Origin Time 09:50:13.1 0.5
Lat 20.56S FIX;Lon 173.19W FIX
Dep 25.1 4.4 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 7.57 Plg=17 Azm= 92
N -1.07 4 183
P -6.50 72 284
Best Double Couple:Mo=7.0*10**16
NP1:Strike=176 Dip=28 Slip= -98
NP2: 5 62 -86

10 15 10 50.07 10.167S 161.171E 111km
5.0mb (33 obs.)
SOLOMON ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 26S, 35C
Centroid Location:
Origin Time 15:10:54.4 0.5
Lat 9.67S 0.07 Lon 161.43E 0.05
Dep 99.0 2.7 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 4.79 Plg= 3 Azm=304
N 1.78 32 212
P -6.56 58 38
Best Double Couple:Mo=5.7*10**16
NP1:Strike= 63 Dip=51 Slip= -46
NP2: 186 56 -130

11 19 24 26.29 19.247S 168.948E 129km
6.4mb (91 obs.) 6.8Msz (43 obs.)
VANUATU ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=175 Dip=67 Slip= 90
NP2: 355 23 90
Principal Axes:
T Plg=68 Azm= 85
P 22 265
Comment: The focal mechanism is moderately well controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
RADIATED ENERGY
No. of sta: 16 Focal mech. M
Energy 2.9±0.6*10**15 Nm
MOMENT TENSOR SOLUTION
Dep 152 No. of sta: 21
Principal Axes:
Scale 10**19 Nm
T Val= 5.24 Plg=45 Azm=139
N 0.02 45 322
P -5.27 1 230
Best Double Couple:Mo=5.3*10**19
NP1:Strike=284 Dip=59 Slip= 34
NP2: 175 61 144
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 40S, **C M.W.: 38S, **C
Centroid Location:
Origin Time 19:24:37.9 0.1
Lat 19.17S FIX;Lon 168.83E FIX
Dep 141.1 0.3 Half-duration 12.3
Principal Axes:
Scale 10**20 Nm
T Val= 1.52 Plg=47 Azm=129
N -0.11 32 357
P -1.41 25 250
Best Double Couple:Mo=1.5*10**20
NP1:Strike=293 Dip=35 Slip= 21
NP2: 185 78 123

11 23 20 34.77 50.458N 153.167E 285km
5.6mb (168 obs.)
KURIL ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=220 Dip=65 Slip= 30
NP2: 116 63 152
Principal Axes:
T Plg=38 Azm= 79
P 1 348
Comment: The focal mechanism is moderately well controlled and corresponds to strike-slip faulting with a large reverse component. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 3 Focal mech. F
Energy 4.7±2.6*10**14 Nm

12 13 09 55.51 29.778N 31.144E 22km
5.9mb (162 obs.) 5.3Msz (58 obs.)
EGYPT
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=190 Dip=62 Slip= -53
NP2: 312 45 -139
Principal Axes:
T Plg=10 Azm=254
P 56 150
Comment: The focal mechanism is moderately well controlled and corresponds to normal faulting with a large strike-slip component. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 11 Focal mech. F
Energy 5.1±1.4*10**12 Nm
MOMENT TENSOR SOLUTION
Dep 26 No. of sta: 20
Principal Axes:
Scale 10**17 Nm
T Val= 5.08 Plg=16 Azm= 35
N -0.06 24 297
P -5.02 60 155
Best Double Couple.Mo=5.0*10**17
NP1:Strike=156 Dip=36 Slip= -45
NP2: 285 66 -117
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 32S, 70C
Centroid Location:
Origin Time 13:09:59.2 0.2
Lat 29.74N 0.03 Lon 30.63E 0.03
Dep 22.0 BDY Half-duration 2.0
Principal Axes:
Scale 10**17 Nm
T Val= 5.36 Plg= 3 Azm= 36
N 0.39 10 305
P -5.75 80 145
Best Double Couple.Mo=5.6*10**17
NP1:Strike=136 Dip=42 Slip= -75
NP2: 297 49 -103

12 23 43 14.12 4.286S 153.040E 65km
5.3mb (51 obs.)
NEW IRELAND REGION, P.N.G.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 22S, 36C
Centroid Location:
Origin Time 23:43:15.4 0.5
Lat 4.28S FIX;Lon 152.98E FIX
Dep 15.0 FIX Half-duration 1.3
Principal Axes:
Scale 10**16 Nm
T Val= 13.56 Plg=28 Azm=330
N -0.22 37 216
P -13.34 40 87
Best Double Couple.Mo=1.3*10**17
NP1:Strike=112 Dip=38 Slip= -12
NP2: 211 83 -127

14 01 36 18.70 59 581S 25.979W 33km
5.0mb (9 obs.) 4.8Msz (3 obs.)
SOUTH SANDWICH ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 18C
Centroid Location:
Origin Time 01:36:24.6 0.5
Lat 60.12S 0.09 Lon 25 22W 0.18
Dep 15.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 12.20 Plg=59 Azm=237
N -3.61 1 329
P -8.60 31 59
Best Double Couple:Mo=1.0*10**17
NP1:Strike=152 Dip=14 Slip= 94
NP2: 329 76 89

14 07 56 20.45 46.476N 153.618E 41km
5.2mb (93 obs.) 4.8Msz (34 obs.)
KURIL ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 18S, 30C
Centroid Location:
Origin Time 07:56:23.6 0.3
Lat 46.14N 0.06 Lon 153.63E 0.06
Dep 20.1 2.4 Half-duration 1.0
Principal Axes:
Scale 10**17 Nm
T Val= 1.47 Plg=66 Azm=255
N -0.19 22 54
P -1.28 8 147
Best Double Couple:Mo=1.4*10**17
NP1:Strike=261 Dip=42 Slip= 125
NP2: 38 57 63

15 14 40 23.31 19.157S 169.614E 20km
5.3mb (33 obs.) 5.3Msz (26 obs.)
VANUATU ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 18S, 32C
Centroid Location:
Origin Time 14:40:34.3 2.5
Lat 18.39S 0.21 Lon 169.91E 0.08
Dep 15.0 FIX Half-duration 1.3
Principal Axes:
Scale 10**17 Nm
T Val= 1.25 Plg= 0 Azm=226
N 0.13 0 136
P -1.38 90 180
Best Double Couple.Mo=1.3*10**17
NP1:Strike=316 Dip=45 Slip= -90
NP2: 136 45 -90

15 20 28 19.84 53.851S 6.900E 10km
5.2mb (12 obs.) 4.9Msz (14 obs.)
BOUVET ISLAND REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 23S, 31C
Centroid Location:
Origin Time 20.28:21.1 0.5
Lat 53 87S FIX;Lon 6.88E FIX
Dep 15.0 FIX Half-duration 1.5
Principal Axes:
Scale 10**17 Nm
T Val= 1.14 Plg=18 Azm=196
N 0.71 22 98
P -1.85 60 322
Best Double Couple Mo=1.5*10**17
NP1:Strike=317 Dip=33 Slip= -46
NP2: 88 67 -114

15 22 37 05.91 14.537S 166.711E 25km
6.2mb (89 obs.) 6.7Msz (41 obs.)
VANUATU ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=166 Dip=67 Slip= 157
NP2: 265 69 25
Principal Axes:
T Plg=32 Azm=126
P 1 35
Comment: The focal mechanism is poorly controlled and corresponds to strike-slip faulting with a moderate reverse component. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 18 Focal mech. F
Energy 3.6±0.8*10**14 Nm
MOMENT TENSOR SOLUTION
Dep 67 No. of sta: 26
Principal Axes:
Scale 10**19 Nm
T Val= 1.58 Plg=42 Azm=126
N 0.00 43 272
P -1.58 18 19
Best Double Couple.Mo=1.6*10**19
NP1:Strike=154 Dip=46 Slip= 160
NP2: 258 75 46
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 41S, **C M.W.: 36S, 79C
Centroid Location:
Origin Time 22:37:18.1 0.1
Lat 14.44S 0.01 Lon 166.72E 0.01
Dep 51.5 0.5 Half-duration 6.4
Principal Axes:
Scale 10**19 Nm
T Val= 2.23 Plg=42 Azm=135
N -0.46 46 298
P -1.77 8 37
Best Double Couple:Mo=2.0*10**19
NP1:Strike=167 Dip=55 Slip= 153
NP2: 273 68 39

16 05 02 51.69 51.314N 178.014W 33km
5.5mb (104 obs.) 4.9Msz (39 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 29S, 45C
Centroid Location:
Origin Time 05:02:53.5 0.4
Lat 51.38N 0.05 Lon 179.68W 0.08
Dep 19.7 3.0 Half-duration 1.3
Principal Axes:
Scale 10**17 Nm
T Val= 2.07 Plg=65 Azm= 28
N -0.35 14 264
P -1.72 20 169
Best Double Couple:Mo=1.9*10**17
NP1:Strike=235 Dip=28 Slip= 58
NP2: 91 67 106

16 05 54 30.07 35.526S 179.855W 31km
5.3mb (15 obs.) 5.4Msz (22 obs.)
EAST OF NORTH ISLAND, N.Z.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 30S, 51C
Centroid Location:
Origin Time 05:54:29.9 0.6
Lat 35.83S 0.08 Lon 179.31W 0.07
Dep 15.0 FIX Half-duration 1.6
Principal Axes:
Scale 10**17 Nm
T Val= 2.79 Plg=59 Azm=264
N 0.23 13 16
P -3.02 28 113
Best Double Couple:Mo=2.9*10**17
NP1:Strike=233 Dip=20 Slip= 129
NP2: 12 74 77

16 16 15 19.78 20.430S 169.255E 40km
5.3mb (26 obs.) 4.9Msz (13 obs.)
VANUATU ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 32S, 49C
Centroid Location:
Origin Time 16:15:24.4 0.4
Lat 20.58S FIX;Lon 169.41E FIX
Dep 49.8 3.1 Half-duration 1.1
Principal Axes:
Scale 10**16 Nm
T Val= 10.57 Plg=74 Azm=111
N 0.15 10 341
P -10.72 12 249
Best Double Couple:Mo=1.1*10**17
NP1:Strike=326 Dip=34 Slip= 72
NP2: 168 58 102

16 18 33 16.19 0.252N 122.432E 157km
5.4mb (67 obs.)
MINAHASSA PENINSULA, SULAWESI
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 24S, 33C
Centroid Location:
Origin Time 18:33:19.7 0.6
Lat 0.46N 0.05 Lon 122.45E 0.05
Dep 160.5 1.7 Half-duration 1.1
Principal Axes:
Scale 10**16 Nm
T Val= 11.64 Plg=60 Azm=213
N -2.36 18 337
P -9.29 23 75
Best Double Couple:Mo=1.0*10**17
NP1:Strike=196 Dip=27 Slip= 132
NP2: 330 70 71

17 02 51 50.92 19 226S 169.553E 12km
5.8mb (79 obs.) 6.3Msz (37 obs.)
VANUATU ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=200 Dip=68 Slip= -22
NP2: 299 70 -156
Principal Axes:
T Plg= 1 Azm= 69
P 31 160
Comment: The focal mechanism is poorly controlled and corresponds to strike-slip faulting with a moderate normal component. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 11 Focal mech. F
Energy 1.9±0.5*10**14 Nm
MOMENT TENSOR SOLUTION
Dep 25 No. of sta: 21
Principal Axes:
Scale 10**18 Nm
T Val= 2.41 Plg= 2 Azm=248
N 0.01 64 342
P -2.42 26 158
Best Double Couple:Mo=2.4*10**18
NP1:Strike=296 Dip=71 Slip=-162
NP2: 200 73 -20
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 35S, 93C M.W.: 27S, 41C
Centroid Location:
Origin Time 02:51:59.3 0.1
Lat 19.02S 0.01 Lon 169.50E 0.01
Dep 15.0 FIX Half-duration 6.4
Principal Axes:
Scale 10**18 Nm
T Val= 5.17 Plg=18 Azm= 44
N 1.29 39 299
P -6.46 45 153
Best Double Couple.Mo=5.8*10**18
NP1:Strike=177 Dip=44 Slip= -24
NP2: 285 73 -132

17 05 47 58.11 19.239S 169.473E 33km
5.2mb (23 obs.) 5.0Msz (8 obs.)
VANUATU ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 26S, 42C
Centroid Location:
Origin Time 05:48: 1.9 0.7
Lat 18.95S 0.08 Lon 169.93E 0.03
Dep 15.0 FIX Half-duration 1.6
Principal Axes:
Scale 10**17 Nm
T Val= 2.30 Plg= 0 Azm=227
N -0.44 90 180
P -1.86 0 137
Best Double Couple.Mo=2.1*10**17
NP1:Strike=272 Dip=90 Slip=-180
NP2: 2 90 0

17 08 32 40.51 6.845N 76.806W 14km
6.2mb (120 obs.) 6.7Msz (64 obs.)
NORTHERN COLOMBIA
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 35 Dip=63 Slip= 90
NP2: 215 27 90
Principal Axes:
T Plg=72 Azm=305
P 18 125
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 9.5±2.5*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 8 No. of sta: 15
Principal Axes:
Scale 10**18 Nm
T Val= 7.49 Plg=54 Azm=266
N 0.48 31 54
P -7.97 16 153
Best Double Couple:Mo=7.7*10**18
NP1:Strike=280 Dip=40 Slip= 143
NP2: 39 67 56
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 41S, **C M.W.: 29S, 71C
Centroid Location:
Origin Time 08:32:48.2 0.1
Lat 7.22N 0.01 Lon 76.39W 0.01
Dep 15.0 FIX Half-duration 5.1
Principal Axes:
Scale 10**18 Nm
T Val= 9.03 Plg=59 Azm=247
N 4.50 30 47
P -13.53 8 142
Best Double Couple:Mo=1.1*10**19
NP1:Strike=262 Dip=45 Slip= 135
NP2: 28 60 55

17 18 10 23.88 19.334S 169.636E 36km
5.3mb (29 obs.) 5.1Msz (27 obs.)
VANUATU ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 17C
Centroid Location:
Origin Time 18:10:26.1 1.1
Lat 19.19S 0.11 Lon 169.53E 0.13
Dep 15.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**17 Nm
T Val= 1.32 Plg=17 Azm= 2
N -0.05 25 100
P -1.26 59 241
Best Double Couple:Mo=1.3*10**17
NP1:Strike= 60 Dip=35 Slip=-136
NP2: 292 66 -63

18 00 58 05.88 10.022S 117.093E 27km
5.5mb (64 obs.) 5.1Msz (33 obs.)
SOUTH OF SUMBAWA, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 29S, 53C
Centroid Location:
Origin Time 00:58: 6.8 0.7
Lat 10.96S 0.05 Lon 117.03E 0.04
Dep 22.0 BDY Half-duration 1.4
Principal Axes:
Scale 10**17 Nm
T Val= 2.20 Plg=74 Azm=318
N 0.47 13 99
P -2.67 10 191
Best Double Couple:Mo=2.4*10**17
NP1:Strike=296 Dip=37 Slip= 111
NP2: 90 56 75

18 13 08 54.74 6.279S 130.214E 119km
5.8mb (83 obs.)
BANDA SEA
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=310 Dip=70 Slip= 138
NP2: 57 51 26
Principal Axes:
T Plg=43 Azm=266
P 12 8
Comment: The focal mechanism is moderately well controlled and corresponds to strike-slip faulting with a large reverse component. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 13 Focal mech. F
Energy 1.1±0.2*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 141 No. of sta: 13
Principal Axes:
Scale 10**18 Nm
T Val= 2.21 Plg=42 Azm=255
N 0.00 46 93
P -2.21 9 353
Best Double Couple:Mo=2.2*10**18
NP1:Strike= 43 Dip=54 Slip= 27
NP2: 297 69 141
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 35S, 90C
Centroid Location:
Origin Time 13:09: 0.9 0.3
Lat 6.30S 0.02 Lon 130.09E 0.02
Dep 135.9 0.8 Half-duration 2.9
Principal Axes:
Scale 10**18 Nm
T Val= 1.90 Plg=45 Azm=264
N 0.14 43 106
P -2.04 11 5
Best Double Couple Mo=2.0*10**18
NP1:Strike= 56 Dip=51 Slip= 28
NP2: 307 69 137

18 15 11 59.11 7.075N 76.862W 10km
6.6mb (112 obs.) 7.3Msz (53 obs.)
NORTHERN COLOMBIA
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 10 Dip=80 Slip= 15
NP2: 277 75 170
Principal Axes:
T Plg=18 Azm=234
P 3 143
Comment: The focal mechanism is poorly controlled and corresponds to strike-slip faulting with a small reverse component. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 16 Focal mech. F
Energy 3.3±0.6*10**15 Nm
MOMENT TENSOR SOLUTION
Dep 11 No. of sta: 16
Principal Axes:
Scale 10**19 Nm
T Val= 8.34 Plg= 3 Azm= 66
N 0.09 81 176
P -8.43 8 336
Best Double Couple:Mo=8.4*10**19
NP1:Strike=111 Dip=82 Slip=-176
NP2: 21 86 -8
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 38S, 97C M.W.: 33S, 86C
Centroid Location:
Origin Time 15:12: 9.8 0.1
Lat 7.27N 0.01 Lon 76.34W 0.01
Dep 15.0 FIX Half-duration 5.1
Principal Axes:
Scale 10**19 Nm
T Val= 5.01 Plg=38 Azm=241
N 1.40 43 18
P -6.41 23 132
Best Double Couple.Mo=5.7*10**19
NP1:Strike=270 Dip=45 Slip= 167
NP2: 9 81 46

18 17 42 51.45 6.740S 105.602E 37km
5.8mb (82 obs.) 5.8Msz (14 obs.)
SUNDA STRAIT
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 80 Dip=72 Slip= 90
NP2: 260 18 90
Principal Axes:
T Plg=63 Azm=350
P 27 170
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.

19 10 11 10.83 3.159N 82.934W 10km
5.2mb (52 obs.) 5.3Msz (26 obs.)
SOUTH OF PANAMA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 32S, 71C
Centroid Location:
Origin Time 10:11:11.2 0.4
Lat 2.87N 0.04 Lon 82.74W 0.03
Dep 15.0 FIX Half-duration 2.0
Principal Axes:
Scale 10**17 Nm
T Val= 3.64 Plg=83 Azm=355
N -0.08 2 246
P -3.56 6 156
Best Double Couple:Mo=3.6*10**17
NP1:Strike=243 Dip=39 Slip= 86
NP2: 68 51 93

19 12 03 30.13 19.385S 169.593E 21km
5.7mb (78 obs.) 5.8Msz (44 obs.)
VANUATU ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 36S, 85C
Centroid Location:
Origin Time 12:03:36.0 0.4
Lat 19.35S 0.04 Lon 169.85E 0.02
Dep 15.0 FIX Half-duration 2.8
Principal Axes:
Scale 10**18 Nm

T Val= 1.69 Plg= 5 Azm= 58
N 0.50 54 321
P −2.19 36 152
Best Double Couple:Mo=1.9*10**18
NP1:Strike=189 Dip=62 Slip= −23
NP2: 291 70 −150

20 04 03 42.22 55.379N 166.427E 28km
5.2mb (65 obs.) 5.1Msz (24 obs.)
KOMANDORSKY ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 30S, 57C
Centroid Location:
Origin Time 04:03:43.2 0.3
Lat 55.48N 0.05 Lan 166.56E 0.07
Dep 15.1 FIX Half-duration 1.3
Principal Axes:
Scale 10**17 Nm
T Val= 1.41 Plg=26 Azm= 80
N 0.27 54 211
P −1.67 24 338
Best Double Couple:Mo=1.5*10**17
NP1:Strike=119 Dip=54 Slip= 179
NP2: 209 89 36

20 04 40 01.72 55.520N 166.303E 27km
5.7mb (109 obs.) 5.9Msz (44 obs.)
KOMANDORSKY ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 38S, 87C
Centraid Location:
Origin Time 04:40: 4.2 0.2
Lat 55 59N 0.03 Lon 166.31E 0.04
Dep 16.7 2.8 Half-duration 2.4
Principal Axes:
Scale 10**17 Nm
T Val= 10.89 Plg=28 Azm= 79
N 0.64 53 216
P −11.53 21 337
Best Double Couple:Mo=1.1*10**18
NP1:Strike=116 Dip=54 Slip= 174
NP2: 210 85 36

20 07 18 49.83 24.495N 123.662E 21km
5.3mb (86 obs.) 4.9Msz (7 obs.)
SOUTHWESTERN RYUKYU ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 18S, 27C
Centroid Location:
Origin Time 07:18:51.7 0.7
Lat 24.51N 0.07 Lon 123.54E 0.09
Dep 30.2 4.4 Half-duration 1.1
Principal Axes:
Scale 10**16 Nm
T Val= 8.38 Plg=14 Azm=354
N 0.41 3 85
P −8.79 76 185
Best Double Couple.Mo=8.6*10**16
NP1:Strike= 81 Dip=31 Slip= −95
NP2: 266 59 −87

20 15 47 56.23 24.453S 176 054W 64km
5.8mb (57 obs.)
SOUTH OF FIJI ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Dato Used: GDSN
L.P B.: 31S, 57C
Centroid Location:
Origin Time 15:48: 0.2 0.4
Lat 24.26S 0.04 Lon 175.81W 0.04
Dep 72.9 3.2 Half-duration 1.4
Principal Axes:
Scale 10**17 Nm
T Val= 1.99 Plg=46 Azm=327
N 0.35 21 213
P −2.34 37 106
Best Double Couple.Mo=2.2*10**17
NP1:Strike=138 Dip=22 Slip= 13
NP2: 35 85 111

21 12 11 13.88 6 870S 144.174E 19km
5.9mb 99 obs.) 6.0Msz (57 obs.)
NEW GU:NEA, PAPUA NEW GUINEA
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=345 Dip=60 Slip= 128
NP2: 108 47 43
Principal Axes:
T Plg=57 Azm=308
P 7 49
Comment: The focal mechonism is poorly contralled and corresponds ta reverse faulting with a large strike-slip component. The preferred fault plane is not determined.
RADIATED ENERGY
No. af sta: 13 Focal mech. F
Energy 2.0±0.5*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 7 No. of sta: 19
Principal Axes:
Scale 10**18 Nm
T Val= 2.22 Plg=74 Azm=293
N −0.32 12 152
P −1.90 9 59
Best Double Couple:Ma=2.1*10**18
NP1:Strike=135 Dip=37 Slip= 69
NP2: 340 56 105
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 37S, 98C M.W.: 27S, 46C
Centroid Locatian:
Origin Time 12:11:21.4 0.1
Lat 6.91S 0.01 Lon 144.18E 0.01
Dep 16.5 BDY Half-duration 2.9
Principal Axes:
Scale 10**18 Nm
T Val= 2.18 Plg=70 Azm=298
N −0.34 20 108
P −1.83 3 200
Best Double Couple.Mo=2.0*10**18
NP1:Strike=310 Dip=45 Slip= 119
NP2: 91 52 64

22 09 04 23.40 30.227S 177.205W 26km
6.0mb (75 obs.) 6.6Msz (69 obs.)
KERMADEC ISLANDS, NEW ZEALAND
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 20 Dip=75 Slip= 90
NP2: 200 15 90
Principal Axes:
T Plg=60 Azm=290
P 30 110
Comment: The focal mechanism is poorly contralled and corresponds ta reverse faulting. The preferred fault plane is NP2.
RADIATED ENERGY
No. of sta: 15 Focal mech. C
Energy 4.7±0.8*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 4 Na. of sta: 24
Principal Axes:
Scale 10**18 Nm
T Val= 6.22 Plg=53 Azm=274
N 0.04 22 35
P −6.26 28 138
Best Double Couple.Mo=6.2*10**18
NP1:Strike=271 Dip=26 Slip= 148
NP2: 30 77 68
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 39S, **C M.W.: 33S, 63C
Centraid Locatian:
Origin Time 09.04:30.8 0.1
Lat 29 74S 0.01 Lon 176.73W 0.01
Dep 15.0 FIX Half-duration 4.5
Principal Axes:
Scale 10**18 Nm
T Val= 7.66 Plg=62 Azm=280
N 0.19 2 13
P −7.86 28 104
Best Double Couple:Mo=7.8*10**18
NP1:Strike=199 Dip=17 Slip= 96
NP2: 13 73 88

22 18 25 56.41 4.222S 126.155E 316km
5.4mb (83 obs.)
BANDA SEA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 23S, 36C
Centraid Locatian:
Origin Time 18:26: 2.9 0.9
Lat 4.09S 0.06 Lan 126.03E 0.05
Dep 332.1 2.1 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 8.44 Plg= 2 Azm=191
N 1.01 14 100
P −9.45 75 287
Best Double Couple Mo=8.9*10**16
NP1:Strike=295 Dip=45 Slip= −69
NP2: 87 48 −109

22 18 56 39.05 30.101S 177.271W 10km
5.3mb (12 obs.) 5.2Msz (6 obs.)
KERMADEC ISLANDS, NEW ZEALAND
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 28S, 48C
Centraid Locatian:
Origin Time 18:56:47.8 0.5
Lat 29.49S 0.05 Lan 177.11W 0.04
Dep 18.9 2.2 Half-duration 1.5
Principal Axes:
Scale 10**17 Nm
T Val= 1.98 Plg=62 Azm=280
N 0.41 3 15
P −2.39 28 107
Best Double Couple:Mo=2.2*10**17
NP1:Strike=204 Dip=17 Slip= 99
NP2: 14 73 87

22 23 08 27.18 30.125S 177.000W 16km
5.7mb (62 obs.) 6.4Msz (61 obs.)
KERMADEC ISLANDS, NEW ZEALAND
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 20 Dip=76 Slip= 90
NP2: 200 14 90
Principal Axes:
T Plg=59 Azm=290
P 31 110
Comment: The focal mechanism is poorly contralled and corresponds to reverse faulting. The preferred foult plane is NP2.
RADIATED ENERGY
No. of sto: 11 Focal mech. M
Energy 2.0±0.5*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 6 No. of sta: 23
Principal Axes:
Scale 10**18 Nm
T Val= 6.41 Plg=59 Azm=285
N 0.14 6 24
P −6.55 30 117
Best Double Couple:Mo=6.5*10**18
NP1:Strike=224 Dip=16 Slip= 111
NP2: 23 75 84
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 39S, **C M.W.: 32S, 51C
Centraid Location:
Origin Time 23:08:36.0 0.1
Lat 29.59S 0.01 Lan 176.61W 0.01
Dep 15.0 FIX Half-duratian 4.0
Principal Axes:
Scale 10**18 Nm
T Val= 4.85 Plg=65 Azm=264
N 0.28 9 13
P −5.13 23 107
Best Double Couple:Mo=5.0*10**18
NP1:Strike=214 Dip=23 Slip= 113
NP2: 9 69 81

23 04 27 51.93 29.574S 176.829W 33km
4.9mb (8 obs.) 5.3Msz (1 obs.)
KERMADEC ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 16C
Centroid Locatian:
Origin Time 04:28: 1.9 3.1
Lat 29.12S 0.18 Lan 177.03W 0.26
Dep 27.6 7.4 Half-duration 1.1
Principal Axes:
Scale 10**17 Nm
T Val= 1.56 Plg=60 Azm=301
N −0.37 12 190
P −1.19 27 94
Best Double Couple:Mo=1.4*10**17
NP1:Strike=156 Dip=21 Slip= 54
NP2: 13 73 102

23 09 11 09.00 31.355N 4.318W 29km
5.3mb (88 obs.) 5.2Msz (30 obs.)
MOROCCO
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 30S, 57C
Centroid Locatian:
Origin Time 09:11:10.8 0.4
Lat 31.10N 0.04 Lon 4.26W 0.03

Dep 33.6 3.4 Half-duration 1.5
Principal Axes:
Scale 10**17 Nm
T Val= 2.49 Plg=24 Azm= 48
N -0.27 65 246
P -2.23 7 141
Best Double Couple.Mo=2.4*10**17
NP1:Strike=187 Dip=69 Slip= 12
NP2: 92 78 158

23 09 28 02.47 6.659N 77.193W 10km
5.2mb (54 abs.) 4.9Msz (4 abs.)
NEAR WEST COAST OF COLOMBIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 10S, 14C
Centraid Lacatian:
Origin Time 09:28: 9.6 1.9
Lat 6.66N FIX;Lon 77.24W FIX
Dep 15.0 FIX Half-duratian 1.1
Principal Axes:
Scale 10**17 Nm
T Val= 1.63 Plg=54 Azm= 37
N 0.61 24 269
P -2.23 25 168
Best Double Couple:Mo=1.9*10**17
NP1:Strike=217 Dip=29 Slip= 34
NP2: 97 74 115

23 13 04 40.71 5.352S 152.616E 31km
5.8mb (89 abs.) 6.5Msz (64 abs.)
NEW BRITAIN REGION, P.N.G.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 38S, 93C M.W.: 25S, 47C
Centraid Location:
Origin Time 13:04:48.9 0.1
Lat 5.38S 0.01 Lon 152.72E 0.01
Dep 15.0 FIX Half-duratian 4.2
Principal Axes:
Scale 10**18 Nm
T Val= 4.88 Plg=31 Azm= 10
N 0.35 51 233
P -5.22 21 114
Best Double Cauple:Mo=5.1*10**18
NP1:Strike=155 Dip=52 Slip= 8
NP2: 60 84 141

23 15 29 12.68 5.282S 152.639E 33km
5.6mb (64 abs.) 5.6Msz (43 abs.)
NEW BRITAIN REGION, P.N.G.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 19S, 34C
Centraid Lacatian:
Origin Time 15:29:21.4 0.7
Lat 5.41S 0.10 Lon 152.65E 0.05
Dep 32.7 5.5 Half-duratian 2.3
Principal Axes:
Scale 10**17 Nm
T Val= 7.11 Plg=45 Azm=354
N -1.53 30 230
P -5.58 31 120
Best Double Couple:Mo=6.3*10**17
NP1:Strike=158 Dip=31 Slip= 15
NP2: 54 82 120

23 19 16 42.83 5.327S 152.661E 30km
5.5mb (63 abs.) 5.4Msz (39 obs.)
NEW BRITAIN REGION, P.N.G.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 32S, 56C
Centraid Lacatian:
Origin Time 19:16:44.5 0.8
Lat 5.61S 0.11 Lon 152.89E 0 05
Dep 15.0 FIX Half-duratian 1.7
Principal Axes:
Scale 10**17 Nm
T Val= 4.23 Plg=47 Azm=342
N -0.21 2 74
P -4.03 43 167
Best Double Couple.Mo=4.1*10**17
NP1:Strike=303 Dip= 3 Slip= 139
NP2: 74 88 88

23 21 24 36.14 9.469S 122.560E 33km
6.0mb (88 abs.) 5.6Msz (42 obs.)
SAVU SEA
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=315 Dip=74 Slip= -29
NP2: 54 62 -162
Principal Axes:
T Plg= 8 Azm= 6
P 32 272
Comment: The facal mechanism is maderately well contralled and correspands ta strike-slip faulting with a maderate normal campanent. The preferred fault plane is nat determined.
RADIATED ENERGY
No. af sta: 12 Focal mech. F
Energy 2.1±0.5*10**14 Nm
MOMENT TENSOR SOLUTION
Dep 44 No. of sta: 14
Principal Axes:
Scale 10**18 Nm
T Val= 1.65 Plg= 6 Azm= 18
N -0.15 47 114
P -1.49 42 283
Best Double Couple:Ma=1.6*10**18
NP1:Strike= 70 Dip=57 Slip=-151
NP2: 323 66 -37
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 43S, **C
Centraid Lacatian:
Origin Time 21:24:47.1 0.2
Lat 9.38S 0.02 Lan 122.75E 0.02
Dep 65.3 1.5 Half-duration 3.0
Principal Axes:
Scale 10**18 Nm
T Val= 2.05 Plg=13 Azm= 18
N -0.34 45 121
P -1.71 42 276
Best Double Couple:Mo=1.9*10**18
NP1:Strike= 67 Dip=51 Slip=-156
NP2: 321 71 -42

23 23 19 45.20 42.589N 45.104E 16km
6.1mb (143 abs.) 6.5Msz (42 abs.)
EASTERN CAUCASUS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 65 Dip=74 Slip= 90
NP2: 245 16 90
Principal Axes:
T Plg=61 Azm=335
P 29 155
Comment: The facal mechanism is poorly cantrolled and corresponds to reverse faulting. The preferred fault plane is NP2.
RADIATED ENERGY
No. af sta: 19 Focal mech. F
Energy 3.5±0.8*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 12 No. of sta: 19
Principal Axes:
Scale 10**18 Nm
T Val= 4.07 Plg=62 Azm=335
N 0.03 1 243
P -4.11 28 152
Best Double Couple.Ma=4.1*10**18
NP1:Strike=238 Dip=17 Slip= 86
NP2: 63 73 91
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 43S, **C M.W.: 22S, 35C
Centraid Locatian:
Origin Time 23:19:49.9 0.2
Lat 42.67N 0.01 Lon 45.01E 0.02
Dep 15.0 BDY Half-duration 3.4
Principal Axes:
Scale 10**18 Nm
T Val= 5.03 Plg=51 Azm=325
N -0.21 10 68
P -4.83 37 166
Best Double Couple:Mo=4.9*10**18
NP1:Strike=302 Dip=13 Slip= 144
NP2: 67 83 80

24 08 23 01.12 29.536S 177.279W 19km
5.8mb (63 obs.) 6.2Msz (53 abs.)
KERMADEC ISLANDS, NEW ZEALAND
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=318 Dip=58 Slip= 75
NP2: 165 35 112
Principal Axes:
T Plg=73 Azm=190
P 12 59
Comment: The facal mechanism is moderately well controlled and corresponds ta reverse faulting with a small strike-slip campanent. The preferred fault plane is not determined.
RADIATED ENERGY
No. af sta: 9 Focal mech. M
Energy 4.1±1.3*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 77 No. of sta: 26
Principal Axes:
Scale 10**18 Nm
T Val= 4.81 Plg=76 Azm=174
N 1.15 11 315
P -5.96 8 47
Best Double Cauple:Ma=5.4*10**18
NP1:Strike=149 Dip=38 Slip= 108
NP2: 307 54 77
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 31S, 82C M.W.: 26S, 46C
Centraid Lacatian:
Origin Time 08:23:14.7 0.1
Lat 29.74S 0.01 Lan 177.02W 0.01
Dep 19.7 0.4 Half-duratian 4.5
Principal Axes:
Scale 10**18 Nm
T Val= 8.48 Plg=66 Azm=280
N 0.52 3 16
P -9.00 23 107
Best Double Cauple:Mo=8.7*10**18
NP1:Strike=202 Dip=22 Slip= 97
NP2: 15 69 87

24 18 59 57.21 5.759S 145.449E 110km
5.6mb (66 obs.)
EASTERN NEW GUINEA REG., P.N.G.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 27S, 37C
Centroid Lacatian:
Origin Time 19:00: 2.4 0.9
Lat 5.74S 0.09 Lan 145 42E 0.06
Dep 102.2 4.0 Half-duratian 1.1
Principal Axes:
Scale 10**16 Nm
T Val= 10.74 Plg=25 Azm=214
N -3.26 57 78
P -7.48 20 314
Best Dauble Couple:Ma=9.1*10**16
NP1:Strike=355 Dip=57 Slip= 4
NP2: 263 87 147

24 22 16 07.83 11.829N 142.050E 43km
5.5mb (71 obs.) 4.9Msz (32 abs.)
SOUTH OF MARIANA ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 32S, 54C
Centraid Location:
Origin Time 22:16: 8.2 0.5
Lat 11.81N 0.05 Lan 142.15E 0.04
Dep 21.6 2.7 Half-duratian 1.4
Principal Axes:
Scale 10**17 Nm
T Val= 1.53 Plg=57 Azm= 4
N 0.07 8 261
P -1.60 32 166
Best Double Cauple:Ma=1.6*10**17
NP1:Strike=229 Dip=15 Slip= 57
NP2: 83 77 98

24 23 00 28.70 30.090S 177.215W 10km
5.5mb (42 abs.) 5.2Msz (22 abs.)
KERMADEC ISLANDS, NEW ZEALAND
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 36S, 61C
Centraid Location:
Origin Time 23:00:34.5 0.4
Lat 29.76S 0.05 Lon 176.93W 0.03
Dep 20.7 1.7 Half-duratian 1.4
Principal Axes:
Scale 10**17 Nm
T Val= 2.08 Plg=68 Azm=299
N 0.31 6 194
P -2.40 21 101
Best Double Couple:Mo=2.2*10**17
NP1:Strike=179 Dip=24 Slip= 74
NP2: 16 67 97

25 00 29 18.37 29.900S 177.352W 26km
5.7mb (49 obs.) 5.8Msz (42 obs.)
KERMADEC ISLANDS, NEW ZEALAND
CENTROID, MOMENT TENSOR (HRV)

Data Used: GDSN
L.P.B.: 41S, **C
Centroid Location:
Origin Time 00:29:24.9 0.2
Lat 29.59S 0.03 Lon 177.16W 0.02
Dep 22.9 1.1 Half-durotion 2.4
Principal Axes:
Scale 10**17 Nm
T Val= 9.85 Plg=69 Azm=272
N 2.11 4 13
P -11.96 21 105
Best Double Couple:Mo=1.1*10**18
NP1:Strike=203 Dip=25 Slip= 100
NP2: 11 66 85

26 13 29 51.24 3.082S 138.892E 79km
5.1mb (29 obs.)
IRIAN JAYA, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Dota Used: GDSN
L.P.B.: 13S, 15C
Centroid Location:
Origin Time 13:29:51.6 1.6
Lat 2.84S 0.13 Lon 139.35E 0.13
Dep 57.914.4 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 3.62 Plg=70 Azm=341
N 0.33 17 128
P -3.95 10 222
Best Double Couple:Mo=3.8*10**16
NP1:Strike=332 Dip=38 Slip= 119
NP2: 117 58 69

26 14 47 11.15 17.910S 179.750E 629km
4.9mb (27 obs.)
FIJI ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Dota Used: GDSN
L.P.B.: 20S, 32C
Centroid Locotion:
Origin Time 14:47:27.2 2.0
Lot 16.86S 0.15 Lon 179.82E 0.12
Dep 642.5 4.3 Half-duration 1.2
Principal Axes:
Scale 10**16 Nm
T Val= 11 87 Plg=57 Azm=215
N 2.32 29 66
P -14.19 14 328
Best Double Couple Mo=1.3*10**17
NP1:Strike= 24 Dip=40 Slip= 41
NP2: 261 65 123

28 07 02 09.31 19.004N 96 277E 34km
5.6mb (117 obs.) 5.2Msz (31 obs.)
MYANMAR
CENTROID, MOMENT TENSOR (HRV)
Dota Used: GDSN
L.P.B.: 21S, 39C
Centroid Locotion:
Origin Time 07:02:11.3 0.5
Lot 18 88N FIX;Lon 96.29E FIX
Dep 48.9 5.3 Half-duration 1.2
Principol Axes:
Scole 10**17 Nm
T Vol= 1.31 Plg=22 Azm=289
N 0.37 65 142
P -1.69 13 24
Best Double Couple:Mo=1.5*10**17
NP1:Strike= 6B Dip=65 Slip= 7
NP2: 335 84 155

29 04 48 50.47 17.560S 179.089W 561km
5.1mb (37 obs.)
FIJI ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Dota Used: GDSN
L.P.B.: 15S, 16C
Centroid Location:
Origin Time 04 48:54.8 1.2
Lot 17 23S 0.23 Lon 179.45W 0.16
Dep 592.6 5.9 Half-duration 1.1
Principal Axes:
Scale 10**17 Nm
T Val= 1.20 Plg=13 Azm=127
N -0.19 70 359
P -1.01 15 220
Best Double Couple.Mo=1.1*10**17
NP1:Strike=263 Dip=70 Slip= -2
NP2: 354 88 -160

29 07 29 57.64 6.834N 124.006E 33km
5.8mb (56 obs.) 5.8Msz (43 obs.)
MINDANAO, PHILIPPINE ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 41S, **C
Centroid Locotion:
Origin Time 07:30: 3.5 0.2
Lat 6.85N 0.02 Lon 124.10E 0.02
Dep 36.1 1.4 Half-durotion 3.2
Principal Axes:
Scale 10**18 Nm
T Val= 2.49 Plg=72 Azm= 88
N 0.22 1 180
P -2.71 18 270
Best Double Couple:Mo=2.6*10**18
NP1:Strike= 2 Dip=27 Slip= 92
NP2: 180 63 89

29 14 00 16.52 2.252S 141.181E 35km
5.2mb (31 obs.) 4.8Msz (18 obs.)
NEAR N COAST OF NEW GUINEA, PNG.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 21S, 35C
Centroid Locotion:
Origin Time 14:00:17.3 0.7
Lat 2.43S 0.05 Lon 141.21E 0.06
Dep 15.0 FIX Half-duration 1.3
Principol Axes:
Scole 10**17 Nm
T Val= 1.08 Plg= 6 Azm=355
N -0.47 10 264
P -0.61 78 117
Best Double Couple:Mo=0.8*10**17
NP1:Strike= 96 Dip=40 Slip= -75
NP2: 256 52 -102

29 14 39 17.41 29.225S 71.222W 46km
5.5mb (30 obs.) 4.7Msz (16 obs.)
NEAR COAST OF CENTRAL CHILE
CENTROID, MOMENT TENSOR (HRV)
Dota Used: GDSN
L.P.B.: 22S, 38C
Centroid Locotion:
Origin Time 14:39:20.0 0.3
Lat 29.50S 0.05 Lon 71.29W 0.07
Dep 53.5 6.1 Half-durotion 1.1
Principol Axes:
Scole 10**16 Nm
T Val= 8.11 Plg=40 Azm=336
N 4.79 17 232
P -12.89 46 124
Best Double Couple:Mc=1.1*10**17
NP1:Strike=130 Dip=17 Slip= -11
NP2: 231 87 -107

30 02 49 48.17 29.941N 138.975E 393km
6.0mb (188 obs.)
SOUTH OF HONSHU, JAPAN
FAULT PLANE SOLUTION: P-Woves
NP1:Strike=293 Dip=71 Slip= -55
NP2: 48 39 -149
Principal Axes:
T Plg=19 Azm=358
P 51 243
Comment: The focol mechonism is moderotely well controlled and corresponds to narmol foulting with o large strike-slip component. The preferred foult plone is not determined.
RADIATED ENERGY
No. of sto: 11 Focal mech. F
Energy 6.3±1.8*10**14 Nm
MOMENT TENSOR SOLUTION
Dep 400 No. of sta: 19
Principal Axes:
Scale 10**18 Nm
T Val= 4.68 Plg=27 Azm= 25
N 1.47 22 126
P -6.16 54 250
Best Double Couple:Mo=5.4*10**18
NP1:Strike= 74 Dip=27 Slip=-145
NP2: 312 75 -67
CENTROID, MOMENT TENSOR (HRV)
Dota Used: GDSN
L.P.B.: 33S, 88C
Centroid Locotion:
Origin Time 02:49:51.6 0.2
Lot 29.92N 0.01 Lon 139 20E 0.01
Dep 407.8 0.8 Half-duration 4.0
Principol Axes:
Scole 10**18 Nm
T Val= 4.83 Plg=19 Azm=354
N 0.10 34 97
P -4.93 50 240
Best Double Couple:Mo=4.9*10**18
NP1:Strike= 43 Dip=40 Slip=-150
NP2: 290 72 -54

30 10 15 34.39 5.460S 151.239E 75km
5.1mb (38 obs.)
NEW BRITAIN REGION, P.N.G.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 18S, 28C
Centraid Location:
Origin Time 10:15:40.3 0.7
Lat 5.45S FIX;Lan 151.15E FIX
Dep 37.1 7.2 Half-duration 1.1
Principal Axes:
Scale 10**16 Nm
T Val= 8.37 Plg=50 Azm= 40
N 3.34 30 266
P -11.71 24 162
Best Double Couple:Mo=1.0*10**17
NP1:Strike=208 Dip=34 Slip= 27
NP2: 95 75 121

30 10 43 58.42 31.284N 4.372W 26km
5.1mb (103 obs.) 5.2Msz (27 obs.)
MOROCCO
CENTROID, MOMENT TENSOR (HRV)
Dota Used: GDSN
L.P.B.: 33S, 65C
Centroid Location:
Origin Time 10:44: 2.6 0.3
Lat 31.15N 0.04 Lon 4.33W 0.02
Dep 27.4 2.4 Half-durotion 1.6
Principol Axes:
Scole 10**17 Nm
T Val= 3.12 Plg=15 Azm= 47
N -0.37 72 192
P -2.75 10 314
Best Double Couple:Mo=2.9*10**17
NP1:Strike= 90 Dip=72 Slip= 176
NP2: 181 87 18

30 14 56 16.97 31.810S 178.076W 52km
5.3mb (15 obs.)
KERMADEC ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 19S, 28C
Centroid Location:
Origin Time 14:56:18.8 0.7
Lot 31.39S 0.10 Lon 178.01W 0.06
Dep 43.2 5.3 Half-durotion 1.0
Principol Axes:
Scole 10**16 Nm
T Val= 7.99 Plg=66 Azm=272
N 0.31 4 11
P -8.30 24 103
Best Double Couple:Mo=8.1*10**16
NP1:Strike=201 Dip=21 Slip= 101
NP2: 9 69 86

30 16 53 52.59 7 878S 107.050E 65km
5.1mb (34 obs.)
JAWA, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Dota Used: GDSN
L.P.B.: 22S, 30C
Centroid Locotion:
Origin Time 16:53:49.9 1.1
Lot 8.80S 0.08 Lon 107.00E 0.10
Dep 30.0 4.6 Holf-durotian 1.0
Principal Axes:
Scole 10**16 Nm
T Vol= 8.18 Plg=57 Azm= 48
N 0.04 16 291
P -8.22 27 192
Best Double Couple:Mo=8.2*10**16
NP1:Strike=247 Dip=23 Slip= 44
NP2: 115 74 107

31 14 34 22.48 2.321S 141.262E 6km
5.9mb (92 obs.) 6.4Msz (54 obs.)
NEAR N COAST OF NEW GUINEA, PNG.
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=230 Dip=58 Slip=-130
NP2: 108 49 -44
Principal Axes:
T Plg= 5 Azm=347
P 57 85
Comment: The focal mechanism is poorly controlled and

corresponds to normal faulting with a large strike-slip companent. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 14 Facal mech. F
Energy 9.5±1.9*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 32 No. af sta: 18
Principal Axes:
Scale 10**18 Nm
T Val= 6.49 Plg= 6 Azm=326
N -0.70 4 56
P -5.79 83 184
Best Double Cauple:Mo=6.1*10**18
NP1:Strike= 51 Dip=39 Slip= -97
NP2: 240 51 -84
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 43S, **C M.W.: 34S, 67C
Centroid Locatian:
Origin Time 14:34:32.5 0.1
Lat 2.16S 0.01 Lon 141.46E 0.01
Dep 15.0 FIX Half-duratian 4.3

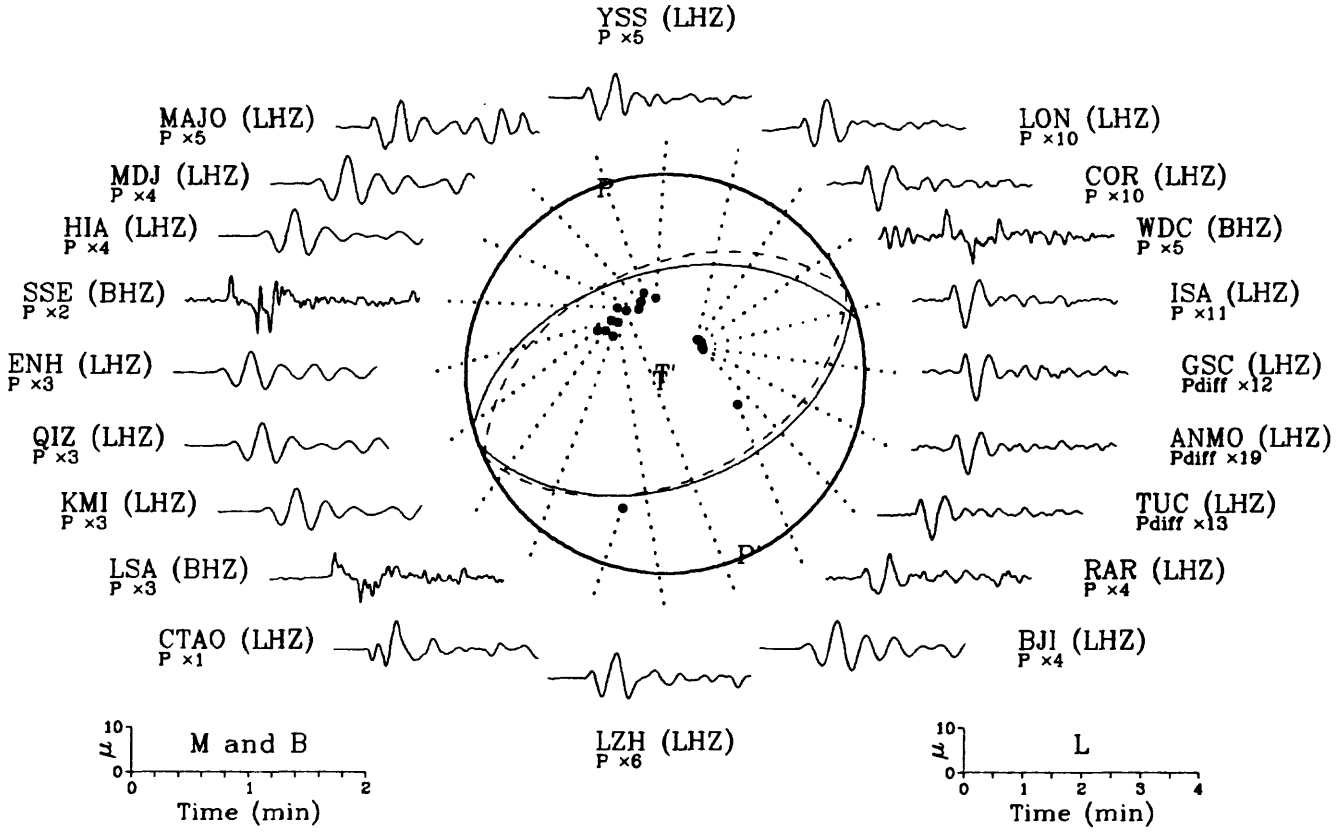
Principal Axes:
Scale 10**18 Nm
T Val= 6.15 Plg= 4 Azm=356
N 0.16 13 87
P -6.32 76 248
Best Double Cauple:Mo=6.2*10**18
NP1:Strike= 72 Dip=42 Slip=-110
NP2: 279 51 -73

Corrected Entry to the September 1992 Monthly Listing

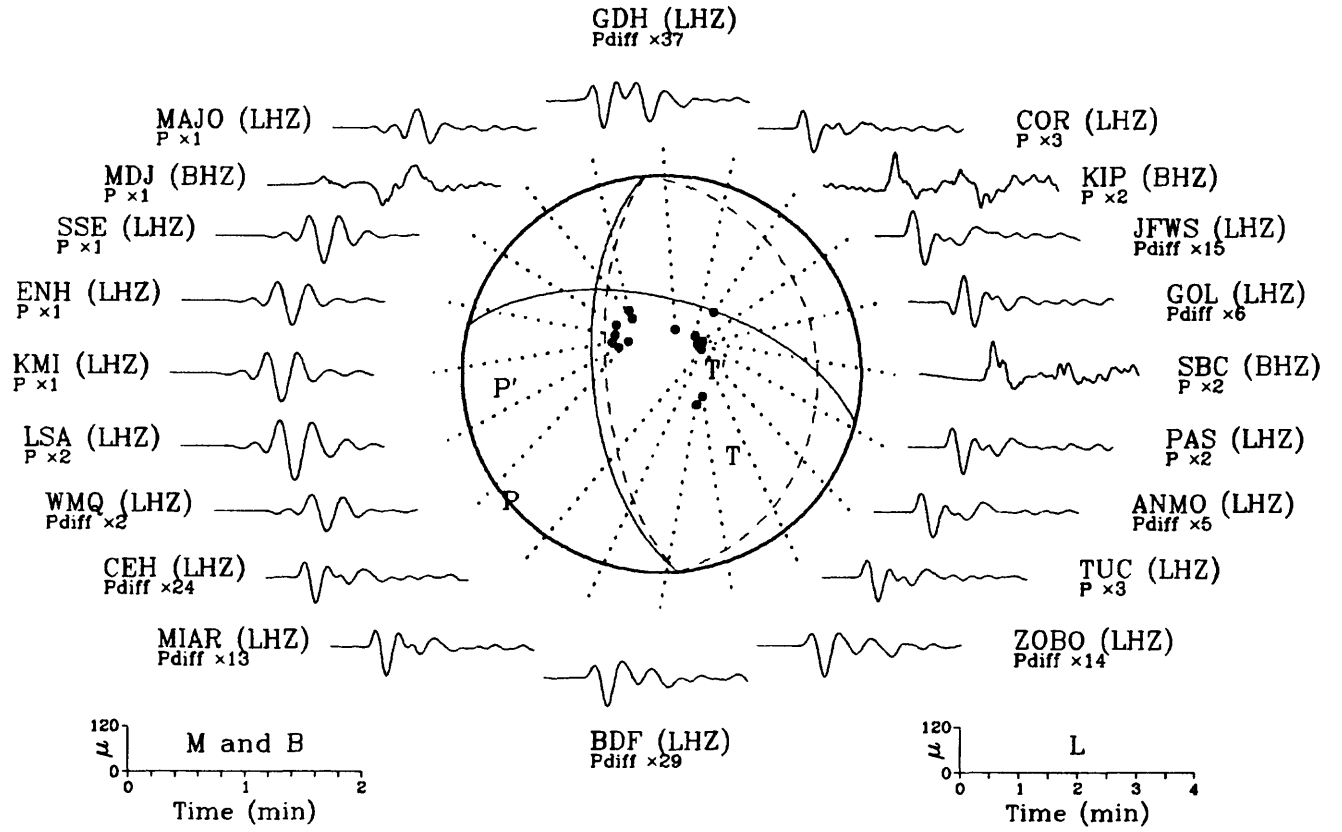
KEY	DAY	ORIGIN TIME UTC HR MN SEC	GEOGRAPHIC COORDINATES LAT	LONG	DEPTH	MAGNITUDES GS MB	Msz	SD	NO. STA USED	REGION, CONTRIBUTED MAGNITUDES AND COMMENTS
f	02	00 16 01.6	11.742 N	87.340 W	45 G	5.3	7.2	1.3	212	NEAR COAST OF NICARAGUA. Ms 7.4 (BRK). Mo=3.2*10**20 Nm (PPT). At least 116 people killed, more than 68 missing and over 13,500 left homeless in Nicaragua. At least 1,300 houses ond 185 fishing boats were destroyed along the west coast of Nicoragua. Total damage in Nicaragua is estimoted ot between 20 and 30 million U.S. dallars. Same damoge wos also reported in Costa Rica. Most of the casualties ond damage were coused by a tsunami affecting the west coosts of Nicaraguo and Costa Rica, reaching heights of up to 8 meters. The tsunami ran inland about 1,000 meters at Mosochapo, Nicoragua. Maximum wave heights (in cm. peak-to-trough) at selected tide stations were as fallows: 111 at Baltra Island, 83 at Easter Island, 28 at Socarro Island, 18 at La Libertad, Ecuador, 10 at Valparaisa, Chile and 10 at Hila, Hawaii. Felt in Chinandega and Leon Departments, Nicaragua. Alsa felt at Crucera, Managua and San Marcos, Nicaragua and at San Jase, Casta Rica. Two events abaut 9 secands apart. Depth fram broadband displacement seismograms, based an secand event.

Compiled by Pingsheng Chang, Willis S. Jocobs, Stuart K. Koyonagi, Christina K. Lavonne, John H. Minsch, Russell E. Needhom, Waverly J. Person, Bruce W. Presgrave ond William H. Schmieder.

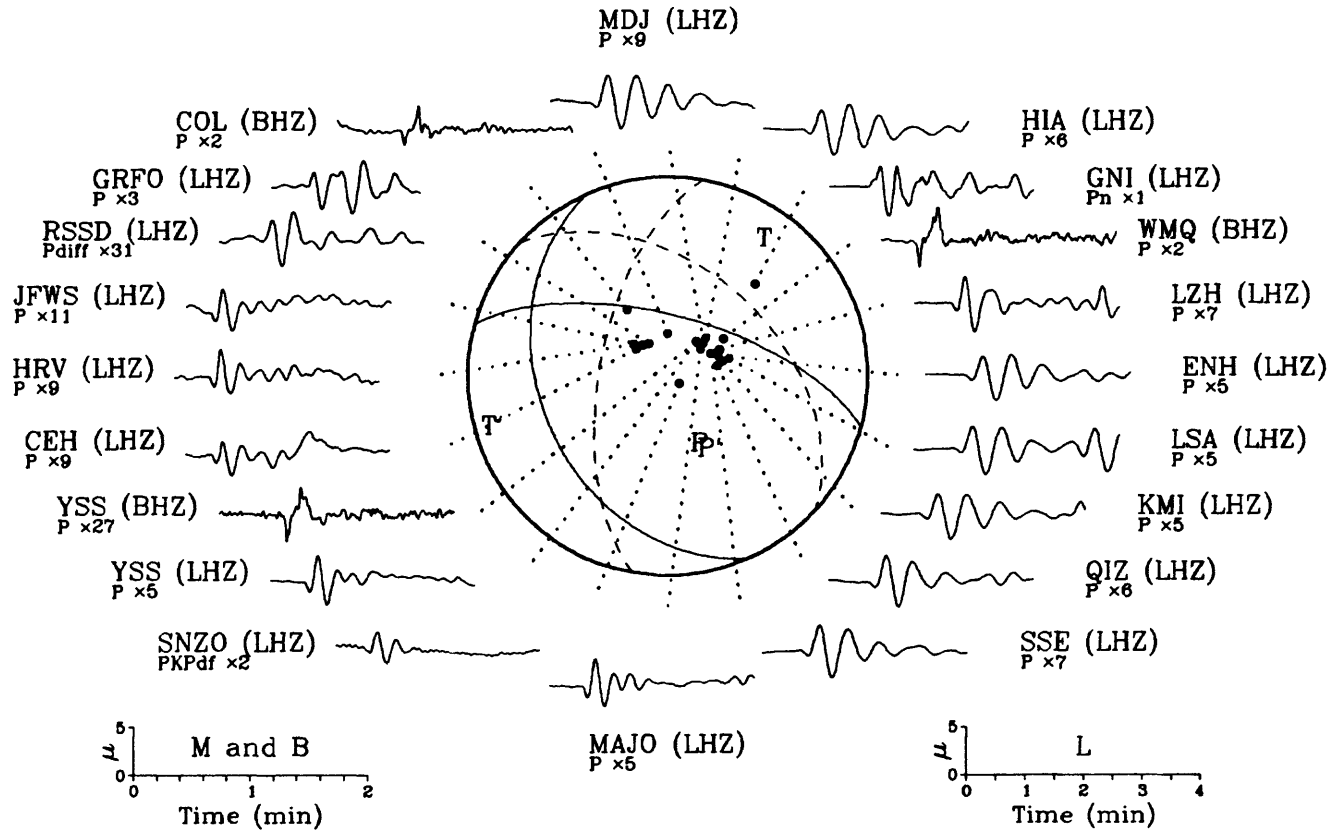
06 October 1992 10:28:22.92
New Britain Region, P.N.G.



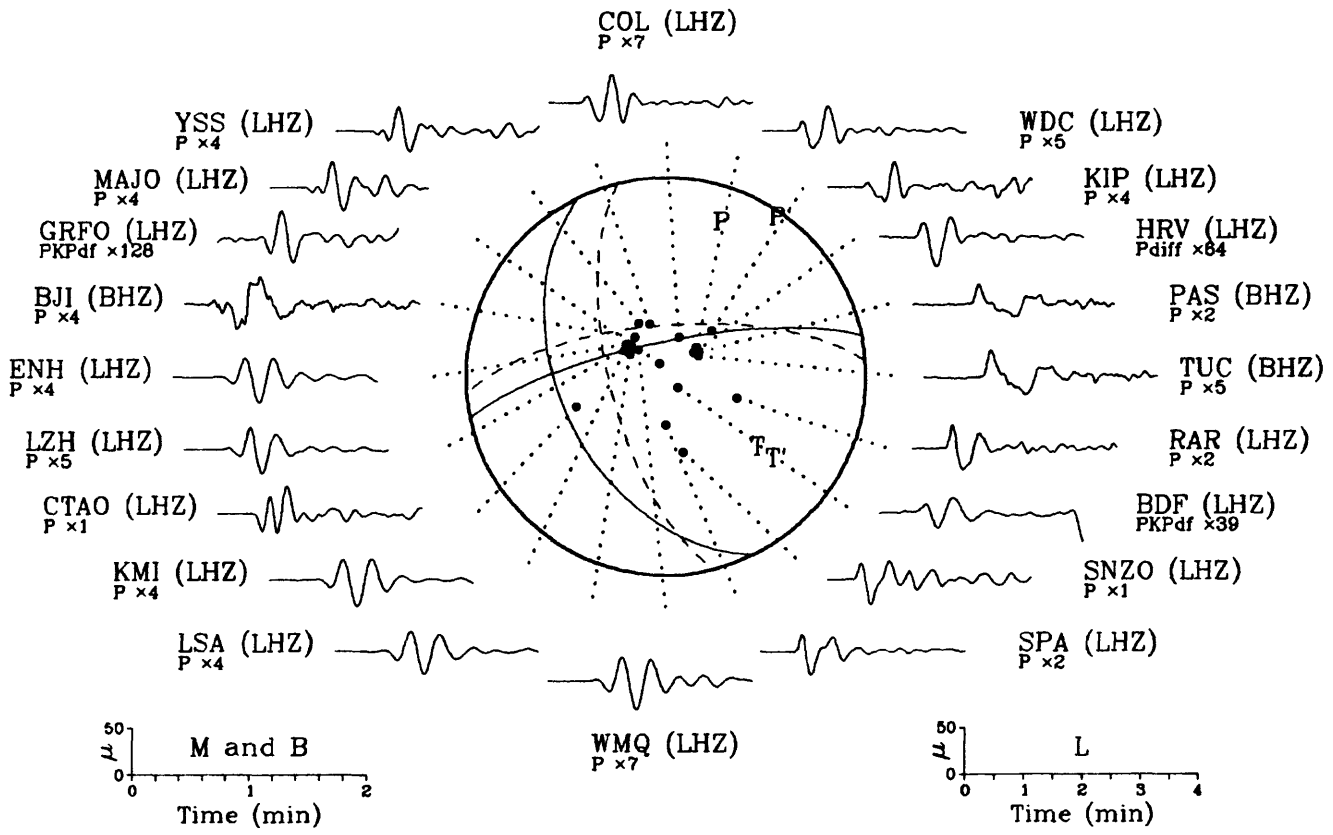
11 October 1992 19:24:26.29
Vanuatu Islands



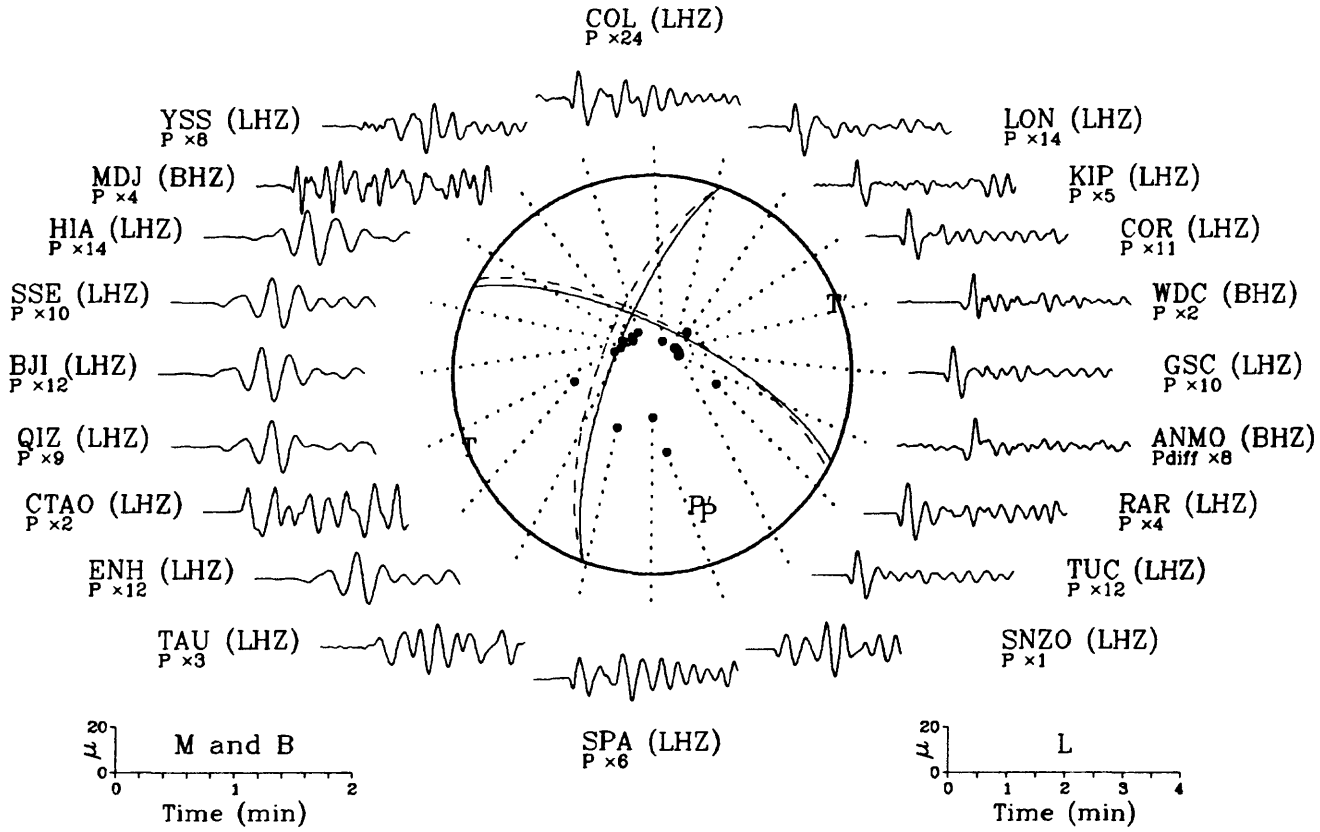
12 October 1992 13:09:55.51
Egypt



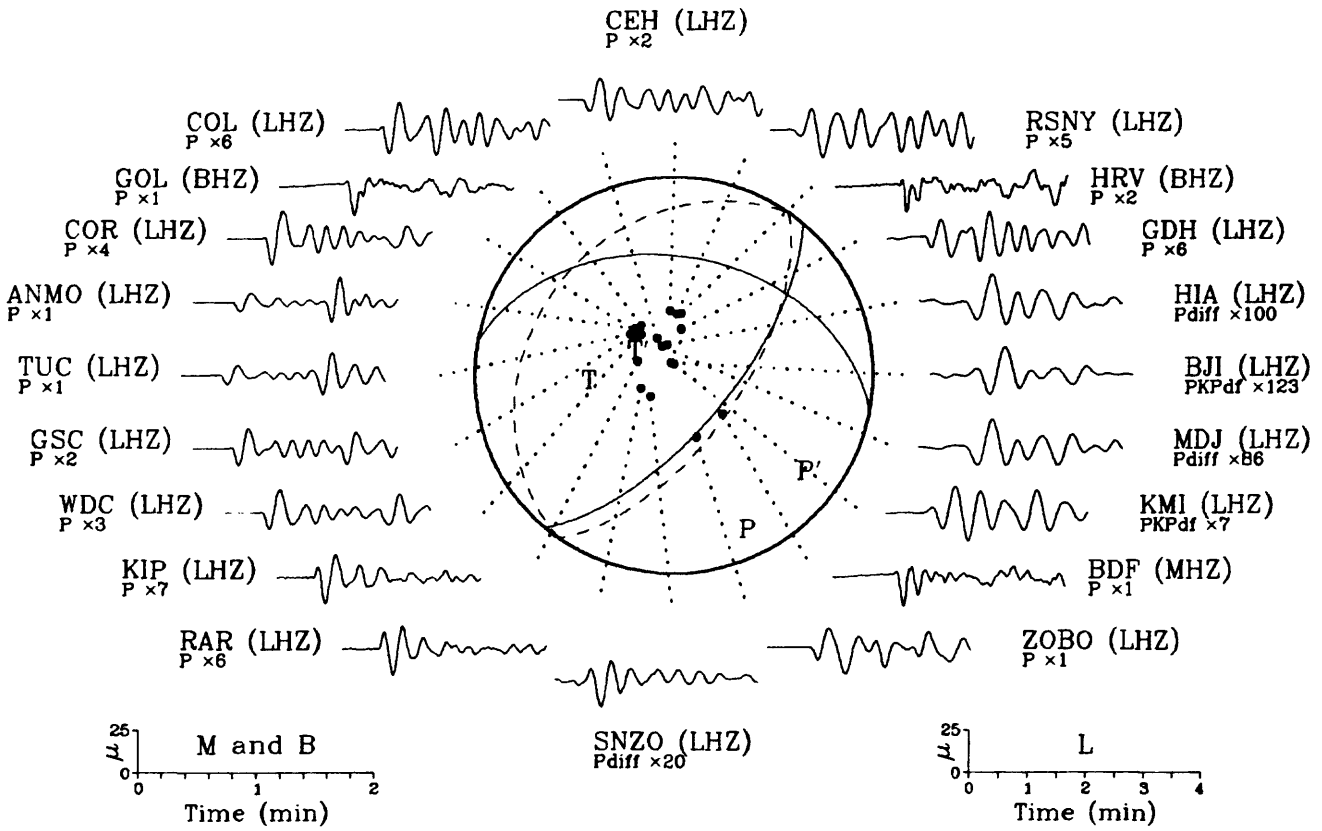
15 October 1992 22:37:05.91
Vanuatu Islands



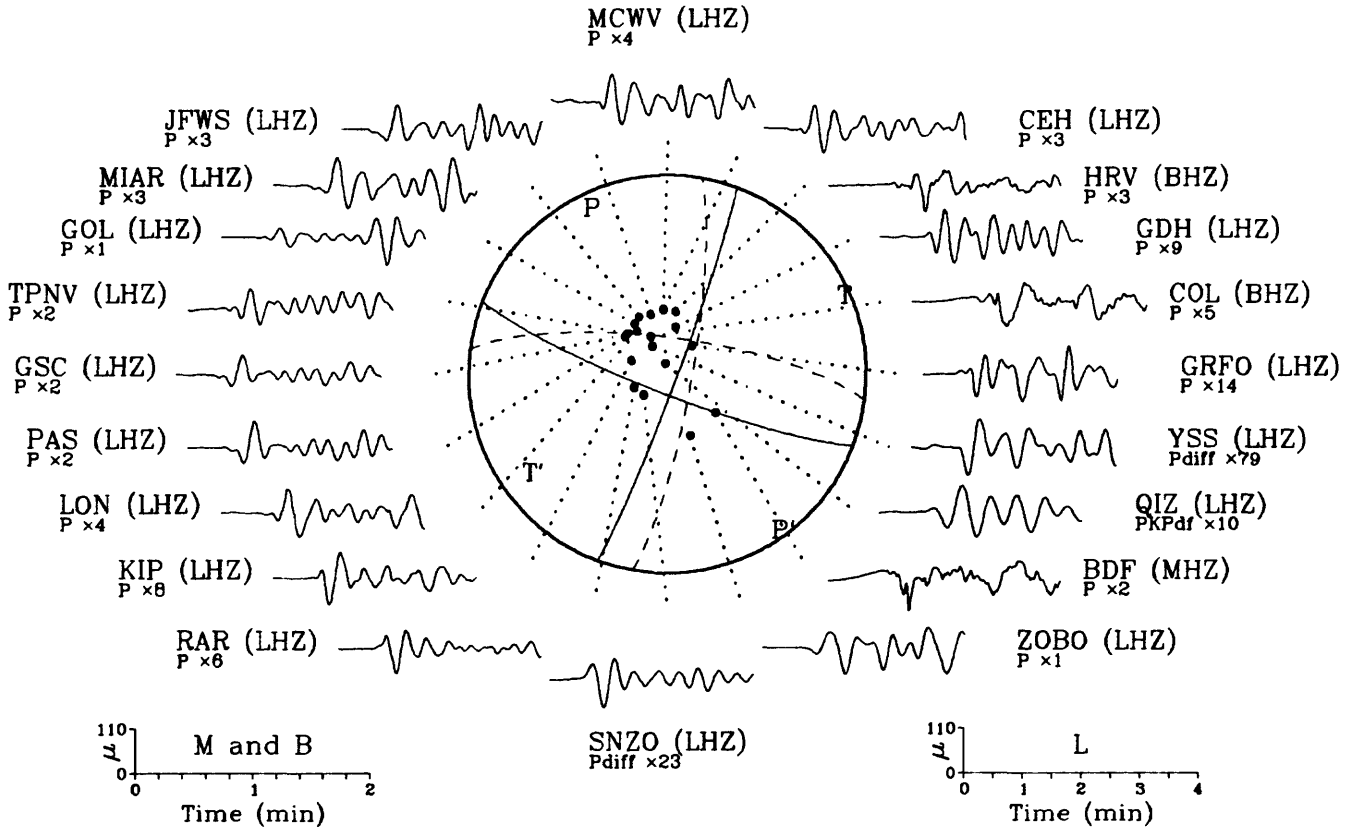
17 October 1992 02:51:50.92
Vanuatu Islands



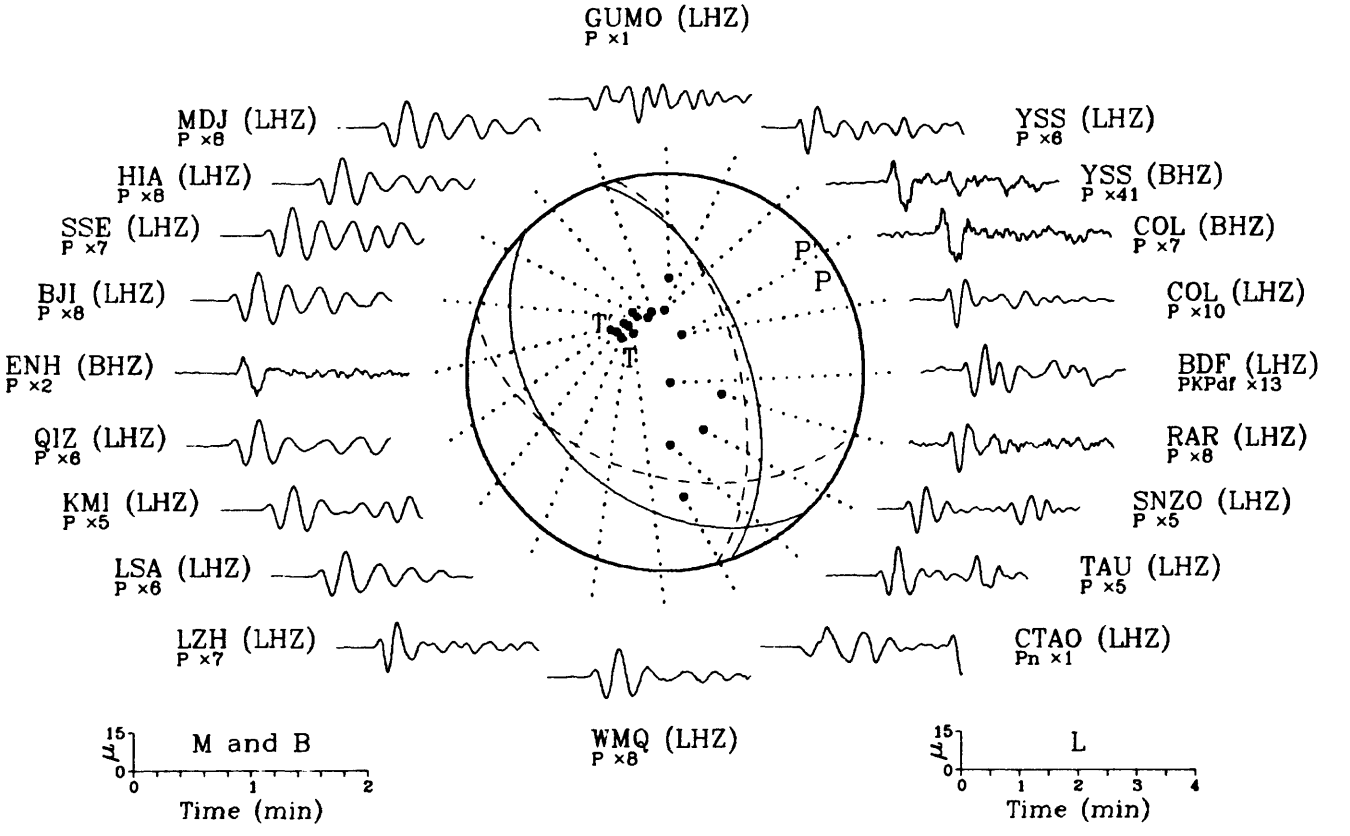
17 October 1992 08:32:40.51
Northern Colombia



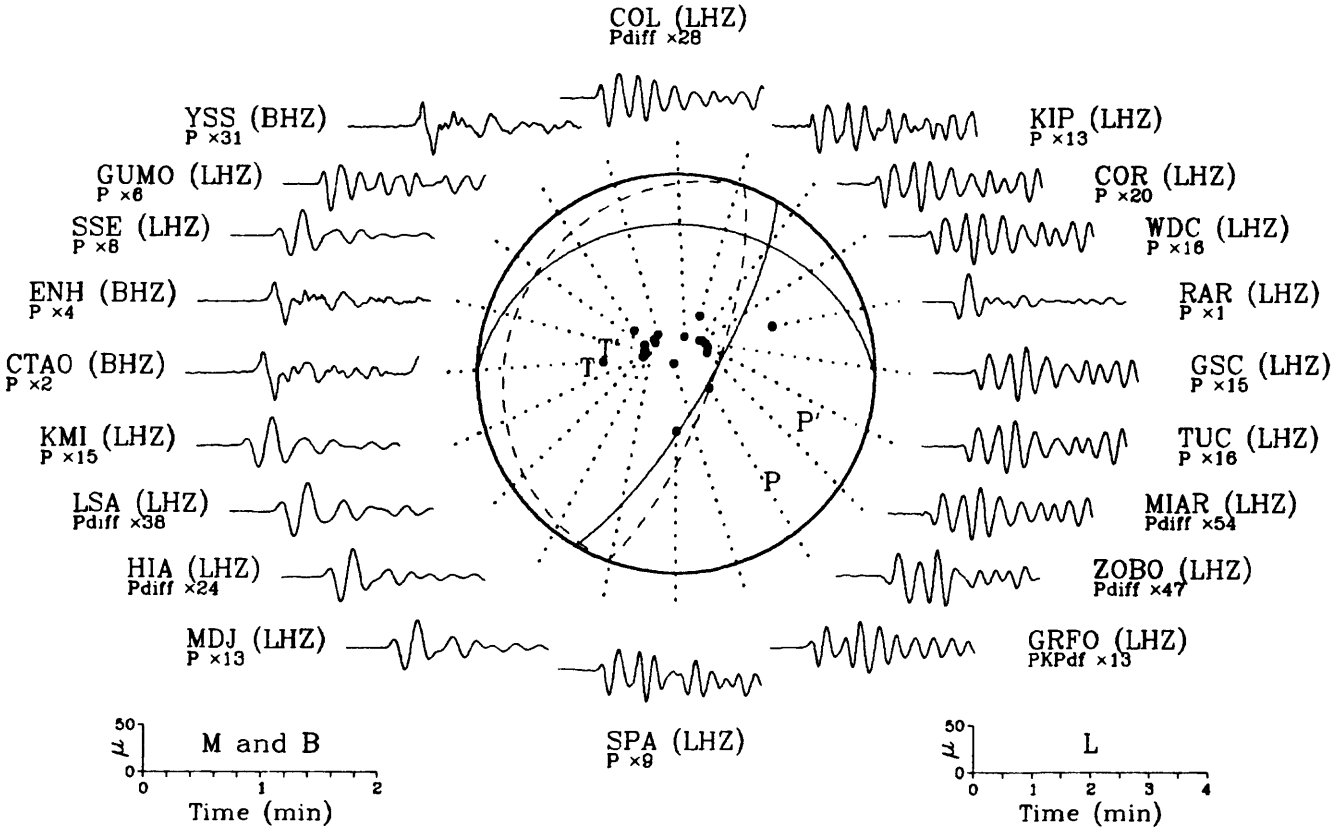
18 October 1992 15:11:59.11
Northern Colombia



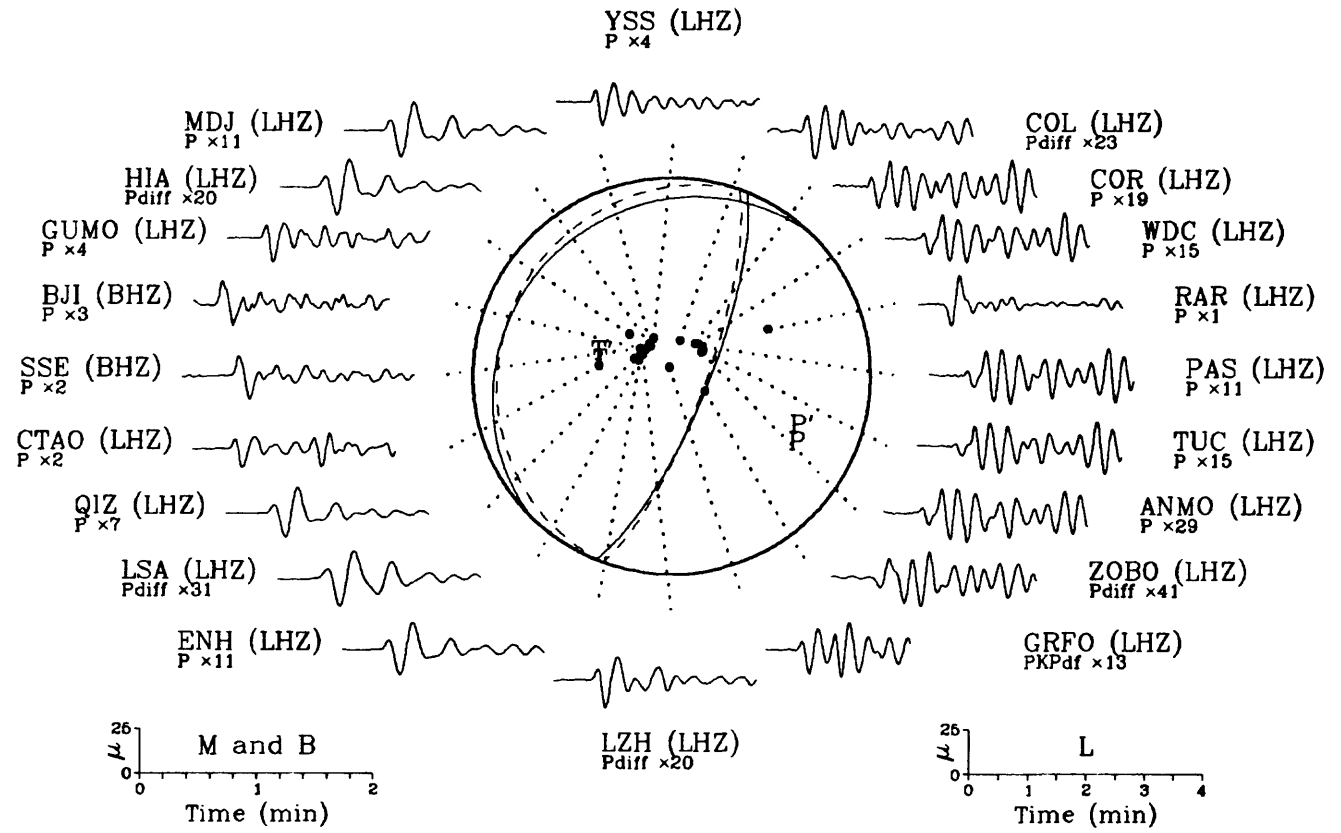
21 October 1992 12:11:13.88
New Guinea, Papua New Guinea



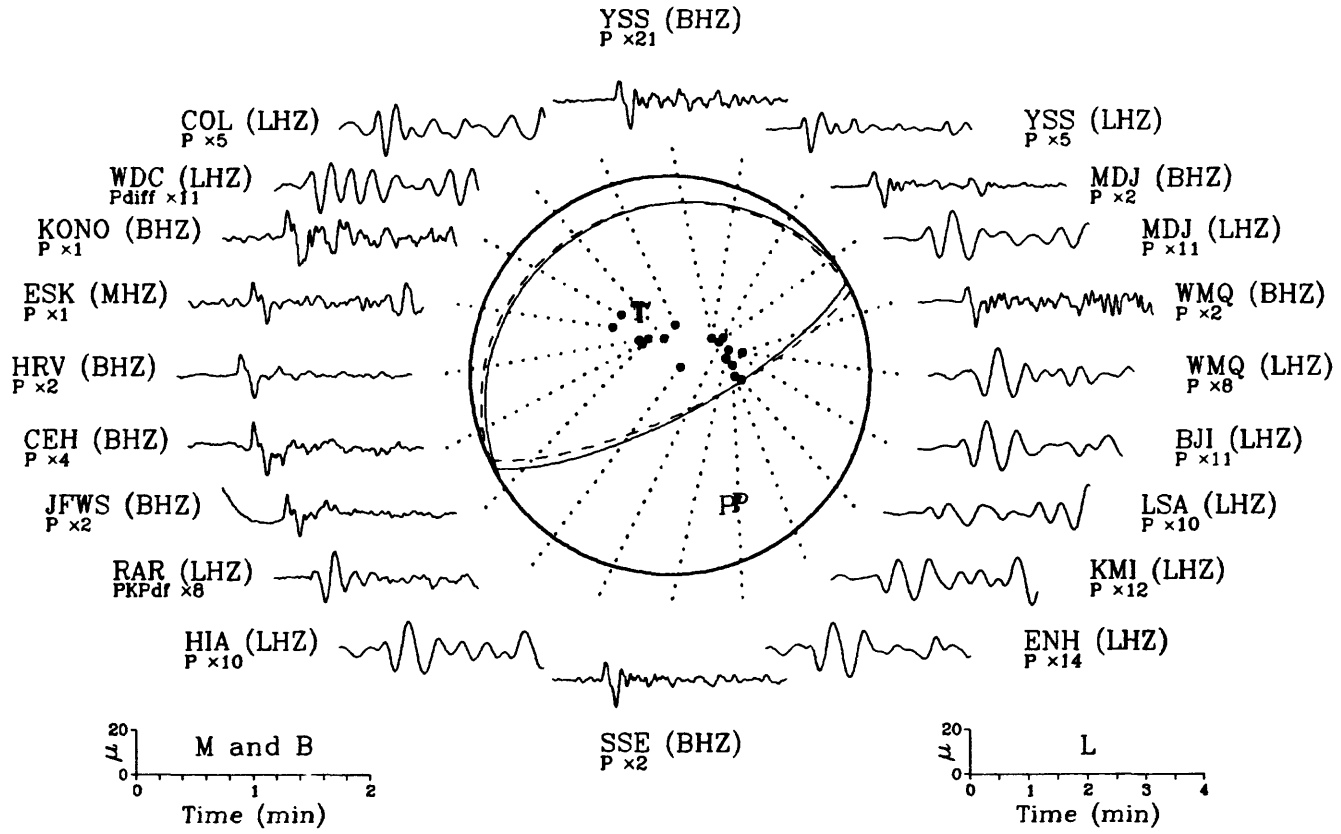
22 October 1992 09:04:23.40
Kermadec Islands, New Zealand



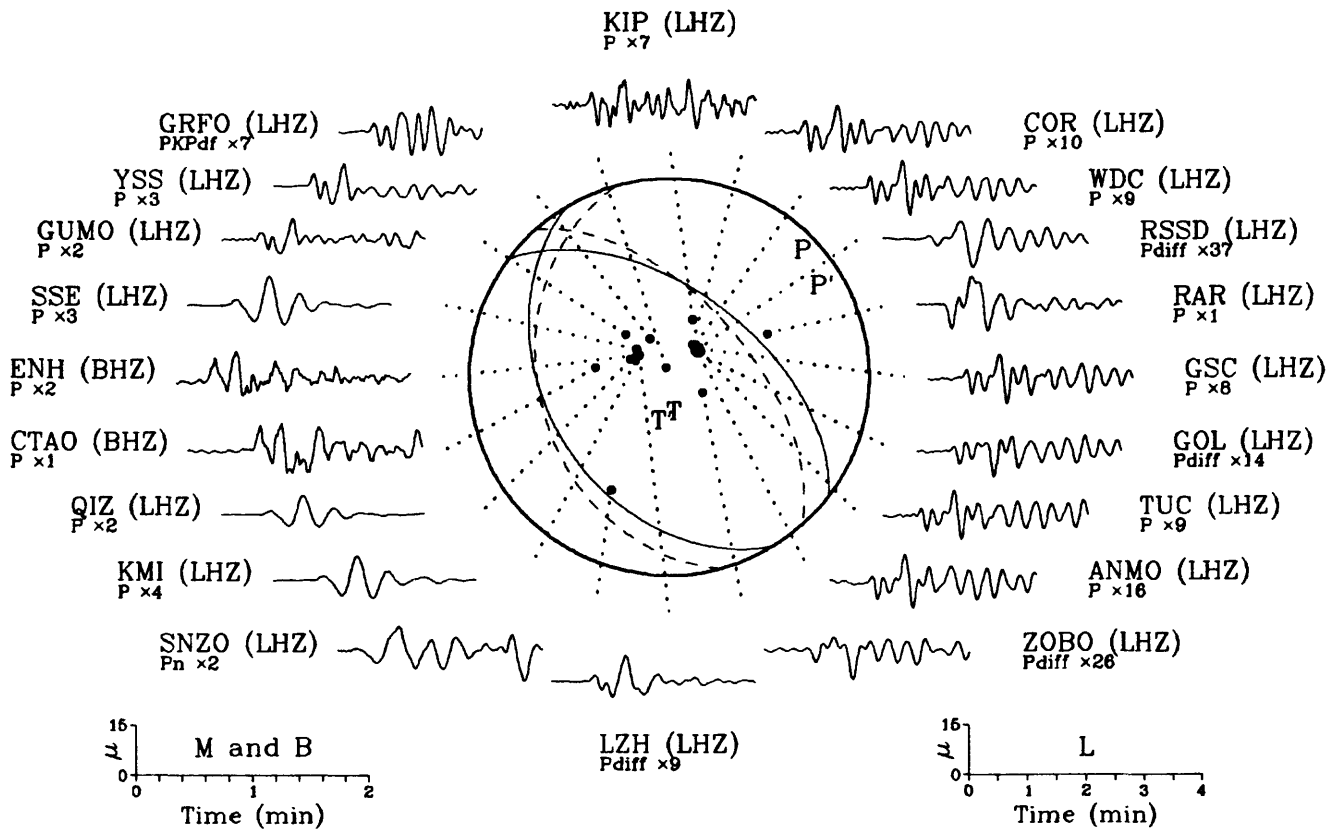
22 October 1992 23:08:27.18
Kermadec Islands, New Zealand



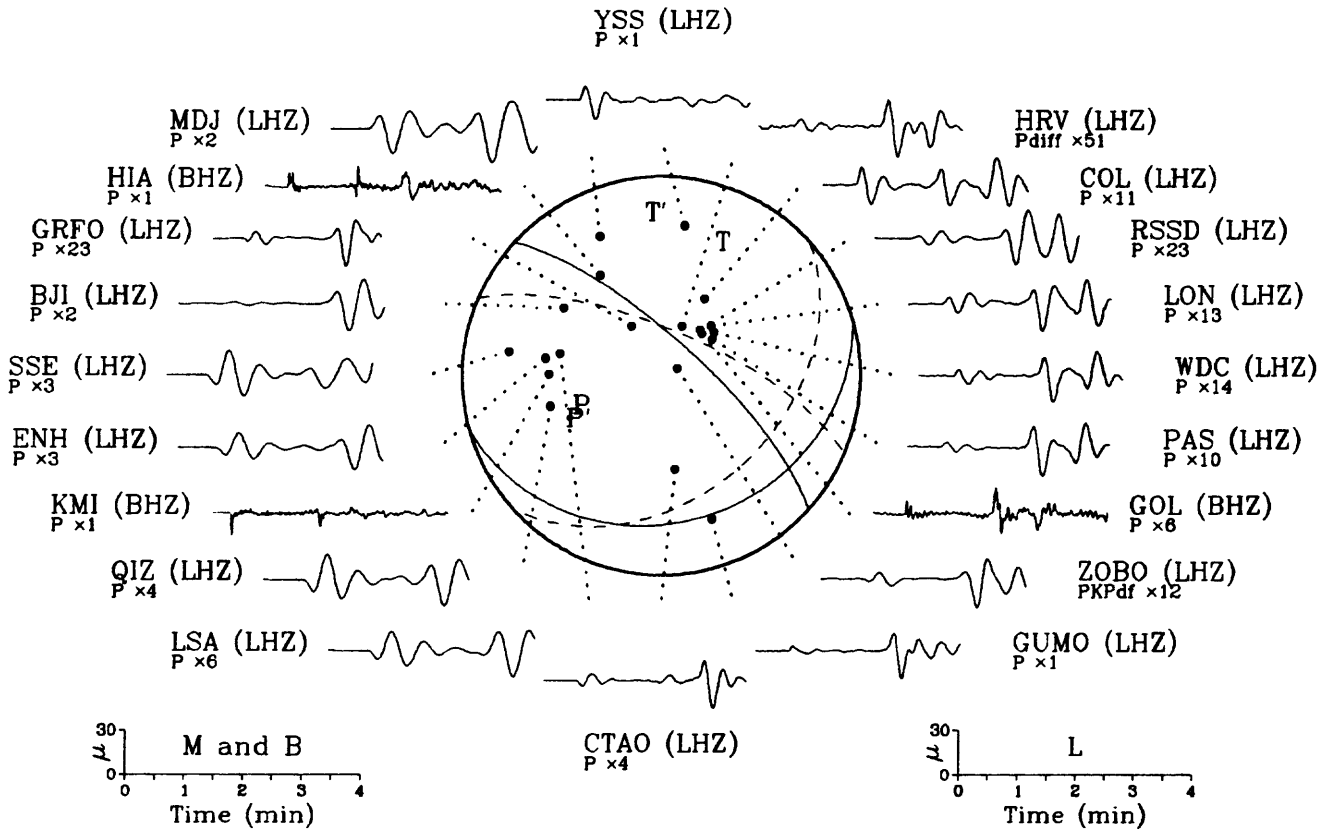
23 October 1992 23:19:45.20
Eastern Caucasus



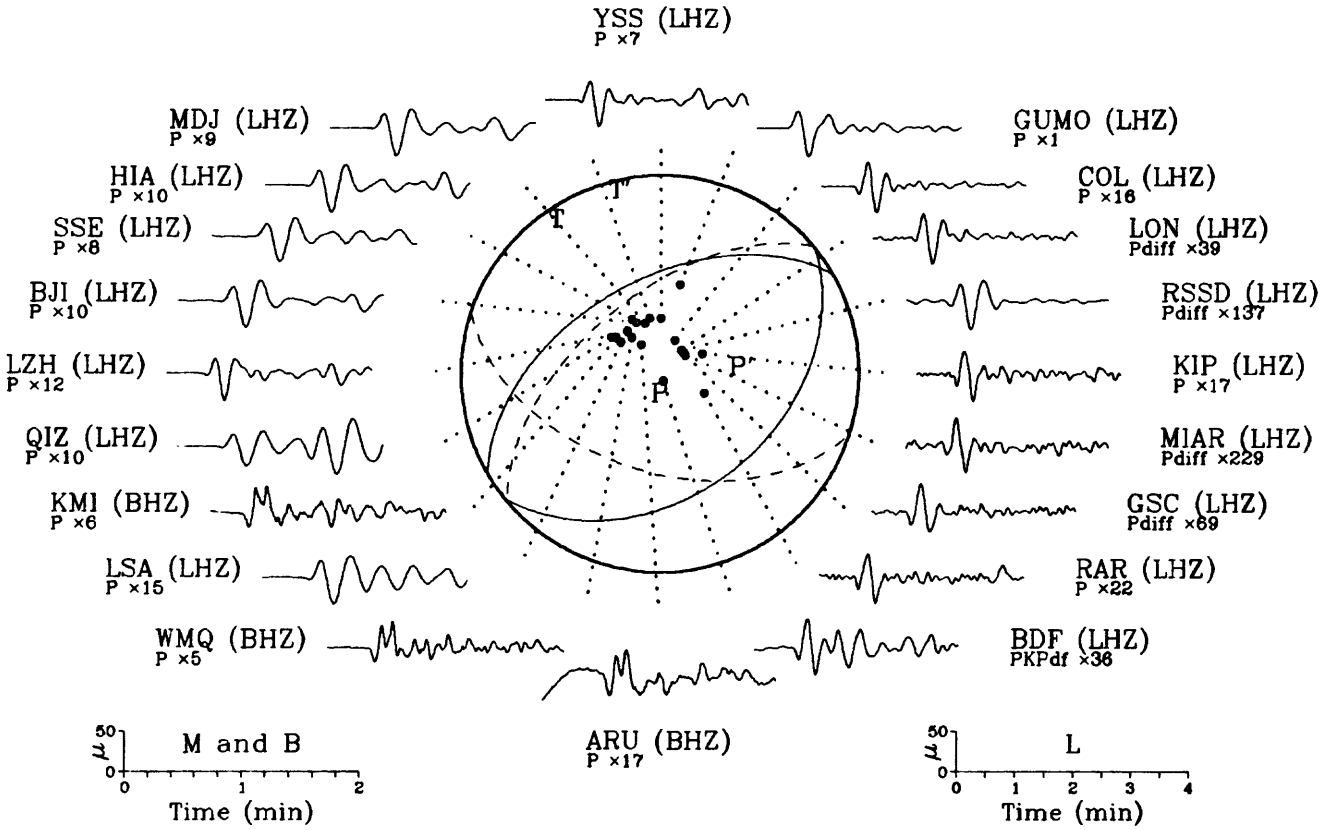
24 October 1992 08:23:01.12
Kermadec Islands, New Zealand



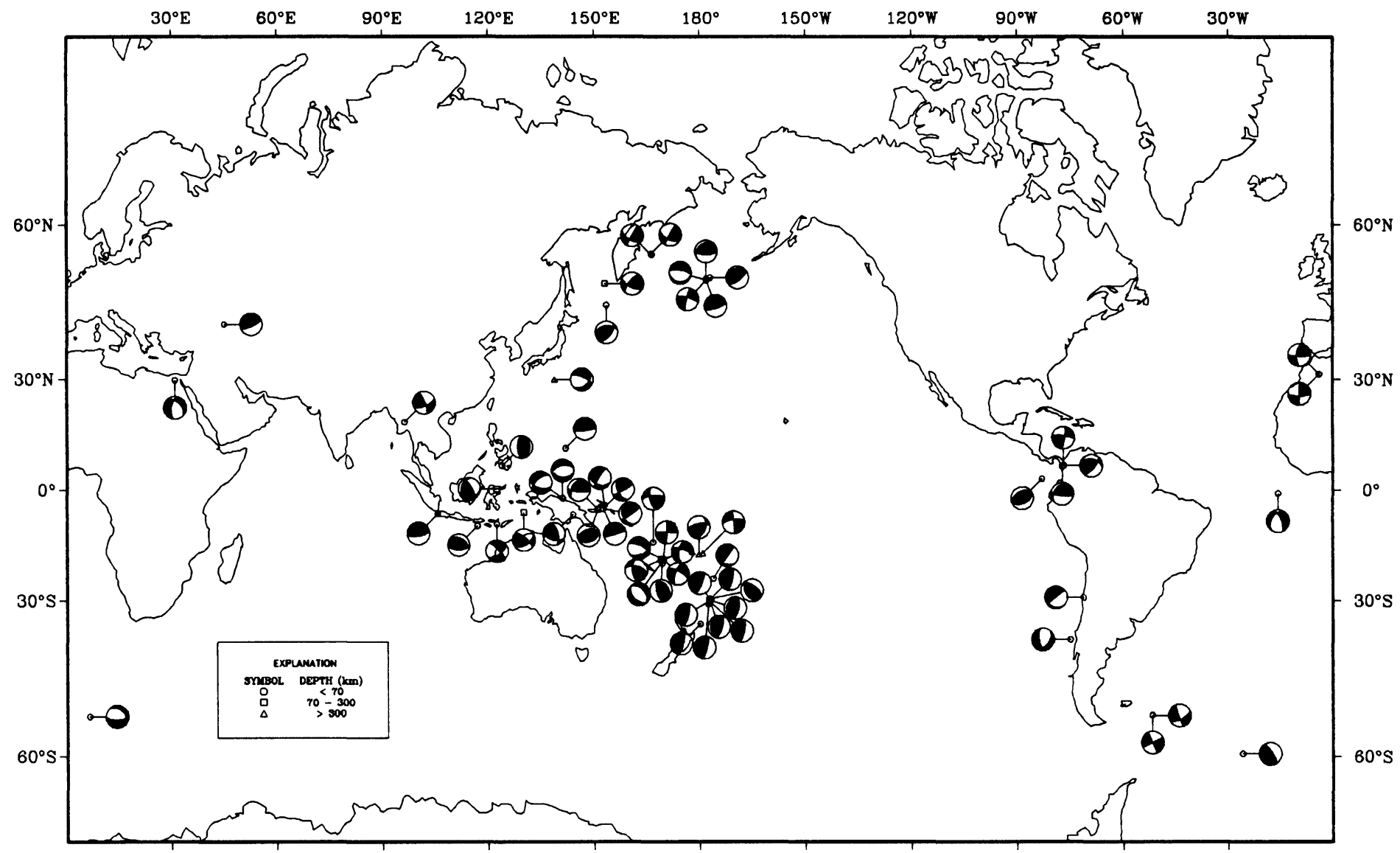
30 October 1992 02:49:48.17
South of Honshu, Japan

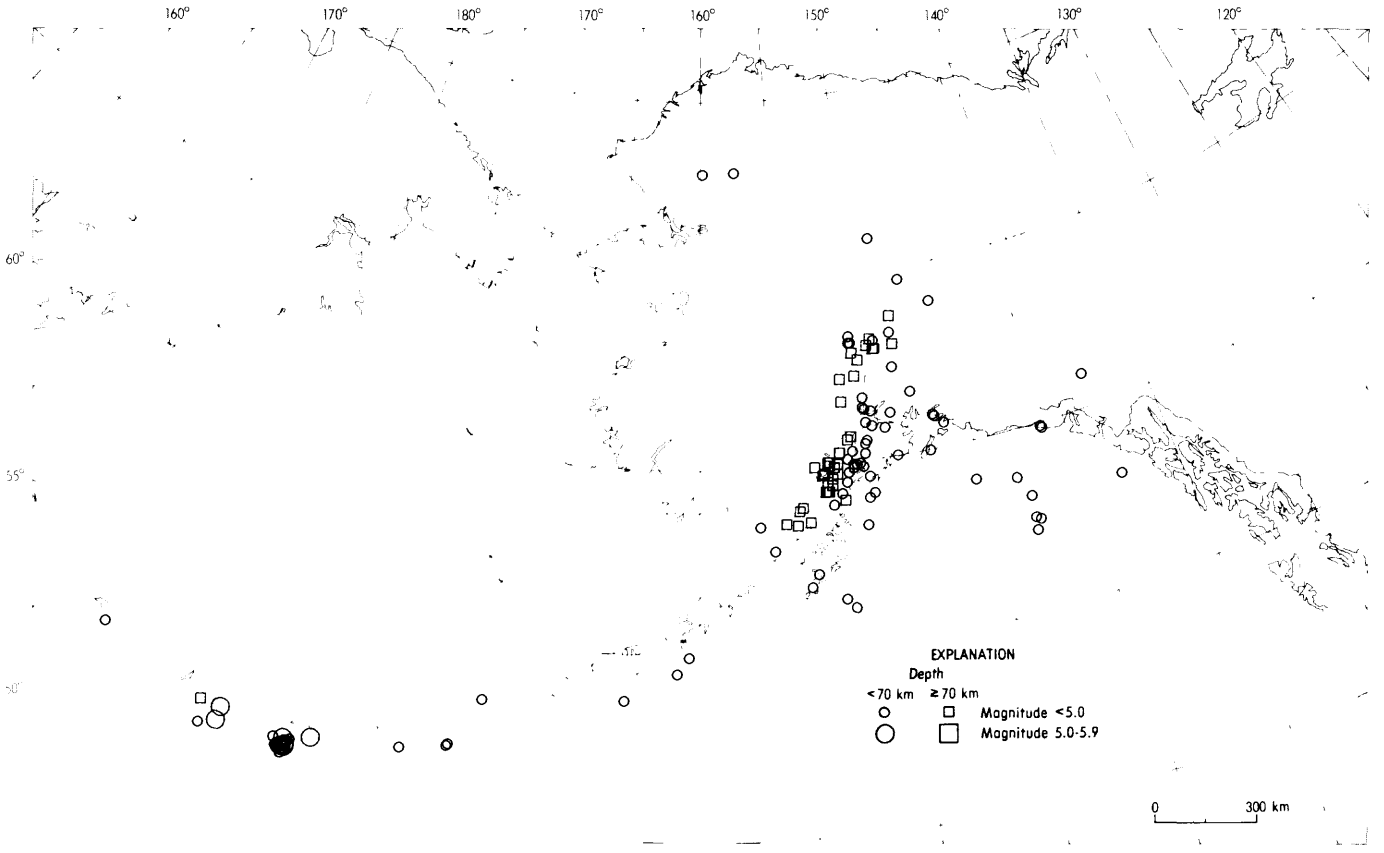


31 October 1992 14:34:22.48
Near N Coast of New Guinea, Png.

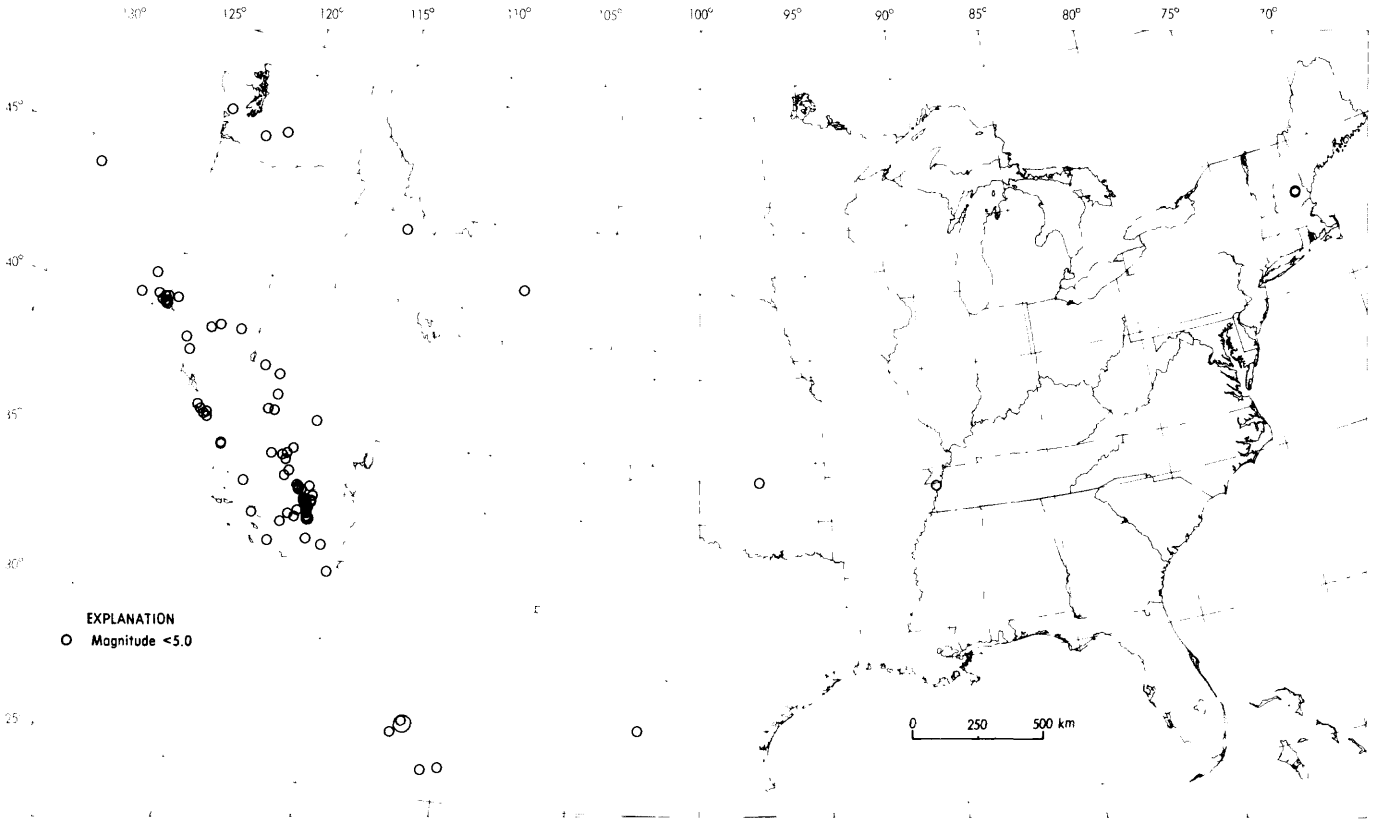


Earthquake Focal Mechanisms for October 1992

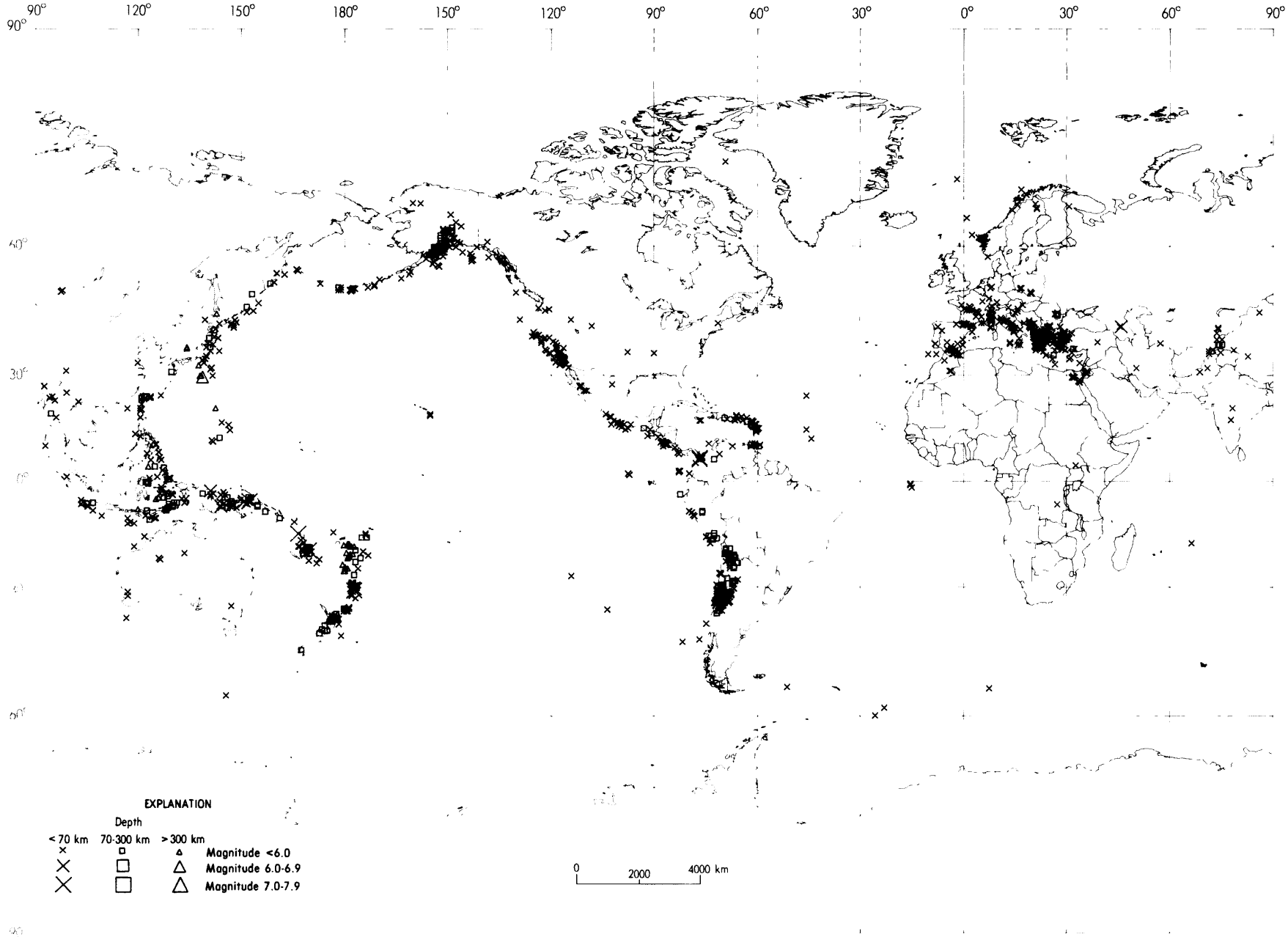




Earthquake epicenters in Alaska and adjacent regions for October, 1992.



Earthquake epicenters in the conterminous United States and adjacent regions for October, 1992.



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Earthquakes located in October, 1992.

PRELIMINARY DETERMINATION OF EPICENTERS

MONTHLY LISTING

S. DEPARTMENT OF THE INTERIOR / GEOLOGICAL SURVEY

National Earthquake Information Center

NOVEMBER 1992

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	04	30.8*	12.210	N	87.782	W	33	N	4.7		0.9	25	NEAR COAST OF NICARAGUA
	01	00	23	06.8*	35.258	N	69.502	E	48	?	4.5		1.3	17	HINDU KUSH REGION, AFGHANISTAN
	01	00	42	58.2*	37.360	N	144.379	E	33	N	3.8		1.2	12	OFF EAST COAST OF HONSHU, JAPAN
	01	01	05	01.3&	35.320	N	118.566	W	0					11	CENTRAL CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.6 (GS).
	01	01	12	56.6	14.875	S	166.700	E	59	*	5.2	4.7	1.1	131	VANUATU ISLANDS
	01	01	38	18.1*	6.030	S	154.302	E	92	*	4.8		1.3	19	SOLOMON ISLANDS
	01	01	45	34.1*	53.116	N	160.109	E	59	*	4.6		1.1	66	NEAR EAST COAST OF KAMCHATKA. Felt (III) at Petropavlovsk-Komchatskiy.
	01	02	05	20.4%	38.930	S	175.520	E	166	*			0.7	33	NORTH ISLAND, NEW ZEALAND
	01	03	22	41.4?	32.43	S	72.00	W	10	G			0.4	9	NEAR COAST OF CENTRAL CHILE. MD 3.4 (SAN).
	01	03	49	16.0*	18.098	N	68.619	W	110	*			0.7	18	MONA PASSAGE
	01	04	54	45.1	13.315	N	89.901	W	10	G	4.6	4.6	1.0	62	EL SALVADOR
	01	05	14	27.5*	5.546	N	123.862	E	565	?	4.8		1.5	11	MINDANAO, PHILIPPINE ISLANDS
	01	05	24	45.8%	10.991	N	60.367	W	28	*			0.7	10	TRINIDAD. MD 3.0 (TRN).
	01	05	48	27.5*	2.370	S	141.224	E	30	D	4.4		1.2	19	NEAR N COAST OF NEW GUINEA, PNG.
	01	05	51	11.2%	34.341	S	70.156	W	5	G			0.3	9	CHILE-ARGENTINA BORDER REGION. MD 3 4 (SAN).
	01	06	45	23.7?	13.34	N	120.29	E	156	?	4.5		1.5	7	MINDORO, PHILIPPINE ISLANDS
	01	07	13	19.0	47.336	N	11.675	E	10	G			0.5	7	AUSTRIA. ML 1.5 (VIE).
	01	07	19	48.2?	0.23	N	125.07	E	71	*	4.9		0.8	11	NORTHERN MOLUCCA SEA
	01	07	20	30.2&	33.896	N	118.570	W	8					18	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS), 2.5 (GS).
a	01	07	24	39.3	5.582	S	154.344	E	142	D	5.2		0.9	73	SOLOMON ISLANDS
	01	07	35	59.1*	35.660	S	179.231	W	32	*	4.8		1.0	23	EAST OF NORTH ISLAND, N.Z.
	01	07	51	25.3*	48.852	S	8.533	W	10	G	5.3		1.1	26	SOUTHERN MID-ATLANTIC RIDGE
	01	07	53	45.7*	15.824	N	59.673	W	33	N			0.6	20	LEEWARD ISLANDS. ML 3.8 (FDF). MD 4.4 (TRN).
	01	08	13	01.1	47.457	N	11.762	E	9				1.3	32	AUSTRIA. ML 2.6 (VIE), 2.6 (FUR). MD 2.7 (LJU).
	01	08	16	01.8	47.389	N	11.789	E	10	G			0.8	8	AUSTRIA. ML 2.0 (VIE).
	01	08	20	31.5	47.380	N	11.806	E	10	G			0.5	6	AUSTRIA. ML 1.7 (VIE).
	01	08	23	51.6	64.154	N	149.898	W	154		5.0		0.7	151	CENTRAL ALASKA
	01	08	24	55.7	47.405	N	11.791	E	10	G			0.8	19	AUSTRIA. ML 2.6 (LDG), 2.1 (FUR), 2.1 (VIE).
	01	08	35	44.9%	11.152	N	61.926	W	100	G			0.5	7	WINDWARD ISLANDS. MD 3.5 (TRN).
	01	09	12	34.9	47.378	N	11.809	E	10	G			0.7	6	AUSTRIA. ML 1.3 (VIE).
a	01	09	36	42.5	28.907	S	69.544	W	110	D	5.6		1.1	239	CHILE-ARGENTINA BORDER REGION. Felt (V) at La Serena, Coquimbo and Copiopo, Chile.
a	01	10	03	16.3	55.633	S	27.629	W	25	D	5.4	5.1	1.2	68	SOUTH SANDWICH ISLANDS REGION
	01	10	41	58.0*	13.691	N	60.394	W	26				0.4	9	WINDWARD ISLANDS. MD 3.5 (TRN). ML 3.2 (FDF).
	01	11	44	45.7?	32.64	S	71.61	W	23				0.3	10	NEAR COAST OF CENTRAL CHILE. MD 3.4 (SAN).
	01	11	45	15.1	44.654	N	6.787	E	7				0.9	76	FRANCE. ML 3.4 (LDG), 3.3 (STR), 3.1 (GEN).
	01	12	23	33.8%	42.444	N	19.129	E	10	G			0.7	9	NORTHWESTERN BALKAN REGION. ML 2.0 (TTG).
	01	13	36	38.8?	28.70	S	175.96	W	91	?	4.5		0.9	10	KERMADEC ISLANDS REGION
	01	14	06	38.1?	45.01	N	127.31	W	10	G	3.3		0.7	9	OFF COAST OF OREGON
	01	14	20	40.0*	32.091	S	71.018	W	80	G			1.0	13	NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).
	01	15	28	07.2*	4.889	S	135.490	E	33	N	3.7		1.3	10	IRIAN JAYA REGION, INDONESIA
	01	15	49	08.6	34.246	S	68.323	W	33	N			1.2	14	MENDOZA PROVINCE, ARGENTINA. MD 3.7 (SAN).
	01	15	56	03.6*	15.164	N	92.645	W	124	*	3.8		1.2	13	MEXICO-GUATEMALA BORDER REGION
	01	16	04	36.2	44.659	N	6.833	E	10	G			0.5	17	FRANCE. ML 2.2 (GEN), 2.2 (LDG).
	01	16	14	56.3?	42.93	N	8.53	W	10	G			0.2	4	SPAIN. mbLg 2.9 (MDD).
a	01	17	47	46.7	2.294	S	141.391	E	29	D	5.2	5.1	1.1	137	NEAR N COAST OF NEW GUINEA, PNG.
	01	18	41	07.1*	16.654	N	99.505	W	33	N			0.9	6	NEAR COAST OF GUERRERO, MEXICO
	01	20	22	46.3?	35.99	S	71.57	W	110	G			0.4	10	CENTRAL CHILE. MD 4.0 (SAN).
a	01	20	58	02.2	1.808	N	127.317	E	94		5.4		1.1	78	HALMAHERA, INDONESIA
	01	21	13	59.1&	64.725	N	147.452	W	11					49	CENTRAL ALASKA. <AEIC>. ML 3.2 (AEIC), 3.7 (PMR). Felt (IV) at Fairbanks and North Pole.
	01	21	30	23.2%	18.183	N	67.106	W	10	G			1.3	7	MONA PASSAGE
	02	00	05	27.9	44.448	N	10.869	E	10	G			1.0	19	NORTHERN ITALY. ML 2.6 (LDG).
	02	00	07	00.5?	18.22	N	76.56	E	33	N	3.9		1.4	8	SOUTHERN INDIA
	02	00	54	20.4*	6.749	N	72.920	W	182	*	4.5		1.2	10	NORTHERN COLOMBIA
	02	01	25	43.7	36.134	N	27.713	E	33	N			1.1	22	DODECANESE ISLANDS. ML 4.2 (ATH). MD 3.9 (ISK).
	02	01	41	10.1*	2.119	N	95.675	E	33	N	4.7		1 0	15	OFF W COAST OF NORTHERN SUMATERA

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	02	01	58	42.5?	34.13	S	71.09	W	33	N			0.4	9	NEAR COAST OF CENTRAL CHILE MD 3.3 (SAN).
	02	04	52	52.9	37.228	N	71.990	E	128		4.8		1.1	112	AFGHANISTAN-TAJIKISTAN BORD REG.
	02	04	58	06.8%	33.256	S	70.133	W	110	G			0.2	10	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	02	06	42	47.3?	43.40	N	19.69	E	10	G			0.6	8	NORTHWESTERN BALKAN REGION. ML 2.2 (TTG).
	02	06	42	50.9*	32.465	S	70.024	W	110	G			0.9	14	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
	02	06	54	10.3*	42.740	N	104.389	W	5	G			1.1	6	WYOMING. ML 3.0 (GS). Felt (V) at Lusk and (II) at Manville.
	02	10	35	16.9*	28.379	N	140.918	E	210	?	4.2		0.8	12	BONIN ISLANDS REGION
	02	11	03	02.7%	40.246	N	29.622	E	10	G			0.5	8	TURKEY. MD 3.0 (ISK).
	02	11	09	13.1&	32.069	N	116.443	W	6	G				5	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 2.8 (PAS).
	02	11	10	18.1&	59.824	N	152.153	W	79					58	SOUTHERN ALASKA. <AEIC>.
	02	11	10	45.3&	59.644	N	152.263	W	70					38	SOUTHERN ALASKA. <AEIC>.
	02	12	15	16.4&	61.822	N	150.574	W	58					65	SOUTHERN ALASKA. <AEIC>. ML 2.8 (AEIC).
	02	12	59	30.7?	31.48	S	68.68	W	105	?			0.5	6	SAN JUAN PROVINCE, ARGENTINA
	02	14	32	32.6%	44.713	N	6.783	E	10	G			0.3	6	FRANCE. ML 1.7 (GEN).
	02	15	03	23.0*	5.474	N	125.692	E	193	*	4.8		1.0	17	MINDANAO, PHILIPPINE ISLANDS
	02	15	13	25.8	46.727	N	8.328	E	0	G	4.2		1.2	108	SWITZERLAND. ML 4.0 (GRF), 3.8 (LDG), 3.5 (STR), 3.4 (ROM). MD 3.7 (VIE), 3.4 (LJU). Six people killed by the accidental explosion of an ammunitions cavern.
	02	15	42	57.0	15.915	N	96.608	W	30	D	4.8	4.5	1.1	62	NEAR COAST OF OAXACA, MEXICO
	02	16	20	13.4?	33.20	N	48.08	E	100	*	4.3		0.2	6	WESTERN IRAN
	02	17	57	36.9	43.803	N	140.200	E	220	D	4.7		1.0	102	HOKKAIDO, JAPAN REGION
	02	18	04	05.2&	58.913	N	154.162	W	108					72	ALASKA PENINSULA. <AEIC>.
	02	19	30	16.7&	36.008	N	118.376	W	6	G				8	CENTRAL CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	02	19	43	54.4&	34.306	N	116.442	W	6					5	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	02	19	57	29.4	32.951	S	69.874	W	120	G			0.7	15	MENDOZA PROVINCE, ARGENTINA. MD 3.6 (SAN).
a	02	20	36	22.1	30.096	S	176.479	W	10	G	5.1	5.4	1.2	49	KERMADEC ISLANDS REGION
	02	21	19	49.6*	14.942	S	128.725	E	10	G			1.0	6	WESTERN AUSTRALIA
	02	22	20	49.4	41.125	N	23.246	E	10	G			0.7	10	GREECE-BULGARIA BORDER REGION. ML 2.5 (THE), 1.8 (SKO).
	03	00	12	43.2	65.008	N	20.236	E	0	G			1.0	10	SWEDEN. MD 3.9 (BER). Felt in the Kusfors area.
	03	00	19	31.8	39.291	N	17.324	E	10	G			0.8	12	SOUTHERN ITALY
	03	00	49	20.8	56.426	N	149.419	W	10	G			0.5	46	GULF OF ALASKA. ML 3.1 (AEIC).
	03	00	56	20.1%	33.280	S	71.448	W	40	G			0.3	10	NEAR COAST OF CENTRAL CHILE. MD 3.4 (SAN).
	03	01	07	53.3?	26.28	N	40.50	E	10	G			1.4	6	WESTERN ARABIAN PENINSULA. MD 3.7 (RYD).
	03	01	37	37.1?	16.84	N	96.39	W	10	G			0.7	5	OAXACA, MEXICO
	03	01	38	46.5	41.171	N	20.056	E	10	G			1.1	12	ALBANIA. ML 2.7 (THE), 2.6 (TIR).
	03	02	53	52.4	17.973	N	70.683	W	35		4.6	3.5	1.1	65	DOMINICAN REPUBLIC REGION
	03	02	57	29.8*	32.622	S	70.394	W	100	G			1.4	16	CHILE-ARGENTINA BORDER REGION. MD 3.8 (SAN).
	03	04	28	18.6%	42.446	N	19.125	E	10	G			0.6	9	NORTHWESTERN BALKAN REGION. ML 1.7 (TTG).
	03	04	57	26.0*	43.800	N	148.224	E	78	?	4.4		1.2	16	EAST OF KURIL ISLANDS
	03	06	00	26.0&	32.894	N	115.952	W	9					5	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P> ML 3.3 (PAS). Felt in southern California.
	03	06	58	04.1?	15.90	N	99.36	W	33	N			1.0	7	OFF COAST OF GUERRERO, MEXICO
	03	07	12	55.6	39.316	N	29.108	E	10	G			1.2	10	TURKEY. MD 3.1 (ISK).
	03	08	57	44.4%	40.377	N	23.323	E	10	G			0.3	6	GREECE
	03	09	02	11.5%	44.144	N	11.447	E	10	G			1.1	6	NORTHERN ITALY
	03	09	23	54.7%	39.102	N	27.431	E	10	G			0.7	5	TURKEY. MD 2.8 (ISK).
	03	09	28	08.1&	35.000	N	116.957	W	8					13	CENTRAL CALIFORNIA. <PAS-P> ML 3.4 (PAS), 3.0 (GS).
	03	09	38	04 5&	62.202	N	147.908	W	33					66	CENTRAL ALASKA. <AEIC>.
	03	09	51	20.6	38.411	N	22.342	E	13		4.0		1.1	30	GREECE. ML 3.6 (THE), 3.5 (TIR), 3.4 (ATH).
	03	09	52	58.7	52.454	N	152.436	E	446	*	4.3		0.9	30	NORTHWEST OF KURIL ISLANDS
	03	10	08	38.0	37.406	N	21.740	E	10	G			1.0	17	SOUTHERN GREECE. ML 3.7 (ATH).
	03	10	41	50.4%	39.631	N	29.420	E	10	G			1.1	5	TURKEY. MD 2.6 (ISK).
	03	10	46	26.3*	61.847	S	161.760	W	10	G	5.1		1.4	17	PACIFIC-ANTARCTIC RIDGE
	03	11	14	05.2%	39.021	N	27.643	E	10	G			0.5	5	TURKEY. MD 2.5 (ISK).
	03	11	56	36.1?	43.57	N	8.11	E	30	*			0.1	7	CORSICA. ML 2.2 (GEN).
	03	12	25	53.3&	37.548	N	118.438	W	6					13	CALIFORNIA-NEVADA BORDER REGION. <BRK>. ML 3.2 (BRK).
	03	13	04	12.4*	43.817	N	9.764	E	16				0.9	21	CORSICA
	03	14	04	20.6?	47.25	N	11.30	E	10	G			0.3	4	AUSTRIA ML 1.0 (VIE).
	03	14	14	30.6%	44.383	N	7.382	E	10	G			0.3	7	NORTHERN ITALY. ML 1.5 (GEN).
	03	14	57	58.9?	60.72	N	5.51	E	10	G			0.1	4	SOUTHERN NORWAY. ML 1.3 (NAO). MD 1.5 (BER).
a	03	15	41	28.4	23.981	S	70.221	W	31	D	5.2	4.3	1.2	41	NEAR COAST OF NORTHERN CHILE. Felt (V) at Antofagasta.
	03	16	25	33.9?	34.49	S	179.23	W	33	N	3.9		0.7	7	SOUTH OF KERMADEC ISLANDS
	03	16	30	49.5*	66.930	N	20.930	E	10	G			0.5	5	SWEDEN. MD 3.6 (BER).
	03	17	06	00.9*	17.014	N	98.482	W	66	*	4.5		0.7	10	GUERRERO, MEXICO
	03	17	31	23.7	35.328	N	123.312	E	10	G	4.8		1.2	44	YELLOW SEA ML 5.0 (BJI).
	03	19	00	11.8%	45.656	N	26.428	E	10	G			1.4	7	ROMANIA
	03	19	38	48.5*	50.344	N	18.909	E	10	G			1.3	6	POLAND. ML 2.7 (WAR).
	03	22	01	43.4*	6.262	S	103.551	E	33	N	4.9		1.0	22	SOUTHWEST OF SUMATERA, INDONESIA
	03	23	07	29.6	6.897	N	76.787	W	13	D	4.5		1.3	31	NORTHERN COLOMBIA
	04	00	08	23.6*	37.196	N	31.483	E	33	N			1.3	7	TURKEY. MD 3.5 (ISK). ML 3.1 (CSS).
	04	00	21	04.1*	7.264	S	122.937	E	542	?	4.4		0.7	11	FLORES SEA
	04	00	50	36.9*	11.245	N	86.534	W	81	?	4.5		1.4	58	NEAR COAST OF NICARAGUA
a	04	01	59	26.9	61.542	S	154.573	E	10	G	5.6	6.2	1.1	128	BALLENY ISLANDS REGION. Mo=5.0*10**18 Nm (PPT).
	04	02	41	02.2	33.248	S	68.073	W	10	G			0.5	8	MENDOZA PROVINCE, ARGENTINA
	04	03	35	12.4	28.973	N	130.732	E	20		4.4		1.0	25	RYUKYU ISLANDS
	04	03	56	00.4	50.837	N	6.122	E	24				0.9	18	GERMANY. ML 2.6 (LDG), 2.0 (BNS), 2.0 (KOE). MD 2.2 (UCC).
	04	04	19	59.3*	62.042	N	2.236	E	10	G			0.7	8	NORWEGIAN SEA. ML 3.2 (BGS). MD 2.8 (BER).
a	04	04	53	05.0*	35.788	S	102.281	W	10	G	5.0	5.1	1.1	59	SOUTHERN PACIFIC OCEAN
	04	05	28	38.2*	0.131	S	17.175	W	10	G	4.8	4.6	1.5	26	NORTH OF ASCENSION ISLAND
	04	06	00	25.8%	40.648	N	22.496	E	10	G			0.5	6	GREECE
	04	07	09	51.5&	59.727	N	153.543	W	127					55	SOUTHERN ALASKA. <AEIC>.
	04	08	22	31.9%	38.997	N	27.629	E	10	G			0 8	5	TURKEY. MD 2.9 (ISK).
	04	08	33	11.3	41.871	N	20.097	E	10	G			1.1	11	ALBANIA. ML 2.2 (TTG), 1.9 (TIR).
	04	08	33	46.9*	39.261	N	29.092	E	10	G			0.5	5	TURKEY. MD 2 9 (ISK).
	04	09	21	26.4?	51.42	N	16.07	E	10	G			1.1	7	POLAND MG 3 0 (WAR).
	04	09	54	40.4	39.226	N	27.997	E	10	G			0.7	10	TURKEY MD 3.2 (ISK).
	04	10	02	49.0%	44.341	N	7.495	E	10	G			0.1	5	NORTHERN ITALY ML 2.0 (GEN).
	04	10	08	42.8%	43.813	N	6.898	E	10	G			0.8	11	NEAR SOUTH COAST OF FRANCE
	04	10	29	40.3&	34 581	N	116.580	W	7					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3 0 (PAS).
	04	11	25	14.7&	33.974	N	116.923	W	5					12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).

	04	11	29	01.2*	23.798	N	121.889	E	10	G			1.4	5	TAIWAN
	04	11	55	45.7%	31.567	S	70.548	W	141	*			0.5	11	CHILE-ARGENTINA BORDER REGION
	04	12	01	35.7&	45.114	N	122 685	W	31					29	WASHINGTON-OREGON BORDER REGION. <SEA>. MD 2.5 (SEA).
	04	12	03	05.9%	39.027	N	27.638	E	10	G			0.9	5	TURKEY. MD 2.7 (ISK).
	04	13	05	01.2?	32.60	S	70.24	W	110	G			0.3	9	CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
	04	13	41	12.0	35.419	N	27.836	E	85	*	3.8		0.9	19	DODECANESE ISLANDS
	04	13	45	51.9?	32.09	S	71.42	W	33	N			0.4	6	NEAR COAST OF CENTRAL CHILE. MD 3.5 (SAN).
	04	14	01	57.5*	36.905	S	177.579	E	199		4.9		1.3	33	OFF E. COAST OF N. ISLAND, N.Z.
	04	14	48	23.6?	47.61	N	1.25	W	10	G			0.4	5	FRANCE. ML 1.9 (LDG).
	04	14	49	08.8*	54.147	S	2.792	E	10	G	5.0		1.5	13	BOUVET ISLAND REGION
	04	15	19	07.9*	36.037	S	178.394	E	228	*	4.1		1.0	32	OFF E. COAST OF N. ISLAND, N.Z.
	04	15	26	10.1	38.054	N	142.115	E	44	*	4.3		1.0	19	NEAR EAST COAST OF HONSHU, JAPAN
	04	15	42	44.0	40.765	S	172.281	E	10	G			1.1	20	OFF W. COAST OF S. ISLAND, N.Z. ML 3.7 (WEL).
	04	16	01	58.8?	46.30	N	14.13	E	10	G			1.0	4	NORTHWESTERN BALKAN REGION
	04	16	29	39.9*	29.713	N	31.541	E	10	G			1.2	12	EGYPT. ML 3.8 (CSS). MD 3.6 (HLW), 3.6 (RYD).
	04	17	06	21.9*	35.827	N	27.546	E	33	N			1.5	5	DODECANESE ISLANDS. ML 3.8 (CSS). MD 3.8 (ATH).
	04	17	09	33.2	49.148	N	6.893	E	10	G			0.6	14	GERMANY. ML 2.6 (STR). MD 2.5 (UCC).
f	04	18	13	13.4	14.238	S	167.641	E	14	G	6.1	6.1	1.1	275	VANUATU ISLANDS. Mo=1.0*10**19 Nm (PPT). Depth from broodbond displocement seismograms.
	04	18	22	09.9	41.470	N	113.336	W	10	G	4.3		0.8	51	UTAH. Felt (IV) at Grouse Creek and Park Valley; (III) at Clearfield and Magna; (II) at Fielding and Garland. Felt (IV) at Heyburn, Idaho and (III) at Albion, Almo, Buhl, Burley, Carinne, Declo, Elba, Holbrook and Howell, Idaho. Felt (III) at Wells, Nevada and (II) at Jackpot, Nevada. Also felt at Salt Lake City, Utah and Rupert, Idaho.
	04	18	59	10.3*	14.152	S	167.603	E	36	*	4.7		1.2	37	VANUATU ISLANDS
	04	19	11	44.1%	42.976	N	18.758	E	10	G			0.4	8	NORTHWESTERN BALKAN REGION. ML 1.6 (TTG).
	04	19	26	26.4&	59.792	N	153.256	W	115					63	SOUTHERN ALASKA. <AEIC>.
	04	19	27	57.2	41.458	N	14.870	E	7				0.9	18	SOUTHERN ITALY. ML 3.1 (TTG).
	04	20	03	25.9	51.141	N	15.792	E	5	G			0.6	9	POLAND. ML 3.4 (GRF).
	04	20	31	04.0*	0.590	S	17.466	W	10	G	5.0	4.6	1.2	101	NORTH OF ASCENSION ISLAND
	04	20	34	36.9?	38.08	N	21.68	E	10	G			0.7	6	GREECE. ML 2.3 (THE).
	04	21	12	43.1*	33.045	S	138.670	E	10	G			1.4	5	NEAR SOUTH COAST OF AUSTRALIA. ML 3.1 (BFD).
	04	21	24	34.8*	37.832	N	27.454	E	10	G			0.6	6	TURKEY. MD 3.1 (ISK).
a	04	21	32	33.9	31.565	S	71 565	W	19	G	5.8	5.9	1.0	302	NEAR COAST OF CENTRAL CHILE. Mo=4.0*10**18 Nm (PPT). Felt (V) at Santiago and Illopel; (IV) at La Serena. Also felt (IV) at Mendoza, Argentina. Depth from broodbond displocement seismograms.
	04	21	44	42.4%	37.264	N	27 610	E	5	G			1.0	9	TURKEY. MD 3.6 (ISK).
	04	21	49	43.6	31 644	S	72 069	W	50	*			0.7	19	OFF COAST OF CENTRAL CHILE
	04	22	13	00.6?	31.76	S	71.57	W	10	G			0.8	9	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
	04	22	20	42.1?	31.97	S	71.59	W	10	G			0.1	9	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	04	23	24	13.8*	31.713	S	71.750	W	10	G			0.9	13	NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).
	04	23	43	52.4	31.678	S	72.009	W	30	G			0.6	15	OFF COAST OF CENTRAL CHILE. MD 3.8 (SAN).
	05	00	02	56.2*	31.622	S	72.001	W	20	G			1.0	15	OFF COAST OF CENTRAL CHILE. MD 3.7 (SAN).
	05	00	18	44.5*	31.652	S	71.986	W	9				0.9	13	NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN).
	05	00	23	09.5*	14.396	S	167.614	E	48	*	4.4		1.1	35	VANUATU ISLANDS
	05	00	37	54.1*	51.306	N	15.585	E	10	G			1.0	7	POLAND. MG 3.4 (WAR).
	05	01	00	07.4?	51.64	N	16.21	E	10	G			0.4	11	POLAND. ML 3.8 (VIE), 3.7 (GRF).
	05	01	08	26.9*	31.651	S	72.133	W	33	N			1.0	16	OFF COAST OF CENTRAL CHILE. MD 4.0 (SAN).
	05	01	58	52.3?	32.54	S	71.94	W	20	G			0.4	9	NEAR COAST OF CENTRAL CHILE. MD 3.5 (SAN).
	05	02	05	38.1	32.914	S	71.541	W	20	G			0.8	20	NEAR COAST OF CENTRAL CHILE. MD 4.1 (SAN).
	05	03	49	32.9	22.978	N	121.190	E	5	G	3.2		0.8	7	TAIWAN REGION
	05	03	53	13 0%	37.377	N	27.633	E	10	G			1.3	7	TURKEY. MD 3.4 (ISK).
	05	04	01	09.6&	34.626	N	116.650	W	4					8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.4 (GS).
	05	04	21	45.4*	15.575	N	93.989	W	93	*	4.2		1.1	15	NEAR COAST OF CHIAPAS, MEXICO
	05	04	33	32.9?	16.51	N	99.70	W	33	N			1.2	7	NEAR COAST OF GUERRERO, MEXICO
o	05	06	09	40.4	14.242	S	167.602	E	52	*	5.4	5.4	1.1	174	VANUATU ISLANDS
	05	06	20	40.5%	39.347	N	28.071	E	10	G			1.3	7	TURKEY. MD 2.9 (ISK).
	05	07	39	04.3*	36 472	N	140.748	E	65	*	4.1		1.0	13	NEAR EAST COAST OF HONSHU, JAPAN
	05	08	02	17.0?	32.84	S	71.76	W	50	G			0.4	9	NEAR COAST OF CENTRAL CHILE. MD 3.4 (SAN).
	05	09	21	56.5*	36 494	N	70.374	E	204	?	4.4		0.6	13	HINDU KUSH REGION, AFGHANISTAN
	05	09	43	50.7*	56.546	N	162.807	E	33	N	4.4		0.8	15	NEAR EAST COAST OF KAMCHATKA
	05	09	49	31.4%	40.414	N	27.964	E	10	G			1.0	6	TURKEY. MD 2.8 (ISK).
	05	09	54	37.4	32.174	S	70.900	W	104				0.9	25	CHILE-ARGENTINA BORDER REGION. MD 4.1 (SAN). Felt (III) at San Felipe, Chile.
	05	09	57	55.6%	42.221	N	18.514	E	10	G			0.7	9	NORTHWESTERN BALKAN REGION. ML 1.7 (TTG).
	05	10	31	10.0*	7.719	N	126.931	E	33	N	4.7		0.7	8	MINDANAO, PHILIPPINE ISLANDS
	05	10	46	56.8*	49.137	N	6 821	E	10	G			0.8	8	GERMANY. ML 2.3 (STR).
	05	10	48	25.5?	34.41	N	112.16	E	10	G			0.7	4	SOUTHEASTERN CHINA. ML 3.3 (BJI).
	05	11	13	17.2?	45.02	N	6.47	E	10	G			0.4	5	FRANCE. ML 1.8 (GEN).
	05	11	14	17.0%	45 031	N	6.598	E	10	G			0 4	5	FRANCE. ML 1.8 (GEN).
	05	12	20	43.0	33.808	S	70.407	W	100	G			1.0	20	CHILE-ARGENTINA BORDER REGION. MD 4.0 (SAN).
	05	12	59	33.9%	37.472	S	177 997	E	70	G			0.2	6	OFF E COAST OF N. ISLAND, N.Z.
	05	13	06	34.2	41.264	N	20.906	E	10	G			1 5	6	ALBANIA. ML 2.1 (SKO).
	05	13	26	10.0*	31.699	S	71.891	W	30	G			0 3	13	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	05	13	34	29.7	41.676	N	15.798	E	86	*	4.4		0.9	87	SOUTHERN ITALY. MD 4.2 (TRI), 3.9 (TTG), 3.7 (FIR).
	05	13	41	49.6?	42.67	N	24.20	E	10	G			0.5	7	BULGARIA. ML 3.0 (THE).
	05	15	04	54.1&	67.955	N	145.907	W	11		4.2			65	NORTHERN ALASKA. <AEIC>. ML 4.3 (AEIC). Felt (IV) at Arctic Village and Coldfoot.
	05	15	10	26.1?	39.02	N	27.61	E	10	G			1.0	5	TURKEY. MD 2.8 (ISK).
	05	15	37	26.5?	39.28	N	28.07	E	10	G			1.5	4	TURKEY. MD 2.6 (ISK).
	05	15	42	05.9?	31.73	S	71.84	W	20	G			1.2	15	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	05	15	42	26.9	42.284	N	44.794	E	40		4 5		1 0	30	NORTHWESTERN CAUCASUS. Felt (III) at Groznyy, Georgia.
	05	16	02	54.1	39.269	N	29.135	E	10	G			0.9	13	TURKEY. MD 3.2 (ISK).
	05	16	07	54.0?	31.39	S	71.98	W	30	G			0.4	11	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	05	16	16	34.9	42.333	N	19.461	E	10	G			0.6	14	NORTHWESTERN BALKAN REGION. ML 2.1 (TTG).
	05	17	15	05.0*	31 583	S	72.169	W	30	G			1 2	18	OFF COAST OF CENTRAL CHILE. MD 4.0 (SAN).
	05	17	38	02.1?	7.55	N	126.96	E	65	?	4.8		0 8	8	MINDANAO, PHILIPPINE ISLANDS
	05	17	38	43.9	5.277	S	152.570	E	49		5.0	4.6	0.9	97	NEW BRITAIN REGION, P.N.G.
	05	18	14	52.0	41.563	N	19.356	E	10	G			1 2	42	ALBANIA. ML 3 3 (TTG), 3.2 (THE), 3.2 (TIR).
	05	18	31	45.8	41 541	N	19.341	E	10	G			1 1	20	ALBANIA. ML 3.0 (TIR), 2.8 (TTG).

	05	18	34	04.3	41.525	N	19.322	E	10	G		1.2	20	ALBANIA. ML 3.0 (TIR), 2.8 (TTG).
	05	18	41	49.7	29.711	N	31.006	E	26	D	4.5	1.3	142	EGYPT. MD 4.4 (RYD), 4.3 (HLW). Felt in the Cairo area.
	05	19	16	46.3	29.757	N	31.078	E	25			0.9	34	EGYPT. MD 4.1 (HLW).
f	05	19	53	22.9	5.263	S	152.575	E	20	G	5.9 6.0	1.2	363	NEW BRITAIN REGION, P.N.G. Depth fram broadband displacement seismograms.
	05	20	09	34.1?	42.49	N	13.07	E	10	G		1.5	6	CENTRAL ITALY
	05	20	18	36.7%	33.351	S	70.469	W	90	G		0.3	7	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	05	20	20	32.7?	50.33	N	18.91	E	10	G		0.2	5	POLAND. ML 3.3 (WAR).
	05	20	26	37.8%	46.818	N	1.778	E	10	G		0.7	11	FRANCE. ML 1.9 (LDG).
	05	20	41	11.1	39.548	N	25.360	E	10	G		0.8	28	AEGEAN SEA. ML 3.6 (ATH), 3.3 (THE). MD 3.7 (ISK).
	05	20	46	54.7?	45.15	S	166.20	E	33	N		0.7	13	OFF W. COAST OF S. ISLAND, N.Z. ML 3.7 (WEL).
	05	21	03	49.6*	5.237	S	152.644	E	57	*	4.0	0.7	11	NEW BRITAIN REGION, P.N.G.
	05	21	24	01.0*	31.702	S	71.928	W	20	G		0.9	20	NEAR COAST OF CENTRAL CHILE. MD 4.1 (SAN).
	05	22	04	14.9*	37.118	S	177.589	E	140	G		1.1	14	OFF E. COAST OF N. ISLAND, N.Z.
a	05	22	25	07.6	5.264	S	152.569	E	39		5.4 4.7	0.9	143	NEW BRITAIN REGION, P.N.G.
	05	22	29	36.8?	14.73	N	60.20	W	33	N		0.2	7	WINDWARD ISLANDS. ML 3.0 (FDF).
	05	22	35	49.6	36.455	N	140.710	E	68		4.4	0.7	27	NEAR EAST COAST OF HONSHU, JAPAN
	05	23	07	57.3%	42.671	N	18.132	E	10	G		0.4	9	NORTHWESTERN BALKAN REGION. ML 1.9 (TTG).
	05	23	19	30.9*	31.788	S	71.909	W	30	G		0.6	13	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
	05	23	31	32.1%	44.570	N	7.003	E	10	G		0.5	6	NORTHERN ITALY. ML 1.9 (LDG).
	06	00	27	50.6	5.531	S	152.665	E	51	*	4.6 4.2	1.0	24	NEW BRITAIN REGION, P.N.G.
	06	01	09	24.3&	34.401	N	116.464	W	4				7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.6 (GS).
	06	01	13	51.2*	4.798	S	152.221	E	33	N	4.2	0.9	10	NEW BRITAIN REGION, P.N.G.
	06	01	19	07.5	5.256	S	152.641	E	33	N	5.0	0.9	49	NEW BRITAIN REGION, P.N.G.
	06	01	21	50.2?	21.76	N	143.67	E	166	?	4.5	1.2	35	MARIANA ISLANDS REGION
	06	02	00	59.1&	60.625	N	142.281	W	0				55	SOUTHERN ALASKA. <AEIC>. ML 3.4 (AEIC), 3.4 (PGC).
	06	02	11	57.1	49.155	N	6.880	E	10	G		0.5	10	GERMANY. ML 1.9 (STR).
	06	02	18	12.2	43.207	N	18.958	E	10	G		1.1	26	NORTHWESTERN BALKAN REGION. ML 3.5 (TIR), 3.0 (TTG). MD 3.5 (TRI).
	06	02	41	52.8?	39.53	N	26.24	E	10	G		0.7	6	TURKEY. ML 3.1 (THE).
	06	02	42	01.0*	29.572	N	31.152	E	32		3.1	0.5	11	EGYPT. MD 3.5 (HLW).
	06	02	52	47.9	38.310	N	1.820	W	5	G		0.9	18	SPAIN. mbLg 3.1 (MDD). Felt (III) in the Moratalla area.
	06	03	15	13.4?	42.63	N	13.53	E	10	G		1.5	4	CENTRAL ITALY
	06	04	27	59.3	40.973	N	72.506	E	33	N	4.3	1.3	27	KYRGYZSTAN
	06	04	33	47.4&	59.744	N	152.371	W	71				45	SOUTHERN ALASKA. <AEIC>.
	06	05	10	33.2	32.823	S	71.554	W	33	N		0.9	19	NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN).
	06	06	30	31.8?	43.95	N	7.26	E	10	G		0.5	4	NEAR SOUTH COAST OF FRANCE. ML 1.0 (STR).
a	06	07	21	57.8	41.051	N	72.510	E	40		5.1 4.1	0.9	167	KYRGYZSTAN. Felt (V) at Kochkar-Ata; (III) at Mayli-Say and Tash-Kumyr.
	06	07	46	56.8&	57.822	N	156 280	W	116		3.8		98	ALASKA PENINSULA. <AEIC>.
	06	08	08	08.5	0.207	N	122.779	E	143	*	4.4	0.9	14	MINAHASSA PENINSULA, SULAWESI
	06	08	40	15.1&	37.984	N	118 581	W	4				17	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM). ML 2.8 (GS).
	06	09	50	48.1*	41.148	N	22.169	E	10	G		0.6	10	NORTHWESTERN BALKAN REGION. ML 2.3 (SKO), 2.1 (THE).
	06	09	53	53.2%	38.299	S	176.036	E	213	*		0.5	32	NORTH ISLAND, NEW ZEALAND
	06	09	56	36.8*	32.624	N	137.609	E	364	*	4.2	0.8	14	SOUTH OF HONSHU, JAPAN
	06	10	26	09.8?	6.51	S	147.87	E	96	*	4.3	1.0	6	EASTERN NEW GUINEA REG., P.N.G.
	06	10	32	29.3?	39.60	N	29.34	E	10	G		0.3	4	TURKEY. MD 2.7 (ISK).
	06	10	53	23.7%	33.759	S	70.437	W	100	G		0.2	8	CHILE-ARGENTINA BORDER REGION. MD 3.2 (SAN).
	06	10	56	48.0%	44.542	N	7.428	E	10	G		0.3	7	NORTHERN ITALY. ML 1.9 (GEN).
	06	11	07	17.6%	39.585	N	29.283	E	10	G		0.4	6	TURKEY. MD 2.7 (ISK).
	06	11	22	15.8*	5.518	S	152.626	E	49	?	4.5	0.9	9	NEW BRITAIN REGION, P.N.G.
	06	11	36	19.9	31.335	S	67.941	W	26			0.8	10	SAN JUAN PROVINCE, ARGENTINA
	06	11	47	42.9	34.584	N	79.921	E	12	D	4.6	1.0	35	KASHMIR-XIZANG BORDER REGION
	06	12	30	26.0%	44.733	S	165.992	E	33	N		0.7	16	OFF W. COAST OF S. ISLAND, N.Z. ML 4.1 (WEL).
	06	12	33	22.8?	19.12	N	145.34	E	273	?	4.6	1.5	9	MARIANA ISLANDS
	06	12	47	42.5?	3.68	S	152.18	E	33	N	3.9	1.0	5	NEW IRELAND REGION, P.N.G.
	06	12	59	07.1*	51.432	N	16.004	E	10	G		0.6	10	POLAND. MG 2.9 (WAR).
	06	14	03	49.7?	49.06	N	6.85	E	10	G		0.7	7	GERMANY. ML 2.4 (STR).
	06	14	07	26.0*	28.639	N	139.903	E	348	*	4.1	0.7	15	BONIN ISLANDS REGION
	06	14	47	03.2&	34.004	N	116.748	W	20				20	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.8 (PAS), 3.6 (GS). Felt (III) at Borrego Springs, Cabazan, Cherry Valley and Morongo Valley. Felt (II) at Rialto. Also felt in the Palm Desert area.
	06	14	50	54.6%	38.991	N	27.653	E	5	G		0.7	5	TURKEY. MD 2.9 (ISK).
	06	15	28	46.1*	37.989	N	47.757	E	33	N	4.1	1.3	5	NORTHWESTERN IRAN
	06	16	54	13.4*	15.000	N	61.304	W	193	*		0.5	19	LEEWARD ISLANDS. MD 3.8 (TRN).
	06	16	59	43.9	14.335	S	167.735	E	42	*	4.9 4.1	1.1	61	VANUATU ISLANDS
	06	17	11	22.7*	15.810	S	168.102	E	56	?	4.3	1.0	6	VANUATU ISLANDS
	06	17	58	38.0	34.532	N	69.394	E	33	N	4.5	1.2	26	AFGHANISTAN
	06	17	59	34.4*	8.406	S	154.395	E	33	N	4.8 4.1	1.5	16	D'ENTRECASTEAUX ISLANDS REGION
	06	18	45	39.3?	39.87	N	29.06	E	10	G		0.3	4	TURKEY. MD 2.9 (ISK).
	06	19	03	32.7	6.652	S	127.666	E	334		4.8	0.9	66	BANDA SEA
a	06	19	08	09.2	38.160	N	26.998	E	17	D	5.7 6.0	1.3	359	AEGEAN SEA. ML 5.7 (ATH), 5.3 (THE). Same damage in the Doganbey area, Turkey. Felt strongly at Izmir, Turkey.
	06	19	20	22.1	38.130	N	26.477	E	10	G	3 6	0.9	19	AEGEAN SEA. ML 3.5 (THE).
	06	19	22	10.5	37.823	N	26.753	E	10	G	3.9	0.9	16	DODECANESE ISLANDS. ML 4.1 (THE).
	06	19	28	58.9*	38.367	N	26.729	E	10	G		0.9	12	AEGEAN SEA. MD 3.8 (ISK).
	06	19	30	53.3*	35.029	S	70 826	W	110	G		0.3	10	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
	06	19	44	26.2%	38.266	N	27.304	E	10	G		1.1	8	TURKEY
	06	19	48	17.1?	38.27	N	27.20	E	10	G		1.0	7	TURKEY. MD 3.8 (ISK).
	06	20	05	58.8	38.030	N	27.065	E	10	G	4.5	1.3	152	TURKEY. ML 4.7 (ATH), 4.2 (THE). MD 4.4 (ISK).
	06	20	11	57.0%	44.079	N	8.138	E	10	G		0.8	6	NORTHERN ITALY. ML 1.9 (GEN).
	06	20	24	02.4	36.707	N	116.336	W	5	G		0.7	11	CALIFORNIA-NEVADA BORDER REGION. ML 2.7 (GS). Felt at Beatty and in the Lathrop Wells area, Nevada.
	06	20	31	20.7*	38.512	N	27.007	E	10	G		1.1	8	TURKEY MD 3.5 (ISK).
	06	20	33	22.8?	38.25	N	26.77	E	10	G		0.8	7	AEGEAN SEA. MD 3.4 (ISK).
	06	20	51	37.8	11.456	S	75.140	W	14	D	5.3 4.8	1.0	164	CENTRAL PERU
	06	21	04	37.2	38.527	N	27.176	E	10	G		1 3	8	TURKEY. MD 3.6 (ISK).
	06	21	07	35.1&	58.850	N	135.437	W	10	G			5	SOUTHEASTERN ALASKA. <PGC-P>. ML 3.6 (PGC).
	06	21	07	49.3%	38.200	N	26.799	E	10	G		0.8	8	AEGEAN SEA
	06	21	19	55.6	38.289	N	27.114	E	18			1.0	16	TURKEY. MD 3 6 (ISK).

	06	21 20 52.9*	5.187	S	152.516	E	56 *	4.6		1.2	25	NEW BRITAIN REGION, P.N.G.
	06	21 24 34.9%	38.148	N	27.047	E	10 G			0.9	11	TURKEY. MD 3.7 (ISK).
	06	21 45 24.8?	38.44	N	26.88	E	10 G			0.7	5	AEGEAN SEA. MD 3.3 (ISK).
	06	21 51 24.0%	38.464	N	27.185	E	10 G			0.5	8	TURKEY. MD 3.3 (ISK).
	06	22 03 44.4	38.147	N	27.036	E	9			1.0	27	TURKEY ML 3.6 (ATH). MD 3.8 (ISK).
	06	22 20 27.5?	19.70	N	76.30	W	33 N	3.7		0.2	6	CUBA REGION. MD 4.0 (HOJ).
	06	22 31 14.4?	38.58	N	27.69	E	10 G			0.6	5	TURKEY. MD 3.2 (ISK).
	06	22 36 16.7*	30.248	S	71.998	W	122 ?			0.9	18	NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN).
	06	22 42 27.8?	38.36	N	27.12	E	10 G			0.8	5	TURKEY. MD 2.5 (ISK).
	06	22 58 01.8*	5.252	S	152.565	E	33 N	4.4	3.6	1.4	9	NEW BRITAIN REGION, P.N.G.
	06	22 59 25.8?	38.28	N	27.15	E	10 G			1.5	8	TURKEY. MD 3.1 (ISK).
	06	23 06 37.5*	1 328	N	129.313	E	33 N	4.1		0.4	5	HALMAHERA, INDONESIA
	06	23 18 31.5?	31.08	S	68.84	W	130 ?			1.0	6	SAN JUAN PROVINCE, ARGENTINA
	06	23 22 01.9?	38.18	N	27.02	E	10 G			1.3	5	TURKEY. MD 3.3 (ISK).
	06	23 49 59.7?	38.30	N	27.12	E	10 G			1.4	7	TURKEY. MD 3.1 (ISK).
	07	00 06 17.2*	5.546	S	152.637	E	41 *	4.5	3.9	0.6	11	NEW BRITAIN REGION, P.N.G.
	07	00 55 44.1?	38.30	N	27.12	E	10 G			0.9	7	TURKEY. MD 3.2 (ISK).
	07	01 14 20.3&	37.153	N	122.135	W	6				9	CENTRAL CALIFORNIA. <BRK>. ML 2.7 (BRK). Felt at Boulder Creek ond in the Sonta Cruz area.
	07	01 14 22.7%	38.184	N	27.053	E	10 G			0.8	6	TURKEY. MD 2.9 (ISK).
	07	01 32 25.7?	38.33	N	27.38	E	10 G			0.9	7	TURKEY. MD 3.3 (ISK).
	07	01 35 03.6*	29.732	N	31.261	E	33 N	3.5		0.7	11	EGYPT. ML 4.0 (CSS). MD 3.6 (HLW).
	07	01 35 38.1*	38.375	N	26.918	E	5 G			0.5	6	AEGEAN SEA. MD 3.2 (ISK).
	07	02 11 15.0*	23.174	S	66.984	W	245 ?			1.7	6	JUJUY PROVINCE, ARGENTINA
	07	02 15 48.7?	38.44	N	27.00	E	10 G			1.2	6	AEGEAN SEA. MD 3.3 (ISK).
	07	02 39 41.7*	27.693	N	130.384	E	35 *	4.3		1.1	27	RYUKYU ISLANDS
	07	02 49 48.0&	60.082	N	147.150	W	0				59	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
	07	02 56 36.9*	7.572	N	126.964	E	10 G	4.6		0.8	6	MINDANAO, PHILIPPINE ISLANDS
	07	03 17 44.7	19.708	N	76.204	W	17	4.7		1.0	63	CUBA REGION. MD 4.5 (HOJ).
	07	03 25 45.4	38.171	N	26.992	E	56 *	4.2		0.9	31	AEGEAN SEA. MD 4.2 (ATH), 3.9 (ISK).
	07	03 27 09.3*	33.720	S	66.758	W	33 N			1.3	7	SAN LUIS PROVINCE, ARGENTINA
	07	03 31 34.6?	38.28	N	27.04	E	10 G			0.8	5	TURKEY. MD 3.2 (ISK).
	07	04 09 30.5?	38.39	N	26.82	E	10 G			1.0	6	AEGEAN SEA. MD 3.3 (ISK).
	07	04 15 14.6%	38.178	N	27.040	E	10 G			0.2	5	TURKEY. MD 3.1 (ISK).
	07	04 36 35.2	38.111	N	27.003	E	10 G	4.4		1.0	24	TURKEY. ML 3.8 (ATH). MD 3.7 (ISK).
	07	04 41 04.7	38.199	N	26.996	E	23			0.9	15	AEGEAN SEA. MD 3.7 (ISK).
	07	04 44 11.9%	44.544	N	7.161	E	10 G			0.1	8	NORTHERN ITALY. ML 2.1 (GEN).
	07	05 00 26.2%	38.476	N	27.022	E	10 G			0.8	6	TURKEY. MD 3.3 (ISK).
	07	05 49 07.9?	38.17	N	26.99	E	10 G			1.2	4	AEGEAN SEA. MD 3.0 (ISK).
	07	06 09 48.2	42.743	N	12.731	E	10 G			1.5	23	CENTRAL ITALY. ML 3.4 (LJU).
	07	06 16 58.7%	38.454	N	27.164	E	10 G			1.1	5	TURKEY. MD 3.0 (ISK).
	07	07 47 55.6&	60.774	N	151.522	W	70				84	KENAI PENINSULA, ALASKA. <AEIC>.
	07	08 58 33.8	39.848	S	176.877	E	44 *	3.8		1.2	33	NORTH ISLAND, NEW ZEALAND
	07	09 14 29.2?	44.69	N	148.93	E	33 N	3.8		1.4	6	KURIL ISLANDS
	07	09 25 38.1	5.114	S	152.372	E	56 *	4.1		1.0	11	NEW BRITAIN REGION, P.N.G.
	07	09 30 20.4	38.146	N	26.982	E	10			1.0	19	AEGEAN SEA. MD 3.7 (ISK), 3.7 (ATH).
	07	09 45 34.1?	32.35	S	70.09	W	120 G			0.6	9	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	07	09 50 56.7*	38 060	N	26.816	E	10 G			1.0	8	AEGEAN SEA. MD 3.2 (ISK).
	07	10 26 30.7	13.993	N	93.009	W	36 *	4.6		1.1	77	OFF COAST OF CHIAPAS, MEXICO
	07	10 32 53.8?	40.73	N	14.81	E	10 G			0.9	5	SOUTHERN ITALY
	07	10 47 04.2*	38.080	N	27.215	E	5 G			0.7	7	TURKEY. MD 3.0 (ISK).
	07	11 03 06.5?	32.33	S	70.71	W	90 G			0.3	9	CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
	07	11 17 43.8*	38.004	N	26.663	E	10 G			1.4	8	AEGEAN SEA. MD 3.1 (ISK).
	07	11 18 50.6%	42.909	N	12.871	E	10 G			1.1	5	CENTRAL ITALY
	07	11 57 44.9?	9.67	S	124.68	E	79 ?	4.2		0.6	8	TIMOR REGION, INDONESIA
	07	12 07 23.2*	45.131	N	3.213	E	10 G			1.1	14	FRANCE. ML 2.2 (LDG).
	07	12 40 00.9?	37.97	N	26.99	E	10 G			1.1	5	DODECANESE ISLANDS
	07	12 41 13.0	40.447	N	20.101	E	10 G			0.9	8	GREECE-ALBANIA BORDER REGION. ML 2.7 (TIR).
	07	13 46 16.4?	34.44	S	71.63	W	10 G			0.3	7	NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	07	13 52 03.8	38 008	N	26.989	E	10 G			1.1	13	AEGEAN SEA. MD 3.7 (ATH), 3.6 (ISK).
	07	14 14 33.0?	31.08	S	68.80	W	112 ?			0.5	6	SAN JUAN PROVINCE, ARGENTINA
	07	14 36 58.1*	42.855	N	85.082	E	10 G	4.4		1.4	18	NORTHERN XINJIANG, CHINA
	07	14 37 18.8	1.725	N	127.494	E	128 *	5.3		0.7	21	HALMAHERA, INDONESIA
	07	14 52 03.3	57 261	N	143.230	W	10 G			0.6	57	GULF OF ALASKA. ML 3.9 (AEIC), 3.9 (PMR), 4.2 (PGC).
	07	15 23 31.8?	44.45	N	148.80	E	33 N	4.0		1.3	15	KURIL ISLANDS
	07	15 29 59.5?	31.81	N	138.06	E	415 ?	4.2		1.0	15	SOUTH OF HONSHU, JAPAN
	07	16 33 16.6	38.128	N	26.818	E	10 G	3.5		1.1	17	AEGEAN SEA. ML 3.7 (ATH). MD 3.6 (ISK).
	07	16 46 26.3*	38.084	N	26.845	E	10 G			1.0	8	AEGEAN SEA. MD 3.3 (ISK).
	07	17 37 56.2*	9 095	N	126.871	E	45 *	4.4		1.2	20	MINDANAO, PHILIPPINE ISLANDS
	07	17 41 45.0?	34.05	S	70.02	W	10 G			0.2	8	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	07	18 04 29.8&	35.784	N	119.929	W	14				17	CENTRAL CALIFORNIA. <GM-P>. MD 2.8 (GM). ML 3.0 (BRK), 2.6 (GS), 2.6 (PAS).
	07	20 39 59.9*	38 049	N	27.022	E	10 G			1.1	7	TURKEY. MD 3.0 (ISK).
	07	20 53 01.4	38.164	N	26.868	E	8		3.5	0.8	24	AEGEAN SEA. ML 3.6 (ATH), 3.6 (THE). MD 3.7 (ISK).
	07	21 32 57.1*	31.519	S	72.214	W	10 G			1.3	21	OFF COAST OF CENTRAL CHILE. MD 4.4 (SAN).
	07	21 40 33.7*	32.022	S	71.454	W	10 G			1.1	15	NEAR COAST OF CENTRAL CHILE. MD 4.1 (SAN).
	07	22 03 22.0*	7 568	S	127.843	E	163 ?			1.4	12	BANDA SEA
	07	22 04 14.9?	38.03	N	27.18	E	10 G			1.0	5	TURKEY
	07	22 09 55.2*	0.431	S	91.535	W	10 G	4.7		0.6	23	GALAPAGOS ISLANDS
	07	23 07 55.0*	2.813	S	141.042	E	10 G	4.7		1.0	10	NEAR N COAST OF NEW GUINEA, PNG.
	07	23 29 44.9*	38.007	N	26.931	E	10 G			0.9	5	AEGEAN SEA. MD 3.2 (ISK).
	07	23 51 22.9%	45.335	S	167.065	E	155 *			0.4	18	SOUTH ISLAND, NEW ZEALAND
	07	23 54 19.0*	17.209	N	120.969	E	33 N			0.9	9	LUZON, PHILIPPINE ISLANDS
	07	23 55 50.9	49.151	N	6.812	E	10 G			0.9	44	GERMANY. ML 3.1 (GRF), 3.1 (STR), 3.0 (BNS).
	08	00 12 44.3?	42.96	N	8.58	W	10 G			0.3	4	SPAIN. mbLg 2.6 (MDD).
	08	00 46 09.0?	38.08	N	27.32	E	10 G			1 5	4	TURKEY. MD 2.6 (ISK).
	08	00 55 45.3%	40.756	N	27.485	E	10 G			0.9	7	TURKEY. MD 2.8 (ISK).
	08	01 40 31.5	38.178	S	143.709	E	10 G			0.3	5	NEAR S E. COAST OF AUSTRALIA. ML 3.6 (TOO), 3.4 (BFD).
	08	02 17 23.0	25.904	N	109.959	W	10 G	4.5	4.3	1.1	22	GULF OF CALIFORNIA
a	08	02 37 41.8*	55.898	S	26.604	W	33 N	5.0		1.2	15	SOUTH SANDWICH ISLANDS REGION
	08	02 48 19.0%	17.003	N	62.216	W	10 G			0.6	5	LEEWARD ISLANDS. MD 3.6 (TRN).
	08	02 51 41.4?	17.02	N	62.22	W	10 G			0.3	4	LEEWARD ISLANDS. MD 3.5 (TRN).
	08	03 01 12.3?	17.01	N	62.22	W	10 G			0.4	4	LEEWARD ISLANDS. MD 3.2 (TRN).

	08	03	18	45.4	16.999	N	62.210	W	10	G		0.5	6	LEEWARD ISLANDS. ML 3.5 (FDF). MD 3.4 (TRN).
f	08	03	43	20.4	15.727	S	179.703	W	10	5.7	6.5	1.3	340	FIJI ISLANDS REGION. Ms 6.6 (BRK). Felt in eastern Vanua Levu and on Taveuni.
	08	03	54	28.2•	38.072	N	27.050	E	10	G		1.1	5	TURKEY. MD 2.5 (ISK).
	08	05	56	21.7?	31.13	S	68.89	W	119	?		0.3	6	SAN JUAN PROVINCE, ARGENTINA
	08	05	59	37.2•	5.288	S	152.366	E	42	•	4.3	0.3	9	NEW BRITAIN REGION, P.N.G.
	08	06	30	17.1?	15.57	N	59.99	W	33	N		1.4	11	LEEWARD ISLANDS. ML 3.4 (FDF). MD 3.6 (TRN).
	08	07	29	31.3•	38.050	N	27.111	E	10	G		1.4	5	TURKEY
	08	07	45	33.7&	32.947	N	115.741	W	16				4	CALIF.–BAJA CALIF. BORDER REGION. <PAS–P>. ML 2.8 (PAS).
	08	08	05	39.5%	39.137	N	27.580	E	5	G		0.7	5	TURKEY. MD 2.9 (ISK).
	08	08	16	22.6•	38.020	N	26.898	E	10	G		1.3	5	AEGEAN SEA. MD 3.2 (ISK).
	08	08	35	34.2%	39.118	N	27.595	E	10	G		0.5	6	TURKEY. MD 2.7 (ISK).
	08	08	41	54.4?	29.78	N	69.99	E	33	N	4.5	1.4	10	PAKISTAN
	08	09	32	37.5	38 080	N	26.945	E	10	G		0.6	22	AEGEAN SEA. ML 3.6 (ATH). MD 3.7 (ISK).
a	08	10	22	52.9	23.626	S	70.380	W	33	N	5.4 5.0	1.2	205	NEAR COAST OF NORTHERN CHILE. MD 5.5 (SAN). Felt (V) at Antofagasta and Mejillanes; (III) at Taltal.
	08	10	24	18.7	6.793	N	73.034	W	154	D	4.5	1.0	73	NORTHERN COLOMBIA
	08	10	41	23.3	23.590	S	70.369	W	28	D	5.2 4.6	1.1	171	NEAR COAST OF NORTHERN CHILE. MD 5.3 (SAN). Felt (V) at Antofagasta and (IV) at Mejillanes.
	08	11	06	26.8?	40.92	N	22.80	E	10	G		0.0	4	GREECE
	08	11	12	37.4	23.675	S	70.283	W	29	D	4.8	1.3	36	NEAR COAST OF NORTHERN CHILE. MD 5.0 (SAN). Felt (IV) at Antofagasta.
	08	11	30	51.8•	38.509	N	27.088	E	10	G		1.1	9	TURKEY. MD 3.4 (ISK).
	08	12	44	17.1•	37.989	N	27.029	E	10	G		1.3	5	TURKEY. MD 2.5 (ISK).
	08	13	15	40.1•	6.892	N	123.933	E	33	N	4.7	1.3	11	MINDANAO, PHILIPPINE ISLANDS
	08	13	39	06.2?	5.45	S	152.49	E	33	N	4.2	0.9	6	NEW BRITAIN REGION, P.N.G.
	08	14	26	32.1	38.141	N	27.029	E	14			1.0	24	TURKEY. ML 3.8 (ATH). MD 3.6 (ISK).
	08	14	48	59.4?	20.59	S	170.77	E	33	N	4.5	1.0	9	VANUATU ISLANDS
	08	15	14	18.1	34.793	N	4.305	W	33	N	3.7	1.5	39	MOROCCO. mbLg 3.8 (MDD). MD 3.7 (R8A).
	08	15	35	53.8•	38.035	N	26.895	E	10	G		1.4	8	AEGEAN SEA. MD 3.3 (ISK).
	08	15	40	12.3•	37.314	N	21.554	E	10	G		1.2	9	SOUTHERN GREECE. ML 3.3 (ATH), 3.3 (THE).
	08	16	16	53.8•	37.959	N	26.979	E	5	G		0.8	7	DODECANESE ISLANDS. MD 3.4 (ISK).
	08	16	37	05.0%	44.464	N	7.115	E	10	G		0.5	6	NORTHERN ITALY. ML 1.7 (GEN).
	08	16	39	02.5•	6.138	S	154.450	E	71	•	4.2	1.1	15	SOLOMON ISLANDS
	08	16	46	02.7•	17.534	N	97.288	W	33	N	4.1	0.8	7	OAXACA, MEXICO
	08	17	35	36.9	5.341	S	152.452	E	49	•	4.6	1.0	34	NEW BRITAIN REGION, P.N.G.
	08	17	43	49.7	6.003	S	145.953	E	15		3.6	0.9	10	NEW GUINEA, PAPUA NEW GUINEA
	08	17	52	46.9	14.248	N	92.987	W	45	•	4.8 4.3	1.1	117	NEAR COAST OF CHIAPAS, MEXICO
	08	18	02	29.2•	32.020	S	178.181	W	10	G	4.9	1.3	9	SOUTH OF KERMADEC ISLANDS
o	08	18	18	58.9	33 559	N	141.926	E	48	D	5.5 5.0	1.0	272	OFF EAST COAST OF HONSHU, JAPAN
	08	18	21	20.3	38.190	N	26.933	E	13		3.9	0.9	42	AEGEAN SEA. ML 4.1 (ATH), 3.8 (THE). MD 3.9 (ISK).
	08	18	22	52.7	23.431	S	68.049	W	103		4.9	0.9	40	NORTHERN CHILE
	08	19	12	28.8	62.131	N	2.613	E	33	N	4.6	1.0	33	NORWEGIAN SEA. ML 4.7 (BGS). Felt (II) in More og Romsdahl County, Norway.
	08	19	28	12.0	38.149	N	26.914	E	11		3.6	0.9	37	AEGEAN SEA. ML 4.0 (ATH), 3.9 (THE). MD 4.0 (ISK).
a	08	19	28	50.0	8.861	S	119.282	E	115		5.4	1.1	142	FLORES REGION, INDONESIA
	08	19	49	46.1?	38.56	N	14.54	E	5	G		0.8	5	SICILY
	08	20	17	55.0	58.096	N	142.704	W	10	G		0.6	23	GULF OF ALASKA. ML 2.5 (AEIC).
	08	20	41	15.8?	37.49	N	14.77	W	10	G		0.5	20	NORTH ATLANTIC OCEAN. mbLg 3.3 (MDD).
	08	20	50	13.0	38.778	N	69.864	E	64	D	5.3	1.0	154	TAJIKISTAN
	08	20	56	58.5	46.679	N	1.864	E	18			0.8	17	FRANCE. ML 2.8 (LDG).
	08	21	11	01.7•	38.011	N	27.058	E	10	G		0.7	5	TURKEY. MD 3.2 (ISK).
	08	21	51	31.7	30.459	N	129.242	E	272	•	4.2	0.9	45	KYUSHU, JAPAN
	08	22	36	51.4•	37.979	N	27 010	E	10	G		0.8	5	TURKEY. MD 3.1 (ISK).
	08	22	40	13.6	47.844	N	16.239	E	13			1.4	24	AUSTRIA. ML 3.4 (GRF). Felt (IV) at Wiener Neustadt.
	08	22	41	56.0	47.857	N	16.379	E	13			0.4	8	AUSTRIA. MG 2.8 (VIE). Felt (IV) at Wiener Neustadt.
	08	22	50	21.4•	31 609	S	72.069	W	100	?		1.2	17	OFF COAST OF CENTRAL CHILE. MD 4.1 (SAN).
	08	23	27	25.1•	29.927	N	67 617	E	33	N	4.2	1.5	14	PAKISTAN
	08	23	46	25.6•	37.947	N	26.989	E	10	G		1.2	7	DODECANESE ISLANDS. MD 3.3 (ISK).
	09	00	46	55.8•	37.988	N	26.854	E	5	G		1.1	9	DODECANESE ISLANDS. MD 3.3 (ISK).
	09	00	51	31.0	28 536	S	71 225	W	135	?		0.9	19	NEAR COAST OF CENTRAL CHILE. MD 4.5 (SAN).
	09	01	09	29.8?	38 30	N	26.96	E	10	G		0.9	7	AEGEAN SEA. MD 3.2 (ISK).
a	09	01	27	13.8	21.051	S	174.140	W	33	N	5.1 4.8	1.2	59	TONGA ISLANDS
	09	02	02	27.8	7.362	N	76 496	W	18	•	4.4	1.3	24	NORTHERN COLOMBIA
	09	02	08	17.7•	38 025	N	27.057	E	10	G		1.4	6	TURKEY. MD 3.1 (ISK).
	09	02	22	53.1	39.527	N	26.980	E	10	G		0.8	7	TURKEY. MD 3.1 (ISK).
	09	02	28	04.7	39.544	N	27.012	E	10	G		0.8	7	TURKEY. MD 3.2 (ISK).
	09	03	37	06.5•	76.551	N	3.905	E	10	G	4.6	0.8	15	GREENLAND SEA
	09	04	22	44.3?	14.11	N	93.37	W	33	N	4.3	1.1	5	NEAR COAST OF CHIAPAS, MEXICO
	09	04	38	48.1&	61.600	N	146.460	W	35				64	SOUTHERN ALASKA. <AEIC>. ML 3.9 (AEIC), 3.6 (PMR).
	09	05	15	01.9?	37 88	N	26.70	E	10	G		1.0	5	DODECANESE ISLANDS. MD 3.2 (ISK).
	09	05	36	17.9?	18.37	S	119.24	E	33	N	4.0	1.4	7	NORTHWEST OF AUSTRALIA
	09	05	54	25.0%	39.271	S	174.618	E	20	G		0.9	27	NORTH ISLAND, NEW ZEALAND. ML 3.8 (WEL).
	09	06	11	10.7&	34.156	N	116.423	W	9				7	SOUTHERN CALIFORNIA. <PAS–P>. ML 2.8 (PAS), 2.7 (GS). Felt.
	09	06	19	30.4?	28.31	S	70.92	W	33	N		1.5	6	CENTRAL CHILE
	09	06	28	41.1&	40.417	N	124.610	W	16				7	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.0 (BRK).
	09	07	53	47.7	40.627	N	23.018	E	10	G		0.5	9	GREECE. ML 2.0 (SKO), 1.9 (THE).
	09	08	04	29.8%	40.074	N	24.472	E	5	G		0.4	7	AEGEAN SEA
	09	08	22	25.0&	34 010	N	116.319	W	5				7	SOUTHERN CALIFORNIA. <PAS–P>. ML 2.8 (PAS).
	09	08	31	18.3•	31.913	S	71.370	W	116	?		0.9	17	NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN).
	09	08	39	29.4	32.128	N	131.712	E	52	•	3.9	0.4	14	KYUSHU, JAPAN
	09	09	45	58.3?	15.87	N	59.87	W	33	N		0.4	6	LEEWARD ISLANDS. ML 3.6 (FDF). MD 3.6 (TRN).
	09	10	18	01.1•	39.129	N	27.577	E	10	G		0.7	6	TURKEY. MD 2.8 (ISK).
	09	10	39	36.1•	14.799	N	92.805	W	65		4.6	0.9	16	NEAR COAST OF CHIAPAS, MEXICO
	09	10	45	22.5•	14.329	N	93.165	W	49	•	4.7	1.5	11	NEAR COAST OF CHIAPAS, MEXICO
a	09	11	51	59.6	2 388	S	141.351	E	31	D	4.9 4.5	1.2	54	NEAR N COAST OF NEW GUINEA, PNG.
	09	12	47	09 8&	60.166	N	150.404	W	35				62	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.7 (AEIC).
	09	13	11	38.4	44 326	N	7.342	E	19			0.5	24	NORTHERN ITALY. ML 2.9 (LDG), 2.5 (GEN).
	09	14	15	27.4&	34.148	N	116.420	W	1				8	SOUTHERN CALIFORNIA. <PAS–P>. ML 3.0 (PAS). Felt.
	09	14	59	09.7?	4.24	S	154.40	E	211	?	4.9	1 2	15	SOLOMON ISLANDS
	09	15	17	38.1•	17.795	N	60.760	W	33	N	4 5	0 6	10	LEEWARD ISLANDS. ML 4.2 (FDF). MD 4.0 (TRN).

	09	16	33	11.7%	44.326	N	8.298	E	10	G			0.3	7	NORTHERN ITALY. ML 1.8 (GEN).
	09	17	28	08.6%	36.880	N	4.187	W	77	•			0.4	17	STRAIT OF GIBRALTAR
	09	17	52	29.3•	60.428	N	4.645	E	10	G			1.3	7	SOUTHERN NORWAY ML 2.7 (NAO). MD 2.5 (BER). Felt (IV) on Sotra.
	09	18	11	41.9•	6.468	N	72.415	W	33	N			1.2	5	NORTHERN COLOMBIA
	09	18	45	59.7?	32.66	S	70.21	W	110	G			0.3	9	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	09	18	47	16.0?	17.77	N	60.90	W	33	N			1.3	10	LEEWARD ISLANDS. ML 4.0 (FDF). MD 3.5 (TRN).
	09	18	51	35.0?	17.58	N	61.01	W	33	N			0.7	8	LEEWARD ISLANDS. ML 3.4 (FDF). MD 3.1 (TRN).
	09	18	54	13.2?	31.49	S	179.03	W	450	?	3.0		1.1	22	KERMADEC ISLANDS REGION
	09	18	55	18.5&	34.218	N	116.446	W	3					13	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 2.9 (GS). Felt (III) at Yucca Valley. Also felt at Joshua Tree.
	09	20	14	40.3?	15.70	N	62.89	W	33	N			0.9	6	LEEWARD ISLANDS. ML 3.5 (FDF).
	09	20	48	28.1•	16.247	S	178.257	E	33	N	4.0		1.0	12	FIJI ISLANDS. ML 4.5 (SVA).
	09	20	58	05.6•	32.216	S	71.779	W	33	N			0.4	10	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	09	21	34	54.0•	3.651	N	126.588	E	71	•	4.6		0.9	7	TALAUD ISLANDS, INDONESIA
	09	21	50	40.0•	5.803	N	127.508	E	65	•	4.4		0.8	10	PHILIPPINE ISLANDS REGION
	09	21	58	05.2	39.931	N	24.017	E	10	G			0.9	10	AEGEAN SEA. ML 2.5 (THE).
	09	23	28	29.4%	40.807	N	22.866	E	10	G			0.1	5	GREECE
	09	23	58	07.4?	34.26	S	70.28	W	120	G			0.4	9	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
	10	00	36	25.0%	32.964	S	70.894	W	70	G			0.3	8	CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).
	10	00	36	44.6?	5.12	S	150.42	E	153	•	4.6		1.4	9	NEW BRITAIN REGION, P.N.G.
	10	00	53	09.9•	16.879	N	99.959	W	30		4.1		1.5	28	NEAR COAST OF GUERRERO, MEXICO
	10	01	17	17.2	45.636	N	26.465	E	152		4.4		1.1	97	ROMANIA
	10	02	13	24.8	16.936	N	99.931	W	31		4.6	4.2	1.2	60	NEAR COAST OF GUERRERO, MEXICO
	10	02	24	47.5&	33.283	N	116.271	W	1					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.2 (GS). Felt.
	10	02	30	38.9•	37.227	N	27.783	E	43	•	3.9	3.4	1.0	23	TURKEY. MD 4.0 (ATH), 3.9 (ISK).
	10	02	32	41.0•	17.015	N	100.009	W	10	G			1.0	6	GUERRERO, MEXICO
	10	03	07	40.9&	58.567	N	152.179	W	15					32	KODIAK ISLAND REGION. <AEIC>. ML 2.9 (AEIC).
	10	03	09	20.9?	16.93	N	100.04	W	26	•			1.4	6	NEAR COAST OF GUERRERO, MEXICO
	10	03	13	06.9•	17.011	N	99.875	W	10	G			1.0	8	GUERRERO, MEXICO
	10	03	27	05.4	41.768	N	19.541	E	10	G			0.9	11	ALBANIA. ML 2.7 (TIR), 2.3 (TTG).
	10	04	06	57.2•	3.504	N	126.560	E	73	?	4.8		0.7	12	TALAUD ISLANDS, INDONESIA
	10	05	04	14.8•	5.028	S	144.829	E	146	?	4.2		1.5	8	NEW GUINEA, PAPUA NEW GUINEA
	10	05	28	44.8•	11.229	N	62.066	W	33	N			0.7	6	WINDWARD ISLANDS. MD 3 2 (TRN).
	10	06	50	13.2%	38.842	S	175.251	E	203	•			0.5	36	NORTH ISLAND, NEW ZEALAND
	10	07	05	30.4&	34.149	N	116.417	W	1					8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.6 (GS).
	10	07	06	29.6	11.014	N	62.090	W	112	?			0.6	12	WINDWARD ISLANDS. MD 3.6 (TRN).
	10	07	06	53.9?	43.06	N	20.40	E	10	G			0.8	8	NORTHWESTERN BALKAN REGION ML 2.1 (TTG).
a	10	08	13	32.6	55.866	S	26.979	W	33	N	5.4	5.1	0.9	117	SOUTH SANDWICH ISLANDS REGION
	10	09	50	34.9•	5.699	S	150.307	E	93	?	4.4		0.8	6	NEW BRITAIN REGION, P.N.G.
a	10	09	58	10.8	51.492	N	177.611	W	33	N	5.8	5.3	0.9	455	ANDREANOF ISLANDS, ALEUTIAN IS. ML 5.8 (PMR). Ms 5.2 (BRK). Felt (IV) on Adak. Complex event observed on broadband displacement seismograms.
a	10	10	30	53.5	7.204	S	129.178	E	171		5.4		1.0	115	BANDA SEA
	10	10	45	16.2•	43.150	N	111.702	W	10	G			1.0	10	EASTERN IDAHO. ML 3.6 (GS).
	10	10	46	18.1	43.070	N	111.368	W	10	G	4.2	4.0	0.9	22	EASTERN IDAHO. ML 4.8 (BUT). Felt (V) at Wayan; (IV) at Georgetown; (III) at Bancroft and Montpelier. Also felt at Idaho Falls and Pocatello. Felt (V) at Alpine and Grover, Wyoming; (IV) at Afton, Bedford, Etna, Freedom, Smoot and Thayne, Wyoming.
	10	10	54	50.8	43.090	N	111.419	W	10	G	4.4	4.0	0.9	82	EASTERN IDAHO. ML 4.7 (GS), 4.9 (BUT). Felt (V) at Wayan; (IV) at Bancraft, Georgetown, Montpelier and Paris. Also felt at Idaho Falls and Pocatella. Felt (V) at Graver; (IV) at Alpine, Freedam and Thayne; (III) at Afton, Bedford, Etna and Fairview, Wyoming.
	10	11	17	17.8	29.685	N	31.060	E	30		4.4		0.7	33	EGYPT. MD 4.2 (HLW).
	10	11	22	06.9&	35.030	N	116.968	W	4					7	CENTRAL CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.5 (GS).
	10	11	41	29.7?	31.78	S	71.64	W	10	G			1.0	10	NEAR COAST OF CENTRAL CHILE
	10	11	54	27.7	31.220	N	36 150	E	10	G			1.1	11	DEAD SEA REGION. MD 2.7 (RYD).
	10	12	48	42.9&	61.824	N	149 585	W	7					32	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	10	13	35	00.6?	15.71	S	173.45	W	108	?	4.5		1.3	8	TONGA ISLANDS
	10	13	37	55.3•	30.735	S	72 455	W	10	G			0.6	11	OFF COAST OF CENTRAL CHILE
	10	13	50	20.3%	41.389	N	24.314	E	10	G			0.7	5	GREECE-BULGARIA BORDER REGION
	10	14	44	14.3?	51.19	N	19.98	E	10	G			0.8	6	POLAND. ML 3.1 (WAR).
	10	14	44	28.2?	34.69	S	70.98	W	100	G			0.2	10	CHILE-ARGENTINA BORDER REGION. MD 3.8 (SAN).
	10	14	46	21.8•	39.262	N	26.433	E	10	G			1.3	5	TURKEY. MD 2.7 (ISK).
	10	15	16	54.7	16.641	N	60.783	W	33	N	4.7		1.0	52	LEEWARD ISLANDS MD 4.6 (TRN). Felt (IV) on Guadeloupe and (II) on Martinique. Also felt on Marie Galante.
	10	15	25	04.0&	60.459	N	144.822	W	20					30	SOUTHERN ALASKA <AEIC>. ML 3.1 (AEIC).
	10	15	46	06.8•	38.006	N	27.023	E	10	G			0.8	8	TURKEY. MD 3.3 (ISK).
	10	15	46	50.9	31.784	S	70.182	W	117		4.2		1.0	34	CHILE-ARGENTINA BORDER REGION. MD 4.7 (SAN).
	10	15	52	15.0	38.024	N	26.949	E	10	G			1.2	24	AEGEAN SEA. ML 3.9 (THE), 3.5 (ATH). MD 3.7 (ISK).
	10	16	04	44.7•	31.663	S	71.799	W	20	G			1.0	12	NEAR COAST OF CENTRAL CHILE. MD 4.1 (SAN).
	10	17	35	59.8•	32.727	S	71.619	W	50	G			0.5	13	NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN).
	10	17	39	43.5	40.514	N	27.096	E	8				0.7	33	TURKEY. ML 3.8 (THE) MD 3.6 (ISK).
	10	18	26	27.6	31.452	S	69.268	W	136	•			0.8	18	SAN JUAN PROVINCE, ARGENTINA. MD 4.0 (SAN).
	10	19	46	37.7&	60.153	N	152.953	W	110					95	SOUTHERN ALASKA. <AEIC>.
	10	19	50	42.7&	59.997	N	148.928	W	13					53	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.5 (AEIC).
	10	20	25	07.1?	65.99	N	6.11	E	10	G			0.6	5	NORWEGIAN SEA. MD 3.4 (BER).
	10	20	41	47.9%	16.748	N	98 522	W	33	N			1.5	5	NEAR COAST OF GUERRERO, MEXICO
o	10	21	08	56.4	53.884	N	160.688	E	54		5.6	5.3	1 0	376	NEAR EAST COAST OF KAMCHATKA. Felt (III) at Petropavlovsk-Kamchatskiy.
	10	21	18	44.5•	18.932	N	66.512	W	54	•			0.7	12	PUERTO RICO REGION
	10	21	40	25.3%	18.600	N	66 382	W	10	G			1.4	7	PUERTO RICO REGION
	10	21	45	23.1?	19.32	N	66.44	W	10	G			0.7	7	PUERTO RICO REGION
	10	21	45	54.4&	65.250	N	133.568	W	10	G				12	NORTHERN YUKON TERRITORY, CANADA. <PGC>. ML 4.1 (PGC).
	10	21	49	23.5&	63.806	N	149.097	W	110					72	CENTRAL ALASKA. <AEIC>.
	10	21	53	20.5?	7.84	N	76.83	W	33	N			1.5	8	NORTHERN COLOMBIA
	10	22	14	58.5	38.804	N	20.589	E	59		4.6		1 3	137	GREECE. MD 4.5 (TTG), 4.4 (ATH), 4.3 (HLW), 4.1 (TIR). Felt on Levkas and Kerkira. Also felt along the west coast of Greece.
	10	22	29	32.7&	60.576	N	147.431	W	18					65	SOUTHERN ALASKA. <AEIC>. ML 2.9 (AEIC), 3.0 (PMR).

a	10	22	58	54.4	23.734	N	143.183	E	20	D	5.2	4.8	1.0	145	VOLCANO ISLANDS REGION
	10	23	46	12.1%	38.039	N	26.895	E	10	G			0.6	8	AEGEAN SEA. MD 3.5 (ISK).
	10	23	50	42.4*	39.365	N	143.626	E	10	G			0.8	12	OFF EAST COAST OF HONSHU, JAPAN
a	11	00	18	49.3	2.925	S	141.560	E	34	D	5.6	5.6	1.0	249	NEAR N COAST OF NEW GUINEA, PNG.
	11	00	26	35.0*	38.077	N	26.807	E	10	G			0.9	7	AEGEAN SEA. MD 3.1 (ISK).
	11	00	31	25.9	7.325	S	156.216	E	26	D	5.3	5.5	1.2	112	SOLOMON ISLANDS
	11	00	33	47.5?	31.49	S	179.85	E	466	?	4.0		1.4	31	KERMADEC ISLANDS REGION
	11	00	59	52.5	44.502	N	7.303	E	10	G			0.8	33	NORTHERN ITALY. ML 3.1 (LDG), 2.6 (GEN).
	11	01	27	36.0	17.057	S	168.556	E	234		5.3		1.4	172	VANUATU ISLANDS
	11	01	37	40.6&	33.978	N	116.310	W	0					7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS). Felt.
	11	02	19	09.7*	26.593	S	27.997	E	5	G			1.8	6	REPUBLIC OF SOUTH AFRICA. mbLg 3.6 (BUL).
	11	02	40	02.7*	37.794	N	27.207	E	5	G			0.9	9	TURKEY. MD 3.3 (ISK).
	11	02	46	06.5	32.293	S	70.275	W	9				1.0	24	CHILE-ARGENTINA BORDER REGION. MD 4.5 (SAN).
	11	03	57	14.1?	16.89	N	99.71	W	10	G			1.7	4	NEAR COAST OF GUERRERO, MEXICO
	11	05	27	31.0*	27.638	N	92.852	E	68	*	4.5		1.5	17	EASTERN XIZANG-INDIA BORDER REG.
	11	05	36	10.3%	18.616	N	66.384	W	33	N			1.3	8	PUERTO RICO REGION
	11	05	36	51.0%	10.631	N	61.640	W	33	N			0.5	6	TRINIDAD. MD 3.6 (TRN). Felt (II) on Trinidad.
	11	05	56	58.2?	48.31	N	0.30	W	5	G			0.2	4	FRANCE. ML 2.1 (LDG).
	11	06	26	02.7*	38.044	N	26.990	E	5	G			0.6	8	AEGEAN SEA. MD 3.4 (ISK).
	11	06	31	22.5*	7.266	N	126.722	E	70	*	4.6		1.3	21	MINDANAO, PHILIPPINE ISLANDS
	11	07	07	10.7%	39.889	N	29.129	E	10	G			0.6	8	TURKEY. MD 3.0 (ISK).
	11	07	09	32.6%	39.896	N	29.101	E	10	G			0.6	6	TURKEY. MD 2.9 (ISK).
	11	07	38	01.6	39.093	N	29.734	E	10	G			1.1	13	TURKEY. MD 3.4 (ISK).
	11	07	46	02.0	41.178	N	20.353	E	10	G			1.2	6	ALBANIA. ML 2.5 (SKO).
	11	08	41	28.1&	34.038	N	116.356	W	0					10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 3.1 (GS). Felt.
	11	08	49	05.7?	40.85	N	27.62	E	5	G			1.4	5	TURKEY. MD 2.5 (ISK).
	11	10	10	45.5	42.462	N	20.998	E	10	G			0.9	40	NORTHWESTERN BALKAN REGION. ML 3.9 (SKO), 3.8 (TIR), 3.5 (TTG). MD 3.7 (ATH), 3.7 (LJU).
	11	10	25	19.1	40.481	N	29.338	E	10	G			0.7	6	TURKEY. MD 2.6 (ISK).
	11	10	43	15.8*	37.907	N	16.604	E	33	N			0.6	19	IONIAN SEA. ML 4.1 (TTG).
	11	10	44	13.7%	44.292	N	8.987	E	10	G			0.3	7	NORTHERN ITALY. ML 2.5 (LDG).
	11	10	52	02.8?	43.80	N	8.07	E	5	G			0.7	5	CORSICA. ML 2.1 (LDG).
	11	10	53	21.0	38.053	N	29.018	E	10	G			1.5	10	TURKEY. MD 3.3 (ISK).
	11	11	17	46.1?	40.81	N	22.99	E	10	G			0.5	4	GREECE
	11	12	06	58.1*	39.008	S	176.154	E	97		4.6		1.0	40	NORTH ISLAND, NEW ZEALAND
	11	12	08	06.5	43.041	N	111.486	W	5	G	4.1		0.6	19	EASTERN IDAHO. ML 3.8 (GS), 4.0 (BUT). Felt (V) at Wayan and (II) at Idaho Falls.
a	11	12	08	50.6*	29.235	S	178.435	W	271	*	4.9		1.2	61	KERMADEC ISLANDS, NEW ZEALAND
	11	13	39	07.3%	41.351	N	24.302	E	10	G			0.6	6	GREECE-BULGARIA BORDER REGION
	11	13	41	32.9&	38.808	N	122.760	W	2					18	NORTHERN CALIFORNIA. <BRK>. ML 3.2 (BRK), 2.7 (GS).
	11	13	55	26.2?	7.81	S	127.74	E	182	?	4.0		1.2	8	BANDA SEA
	11	14	06	19.4	45.659	N	26.513	E	142	D	4.4		1.1	110	ROMANIA. Felt (IV) at Chisinou, Moldova.
	11	14	39	36.0?	19.24	N	66.46	W	33	N			0.2	8	PUERTO RICO REGION
	11	14	54	38.1?	38.13	N	27.26	E	10	G			0.7	4	TURKEY. MD 3.2 (ISK).
	11	15	18	16.9?	19.07	N	66.49	W	33	N			0.6	7	PUERTO RICO REGION
	11	15	21	05.9&	63.384	N	150.981	W	16					55	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC), 3.1 (PMR).
	11	17	36	55.6	43.016	N	111.485	W	5	G	3	6	0.9	19	EASTERN IDAHO. ML 3.6 (GS), 3.8 (BUT).
	11	17	43	53.7	38 829	N	20.434	E	10	G			1.0	25	GREECE. MD 3.6 (ATH).
	11	18	00	21.6	42.995	N	111.483	W	5	G	4.2		1.1	25	EASTERN IDAHO. ML 4.0 (GS), 4.4 (BUT). Felt (V) at Wayan. Also felt at Idaho Falls. Felt (II) at Alpine and Freedom, Wyoming.
	11	18	16	06.0	42.982	N	111 525	W	5	G			1.1	14	EASTERN IDAHO. ML 2.9 (GS), 3.2 (BUT).
	11	18	22	18.2?	38.06	N	27.21	E	5	G			0.6	4	TURKEY. MD 3.1 (ISK).
	11	19	12	01.5?	20.40	S	168.84	E	33	N	4.5	4.3	1.3	28	LOYALTY ISLANDS
	11	19	25	05.9?	39.65	N	20.09	E	10	G			0.8	9	GREECE-ALBANIA BORDER REGION
	11	19	45	03.9	37.678	N	21.303	E	10	G	4.3		1.2	67	SOUTHERN GREECE. ML 4.2 (THE), 4.1 (TIR). MD 4.1 (ATH). Felt at Potroi.
	11	19	53	53.2?	31.67	S	68.24	W	28	?			0.8	5	SAN JUAN PROVINCE, ARGENTINA
	11	20	31	56.7*	6.237	S	145.687	E	80	*	4.4		1.5	14	NEW GUINEA, PAPUA NEW GUINEA
	11	20	35	40.2?	38.06	N	27.09	E	5	G			0.8	4	TURKEY. MD 3.1 (ISK).
	11	20	40	15.2*	34.404	N	14.436	E	10	G	4.2		1.5	17	CENTRAL MEDITERRANEAN SEA
	11	21	23	47.0	38.805	N	20.584	E	10	G			1.3	14	GREECE. MD 3.4 (ATH).
	11	21	25	43.9%	38.078	N	26.914	E	10	G			0.6	5	AEGEAN SEA. MD 3.0 (ISK).
a	11	21	26	14.0	51.203	N	179.238	W	33	N	5.8	5.9	1.0	549	ANDREANOF ISLANDS, ALEUTIAN IS. ML 5.9 (PMR). Ms 5.6 (BRK). Felt (IV) on Adak and Amchitka.
	11	21	47	47.5%	38.967	N	29.813	E	10	G			0.7	5	TURKEY. MD 3.1 (ISK).
	11	22	12	07.3%	36.873	N	3.999	W	74	?			0.3	7	STRAIT OF GIBRALTAR
	11	22	24	08.6%	43.090	N	0.619	W	5	G			0.1	5	PYRENEES. ML 1.0 (STR).
	11	23	02	26.8	38 926	N	125.746	E	10	G	4.3		1.0	8	NORTH KOREA. ML 4.4 (BJI).
	11	23	09	43.3*	22.725	N	94.499	E	88	*	4.4		1.4	16	MYANMAR
	11	23	15	32.2	43.024	N	111.528	W	5	G			0 9	13	EASTERN IDAHO. ML 2.8 (GS), 3.3 (BUT).
	11	23	41	11.4%	39.891	N	29.119	E	10	G			0.4	9	TURKEY. MD 3.1 (ISK).
	11	23	57	56.8?	4.48	S	134.12	E	33	N	4.0		1.3	6	IRIAN JAYA REGION, INDONESIA
	12	00	02	44.2	43 026	N	111.525	W	5	G			0.6	16	EASTERN IDAHO. ML 3.2 (GS), 3.4 (BUT).
	12	00	13	34.5*	10.597	S	116.915	E	43	*	4.6		1.4	20	SOUTH OF SUMBAWA, INDONESIA
	12	00	41	17.3*	32.858	S	71.530	W	22	*			0.8	12	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	12	00	48	28.5*	12 572	S	123.810	E	33	N			0.7	6	SOUTH OF TIMOR, INDONESIA
	12	01	05	15.2*	26.452	S	64.914	W	24	*			1.3	11	TUCUMAN PROVINCE, ARGENTINA
	12	01	16	52.2	14.329	S	167.682	E	42	*	5.2	5.0	1.1	64	VANUATU ISLANDS
	12	01	17	06.0%	38.012	N	27.046	E	5	G			0.6	8	TURKEY. MD 3.2 (ISK).
	12	01	21	59.4&	63.299	N	151.120	W	15					52	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC), 3.1 (PMR).
	12	01	40	04.0*	3.628	N	126.671	E	59	*	4.8		1.4	21	TALAUD ISLANDS, INDONESIA
	12	02	05	57.2?	39.11	N	29.83	E	10	G			0.6	4	TURKEY. MD 2.8 (ISK).
	12	02	50	17.7*	43.103	N	0.450	W	10	G			0.3	5	PYRENEES. ML 2.2 (LDG).
	12	03	06	16.5?	34.36	S	71.98	W	33	N			0.5	14	NEAR COAST OF CENTRAL CHILE. MD 4.3 (SAN).
	12	04	01	09.3?	9.28	S	117.13	E	33	N	4.5		1.7	6	SUMBAWA REGION, INDONESIA
	12	04	10	15.5%	39.104	N	21.714	E	10	G			0.5	6	GREECE
	12	04	12	50.0*	29.491	N	34.858	E	10	G			0.9	18	EGYPT. MD 4.0 (RYD).
	12	04	53	13.3*	51.233	N	179.339	W	33	N	4.4		1 2	37	ANDREANOF ISLANDS, ALEUTIAN IS.
	12	05	40	58.3?	17.60	S	167.84	E	33	N	3.3		0.2	4	VANUATU ISLANDS
	12	06	11	07.7%	41.252	N	23.473	E	10	G			1.6	5	GREECE-BULGARIA BORDER REGION
	12	06	19	50.5&	34.621	N	116.664	W	6					8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.3 (GS).

	12	06	22	56.8&	34.973	N	116.797	W	3			11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 2.8 (GS).
	12	06	24	30.5	41.903	N	26.300	E	10 G		0.9	23	GREECE-BULGARIA BORDER REGION. MD 3.5 (ISK).
	12	06	32	57.6	43.015	N	111.514	W	5 G		0.6	16	EASTERN IDAHO. ML 3.4 (GS), 3.5 (BUT).
	12	07	15	32.9	43.051	N	111.522	W	5 G		0 7	16	EASTERN IDAHO. ML 3.2 (GS), 3.4 (BUT).
	12	07	40	04.8*	14.981	N	94.656	W	33 N	4.8	1.1	19	OFF COAST OF CHIAPAS, MEXICO
	12	07	57	41.0*	51.197	N	179.362	W	33 N	4.4	0.9	22	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.5 (PMR).
	12	08	44	30.3	16.700	N	61.959	W	10 G		0.8	7	LEEWARD ISLANDS. ML 3.4 (FDF). MD 2.8 (TRN).
	12	09	27	41.9*	18.199	N	145.128	E	263 *	4.3	1.2	25	MARIANA ISLANDS
	12	09	33	12.9%	37.047	N	28.692	E	10 G		0.7	8	TURKEY. MD 3.4 (ISK).
	12	11	00	32.9%	15.866	N	93.971	W	33 N		1.2	6	NEAR COAST OF CHIAPAS, MEXICO
	12	11	08	48.0&	35.756	N	117.605	W	5			15	CENTRAL CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 2.6 (GS).
	12	11	14	09.5?	33.72	S	66.68	W	33 N		0 6	4	SAN LUIS PROVINCE, ARGENTINA
	12	11	37	57.4%	40.815	N	27.495	E	10 G		0.5	5	TURKEY. MD 2.9 (ISK).
	12	11	58	56.9*	37.516	N	26.732	E	10 G		1.2	12	DODECANESE ISLANDS. ML 3.8 (ATH). MD 3.8 (ISK).
	12	12	05	52.8	51.350	N	15.900	E	10 G		0.7	13	POLAND. ML 3.6 (GRF).
	12	12	34	02.9?	41.73	N	22.18	E	10 G		0.4	6	NORTHWESTERN BALKAN REGION. ML 2.1 (SKO).
	12	12	45	20.8	17.779	S	178.879	W	535 *	4.8	1.1	74	FIJI ISLANDS REGION
	12	13	39	45.0?	42.48	N	23.95	E	10 G		1.4	8	BULGARIA
	12	13	44	42.6	52.919	N	176.104	W	228	4.8	1.1	163	ANDREANOF ISLANDS, ALEUTIAN IS.
	12	13	56	46.5?	31.64	S	67.98	W	28 ?		0.7	5	SAN JUAN PROVINCE, ARGENTINA
	12	14	56	34.5?	40.83	N	27.70	E	10 G		0.4	4	TURKEY. MD 2.8 (ISK).
a	12	15	00	38.7	53.767	S	51.727	W	10 G	5.7 5.9	1.3	84	SOUTH ATLANTIC OCEAN
	12	15	11	09.6	38.721	N	26.515	E	10 G	4.4	1.3	112	AEGEAN SEA. MD 4.6 (ISK), 4.6 (ATH). ML 4.6 (THE). Felt on Lesvos and Khios, Greece.
	12	15	19	10.1	38.717	N	26.527	E	10 G	4.1	1.0	57	AEGEAN SEA. MD 4.4 (ATH), 4.2 (ISK). ML 4.3 (THE). Felt on Lesvos and Khios, Greece.
	12	15	25	51.8%	38.705	N	26.410	E	10 G		1.0	7	AEGEAN SEA. MD 3.3 (ISK).
	12	15	47	43.7*	38.778	N	26.842	E	10 G		1.3	7	AEGEAN SEA. MD 3.5 (ISK).
	12	15	58	22.8%	38.716	N	26.448	E	5 G		0.6	7	AEGEAN SEA. MD 3.4 (ISK).
	12	16	02	49.7*	11.812	N	125.594	E	58 *	4.4	0.7	12	SAMAR, PHILIPPINE ISLANDS
	12	16	03	26.0%	43.090	N	0.617	W	5 G		0.3	5	PYRENEES. ML 1.0 (STR).
	12	16	18	28.4%	31.360	S	68.096	W	33 N		0.6	6	SAN JUAN PROVINCE, ARGENTINA
	12	16	26	32.7&	34.160	N	116.415	W	2			7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	12	16	28	00.3%	38.689	N	26.342	E	10 G		1.0	7	AEGEAN SEA. MD 3.4 (ISK).
	12	16	50	32.7*	11.863	N	87.340	W	33 N	4.5	1.3	32	NEAR COAST OF NICARAGUA
	12	16	53	08.1	5 222	S	152.606	E	21 D	5.1 4.9	0.9	54	NEW BRITAIN REGION, P.N.G.
	12	17	48	22.0	38.723	N	26.496	E	10 G		1.0	34	AEGEAN SEA. MD 3.8 (ATH), 3.7 (ISK).
	12	18	53	56.0	42 996	N	111.562	W	5 G		0.8	16	EASTERN IDAHO. ML 3.2 (GS), 3.4 (BUT).
	12	19	28	17.1	41.732	N	19.508	E	10 G		1.0	15	ALBANIA. ML 2.8 (TIR), 2.5 (TTG).
	12	19	58	02.3	33.041	S	70.158	W	10 G		0.7	17	CHILE-ARGENTINA BORDER REGION. MD 4.1 (SAN).
	12	20	36	55.1%	42.976	N	18.738	E	10 G		0.3	5	NORTHWESTERN BALKAN REGION. ML 1.6 (TTG).
	12	20	39	47.1?	49.32	N	0.17	W	10 G		0.4	7	FRANCE. ML 2.8 (LDG).
a	12	20	41	04.6	36.446	N	70.852	E	198 D	5.7	1.0	466	HINDU KUSH REGION, AFGHANISTAN
	12	21	02	46.8*	39.683	S	174.350	E	187		0.5	38	NORTH ISLAND, NEW ZEALAND
	12	21	14	54.9%	18.523	N	66.374	W	33 N		1.4	5	PUERTO RICO REGION
	12	21	31	04.0	43.039	N	111.447	W	5 G		1.0	14	EASTERN IDAHO. ML 3.1 (GS), 3.4 (BUT).
	12	22	09	41.2?	31.28	S	68.41	W	100 G		1.0	6	SAN JUAN PROVINCE, ARGENTINA
	12	22	26	08.8?	38.41	N	21.60	E	10 G		0.2	4	GREECE. MD 3.1 (ATH).
	12	22	27	33.7*	38.346	N	21.904	E	10 G		1.7	7	GREECE. MD 3.2 (ATH).
f	12	22	28	57.5	22.401	S	178.104	W	360 G	5.9	1.1	461	SOUTH OF FIJI ISLANDS. Two events about 3 seconds apart. Depths 359.6 and 361.0 km, respectively, from broadband displacement seismograms.
	12	23	44	36.4?	38.73	N	26.37	E	10 G		0.7	6	AEGEAN SEA
	13	00	50	52.8%	44.988	N	5.107	E	10 G		0.7	11	FRANCE. ML 2.5 (LDG), 2.3 (STR).
	13	01	44	09.5?	13.61	N	93.01	W	24 D	4.4	1.3	13	OFF COAST OF CHIAPAS, MEXICO
	13	02	01	49.0	43.032	N	111.540	W	5 G		0.8	15	EASTERN IDAHO. ML 3.3 (GS), 3.6 (BUT).
	13	03	31	52.4*	38.411	N	21.877	E	5 G		1.7	6	GREECE. MD 3.3 (ATH).
	13	04	07	11.9	38 279	N	21.781	E	10 G		1.1	7	GREECE. MD 3.3 (ATH).
	13	05	01	40.4*	0.678	S	127.798	E	33 N	4.8	0.7	11	HALMAHERA, INDONESIA
	13	05	25	14.4%	33.579	S	71.616	W	27		0.7	10	NEAR COAST OF CENTRAL CHILE. MD 3.3 (SAN).
	13	06	16	34.2*	39.422	S	174.270	E	249 *		0.4	28	NORTH ISLAND, NEW ZEALAND
	13	06	25	36.0*	12.164	N	88.150	W	69 ?	4.6	1.3	42	OFF COAST OF CENTRAL AMERICA
	13	06	30	21.8*	6.853	N	76.554	W	10 G	4.4	0.9	9	NORTHERN COLOMBIA
	13	06	38	49.7*	7.085	S	147 830	E	74 *	4.5	0.9	14	EASTERN NEW GUINEA REG., P.N.G.
	13	06	41	59.6?	18.34	N	65.94	W	33 N		0.0	4	PUERTO RICO REGION
	13	07	35	08.7	45.923	N	2.937	E	10 G		0.7	16	FRANCE. ML 2.4 (LDG).
	13	09	47	00.7&	59.198	N	136.230	W	10 G			26	SOUTHEASTERN ALASKA. <PGC-P>. ML 3.7 (PGC), 3.2 (AEIC). Felt (IV) at U.S. Customs on the Haines Highway. Also felt at Pleasant Camp, British Columbia, Canada.
	13	09	55	43.1?	35.26	S	70.35	W	10 G		1.2	11	CHILE-ARGENTINA BORDER REGION. MD 3.9 (SAN).
	13	10	20	50.7?	34.19	S	179.94	W	346 *	3.9	1.1	26	SOUTH OF KERMADEC ISLANDS
	13	10	24	09.9	38 368	N	21.965	E	10 G	3.6	1.3	15	GREECE. MD 3.6 (ATH).
	13	12	11	01.1*	38.441	N	21.762	E	10 G		0.9	5	GREECE. MD 3.1 (ATH).
	13	12	33	46.2	41.224	N	22.028	E	10 G		0.8	6	NORTHWESTERN BALKAN REGION. ML 2.0 (SKO).
	13	12	49	45.1%	42.407	N	18.860	E	10 G		0.3	9	NORTHWESTERN BALKAN REGION. ML 1.6 (TTG).
	13	12	52	58.9*	34.744	S	70.701	W	100 G		0.3	11	CHILE-ARGENTINA BORDER REGION. MD 3.9 (SAN).
	13	13	58	46.4	35.047	N	33.184	E	64 *		0.9	17	CYPRUS REGION. MD 4.0 (HLW).
	13	14	00	14.8&	63.263	N	151.119	W	10			52	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC).
	13	16	01	03.8*	2.400	N	96.269	E	33 N	4.9 5.3	1.1	24	NORTHERN SUMATERA, INDONESIA
	13	17	38	28.3	38.051	N	21.385	E	10 G		1.2	14	GREECE. MD 3.5 (ATH).
	13	18	02	02.5*	5.679	S	132.838	E	33 N	4.5	1.5	14	ARU ISLANDS REGION, INDONESIA
	13	18	14	14.1?	15.36	N	60.49	W	33 N		0.9	7	LEEWARD ISLANDS. ML 2.4 (FDF).
	13	18	22	14.0?	38.29	N	27.23	E	10 G		1 3	5	TURKEY. MD 3.3 (ISK).
	13	19	39	11.6	36.472	N	7.132	W	10 G		1.4	19	STRAIT OF GIBRALTAR. mbLg 3.3 (MDD).
	13	20	34	10.7%	31.128	S	68.303	W	100 G		1 2	7	SAN JUAN PROVINCE, ARGENTINA
	13	21	04	59.5%	17.998	N	66.292	W	33 N		0.8	6	PUERTO RICO REGION
	13	21	16	26.8%	40.147	N	29.261	E	10 G		0 6	9	TURKEY. MD 3.0 (ISK).
	13	21	57	30.0*	1.655	N	127.229	E	142 ?	4 6	0.6	10	HALMAHERA, INDONESIA
	13	22	47	52.7*	31.396	S	72.012	W	33 N		1.0	14	OFF COAST OF CENTRAL CHILE. MD 4.0 (SAN).
	14	02	41	16.4*	36.948	S	176.811	E	297 *	3 6	0.7	30	OFF E. COAST OF N. ISLAND, N.Z.
	14	03	58	56.7?	38.09	N	27.25	E	10 G		1.2	6	TURKEY. MD 3.2 (ISK).
	14	04	10	23.6?	38.78	N	26.43	E	10 G		1 0	8	AEGEAN SEA. MD 3.4 (ISK).
	14	05	24	10.0?	39.26	N	21.48	E	10 G		0.9	4	GREECE

	14	05	27	55.9*	37.503	S	176.772	E	200	G		0.8	23 NORTH ISLAND, NEW ZEALAND
	14	05	38	36.7&	34 189	N	116.432	W	1				5 SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS). Felt.
a	14	05	54	48.2	22.991	S	45.847	E	23	D	5.1 4.8	0.9	65 MADAGASCAR
	14	06	40	26.9?	6.22	S	147.86	E	67	*	4.9	1.2	10 EASTERN NEW GUINEA REG., P.N.G.
	14	07	01	03.9&	34.967	N	116.939	W	5				22 SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.3 (GS). Felt.
	14	07	17	16.4&	34.973	N	116.940	W	5				23 SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.3 (GS). Felt.
	14	07	56	50.4?	15.41	N	60.38	W	84	?		0.5	16 LEEWARD ISLANDS. MD 3.6 (TRN).
	14	08	19	27.4*	26.445	S	179.290	E	545	?	4.9	1.2	64 SOUTH OF FIJI ISLANDS
	14	08	35	28.4%	39.124	N	27.572	E	10	G		1.0	5 TURKEY. MD 2.8 (ISK).
	14	09	08	26.7?	38.98	N	23.98	E	12			0.5	14 GREECE
	14	09	57	45.9&	37.367	N	121.750	W	3				34 CENTRAL CALIFORNIA. <BRK>. ML 3.4 (BRK), 3.6 (GS). Felt in the Alum Rock and San Jose areas.
	14	10	36	56.8?	37.99	N	27.13	E	5	G		1.4	6 TURKEY. MD 3.1 (ISK).
	14	10	45	11.0?	37.33	S	176.43	E	270	?		0.5	21 NORTH ISLAND, NEW ZEALAND
	14	10	58	11.3?	18.26	N	103.06	W	33	N		1.3	8 NEAR COAST OF MICHOACAN, MEXICO
	14	11	56	24.6%	17.105	N	99.933	W	33	N		1.4	7 GUERRERO, MEXICO
	14	12	03	00.4	51.465	N	176.182	W	33	N	4.8	1.3	61 ANDREANOF ISLANDS, ALEUTIAN IS. Felt (III) on Adak.
	14	12	19	40.7&	61.533	N	150.458	W	43				73 SOUTHERN ALASKA. <AEIC>. ML 3.2 (AEIC), 3.0 (PMR). Felt (II) at Palmer.
	14	12	46	35.2%	33.968	S	70.126	W	10	G		0.3	11 CHILE-ARGENTINA BORDER REGION. MD 3.8 (SAN).
	14	13	57	52.4*	38.017	N	26.908	E	10	G		1.3	5 AEGEAN SEA. MD 3.0 (ISK).
	14	14	31	16.4%	41.127	N	28.686	E	10	G		0.3	6 TURKEY. MD 2.7 (ISK).
	14	14	53	47.6*	48.369	N	154.197	E	33	N	4.6	0.8	24 KURIL ISLANDS
	14	15	02	55.1*	60.372	N	5.157	E	10	G		0.6	5 SOUTHERN NORWAY. MD 1.1 (BER). ML 1.1 (NAO).
	14	15	44	08.3	24.541	S	176.221	W	33	D	4.5	1.0	36 SOUTH OF FIJI ISLANDS
	14	16	17	12.8?	35.40	S	178.63	E	286	*	3.9	0.9	28 OFF E. COAST OF N. ISLAND, N.Z.
	14	16	36	02.4*	2.864	S	141.494	E	33	N	5.0	1.2	17 NEAR N COAST OF NEW GUINEA, PNG.
	14	17	05	46.9*	38.389	N	21.816	E	10	G		1.7	7 GREECE. MD 3.1 (ATH).
	14	17	57	16.6*	14.270	N	93.006	W	48	D	4.3	1.3	27 NEAR COAST OF CHIAPAS, MEXICO
	14	18	21	52.5&	59.760	N	152.671	W	86				52 SOUTHERN ALASKA. <AEIC>.
	14	19	35	01.4%	31.168	S	68.336	W	100	G		0.9	8 SAN JUAN PROVINCE, ARGENTINA
	14	21	13	00.0?	38.65	N	26.41	E	10	G		0.3	4 AEGEAN SEA. MD 3.2 (ISK).
	14	21	24	38.9*	38.394	N	21.849	E	10	G		1.6	8 GREECE. MD 3.1 (ATH).
	14	23	41	32.2&	60.169	N	153.375	W	146				55 SOUTHERN ALASKA. <AEIC>.
	15	00	02	19.7%	34.310	S	70.325	W	10	G		0.4	10 CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	15	00	36	25.6&	38.698	N	119.632	W	16				22 CALIFORNIA-NEVADA BORDER REGION. <BRK>. ML 3.2 (BRK), 3.1 (GS).
	15	00	37	59.3*	4.164	S	153.294	E	33	N	4.4 3.9	1.0	10 NEW IRELAND REGION, P.N.G.
	15	01	04	50.5%	38 833	N	26.670	E	10	G		0.5	6 AEGEAN SEA. MD 2.9 (ISK).
	15	01	55	55.7*	3.173	N	128 066	E	125	D	4.9	0.9	27 NORTH OF HALMAHERA, INDONESIA
	15	02	30	50.5?	38.50	N	26.20	E	10	G		0.3	4 AEGEAN SEA. MD 2.8 (ISK).
	15	02	54	24.9&	66.247	N	149.890	W	20				33 NORTHERN ALASKA. <AEIC>. ML 3.2 (AEIC), 3.6 (PMR).
	15	02	58	09.2&	66.154	N	150.059	W	20				13 NORTHERN ALASKA. <AEIC>. ML 2.6 (AEIC), 3.1 (PMR).
	15	03	41	45.4?	38.30	N	26.11	E	10	G		1.1	6 AEGEAN SEA. MD 2.9 (ISK).
	15	03	45	18.4	5.342	S	152.607	E	33	D	4.9 4.3	1.3	33 NEW BRITAIN REGION, P.N.G.
	15	04	10	26.6*	12.346	N	88.767	W	33	N	4.5	1.0	21 OFF COAST OF CENTRAL AMERICA
	15	05	01	01.1&	64 253	N	148.309	W	127				60 CENTRAL ALASKA. <AEIC>.
	15	05	12	54.4?	4.16	S	143.65	E	106	?	4.4	1.1	5 NEW GUINEA, PAPUA NEW GUINEA
	15	05	16	54.1&	61.295	N	150.698	W	61				78 SOUTHERN ALASKA. <AEIC>. ML 3.0 (AEIC).
	15	06	19	19.9	46.467	N	13.080	E	10	G		0.9	8 AUSTRIA. MD 2.7 (LJU).
	15	06	35	54.5*	7.072	S	129 897	E	149	?	4.4	1.7	15 BANDA SEA
	15	06	51	30.3	32 633	S	71.863	W	33	N		1.1	29 NEAR COAST OF CENTRAL CHILE. MD 4.7 (SAN).
	15	07	02	21.2*	26.160	S	70.889	E	10	G	4.7	1.1	11 SOUTH INDIAN OCEAN
	15	07	04	15.6?	32.42	S	72.04	W	26			0.5	13 OFF COAST OF CENTRAL CHILE. MD 4.1 (SAN).
	15	07	23	20.1*	43.612	N	147.154	E	33	N	4.6	1.3	27 KURIL ISLANDS
	15	08	30	41.9?	16.06	S	26.91	E	33	N		0.4	5 ZAMBIA. mbLg 3.3 (BUL).
	15	08	49	33.5&	60.840	N	150.577	W	44				58 KENAI PENINSULA, ALASKA. <AEIC>. ML 2.7 (AEIC).
	15	09	22	55.3*	34.847	S	178.942	E	307		4.3	1.1	57 SOUTH OF KERMADEC ISLANDS
	15	09	30	00.3*	32.574	S	71.777	W	10	G		1.6	17 NEAR COAST OF CENTRAL CHILE. MD 4.4 (SAN).
	15	09	42	06.5%	39.132	N	27.542	E	10	G		1.0	5 TURKEY. MD 2.5 (ISK).
	15	09	42	35.7	40.215	N	23.926	E	10	G		1.2	10 GREECE
	15	09	57	22.0*	4.383	S	136.423	E	102	?	4.9	0.9	13 IRIAN JAYA REGION, INDONESIA
	15	10	06	23.7%	39.146	N	27.574	E	10	G		0.6	6 TURKEY. MD 2.8 (ISK).
	15	10	55	43.9&	34.939	N	116.903	W	0				10 SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	15	11	49	35.0&	58.110	N	153.509	W	50				46 KODIAK ISLAND REGION. <AEIC>. ML 3.4 (AEIC).
	15	12	06	54.4	43.384	N	4.466	E	10	G		1.2	17 NEAR SOUTH COAST OF FRANCE. ML 3.1 (LDG), 2.4 (STR).
	15	12	15	59.4*	32.161	N	138.790	E	33	N	4.6	1.1	17 SOUTH OF HONSHU, JAPAN
	15	12	17	53.8%	46 057	N	7.607	E	10	G		0.8	5 SWITZERLAND. ML 2.1 (LDG).
	15	12	49	11.2?	17 20	N	61.74	W	33	N		0.1	5 LEEWARD ISLANDS. ML 3.3 (FDF).
	15	12	59	10.7*	12 534	N	88.654	W	29	D	4.2	1.2	23 OFF COAST OF CENTRAL AMERICA
	15	13	23	20.9*	12.577	N	88.563	W	31	D	4.6	1.2	39 OFF COAST OF CENTRAL AMERICA
	15	14	11	05.9%	42 449	N	19.136	E	10	G		0.6	9 NORTHWESTERN BALKAN REGION. ML 1.7 (TTG).
	15	14	34	37.9*	35 953	N	22.315	E	95	*	3.5	0.7	13 CENTRAL MEDITERRANEAN SEA
	15	14	55	57.1*	15.917	N	60.368	W	33	N		0.7	10 LEEWARD ISLANDS. ML 3.7 (FDF).
	15	15	55	31.2*	43.017	N	0.426	W	5	G		1.4	9 PYRENEES. ML 2.5 (LDG).
	15	15	57	07.2	11.475	S	114.962	E	33	N	5.0	1.4	24 SOUTH OF BALI, INDONESIA
	15	16	35	46.2*	1.371	N	129.337	E	25	D	4.7	0.9	22 HALMAHERA, INDONESIA
	15	16	36	47.9	47.496	N	7.112	E	5	G		0.9	19 SWITZERLAND. ML 2.8 (LDG), 2.3 (STR).
	15	17	04	13.3?	6.66	N	72.72	W	123	?		1.5	7 NORTHERN COLOMBIA
	15	17	13	24.9?	0.85	N	126.82	E	72	?	4.7	1.3	11 NORTHERN MOLUCCA SEA
	15	17	23	03.5?	15.36	N	121.57	E	33	N	4.3	1.5	4 LUZON, PHILIPPINE ISLANDS
	15	17	28	47.1?	15.24	N	120.94	E	33	N		1.4	5 LUZON, PHILIPPINE ISLANDS
	15	17	32	11.6?	32.99	S	70.35	W	100	?		0.3	10 CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
	15	18	40	35.9%	40.816	N	27.654	E	10	G		0.2	6 TURKEY. MD 2.9 (ISK).
	15	18	54	17.3&	59.937	N	152.001	W	66				45 SOUTHERN ALASKA. <AEIC>. ML 2.7 (AEIC).
	15	18	58	38.9?	67.67	N	14.87	E	10	G		0.5	4 NORTHERN NORWAY. MD 2.9 (BER).
	15	19	10	19.8?	44.40	N	149.80	E	33	N	4.3	1.6	10 KURIL ISLANDS
	15	19	17	24.4*	38.104	N	26.889	E	10	G		0.6	9 AEGEAN SEA. MD 3.3 (ISK).
	15	19	24	09.9?	34.75	N	33.36	E	33	N		0.7	4 CYPRUS REGION ML 3.4 (CSS).
	15	20	05	11.1?	43.33	N	19.98	E	10	G		0.8	9 NORTHWESTERN BALKAN REGION. ML 2.3 (TTG).
	15	21	01	15.8	41.033	N	20.045	E	10	G		1.2	16 ALBANIA. ML 2.2 (TIR), 2.2 (TTG).

	15	21 09 56.1&	63.164	N	150.006	W	101					51	CENTRAL ALASKA. <AEIC>.
	15	21 43 19.4%	15.892	N	60.379	W	33	N			0.2	9	LEEWARD ISLANDS. ML 3.6 (FDF).
	15	21 57 51.1*	15.859	N	60.457	W	52	*			0.6	13	LEEWARD ISLANDS
	15	22 12 19.8?	18.03	N	98.38	W	33	N			0.2	4	CENTRAL MEXICO
	15	22 39 38.8	40.317	N	25.923	E	10	G			1.1	12	AEGEAN SEA. MD 3.2 (ISK).
	15	22 56 53.3?	15.59	S	167.28	E	153	*	4.5		1.0	20	VANUATU ISLANDS
	15	23 35 07.8?	67.76	N	20.28	E	10	G			0.2	4	SWEDEN. MD 3.2 (BER).
	15	23 57 54.0&	56.767	N	153.202	W	48		4.2			83	KODIAK ISLAND REGION. <AEIC>. ML 4.3 (AEIC), 4.4 (PMR).
	16	00 05 12.5&	56.852	N	153.269	W	40					29	KODIAK ISLAND REGION. <AEIC>. ML 2.9 (AEIC).
	16	00 43 42.7*	32.466	N	141.569	E	44	D	3.9		0.7	10	SOUTH OF HONSHU, JAPAN
	16	01 30 17.4%	67.691	N	15.016	E	10	G			0.7	5	NORTHERN NORWAY. MD 3.1 (BER).
	16	01 32 24.1%	44.079	S	167.731	E	33	N			0.8	13	SOUTH ISLAND, NEW ZEALAND. ML 3.8 (WEL).
	16	01 51 23.4	43.019	N	111.544	W	5	G			0.7	9	EASTERN IDAHO. ML 2.8 (GS).
	16	01 51 26.2	9.814	N	126.413	E	33	D	4.8	4.2	1.3	65	MINDANAO, PHILIPPINE ISLANDS
	16	02 32 14.3	43.017	N	111.533	W	5	G			0.8	16	EASTERN IDAHO. ML 3.4 (GS), 3.3 (BUT). Felt (V) at Wayan, Idaho and (III) at Alpine, Wyoming.
	16	02 50 54.9?	14.00	N	144.50	E	119	*	4.4		0.5	10	MARIANA ISLANDS
	16	03 01 47.4*	51.480	N	7.105	E	10	G			0.6	6	GERMANY
	16	03 15 55.7%	46.463	N	2.608	E	10	G			0.4	9	FRANCE. ML 1.6 (LDG).
	16	03 41 48.8?	8.70	S	124.24	E	173	?			0.5	7	TIMOR REGION, INDONESIA
	16	04 24 34.9%	32.658	S	71.481	W	33	N			0.8	13	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	16	04 38 00.7?	32.47	S	71.67	W	33	N			0.6	11	NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).
	16	04 47 38.0	43.032	N	111.564	W	10	G			0.5	9	EASTERN IDAHO. ML 2.8 (GS).
	16	04 52 47.6*	45.306	N	151.060	E	33	N	4.2		1.3	14	KURIL ISLANDS
	16	05 02 26.7%	17.176	N	100.225	W	33	N			0.8	8	GUERRERO, MEXICO
	16	07 32 45.3%	38.571	N	28.000	E	10	G			0.4	7	TURKEY. MD 2.9 (ISK).
	16	07 44 38.5&	37.315	N	121.712	W	5					25	CENTRAL CALIFORNIA. <BRK>. ML 3.1 (BRK), 2.6 (GS).
	16	07 54 26.4?	27.68	N	142.54	E	33	N	4.7		0.4	11	BONIN ISLANDS REGION
	16	08 20 01.5?	39.12	N	27.56	E	10	G			0.2	4	TURKEY. MD 2.7 (ISK).
	16	08 42 32.5?	30.76	N	140.18	E	102	?	4.4		1.5	7	SOUTH OF HONSHU, JAPAN
	16	10 24 57.6?	4.97	S	152.29	E	116	?	4.2		0.1	5	NEW BRITAIN REGION, P.N.G.
	16	10 37 43.7*	4.184	S	142.497	E	33	N	4.7		1.0	27	NEW GUINEA, PAPUA NEW GUINEA
	16	10 57 15.5?	39.09	N	27.60	E	10	G			0.6	4	TURKEY. MD 2.8 (ISK).
	16	11 20 50.8%	37.896	N	29.203	E	10	G			1.1	6	TURKEY. MD 3.1 (ISK).
	16	11 23 00.9?	38.99	N	27.23	E	10	G			0.8	4	TURKEY. MD 2.5 (ISK).
	16	11 31 49.9	41.267	N	29.961	E	10	G			0.8	17	TURKEY. MD 3.6 (ISK).
	16	13 12 27.6?	39.14	N	27.48	E	10	G			0.3	4	TURKEY. MD 2.7 (ISK).
	16	13 45 53.2*	20.769	S	70.628	W	68	*	4.2		1 3	9	NEAR COAST OF NORTHERN CHILE
	16	14 17 03.7?	38.97	N	27.36	E	10	G			1.7	4	TURKEY. MD 2.8 (ISK).
	16	14 43 00.9*	28.060	S	66.882	W	187	?			1.2	22	CATAMARCA PROVINCE, ARGENTINA
	16	14 57 05.4	40.247	N	25.889	E	10	G			1.4	9	AEGEAN SEA. MD 2.9 (ISK).
	16	14 58 50.4*	37.215	N	21.525	E	10	G			1.3	5	SOUTHERN GREECE. MD 3.3 (ATH).
	16	15 29 20.0%	61.255	N	6.966	E	10	G			0.4	6	SOUTHERN NORWAY. MD 2.1 (BER).
	16	15 44 28.7?	60.23	N	5.20	E	10	G			0.4	5	SOUTHERN NORWAY
	16	15 56 50.0*	31.737	S	69.757	W	133	?			0.6	15	SAN JUAN PROVINCE, ARGENTINA
	16	16 00 51.5%	33.143	S	70.258	W	10	G			0.2	10	CHILE-ARGENTINA BORDER REGION. MD 3.9 (SAN).
	16	16 24 37.1*	54.232	N	164.018	E	33	N	4.1		0.6	13	KOMANDORSKY ISLANDS REGION
	16	16 32 44.3*	7.391	N	76.301	W	33	N	4.7		1.4	15	NORTHERN COLOMBIA
	16	17 26 24.1?	35.65	N	9.92	W	10	G			0.8	11	WEST OF GIBRALTAR. MD 3.1 (RBA). mbLg 2.9 (MDD).
	16	17 32 50 2*	29.350	N	139.155	E	448	?	4.4		1.1	16	SOUTH OF HONSHU, JAPAN
	16	17 46 05.5*	7 273	N	76.488	W	33	N	4.2		1.4	13	NORTHERN COLOMBIA
	16	18 00 45.7*	0.058	S	100.150	E	33	N	4.1		1.1	10	SOUTHERN SUMATERA, INDONESIA
	16	18 11 11 6*	35.034	N	30.932	E	10	G			1.3	13	EASTERN MEDITERRANEAN SEA. ML 4.0 (CSS).
	16	18 13 35.5*	32.614	S	71.621	W	33	N			1.1	17	NEAR COAST OF CENTRAL CHILE. MD 4.1 (SAN).
	16	21 25 57 2&	59.730	N	153.315	W	114					41	SOUTHERN ALASKA. <AEIC>.
	16	21 41 37.9%	29.051	S	67.321	W	162	?			0.6	8	LA RIOJA PROVINCE, ARGENTINA
	16	21 57 49.0	49.159	N	6.880	E	10	G			0.5	15	GERMANY ML 2.5 (STR).
	16	22 02 21.0*	37.076	N	142.122	E	30		4.3		1.1	16	OFF EAST COAST OF HONSHU, JAPAN
	16	22 31 16 6%	10.372	N	69.399	W	33	N			1.5	4	VENEZUELA. Felt at Barquisimeto.
	16	22 36 33.6	31 201	S	68.726	W	107	*			0.9	21	SAN JUAN PROVINCE, ARGENTINA. MD 4 2 (SAN).
	16	22 48 41.6	54.092	N	164.100	E	27	D	4.8		1.0	46	KOMANDORSKY ISLANDS REGION
	16	23 36 02.4*	54.348	N	163.803	E	33	N	4.0		0.9	11	OFF EAST COAST OF KAMCHATKA
	17	00 06 10.0*	54 258	N	163.917	E	24	D	4.5		0.9	22	OFF EAST COAST OF KAMCHATKA
	17	00 17 16.7	33.420	S	68.492	W	10	G			0.6	19	MENDOZA PROVINCE, ARGENTINA. MD 4.0 (SAN).
	17	00 29 45.4*	5.945	S	130.059	E	81	?	5.3		1.1	13	BANDA SEA
	17	00 43 39.9?	26.38	N	140.85	E	33	N	4.5		1.2	11	BONIN ISLANDS REGION
a	17	02 38 50.1	33.782	N	67.574	E	33	D	5.2	4.5	1.4	105	AFGHANISTAN
	17	03 01 37.3*	27.145	N	127.343	E	122	*	3.9		1.1	17	RYUKYU ISLANDS
	17	03 04 36.1?	9.94	S	162.02	E	98	?	4.4		0.7	7	SOLOMON ISLANDS
	17	03 18 33.6	40.675	N	23.130	E	10	G			0.3	7	GREECE
	17	03 24 44.1?	7.55	N	127.50	E	33	N	3.8		1.5	5	PHILIPPINE ISLANDS REGION
	17	03 37 22.9	49.001	N	112.611	W	5	G			0.7	14	ALBERTA, CANADA. ML 3.3 (GS), 3.4 (PGC). Felt (III) at Santa Rita, Montana.
	17	03 58 00.9&	45.764	N	74.862	W	18	G	4.0			33	SOUTHERN ONTARIO, CANADA. <OTT>. mbLg 4.4 (OTT), 4.2 (TUL), 3.8 (GS). Felt in the Ottawa-Montreal area. Felt (IV) at Ogdensburg and Waddington, New York. Felt (III) at Fort Covington, New York. Also felt in the Plattsburgh area, New York.
a	17	04 24 16.4	30.588	S	71.172	W	54	D	5.7		1.0	268	NEAR COAST OF CENTRAL CHILE. MD 5.2 (SAN). Felt (V) at La Serena and Ovalle; (IV) at Andacollo, Combarbala, Coquimbo and Vicuna; (III) at Illapel and Salamanca.
	17	04 24 18.4&	46.760	N	121.519	W	5					43	WASHINGTON. <SEA>. MD 2.5 (SEA).
	17	04 44 34.5&	46.762	N	121.507	W	5					44	WASHINGTON. <SEA>. MD 2.6 (SEA).
a	17	06 46 39.9	5.822	S	130.616	E	33	N	5.9		1.1	277	BANDA SEA
	17	07 14 18.9	30 598	S	71.344	W	53	D	4.9		1.3	76	NEAR COAST OF CENTRAL CHILE. MD 4.8 (SAN). Felt (III) at La Serena.
	17	07 58 36.7	18.256	N	100.611	W	82		4.4		1.3	46	GUERRERO, MEXICO
	17	08 01 03.7&	59.856	N	152.499	W	90					55	SOUTHERN ALASKA. <AEIC>.
	17	08 10 00.7*	18.129	S	178.957	W	643	?	4.9		1.2	50	FIJI ISLANDS REGION
	17	08 17 57.6*	27.930	S	66.858	W	201	?			0.9	21	CATAMARCA PROVINCE, ARGENTINA
	17	09 48 27.8?	29.99	S	68.42	W	120	G			1.4	8	SAN JUAN PROVINCE, ARGENTINA
	17	10 04 16.5%	38.954	N	28.012	E	10	G			1.2	5	TURKEY MD 2.8 (ISK).
	17	10 07 30.9?	8.25	S	119.45	E	197	?	4.4		1.1	6	FLORES REGION, INDONESIA

	17	10	12	49.1?	43.26	N	5.53	E	10	G			0.5	10	NEAR SOUTH COAST OF FRANCE. ML 2.7 (STR).
	17	10	31	32.0%	37.225	S	176.475	E	282	?			0.4	19	NORTH ISLAND, NEW ZEALAND
	17	10	34	27.4•	43.852	N	148.406	E	33	N	3.6		1.2	8	EAST OF KURIL ISLANDS
	17	11	08	51.9	38.255	S	176.124	E	202	•			0.5	22	NORTH ISLAND, NEW ZEALAND
	17	11	09	27.1%	40.849	N	28.047	E	10	G			0.5	5	TURKEY. MD 2.8 (ISK).
	17	11	11	41.9?	38.75	N	22.42	E	10	G			0.2	6	GREECE
	17	12	20	19.0%	34.003	S	71.017	W	69	?			0.3	10	NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	17	12	43	35.8%	39.173	N	27.588	E	10	G			0.2	5	TURKEY. MD 3.0 (ISK).
	17	13	36	02.8	49.172	N	6.837	E	5	G			0.4	9	GERMANY. ML 2.4 (STR).
	17	14	08	42.7•	50.239	N	18.936	E	5	G			0.4	5	POLAND. ML 3.3 (WAR).
	17	14	16	55.1%	60.712	N	5.625	E	10	G			0.4	7	SOUTHERN NORWAY. MD 2.3 (BER).
	17	14	43	17.1%	39.099	N	27.628	E	10	G			1.6	5	TURKEY. MD 2.9 (ISK).
	17	17	02	41.3%	45.304	N	7.812	E	10	G			0.7	13	NORTHERN ITALY
	17	17	32	52.9&	33.219	N	116.760	W	20					6	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	17	17	40	55.0•	24.173	N	123.480	E	78	?	4.5		1.5	22	SOUTHWESTERN RYUKYU ISLANDS
	17	18	06	39.1%	38.873	N	27.595	E	10	G			0.7	7	TURKEY. MD 3.0 (ISK).
	17	18	12	07.6%	38.777	N	27.734	E	10	G			0.4	5	TURKEY. MD 2.7 (ISK).
	17	18	30	55.1•	48.066	N	148.941	E	331	•	4.1		0.9	23	NORTHWEST OF KURIL ISLANDS
	17	19	21	55.5	53.984	N	164.126	E	25	D	4.9		1.0	71	KOMANDORSKY ISLANDS REGION
	17	20	31	01.7	27.948	N	139.275	E	533	•	4.9		0.9	119	BONIN ISLANDS REGION
	17	20	37	13.8	43.962	N	128.432	W	10	G	4.8	4.5	0.9	147	OFF COAST OF OREGON
a	17	21	42	21.3	26.466	N	126.559	E	106	D	5.0		1.0	82	RYUKYU ISLANDS
	17	23	21	59.1	51.220	N	175.021	W	33	N	4.6	4.4	1.1	57	ANDREANOF ISLANDS, ALEUTIAN IS.
	18	00	29	06.5•	37.295	N	20.923	E	61	•	3.6		0.8	19	IONIAN SEA
	18	00	35	38.0•	1.561	N	117.954	E	33	N	4.8	4.9	1.3	18	BORNEO
	18	00	48	47.9	12.346	N	88.446	W	33	N	4.7	4.7	0.9	61	OFF COAST OF CENTRAL AMERICA
	18	02	06	00.2%	39.387	N	27.501	E	10	G			0.5	7	TURKEY. MD 3.0 (ISK).
	18	02	18	48.1•	21.185	S	68.066	W	147	D	4.7		1.4	20	CHILE-BOLIVIA BORDER REGION
	18	02	20	56.0	66.276	N	157.761	W	10	G			0.4	36	NORTHERN ALASKA. ML 3.5 (AEIC), 3.5 (PMR).
	18	02	22	18.0?	37.86	N	27.11	E	10	G			0.3	4	TURKEY. MD 2.9 (ISK).
	18	02	33	12.9%	44.048	N	7.548	E	5	G			0.2	5	NORTHERN ITALY. ML 2.5 (LDG).
	18	02	34	57.7%	40.127	N	29.224	E	10	G			0.2	6	TURKEY. MD 2.9 (ISK).
	18	02	42	27.3?	31.09	S	177.43	W	33	N	4.2		1.2	6	KERMADEC ISLANDS REGION
	18	03	19	26.6•	44.646	N	151.773	E	33	N	4.6		0.8	16	EAST OF KURIL ISLANDS
	18	03	20	13.9	7.359	N	73.055	W	137	D	4.5		1.3	37	NORTHERN COLOMBIA. Felt at Bucaramanga.
a	18	04	04	31.8	16.052	S	173.819	W	86	D	5.3		1.1	132	TONGA ISLANDS
	18	04	57	35.0•	38.634	S	175.553	E	202	•			0.5	34	NORTH ISLAND, NEW ZEALAND
	18	05	13	22.9•	14.856	S	166.795	E	33	N	4.8		1.2	47	VANUATU ISLANDS
	18	06	08	51.1•	44.147	N	128.250	W	10	G	4.0	3.8	0.9	22	OFF COAST OF OREGON
	18	06	13	01.5&	34.512	N	116.520	W	0					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	18	07	19	23.7?	15.82	S	173.97	W	144	•	4.2		1.3	13	TONGA ISLANDS
	18	07	39	38.0	21.852	S	68.467	W	147	•	5.1		0.7	11	CHILE-BOLIVIA BORDER REGION
	18	07	48	15.0	18.714	S	177.683	W	586		4.7		1.0	82	FIJI ISLANDS REGION
	18	08	20	08.5	40.161	N	29.275	E	10	G			0.7	12	TURKEY. MD 3.2 (ISK).
	18	09	24	47.9%	32.728	S	70.193	W	110	G			0.4	10	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	18	10	18	29.9?	60.26	N	5.21	E	10	G			0.1	4	SOUTHERN NORWAY. MD 0.7 (BER).
	18	12	01	56.0	41.930	N	21.703	E	10	G			0.6	10	NORTHWESTERN BALKAN REGION. ML 2.3 (SKO).
	18	12	48	10.4?	28.09	S	176.00	W	150	?	4.5		1.2	8	KERMADEC ISLANDS REGION
	18	13	14	53.6?	10.95	N	60.65	W	33	N			0.6	6	TRINIDAD. MD 3.4 (TRN).
	18	14	10	11.5&	34.009	N	117.106	W	13					37	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.7 (PAS), 3.6 (GS). Felt (III) at Beaumont, Calimesa, Highland, Redlands and Yucaipa. Felt in parts of Orange, San Bernardino and San Diego Counties.
	18	14	11	43.1?	58.24	N	6.47	E	10	G			0.5	7	SOUTHERN NORWAY. MD 2.8 (BER).
	18	14	22	06.9•	38.118	N	21.242	E	10	G	3.5		1.5	14	GREECE. MD 3.7 (ATH).
	18	14	43	31.4	37.624	N	20.431	E	10	G	4.0		1.3	29	IONIAN SEA. ML 3.8 (ATH), 3.6 (TIR).
	18	15	02	10.9&	59.548	N	153.418	W	116					59	SOUTHERN ALASKA. <AEIC>.
	18	15	12	25.2	38.365	N	21.801	E	10	G			1.4	16	GREECE. MD 3.5 (ATH).
a	18	16	02	08.2	6.957	S	129.958	E	123		5.1		1.0	111	BANDA SEA
a	18	16	36	45.1	16.771	S	167.103	E	22	D	5 2	5.3	1.2	128	VANUATU ISLANDS
	18	17	33	55.2•	17.818	S	177.972	W	470		4.8		1.2	33	FIJI ISLANDS REGION
	18	17	58	23.6?	50.65	S	163.30	E	33	N	3.1		0.4	11	AUCKLAND ISLANDS REGION
	18	18	15	56.3%	32.795	S	70.972	W	68	?			0.2	10	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	18	19	34	51.3•	7.438	S	128.421	E	170	•	4.5		0.9	17	BANDA SEA
	18	19	43	56.8•	54.020	N	164.230	E	25	D	4.4		0.9	31	KOMANDORSKY ISLANDS REGION
	18	19	52	13.6•	7.341	N	73.794	W	180	•			1.5	8	NORTHERN COLOMBIA
	18	20	21	45.7?	26.01	S	27.28	E	5	G			0.5	5	REPUBLIC OF SOUTH AFRICA. mbLg 3.3 (BUL).
f	18	21	10	41.4	38.307	N	22.452	E	15	G	5.9	5.7	1.4	510	GREECE. mbLg 6.1 (MDD). MD 5.5 (ATH), 5.5 (TTG). ML 5.3 (TIR). Slight damage at Galaxidhion. Felt in Akhaia, Argolis, Attiki, Evvoia, Korinthia and Larisa Provinces. Also felt at Athens. Two events about 2.4 seconds apart. Depth from broadband displacement seismograms, based on first event.
	18	21	21	20.9	58.029	N	148.659	W	10	G			0.5	58	GULF OF ALASKA. ML 2.6 (AEIC).
	18	21	26	13.0	7.268	S	106.193	E	48	D	5.3		1.2	114	JAWA, INDONESIA
	18	21	40	48.2&	35.200	N	97.550	W	5	G				7	OKLAHOMA. <TUL>. mbLg 2.0 (TUL).
	18	22	02	17.0	40.611	N	22.838	E	10	G			1.0	12	GREECE
	18	22	53	31.8%	31.875	S	68.210	W	110	G			0.2	6	SAN JUAN PROVINCE, ARGENTINA
	18	23	56	34.8?	52.08	N	176.28	E	33	N	4.1		0.3	7	RAT ISLANDS, ALEUTIAN ISLANDS
	19	00	00	28.4•	4.059	S	142.820	E	66	?	3.8		1.2	12	NEW GUINEA, PAPUA NEW GUINEA
a	19	00	49	27.0	31.146	N	131.445	E	36	D	5.0	5.3	1.2	149	KYUSHU, JAPAN
	19	00	53	10.5	31.148	N	131.423	E	34	D	5.1	5.0	1.0	128	KYUSHU, JAPAN
	19	01	08	35.7?	38.69	S	175.02	E	299	?			0 4	22	NORTH ISLAND, NEW ZEALAND
	19	02	13	18.7	23.605	S	179.916	W	549	?	5.3		1.1	51	SOUTH OF FIJI ISLANDS
	19	02	44	25.3•	35.238	N	3.660	W	10	G			1.4	9	STRAIT OF GIBRALTAR. mbLg 3.0 (MDD).
	19	02	44	57.6%	38.752	N	26.505	E	10	G			0.2	5	AEGEAN SEA. MD 3.0 (ISK).
	19	02	50	48.0?	35.43	N	3.40	W	10	G			0.5	9	STRAIT OF GIBRALTAR. MD 3.7 (RBA). mbLg 3.3 (MDD).
	19	03	01	45.9	43.892	N	128.207	W	10	G	4.2	4.2	0.8	96	OFF COAST OF OREGON
	19	03	22	39.9	23.814	S	179.067	E	575	D	5.0		1.1	99	SOUTH OF FIJI ISLANDS
	19	03	39	04.4	54.138	N	164.112	E	25	D	4.7		0 8	53	KOMANDORSKY ISLANDS REGION
	19	03	41	05.2•	38.311	N	22.762	E	10	G			1.4	5	GREECE. ML 3.0 (ATH).
	19	03	54	18.8?	33.69	S	72.61	W	10	G			1.1	20	OFF COAST OF CENTRAL CHILE. MD 4.7 (SAN).
	19	04	20	50.9•	47.306	N	148.296	E	33	N	4.5		0 5	17	NORTHWEST OF KURIL ISLANDS

	19	04	42	33.5	0.389	N	124.346	E	163	*	5.2		1.1	41	MINAHASSA PENINSULA, SULAWESI
	19	05	19	38.2&	59.249	N	152.374	W	68		4.3			88	SOUTHERN ALASKA. <AEIC>. ML 3.6 (AEIC), 3.7 (PMR).
	19	05	29	11.1	38.369	N	22.566	E	10	G			0.9	14	GREECE. MD 3.2 (ATH).
	19	06	50	51.5?	15.60	N	92.92	W	33	N	4.4		1.6	33	MEXICO-GUATEMALA BORDER REGION
	19	07	00	49.9?	30.37	S	69.86	W	130	G			0.5	7	CHILE-ARGENTINA BORDER REGION
	19	08	32	01.6*	30.432	S	23.911	E	10	G			0.5	5	REPUBLIC OF SOUTH AFRICA. mbLg 4.0 (BUL).
	19	08	47	56.6*	35.382	N	139.692	E	33	N	4.2		1.4	9	NEAR S. COAST OF HONSHU, JAPAN
	19	08	53	00.5?	14.14	N	144.98	E	111		4.4		0.7	9	MARIANA ISLANDS
	19	09	22	54.2%	33.021	S	70.087	W	10	G			0.2	10	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	19	10	07	00.1%	42.448	N	19.103	E	10	G			0.4	7	NORTHWESTERN BALKAN REGION. ML 1.3 (TTG).
	19	10	19	44.1*	50.883	N	6.259	E	10	G			0.4	8	GERMANY. MD 1.9 (UCC). ML 1.8 (BNS).
	19	10	51	25.9*	40.316	N	19.837	E	10	G			1.1	6	ALBANIA. ML 3.0 (TIR).
	19	10	59	14.4%	39.059	N	27.505	E	10	G			0.8	5	TURKEY. MD 2.6 (ISK).
a	19	12	37	49.1	13.408	S	166.723	E	24	D	5.3	4.9	1.0	48	VANUATU ISLANDS
	19	13	09	02.1*	42.136	N	73.244	E	33	N	4.5		1.3	18	KYRGYZSTAN. Felt (III) at Chatbazar and (II) at Takhas. Also felt (III) at Dzhambul, Kazakhstan.
	19	13	49	56.7?	42.58	N	23.91	E	10	G			1.4	6	BULGARIA
	19	14	29	02.4*	8.163	S	117.924	E	22	*	4.8		1.1	25	SUMBAWA REGION, INDONESIA
	19	14	46	00.0*	39.896	N	24.077	E	10	G			0.9	8	AEGEAN SEA
	19	17	16	58.5%	61.400	N	5.856	E	10	G			0.3	5	SOUTHERN NORWAY. MD 2.1 (BER).
	19	18	07	51.8	38.047	N	26.840	E	10	G			0.6	31	AEGEAN SEA. MD 4.0 (ATH), 3.8 (ISK). Felt at Izmir, Turkey.
	19	18	22	30.6&	34.808	N	97.573	W	5	G				11	OKLAHOMA. <TUL>. MD 1.8 (TUL).
	19	18	41	26.6?	6.03	S	146.71	E	33	N	4.3		0.7	9	EASTERN NEW GUINEA REG., P.N.G. ML 4.6 (PMG).
	19	18	46	36.9*	51.725	N	105.444	E	33	N	4.4		1.2	9	LAKE BAYKAL REGION, RUSSIA. Felt (IV) at Babushkin and Listvyanka; (III) at Irkutsk; (II) at Kabansk and Tyrgana.
	19	19	07	39.1*	22.102	S	70.006	W	40	D	5.0		1.2	21	NEAR COAST OF NORTHERN CHILE
	19	19	19	28.4%	39.326	N	29.045	E	5	G			0.6	8	TURKEY. MD 3.1 (ISK).
	19	19	59	44.4%	46.216	N	2.092	E	10	G			0.5	5	FRANCE. ML 1.6 (LDG).
	19	20	29	03.6&	61.130	N	151.030	W	54					54	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	19	21	05	49.0*	38.925	S	175.558	E	155	*	3.5		0.8	35	NORTH ISLAND, NEW ZEALAND
	19	22	47	06.7?	9.82	S	161.61	E	121	?	3.6		0.8	6	SOLOMON ISLANDS
	19	23	52	30.7&	63.921	N	148.959	W	0	G				63	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC), 3.3 (PMR). Blast at Usibelli Coal Mine.
	20	00	07	07.3&	61.587	N	146.523	W	32					48	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	20	00	47	24.5?	31.69	S	69.52	W	130	G			0.3	5	SAN JUAN PROVINCE, ARGENTINA
	20	01	05	04.5*	24.315	S	67.157	W	210	*			1.0	9	CHILE-ARGENTINA BORDER REGION
	20	01	27	45.8?	48.99	N	18.71	E	10	G			1.3	5	CZECHOSLOVAKIA. ML 2.6 (WAR).
a	20	01	45	22.6	23.126	S	66.282	W	253	D	5.1		1.3	122	JUJUY PROVINCE, ARGENTINA
	20	01	49	56.4%	39.480	N	28.366	E	10	G			0.5	7	TURKEY. MD 3.0 (ISK).
	20	02	48	22.0	39.189	N	20.583	E	10	G			0.9	13	GREECE-ALBANIA BORDER REGION. MD 3.0 (ATH).
a	20	03	46	14.9*	31.082	S	13.548	W	10	G	5.1	4.9	1.2	36	SOUTHERN MID-ATLANTIC RIDGE
	20	04	20	33.6&	32.028	N	116.215	W	6	G				11	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.4 (PAS).
	20	04	42	48.7?	25.09	S	179.92	E	564	?	5.0		1.4	29	SOUTH OF FIJI ISLANDS
	20	07	10	06.9?	17.80	N	121.29	E	33	N	4.1		1.3	5	LUZON, PHILIPPINE ISLANDS
	20	07	43	42.7%	41.412	N	23.422	E	10	G			0.9	6	GREECE-BULGARIA BORDER REGION
	20	07	58	59.3%	33.307	S	68.304	W	33	N			0.7	5	MENDOZA PROVINCE, ARGENTINA
	20	08	08	30.1&	67.373	N	146.568	W	25					78	NORTHERN ALASKA. <AEIC>. ML 3.9 (AEIC), 4.6 (PMR). Felt (III) at Arctic Village.
	20	08	33	23.6*	25.658	S	13.940	W	10	G	4.1		0.8	11	SOUTHERN MID-ATLANTIC RIDGE
	20	08	42	56.6	40.960	S	172.835	E	222				0.5	39	OFF W. COAST OF S. ISLAND, N.Z.
	20	08	46	36.4?	7.41	S	143.01	E	33	N	4.2		1.0	5	NEAR S COAST OF NEW GUINEA, PNG.
	20	09	41	25.9	41.723	N	23.140	E	10	G			1.0	11	GREECE-BULGARIA BORDER REGION. ML 2.7 (SKO).
	20	09	46	08.3&	61.623	N	149.971	W	38					53	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
	20	09	46	24.6%	43.065	N	0.597	W	10	G			0.2	5	PYRENEES. ML 1.0 (STR).
	20	09	59	27.9&	60.836	N	146.880	W	26					54	SOUTHERN ALASKA. <AEIC> ML 2.5 (AEIC).
	20	11	20	39.3&	64.846	N	149.071	W	22					35	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC), 3.3 (PMR).
	20	11	49	55.7&	58.192	N	142.671	W	10	G				33	GULF OF ALASKA. <AEIC>. ML 2.7 (AEIC).
	20	11	50	59.9&	58.214	N	142.851	W	10					25	GULF OF ALASKA. <AEIC>. ML 3.0 (AEIC).
	20	12	28	10.8?	32.44	S	71.85	W	10	G			0.8	9	NEAR COAST OF CENTRAL CHILE. MD 3.5 (SAN).
	20	13	43	41.3&	60.083	N	153.055	W	109					54	SOUTHERN ALASKA. <AEIC>.
	20	14	57	42.7&	34.410	N	119.807	W	13					16	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.7 (GS).
	20	16	09	46.4?	19.36	N	66.49	W	10	G			0.4	5	PUERTO RICO REGION
	20	17	07	42.0	40.743	N	30.751	E	10	G			0.6	14	TURKEY. MD 3.4 (ISK).
	20	17	12	40.3?	5.76	S	147.11	E	187	?	4.9		1.7	8	EASTERN NEW GUINEA REG., P.N.G.
	20	18	40	18.0*	36.885	N	29.287	E	10	G			0.9	5	TURKEY. MD 3.2 (ISK).
	20	18	50	27.4%	40.397	N	30.067	E	10	G			1.1	6	TURKEY. MD 2.8 (ISK).
	20	18	52	34.5%	47.687	N	7.022	E	10	G			0.6	5	SWITZERLAND. ML 2.2 (LDG).
	20	18	53	02.1	57.100	N	147.535	W	10	G			0.6	78	GULF OF ALASKA. ML 3.6 (AEIC), 3.6 (PMR).
	20	19	43	04.1?	40.23	N	27.73	E	10	G			0.4	4	TURKEY. MD 2.3 (ISK).
	20	19	59	21.4%	42.456	N	19.367	E	19	*			0.1	9	NORTHWESTERN BALKAN REGION. ML 1.7 (TTG).
	20	20	45	07.0	46.296	N	7.393	E	10	G			1.0	20	SWITZERLAND. ML 2.8 (LDG).
	20	21	12	11.8?	40.55	N	30.12	E	5	G			0.9	4	TURKEY. MD 2.6 (ISK).
	20	21	29	34.0?	38.04	N	22.65	E	33	N			0.2	4	GREECE. MD 3.0 (ATH).
	20	21	51	55.6	44.403	N	142.260	E	232	*	4.4		0.8	73	HOKKAIDO, JAPAN REGION
	20	23	01	32.7*	43.076	N	20.819	E	10	G			1.3	10	NORTHWESTERN BALKAN REGION. ML 2.3 (TTG).
	20	23	07	17.1	50.167	N	143.552	E	37		5.0	4.3	1.0	131	SAKHALIN ISLAND. Felt (IV) at Aleksandrovsk-Sakhalinskiy, Pogranichnaye, Tikhmeneva and Vakhrushev; (III) at Uglegarsk.
	20	23	29	38.2?	38.33	N	22.52	E	33	N			0.8	4	GREECE. MD 3.0 (ATH).
	21	00	16	50.0?	40.58	N	24.21	E	10	G			0.3	5	AEGEAN SEA
	21	00	23	48.1	36.693	N	21.220	E	67		4.1		1.1	71	SOUTHERN GREECE
	21	00	29	47.0*	40.502	S	45 236	E	10	G	4.4		0.8	13	SOUTHWEST INDIAN RIDGE
	21	00	44	17.3*	44.568	S	167.294	E	131	?			0.9	23	SOUTH ISLAND, NEW ZEALAND
	21	01	11	23.2*	38.303	S	176.195	E	193	*			0.7	25	NORTH ISLAND, NEW ZEALAND
	21	01	14	09.4	37.968	N	66.541	E	10	G	4.5		1.4	29	AFGHANISTAN-TAJIKISTAN BORD REG.
	21	01	31	02.2	44.562	N	7.456	E	20				0.5	18	NORTHERN ITALY. ML 2.2 (LDG).
	21	02	14	16.1	40.613	N	22.801	E	10	G			0.3	7	GREECE
	21	02	21	43.2&	34.830	N	97.680	W	5	G				9	OKLAHOMA. <TUL>. mbLg 2.2 (TUL).
a	21	03	04	08.0	8.643	S	110.423	E	48	D	5	3 4.8	1.1	121	JAWA, INDONESIA
	21	03	42	29.1	40.619	N	22.800	E	10	G			0 2	8	GREECE

	21	03	43	32.5	16.022	S	173.009	W	26	D	5.2	4.8	1.0	152	TONGA ISLANDS
a	21	05	07	21.7	35.916	N	22.491	E	65	G	5.9		1 1	500	CENTRAL MEDITERRANEAN SEA. Felt on Kriti and in the western Peloponnisos, Greece. Also felt at Edhessa and Kostoria, Greece. Felt (IV) at Dubrovnik, Croatia. Depth from broadband displacement seismograms.
	21	05	55	21.5*	20.693	S	67.860	W	163	?			0.7	7	SOUTHERN BOLIVIA
	21	06	59	23.3%	28.949	S	68.377	W	33	N			0.9	5	LA RIOJA PROVINCE, ARGENTINA
	21	06	59	49.5*	30.630	S	176.878	W	10	G	4.8		1.1	10	KERMADEC ISLANDS REGION
	21	07	08	29.4*	17.519	N	61.774	W	10	G			0.8	5	LEEWARD ISLANDS. ML 3.6 (FDF). MD 3.6 (TRN).
a	21	08	21	42.0	52.293	N	168.651	W	33	N	5.0	4.6	1.2	102	FOX ISLANDS, ALEUTIAN ISLANDS. ML 4.6 (PMR).
	21	08	32	56.9	44.205	N	11.029	E	72	*			1.1	41	NORTHERN ITALY. MD 3.0 (TRI).
	21	08	57	10.3	52.300	N	168.689	W	33	N	5.0	4.4	1.2	66	FOX ISLANDS, ALEUTIAN ISLANDS. ML 4.6 (PMR).
	21	09	00	26.9*	3.141	S	134.004	E	33	N	4.7		0.7	5	IRIAN JAYA REGION, INDONESIA
	21	09	03	11.3%	43.854	N	8.269	E	10	G			0.2	7	CORSICA
	21	09	09	58.9%	41.117	N	28.721	E	10	G			0.1	6	TURKEY. MD 2.6 (ISK).
	21	09	21	25.4	18.608	S	69.326	W	135	*	4.0		0.7	9	NORTHERN CHILE
	21	09	21	41.1?	6.97	S	11.74	W	10	G	4.9		1.1	10	ASCENSION ISLAND REGION
	21	09	37	48.6*	32.638	S	70.096	W	118	?			0.3	12	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
	21	09	41	09.9?	35.06	S	70.95	W	100	G			0.2	10	CHILE-ARGENTINA BORDER REGION. MD 3.8 (SAN).
	21	10	01	47.7%	42.562	N	18.586	E	10	G			0.2	7	NORTHWESTERN BALKAN REGION. ML 1.3 (TTG).
	21	11	01	45.8	7.540	N	63.164	W	10	G	4.4		1.0	20	VENEZUELA. Felt at Guri and Ciudad Bolivar.
	21	11	07	27.2	6.716	N	72.901	W	175		4.0		1.0	13	NORTHERN COLOMBIA
	21	12	09	18.5?	13.93	N	93.74	W	33	N	4.2		1.1	5	OFF COAST OF CHIAPAS, MEXICO
	21	12	55	49.0	45.671	N	26.656	E	137		5.2		1.0	221	ROMANIA. MD 4.6 (TTG). Felt (V) in the Vrancea region and (IV) at Bucharest. Also felt in northern Bulgaria.
	21	13	37	42.3%	40.576	N	30.096	E	10	G			0.5	9	TURKEY. MD 2.7 (ISK).
	21	14	32	01.6?	24.68	N	122.62	E	63	?	4.2		0.6	7	TAIWAN REGION
	21	15	11	42.4&	35.315	N	118.604	W	3					36	CENTRAL CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.6 (GS). Felt (IV) at Caliente and (II) at Tehachapi.
	21	15	24	10.8&	59.949	N	147.867	W	19					53	GULF OF ALASKA. <AEIC>. ML 2.8 (AEIC).
	21	16	28	34.1	46.021	N	2.979	E	7				0.3	12	FRANCE. ML 2.2 (LDG).
	21	16	29	51.5*	48.857	N	113.684	W	5	G			0.5	6	MONTANA. ML 3.4 (GS), 3.4 (PGC).
	21	17	11	11.8	32.932	S	71.584	W	16	*			0.7	15	NEAR COAST OF CENTRAL CHILE. MD 4.1 (SAN).
	21	17	51	07.8	71.113	N	7.001	W	10	G	3.4		0.5	6	JAN MAYEN ISLAND REGION. MD 3.8 (BER).
a	21	18	27	32.7	16.325	S	175.932	W	380	D	5.0		1.0	153	TONGA ISLANDS
	21	18	52	54.5*	16.114	S	176.031	W	396	*	4.7		0.9	21	FIJI ISLANDS REGION
	21	18	58	21.4	44.599	N	10.055	E	5	G			0.8	11	NORTHERN ITALY
	21	19	03	29.9?	47.43	N	7.24	E	10	G			0.4	4	SWITZERLAND
	21	19	03	59.0&	35.149	N	117.096	W	8					19	CENTRAL CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.2 (GS).
	21	19	54	27.9*	24.887	S	69.048	W	154	*			1.3	12	NORTHERN CHILE
	21	20	51	49.2&	67.573	N	146.664	W	0					15	NORTHERN ALASKA. <AEIC>. ML 2.8 (AEIC).
	21	21	42	11.1%	10.767	N	67.487	W	10	G			0.6	8	NEAR COAST OF VENEZUELA
f	21	22	39	32.9	56.665	S	26.405	W	20	G	5.9	6 6	1.1	235	SOUTH SANDWICH ISLANDS REGION. Depth from broadband displocement seismogroms.
	21	23	09	07.3?	45.56	S	166.73	E	140	?			0.6	17	OFF W COAST OF S. ISLAND, N.Z.
	21	23	11	50 6	56.316	S	25.581	W	33	N	5.4		1 0	47	SOUTH SANDWICH ISLANDS REGION
	21	23	27	00.9	12.897	S	166.764	E	33	N	5.0		1.2	9	SANTA CRUZ ISLANDS
	21	23	35	30.2?	38.07	N	27.10	E	10	G			1.0	5	TURKEY. MD 2.9 (ISK).
	21	23	54	24.5?	8.84	S	127.69	E	176	?			0.9	6	TIMOR REGION, INDONESIA
	22	00	27	51.3	56.422	S	25.733	W	33	N	5.4		1.0	72	SOUTH SANDWICH ISLANDS REGION
	22	00	29	00.5*	51.326	N	177.560	W	33	N	4.1		1.0	22	ANDREANOF ISLANDS, ALEUTIAN IS.
	22	01	09	21.0	39.595	N	22.016	E	10	G			1.0	11	GREECE
	22	01	11	36.7%	42.826	N	13.206	E	10	G			0 6	6	CENTRAL ITALY
	22	01	27	03.4%	45.688	N	27.057	E	10	G			1.2	6	ROMANIA
	22	02	12	13.6	39.612	N	22.011	E	10	G			0.9	13	GREECE
	22	02	15	51.4	56.346	S	25.785	W	33	N	5.2	5.4	1.0	76	SOUTH SANDWICH ISLANDS REGION
	22	02	21	20.6	45.958	S	33.961	E	10	G	5.0		0 8	24	PRINCE EDWARD ISLANDS REGION
	22	02	54	50.7?	46.29	S	33.39	E	10	G	4.7		1.4	8	PRINCE EDWARD ISLANDS REGION
	22	03	54	35.5?	36.36	N	21.80	E	10	G			0.4	11	SOUTHERN GREECE. ML 3.2 (ATH).
	22	03	59	59.0*	44.329	S	167.867	E	33	N			1.0	18	SOUTH ISLAND, NEW ZEALAND. ML 3.9 (WEL).
	22	04	36	59.4?	38.47	N	23.25	E	10	G			0.1	5	GREECE
	22	05	15	08.5%	40.819	N	27.652	E	10	G			1.3	6	TURKEY. MD 2.8 (ISK).
	22	05	28	55.9*	40.763	N	20 837	E	10	G			1.3	6	GREECE-ALBANIA BORDER REGION. ML 2.1 (SKO).
	22	05	58	42.3%	40 834	N	27.687	E	10	G			1.3	8	TURKEY. MD 3.0 (ISK).
	22	07	12	45.9?	38.15	N	26.95	E	10	G			0.5	4	AEGEAN SEA. MD 3.1 (ISK).
	22	07	29	23 5&	59.853	N	153.213	W	122					58	SOUTHERN ALASKA. <AEIC>.
	22	07	47	42.6*	7.145	N	94.065	E	96	?	4.5		1.2	19	NICOBAR ISLANDS, INDIA
	22	08	47	24.3?	12.71	N	144.76	E	61	*	4.0		0.3	10	SOUTH OF MARIANA ISLANDS
	22	09	03	24.0*	12.864	N	125.497	E	51	?	4.6		0.7	7	SAMAR, PHILIPPINE ISLANDS
	22	09	59	07.1	3.884	S	131.251	E	33	N	4.7		0.9	38	IRIAN JAYA REGION, INDONESIA
	22	10	14	31.0%	36.995	N	3.970	W	10	G			0.9	8	STRAIT OF GIBRALTAR. mbLg 3.0 (MDD).
	22	11	22	49.0?	39.13	N	27.56	E	10	G			0.4	4	TURKEY. MD 2.9 (ISK).
a	22	11	42	46.4	20.365	N	94.340	E	68	D	5.3		0.9	302	MYANMAR
	22	12	44	33.5&	62.853	N	149.535	W	73		3.3			97	CENTRAL ALASKA. <AEIC>.
	22	13	32	13.1	45.638	N	14.153	E	5	G			1.2	8	NORTHWESTERN BALKAN REGION. MD 2.2 (LJU), 1.9 (TRI).
	22	13	58	15.4&	57.566	N	142.649	W	10	G				19	GULF OF ALASKA. <AEIC>. ML 2.6 (AEIC).
	22	14	25	21.9*	23.351	N	120.681	E	10	G			0.2	5	TAIWAN
	22	14	35	27.8?	48.77	N	1.04	W	10	G			0.1	4	FRANCE. ML 1.9 (LDG).
	22	14	44	46.4*	56.499	S	25.484	W	33	N	4.6	4.6	1.2	30	SOUTH SANDWICH ISLANDS REGION
	22	14	56	14.4*	56.559	S	25.380	W	10	G	5.1	5.0	0.6	17	SOUTH SANDWICH ISLANDS REGION
	22	14	59	39.4?	39.12	N	27.51	E	10	G			0.3	4	TURKEY. MD 2.8 (ISK).
	22	15	12	12.5&	60.542	N	141.702	W	10					24	SOUTHEASTERN ALASKA. <AEIC>. ML 2.5 (AEIC).
a	22	15	15	58.6*	56.340	S	25.490	W	33	N	4.6	5.5	1.0	30	SOUTH SANDWICH ISLANDS REGION
	22	15	19	43.5*	34.097	S	70.473	W	10	G			0.5	12	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
	22	15	21	12.6	34.123	S	70.444	W	10	G			0.4	8	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
	22	15	31	23.2	3.238	N	126.538	E	73	*	4.8		1.1	49	TALAUD ISLANDS, INDONESIA
	22	15	36	55.3%	40.399	N	29.157	E	10	G			0.3	6	TURKEY. MD 2.7 (ISK).
	22	15	48	21.6?	51.86	N	168.60	W	33	N	4.4		1 3	9	FOX ISLANDS, ALEUTIAN ISLANDS
	22	15	53	16.7	43.878	N	10.318	E	13				0 8	20	CENTRAL ITALY. MD 3.1 (FIR). ML 2.9 (LDG).
	22	16	01	07.2*	0 801	S	124.365	E	62	?	4.5		1.5	9	SOUTHERN MOLUCCA SEA
	22	16	19	54.2	45.237	N	3.542	E	10	G			0 8	13	FRANCE. ML 2.5 (LDG).
	22	16	32	29.1&	60.063	N	153.564	W	157					41	SOUTHERN ALASKA. <AEIC>.
a	22	17	35	20.3	19.578	S	173.772	W	21	D	5.5	5.4	1.0	136	TONGA ISLANDS

	22	17 46 36.3*	3.610	N	126.669	E	74	*	4.6		1.2	10	TALAUD ISLANDS, INDONESIA
	22	18 45 02.9	40.641	N	23.548	E	10	G			0.6	13	GREECE
	22	18 53 27.5?	18.15	N	145.38	E	473	?	3.9		1.4	10	MARIANA ISLANDS
	22	19 35 42.0?	39.31	N	28.87	E	10	G			0.1	4	TURKEY. MD 2.6 (ISK).
	22	19 41 04.8*	43.811	N	149.315	E	33	N	4.7		0.9	20	EAST OF KURIL ISLANDS
	22	19 49 48.9?	13.60	N	89.07	W	72	*	4.4		1.4	8	EL SALVADOR. Felt (III) at San Salvador.
	22	19 52 51.6?	51.57	N	16.19	E	10	G			0.8	7	POLAND. ML 3.5 (VIE), 3.3 (GRF).
	22	20 09 32.4?	52.58	N	169.14	W	33	N	4.4		1.1	12	FOX ISLANDS, ALEUTIAN ISLANDS
	22	21 11 07.1	29.266	S	71.232	W	44	D	5.1		1.1	82	NEAR COAST OF CENTRAL CHILE. MD 5.1 (SAN).
	22	21 24 59.2	35.312	N	3.806	W	10	G			1.0	14	STRAIT OF GIBRALTAR. mbLg 3.1 (MDD).
	22	21 26 23.2*	43.406	N	16.942	E	10	G			0.9	10	NORTHWESTERN BALKAN REGION. ML 2.5 (TTG).
	22	21 49 09.9?	35.20	N	3.86	W	10	G			0.9	4	STRAIT OF GIBRALTAR. mbLg 2.3 (MDD).
	22	22 01 28.0%	42.479	N	19.368	E	10	G			0.6	8	NORTHWESTERN BALKAN REGION. ML 1.2 (TTG).
	22	22 26 46.5%	39.674	N	15.372	E	10	G			0.7	8	SOUTHERN ITALY
	22	22 41 40.1*	56.388	S	25.388	W	33	N	4.9		0.4	12	SOUTH SANDWICH ISLANDS REGION
	22	23 11 16.2?	31.91	S	71.52	W	33	N			0.5	12	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	22	23 29 21.6*	38.152	S	72.025	W	59	*			1.1	24	CENTRAL CHILE. MD 4.4 (SAN).
	22	23 30 33.2	38.794	N	22.403	E	10	G			0.5	13	GREECE
	23	00 20 30.5?	32.90	S	71.79	W	33	N			1.2	13	NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN).
	23	00 42 16.4	43.513	N	17.020	E	16				1.0	46	NORTHWESTERN BALKAN REGION. MD 4.0 (TRI). ML 3.7 (TTG), 3.6 (TIR), 3.6 (ZAG).
	23	00 59 14.6?	43.33	N	19.96	E	10	G			0.7	8	NORTHWESTERN BALKAN REGION. ML 1.9 (TTG).
	23	02 20 00.4	43.220	N	26.800	E	9				1.0	20	BULGARIA
	23	02 41 16.6*	23.968	S	67.507	W	198	?			0.7	8	CHILE-ARGENTINA BORDER REGION
	23	02 47 16.5%	37.813	N	3.992	W	10	G			0.6	6	SPAIN. mbLg 2.4 (MDD).
	23	03 54 19.9%	40.055	N	23.638	E	10	G			0.8	6	GREECE
	23	04 01 34.4&	34.955	N	116.939	W	4					19	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.3 (GS). Felt.
	23	04 05 03.1%	43.139	N	20.210	E	10	G			0.4	9	NORTHWESTERN BALKAN REGION. ML 1.7 (TTG).
	23	04 22 31.6?	46.74	N	7.65	E	10	G			0.8	5	SWITZERLAND. ML 2.4 (LDG).
	23	04 58 43.8	32.752	S	68.117	W	41	*			1.0	29	MENDOZA PROVINCE, ARGENTINA. MD 4.5 (SAN). Felt (III) at Mendozo.
	23	05 49 11.7%	39.314	N	27.599	E	10	G			0.5	6	TURKEY. MD 3.0 (ISK).
	23	06 07 59.3&	34.407	N	116.467	W	4					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 2.9 (GS).
	23	06 22 38.7*	12.280	N	141.478	E	33	N	5.0	4.3	1.0	25	SOUTH OF MARIANA ISLANDS
	23	06 29 40.4*	12.344	N	141.402	E	33	N	4.9		1.1	14	SOUTH OF MARIANA ISLANDS
	23	06 30 15.9?	18.89	N	67.19	W	33	N			0.3	9	MONA PASSAGE
a	23	06 31 14.9	18.743	N	67.168	W	31	D	4.9	4.7	1.0	159	MONA PASSAGE. Felt throughout much of Puerto Rica.
	23	06 48 16.4%	18.448	N	66.635	W	10	G			0.5	5	PUERTO RICO REGION
	23	06 52 20.3%	44.300	N	7.242	E	10	G			0.4	8	NORTHERN ITALY. ML 2.0 (GEN).
	23	07 06 08.1?	18.96	N	67.22	W	33	N			0.4	8	MONA PASSAGE
	23	07 11 16.6*	36.611	N	71.173	E	228	?	4.5		0.7	13	AFGHANISTAN-TAJIKISTAN BORD REG.
	23	07 19 33.8*	7.481	S	129.388	E	136	*			0.6	9	BANDA SEA
	23	07 23 17 2%	18.086	N	100.643	W	33	N			1.4	5	GUERRERO, MEXICO
	23	07 40 55.0	44.358	N	7.306	E	9				0.7	16	NORTHERN ITALY. ML 2.2 (LDG), 2.1 (GEN).
	23	08 21 54.1?	39.06	N	27.56	E	10	G			0.4	4	TURKEY. MD 2.7 (ISK).
	23	09 03 15.4*	4.478	N	123.219	E	552	*	4.9		0.7	15	CELEBES SEA
	23	09 07 36.3&	34.336	N	116.903	W	2					17	SOUTHERN CALIFORNIA. <PAS-P> ML 3.3 (PAS), 3.6 (GS).
	23	09 27 38.4?	4.85	S	148.34	E	202	*	5.3		1.4	10	BISMARCK SEA
	23	10 50 15 6&	34.338	N	116 903	W	3					18	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.4 (GS).
	23	10 59 23.1?	40.55	N	27.84	E	5	G			0.7	4	TURKEY. MD 2.4 (ISK).
	23	11 27 28.6	43.706	N	9.757	E	10	G			0.8	13	CORSICA
	23	11 56 09.9&	34.830	N	97.670	W	5	G				7	OKLAHOMA. <TUL>. mbLg 2.3 (TUL).
	23	12 38 33.8?	39.07	N	27.59	E	10	G			0.4	4	TURKEY. MD 2.9 (ISK).
	23	13 09 32.4%	34.326	S	71.137	W	60	G			0.3	8	NEAR COAST OF CENTRAL CHILE
	23	15 04 27.4?	18.92	N	67.18	W	33	N			0.2	7	MONA PASSAGE
	23	15 10 57.6?	19.72	S	178.27	W	465	?	4.5		1.3	12	FIJI ISLANDS REGION
	23	15 13 14.3*	38.852	N	21.786	E	26	*			1.5	12	GREECE. ML 3.2 (ATH).
	23	15 20 56.0?	18.28	N	66.93	W	33	N			1.2	5	PUERTO RICO REGION
	23	16 16 27.1?	38.20	N	26.82	E	10	G			0.6	4	AEGEAN SEA. MD 3.1 (ISK).
	23	16 51 11.0?	17.99	S	175.18	W	230	G	4.3		0.9	16	TONGA ISLANDS
	23	17 11 23.9?	7.43	S	128.92	E	113	?			0.2	5	BANDA SEA
	23	17 50 49.3	37.351	N	70.791	E	33	N	4.1		0.4	9	AFGHANISTAN-TAJIKISTAN BORD REG.
	23	18 02 15.5	10.086	N	83.958	W	10	G			0.4	8	COSTA RICA. MD 3.9 (HDC). Felt (IV) at San Jose.
	23	18 32 40.8&	66.825	N	143.454	W	0					10	NORTHERN ALASKA. <AEIC> ML 3.1 (AEIC).
	23	18 45 53.3*	36.849	S	177.867	E	248	*			0.8	37	OFF E. COAST OF N. ISLAND, N.Z.
	23	19 43 11.4*	6.631	S	128.385	E	297	*	4.5		0.8	14	BANDA SEA
	23	19 43 23.2&	40.480	N	125.666	W	12					8	OFF COAST OF NORTHERN CALIFORNIA. <GM-P>. MD 3.4 (GM).
	23	19 57 22.6*	1.594	S	67.491	E	10	G	5.2		0.9	14	CARLSBERG RIDGE
	23	20 59 56.3&	38 078	N	121.857	W	14					24	NORTHERN CALIFORNIA. <BRK>. ML 2.8 (BRK). MD 3.0 (GM). Felt at Albany, Berkeley, Birds Landing, Concord, Moroga and Pittsburg.
	23	21 23 33.5?	20.24	N	94.19	E	33	N			0.6	6	MYANMAR
	23	22 19 50.6%	33.786	S	71.375	W	33	N			0.5	10	NEAR COAST OF CENTRAL CHILE. MD 3.4 (SAN).
	23	22 20 16.3	38.188	S	175.950	E	218	*			0.4	25	NORTH ISLAND, NEW ZEALAND
	23	22 35 04.7	3.554	S	139.658	E	33	N	4.7		0.7	10	IRIAN JAYA, INDONESIA
a	23	23 11 06.7	38.620	N	72.635	E	41	D	5.6	5.0	1.0	399	TAJIKISTAN
	23	23 37 31.8*	22.483	S	68.649	W	99	?	4.9		1.5	6	NORTHERN CHILE
	24	00 03 37.8*	37.262	N	20.877	E	10	G			1.1	12	IONIAN SEA
	24	00 21 56.4?	38.42	N	72.74	E	40	G			0.4	6	TAJIKISTAN
a	24	00 53 45.3	51.175	N	179.117	E	33	N	5.6	5.3	1.2	415	RAT ISLANDS, ALEUTIAN ISLANDS. Felt (III) on Amchitka and (II) on Adak.
	24	01 06 02.4	51.199	N	179.176	E	33	N	4.2		0.9	22	RAT ISLANDS, ALEUTIAN ISLANDS
	24	01 06 31.8	51.254	N	179.047	E	33	N	4.8		0.9	76	RAT ISLANDS, ALEUTIAN ISLANDS
	24	01 12 30.7	51.197	N	179.048	E	33	N	4.8		1.1	38	RAT ISLANDS, ALEUTIAN ISLANDS
	24	01 18 29.9%	33.784	S	71.369	W	33	N			0.4	10	NEAR COAST OF CENTRAL CHILE
	24	02 06 43.7%	38.014	N	26.925	E	10	G			1.1	5	AEGEAN SEA. MD 2.2 (ISK).
	24	02 24 06.1&	34.062	N	116.366	W	4					7	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 2.8 (GS). Felt.
	24	03 47 24.6	37.708	N	21.514	E	51	*	3.9		1.1	43	SOUTHERN GREECE. MD 4.1 (ATH). Felt in most of the Peloponnisos.
	24	04 35 12.9%	40.401	N	28.340	E	10	G			0.5	5	TURKEY. MD 2.9 (ISK).
	24	05 01 02.7	43.919	N	10.375	E	5	G			0.9	29	CENTRAL ITALY. ML 2.9 (LDG). MD 2.8 (FIR).

	24	05	14	21.8	33.486	S	72.979	W	32	D	5.1	1.0	85	OFF COAST OF CENTRAL CHILE. MD 4.8 (SAN).
	24	05	37	00.6	51.255	N	175.824	W	33	N	4.6 4.6	1.1	57	ANDREANOF ISLANDS, ALEUTIAN IS.
	24	05	45	22.7?	35.32	N	26.84	E	10	G		0.4	5	CRETE. ML 3.9 (CSS).
	24	06	07	23.2?	34.83	S	71.25	W	120	G		0.6	10	NEAR COAST OF CENTRAL CHILE
	24	06	11	49.3?	33.90	S	72.01	W	10	G		0.5	11	OFF COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	24	06	32	48.6?	41.03	N	23.66	E	10	G		0.8	5	GREECE-BULGARIA BORDER REGION
	24	06	38	43.4	40.687	N	23.414	E	10	G		0.5	12	GREECE
	24	07	02	51.3	1.487	N	127.085	E	103		5.0	1.1	36	HALMAHERA, INDONESIA
	24	07	13	58 5&	59.773	N	153.029	W	94				45	SOUTHERN ALASKA. <AEIC>.
	24	07	29	15.2	51.436	N	16.160	E	10	G		0.5	12	POLAND. ML 3.6 (GRF), 3.5 (VIE).
	24	07	32	52.4*	14.386	N	92.948	W	66	*	4.5	1.2	19	NEAR COAST OF CHIAPAS, MEXICO
	24	07	38	04.3?	32.38	S	70.00	W	130	G		0.3	10	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	24	07	46	39 4?	39.38	N	27.61	E	10	G		0.6	4	TURKEY. MD 3.0 (ISK).
	24	07	48	56.2*	47.367	N	14.799	E	10	G		0.6	6	AUSTRIA. ML 3.2 (BRA), 2.9 (VIE). Felt (IV) at Trofaich.
	24	08	26	43.4%	43.270	N	18.926	E	10	G		0.3	9	NORTHWESTERN BALKAN REGION. ML 2.0 (TTG).
	24	09	05	22.7*	44.791	N	14.861	E	10	G		0.4	5	ADRIATIC SEA. MD 2.5 (LJU).
	24	09	06	26.9&	34.144	N	116.880	W	10				25	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.8 (PAS), 3.6 (GS). Felt (IV) at Yucaipa. Felt (III) at Calimesa and Highland.
	24	09	34	36.3&	39.720	N	122.084	W	16				15	NORTHERN CALIFORNIA. <GM-P>. MD 3.1 (GM).
	24	12	00	34.4?	18.97	N	67.23	W	33	N		0.3	9	MONA PASSAGE. MD 4.3 (MPR). Felt at San Juan, Puerto Rico.
a	24	12	03	35.8	1.355	N	101.323	W	10	G	5.2 5.4	0.8	143	EAST CENTRAL PACIFIC OCEAN
	24	12	13	19.8&	36.320	N	89.470	W	5				20	NEW MADRID, MISSOURI REGION. <SLM-P>. MD 2.7 (SLM).
	24	12	52	13.8*	31.434	S	69.194	W	120	G		0.8	14	SAN JUAN PROVINCE, ARGENTINA. MD 4.1 (SAN).
	24	13	22	09.4*	18.499	S	69.624	W	151	*		0.8	7	NORTHERN CHILE
	24	14	02	29.0%	43.856	N	7.061	E	10	G		0.5	8	NEAR SOUTH COAST OF FRANCE
	24	14	07	42.4%	42.278	N	19.434	E	10	G		0.6	9	NORTHWESTERN BALKAN REGION. ML 1.4 (TTG).
	24	14	33	21.8?	40.62	N	23.05	E	10	G		0.3	4	GREECE
	24	14	33	36.7%	42.267	N	19.458	E	10	G		0.5	8	NORTHWESTERN BALKAN REGION. ML 1.5 (TTG).
	24	15	43	15.7?	6.00	S	146.46	E	121	?	4.3	1.1	5	EASTERN NEW GUINEA REG., P.N.G.
	24	15	58	05.2%	34.488	S	70.376	W	6			0.4	10	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	24	16	20	48.5*	20.165	S	169.501	E	135	*	4.4	1.2	21	VANUATU ISLANDS
	24	16	39	40.2?	19.26	N	145.63	E	33	N	4.5	1.6	10	MARIANA ISLANDS
	24	17	41	20.9	31.205	S	68.557	W	121	*		0.9	21	SAN JUAN PROVINCE, ARGENTINA. MD 4.2 (SAN).
	24	17	46	28.1*	6.934	S	72.162	E	10	G	4.8	0.9	18	CHAGOS ARCHIPELAGO REGION
	24	19	09	42.0%	42.451	N	19.125	E	10	G		0.7	8	NORTHWESTERN BALKAN REGION. ML 1.3 (TTG).
	24	19	20	11.1%	33.158	S	70.848	W	10	G		0.1	7	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	24	19	51	41.3	42.442	N	19.105	E	10	G		0.7	9	NORTHWESTERN BALKAN REGION. ML 1.9 (TTG).
	24	20	10	58.5&	61.333	N	151.945	W	97				61	SOUTHERN ALASKA. <AEIC>.
	24	20	21	55.2	39.569	N	20.383	E	21			0.9	17	GREECE-ALBANIA BORDER REGION
	24	21	54	53.2*	44.430	N	129.882	W	10	G		0.4	47	OFF COAST OF OREGON. MD 2.7 (SEA).
	24	22	11	44.4%	38.113	N	26.790	E	10	G		0.6	7	AEGEAN SEA. MD 3.3 (ISK).
	24	22	38	16.6%	42.982	N	17.742	E	5	G		1.0	10	ADRIATIC SEA. ML 2.2 (TTG).
a	24	23	43	03.2	0.085	S	122.828	E	200		5.5	1.1	248	MINAHASSA PENINSULA, SULAWESI
	25	01	03	13.2?	18.83	N	67.08	W	33	N		0.3	7	MONA PASSAGE
	25	01	17	00.5?	50.60	N	18.93	E	10	G		1.0	5	POLAND. ML 3.1 (WAR).
	25	01	18	38.9	18.593	N	63.342	W	54	*	4.3	1.2	20	LEEWARD ISLANDS. MD 4.2 (TRN).
	25	01	24	51.3%	40.684	N	23.480	E	10	G		0.6	5	GREECE
	25	02	29	46.7%	40.635	N	23.468	E	10	G		0.6	7	GREECE
	25	02	29	56.1%	40.655	N	23.648	E	10	G		0.8	6	GREECE
	25	02	40	24.8&	35.045	N	116.976	W	4				42	CENTRAL CALIFORNIA. <PAS-P>. ML 4.1 (PAS), 3.8 (GS). Felt (IV) at Apple Valley and (II) at Highland. Also felt at Barstow.
	25	03	22	28.3	42.348	N	19.820	E	10	G		0.6	10	NORTHWESTERN BALKAN REGION. ML 1.6 (TTG).
	25	03	41	36.0*	38 096	N	26.907	E	10	G		0.5	5	AEGEAN SEA. MD 2.3 (ISK).
	25	04	12	35.6	41.440	N	19.571	E	5	G		0.9	14	ALBANIA. ML 2.8 (TIR), 2.3 (TTG).
	25	04	25	30.4	37.326	N	20.595	E	10	G	4.4	1.0	41	IONIAN SEA. ML 4.1 (TIR), 4.0 (ATH).
	25	04	46	08.1*	37.303	N	71.641	E	33	N	4.5	1.2	8	AFGHANISTAN-TAJIKISTAN BORD REG.
	25	05	04	56.8*	7.883	N	127.160	E	46	?	4.6	1.0	12	PHILIPPINE ISLANDS REGION
	25	05	28	48.8	37.772	N	20.384	E	10	G		0.9	16	IONIAN SEA. MD 3.7 (ATH).
	25	05	34	56.4?	5.96	S	146.51	E	205	?	4.6	0.7	5	EASTERN NEW GUINEA REG., P.N.G.
	25	05	46	25.1*	22.703	S	66.314	W	240	G		0.2	5	JUJUY PROVINCE, ARGENTINA
	25	06	00	04.7*	33.409	S	72.147	W	18	*		0.6	12	OFF COAST OF CENTRAL CHILE. MD 3.9 (SAN).
a	25	06	02	25.3	4.069	S	102.160	E	58	G	5.9	0.8	425	SOUTHERN SUMATERA, INDONESIA. Depth from broadband displacement seismograms.
	25	06	42	25.7?	23.87	S	66.59	W	221	?		1.4	10	JUJUY PROVINCE, ARGENTINA
	25	07	18	35.5?	17.53	N	62.56	W	90	G		0.7	5	LEEWARD ISLANDS. MD 3.0 (TRN). Felt on St. Barthelemy.
	25	07	50	34.9&	34.163	N	116.421	W	1				28	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.8 (PAS), 3.7 (GS). Felt (IV) at Yucaipa; (III) at Beaumont, La Quinta and Pioneertown; (II) at Calimesa and Murrieta. Also felt at Morongo Valley.
	25	07	58	27.1&	49.143	N	128.441	W	10	G			53	VANCOUVER ISLAND REGION. <PGC-P>.
	25	08	34	45.8%	17.716	N	94.660	W	130	G		0.7	6	CHIAPAS, MEXICO
	25	09	19	24.7%	41.414	N	29.278	E	10	G		1.2	5	TURKEY
	25	09	25	15.9?	41.65	N	29.69	E	10	G		0.3	4	TURKEY. MD 2.8 (ISK).
	25	09	38	41.1?	0.50	N	127.17	E	33	N		1.5	5	HALMAHERA, INDONESIA
	25	09	46	04.2	41.967	N	23.148	E	5	G		0.9	19	GREECE-BULGARIA BORDER REGION. ML 2.7 (SKO).
a	25	10	03	31.9	2.497	N	128.548	E	30	D	5.4 5.1	1.2	124	HALMAHERA, INDONESIA
	25	10	13	06.4%	39.120	N	27.608	E	10	G		0.5	5	TURKEY. MD 3.0 (ISK).
o	25	10	16	30.3	2.537	N	128.541	E	24	D	5.8 5.3	1.0	169	HALMAHERA, INDONESIA
	25	10	24	04.8*	5.965	S	149.718	E	33	N	4.9	0.7	6	NEW BRITAIN REGION, P.N.G. ML 5.1 (PMG).
	25	10	29	44.9?	66.47	N	14.65	E	10	G		1.2	4	NORTHERN NORWAY. MD 3.0 (BER).
	25	10	37	04.7	14.639	N	92.659	W	74		4.6	1.0	106	NEAR COAST OF CHIAPAS, MEXICO. Felt (I) at San Salvador, El Salvador.
	25	10	42	31.3*	38.625	N	24.087	E	10	G		0.8	8	AEGEAN SEA. ML 3.0 (ATH).
	25	12	43	21.0	11.689	N	87.412	W	59	*	4.7	1.1	68	NEAR COAST OF NICARAGUA
	25	12	55	28.2*	56.177	S	26.778	W	33	N	4.9	1.1	19	SOUTH SANDWICH ISLANDS REGION
	25	13	16	20.8?	42.66	N	24.16	E	10	G		0.7	6	BULGARIA
	25	13	29	51.5?	11.37	N	59.44	W	33	N		0.0	5	NORTH ATLANTIC OCEAN. MD 3.8 (TRN).
	25	13	54	00.8*	33.012	S	68.455	W	33	N		0.5	5	MENDOZA PROVINCE, ARGENTINA
	25	13	57	51.5*	20.072	S	69.109	W	155	*	5.0	1.0	14	NORTHERN CHILE

	25	14 31 13.5	45.484	N	9.961	E	14			1.2	36	NORTHERN ITALY. ML 3.1 (LDG), 2.8 (VIE).
	25	14 53 58.8?	40.71	N	27.48	E	10	G		0.2	4	TURKEY. MD 2.9 (ISK).
	25	15 04 03.3%	40.317	N	29.469	E	10	G		0.1	5	TURKEY. MD 2.6 (ISK).
	25	15 06 10.9*	33.228	S	71.729	W	10	G		1.1	19	NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN).
	25	16 09 41.4?	61.29	N	8.65	E	10	G		0.7	4	SOUTHERN NORWAY. MD 2.5 (BER).
	25	16 17 22.3%	43.125	N	0.643	W	10	G		0.1	6	PYRENEES
	25	16 31 24.2	11.577	N	59.748	W	44	*	4.4	0.9	22	NORTH ATLANTIC OCEAN. MD 3.9 (TRN), 4.1 (FDF).
	25	16 52 47.2	52.185	N	177.079	W	33	N	5.1 4.3	1.2	27	ANDREANOF ISLANDS, ALEUTIAN IS.
	25	17 00 06.3*	35.002	S	69.956	W	140	G		0.8	15	MENDOZA PROVINCE, ARGENTINA. MD 3.7 (SAN).
	25	17 00 17.1&	59.312	N	152.040	W	70				50	SOUTHERN ALASKA. <AEIC>.
	25	17 11 46.0%	32.848	S	70.341	W	110	G		0.3	9	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	25	17 11 58.0&	36.812	N	121.555	W	7				26	CENTRAL CALIFORNIA. <BRK>. ML 2.9 (BRK), 3.0 (GS).
	25	17 24 55.7%	60.397	N	4.957	E	10	G		0.3	5	SOUTHERN NORWAY. MD 1.4 (BER).
a	25	17 47 59.4	13.491	S	166.497	E	33	N	5.4 5.3	1.0	68	VANUATU ISLANDS
	25	17 55 18.6*	37.611	S	176.437	E	242	?		0.7	27	NORTH ISLAND, NEW ZEALAND
a	25	17 58 14.4	13.538	S	166.344	E	60	*	5.6	1.1	135	VANUATU ISLANDS
	25	18 36 21.1*	13.578	S	166.299	E	33	N	5.0 4.8	0.9	27	VANUATU ISLANDS
	25	20 45 38.0%	44.562	N	7.246	E	10	G		0.1	5	NORTHERN ITALY. ML 1.8 (GEN).
	25	21 42 08.0*	33.413	S	72.980	W	10	G		0.9	16	OFF COAST OF CENTRAL CHILE. MD 4.1 (SAN).
	25	21 59 19.8%	18.410	N	66.787	W	31	*		1.5	7	PUERTO RICO REGION
	25	22 28 58.0	43.116	N	0.539	W	10	G		0.7	10	PYRENEES. ML 3.1 (LDG). mbLg 2.7 (MDD).
	25	22 49 42.1	36.606	N	5.285	W	19	*		1.0	10	STRAIT OF GIBRALTAR. mbLg 2.8 (MDD).
	25	23 25 47.6	51.352	N	178.627	W	33	N	4.9	0.9	150	ANDREANOF ISLANDS, ALEUTIAN IS.
	25	23 45 51.1*	50.225	N	18.924	E	10	G		1.3	5	POLAND. ML 3.1 (WAR).
	26	00 14 05.0	31.651	S	69.628	W	129			0.7	24	SAN JUAN PROVINCE, ARGENTINA. MD 4.4 (SAN).
	26	00 31 38.3*	31.426	S	69.844	W	148	?		0.5	12	SAN JUAN PROVINCE, ARGENTINA. MD 3.8 (SAN).
	26	00 39 45.4&	33.904	N	116.274	W	9				7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	26	00 57 49.4?	18.67	N	66.05	W	10	G		1.5	5	PUERTO RICO REGION
	26	01 16 32.9	20.093	S	69.502	W	116	*	4.4	1.1	14	NORTHERN CHILE
	26	01 25 12.3*	20.143	S	69.417	W	120	G		0.4	5	NORTHERN CHILE
	26	01 43 15.4?	39.44	N	25.54	E	10	G		0.7	6	AEGEAN SEA. MD 3.3 (ISK).
	26	02 00 42.0*	31.773	S	71.476	W	33	N		1.4	12	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
	26	02 05 40.2	6.987	N	76.595	W	10	G	5.2	1.0	102	NORTHERN COLOMBIA
	26	02 17 59.3*	4.930	S	138 200	E	33	N	4.9	1.4	10	IRIAN JAYA, INDONESIA
	26	02 19 06.3%	47.056	N	6.951	E	10	G		1.2	7	FRANCE. ML 2.7 (LDG).
	26	03 58 35.8*	17.886	S	175.180	W	224	*	4.5	1.1	27	TONGA ISLANDS
	26	04 05 53.2?	14.79	N	120.40	E	105	?	4.3	0.4	6	LUZON, PHILIPPINE ISLANDS
	26	04 30 49.8%	38.653	N	30.854	E	10	G		1.1	8	TURKEY. MD 3.2 (ISK).
	26	04 34 23.8&	60.237	N	153.112	W	129				45	SOUTHERN ALASKA. <AEIC>.
	26	06 34 58.2	23.954	S	66.430	W	225		4.6	1.1	23	JUJUY PROVINCE, ARGENTINA
	26	07 09 05.5&	58.927	N	154.587	W	131		4.0		107	ALASKA PENINSULA. <AEIC>.
	26	07 25 49.0%	33.660	S	70.813	W	72	?		0.3	10	CHILE-ARGENTINA BORDER REGION. MD 3.1 (SAN).
	26	07 27 26.7*	6.269	S	150.595	E	33	N	5.0	1.3	8	NEW BRITAIN REGION, P.N.G. ML 4.5 (PMG).
	26	08 31 20.3?	39.79	N	29.10	E	10	G		1.0	4	TURKEY. MD 2.5 (ISK).
	26	08 49 05.2?	24.51	N	123.53	E	33	N	3.4	0.8	6	SOUTHWESTERN RYUKYU ISLANDS
	26	08 55 15.1	6.214	S	154.372	E	69	*	4.7	0.9	29	SOLOMON ISLANDS
	26	08 58 47.8?	8.11	S	129.12	E	112	?	4.7	0.8	8	TIMOR SEA
	26	09 03 44.2?	40.41	N	21.84	E	10	G		1.0	4	GREECE
	26	09 28 55.5%	43.028	N	18.762	E	10	G		0.2	8	NORTHWESTERN BALKAN REGION. ML 1.4 (TTG).
	26	10 25 47.2*	10.170	N	62.339	W	10	G		1.3	8	NEAR COAST OF VENEZUELA. MD 3.3 (TRN).
	26	10 47 55.7	25.489	N	116.899	E	33	N	4.1	1.4	11	NEAR SOUTHEASTERN COAST OF CHINA
	26	11 19 20.6%	69.384	N	22.397	E	10	G		1.1	5	NORTHERN NORWAY. MD 2.9 (BER).
	26	12 25 29.5	51.636	N	16.080	E	13		4.2	0.7	34	POLAND. ML 4.6 (GRF), 4.2 (VIE).
	26	12 44 34.2	31.764	N	83.797	E	33	N	4.6 4.2	1.2	45	XIZANG
	26	13 01 11.5%	33.442	S	71.455	W	62	?		0.2	8	NEAR COAST OF CENTRAL CHILE
	26	13 42 26.2	6.791	N	72.945	W	171		4.6	0.7	43	NORTHERN COLOMBIA. Felt at Merida, Venezuela.
	26	14 26 32.5%	33.563	S	70.832	W	82	?		0.2	10	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	26	14 41 39.7&	60.767	N	151.821	W	75				88	KENAI PENINSULA, ALASKA. <AEIC>.
	26	14 58 30.9%	47.051	N	8.238	E	10	G		0.4	5	SWITZERLAND. ML 2 6 (LDG).
	26	16 29 05.5*	67.012	N	20.907	E	10	G		0.9	5	SWEDEN. MD 3.5 (BER).
	26	16 42 32.5?	38.27	N	26.90	E	10	G		1.3	9	AEGEAN SEA. MD 3.5 (ISK).
	26	18 09 31.6?	22.86	S	67.20	W	256	?		0.6	8	CHILE-BOLIVIA BORDER REGION
	26	18 35 22.4*	7.792	N	126.943	E	62	*	4.5	1.4	24	MINDANAO, PHILIPPINE ISLANDS
	26	18 40 23.1	41.997	N	23.197	E	10	G		0.9	15	GREECE-BULGARIA BORDER REGION
	26	19 49 22.9	18.365	S	178.564	E	656	D	5.2	0.9	171	FIJI ISLANDS
	26	20 03 10.6?	39.21	N	20.09	E	10	G		0.6	4	GREECE-ALBANIA BORDER REGION
	26	20 35 21.2	7.752	N	126.877	E	59	*	4.8	0.9	21	MINDANAO, PHILIPPINE ISLANDS
	26	21 12 44.1?	37.50	N	20.81	E	10	G		1.8	5	IONIAN SEA. MD 3.4 (ATH).
	26	21 38 41.2	37.455	N	20.691	E	10	G		0.9	13	IONIAN SEA. MD 3.4 (ATH).
	26	21 41 17.2&	34.979	N	116.951	W	0				37	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.0 (PAS), 3.8 (GS). Felt at Barstow.
	26	22 28 16.4*	37.010	N	20.357	E	10	G	3.9	1.1	30	IONIAN SEA. ML 3.7 (TIR).
	26	22 57 13.5	36.620	N	71.388	E	189	*	4.1	1.0	30	AFGHANISTAN-TAJIKISTAN BORD REG.
	26	23 38 24.0*	32.159	S	71.257	W	79	?		1.2	23	NEAR COAST OF CENTRAL CHILE. MD 4.6 (SAN). Felt (IV) at Valparaiso.
	26	23 40 05.2?	40.20	N	20.19	E	10	G		1.0	5	GREECE-ALBANIA BORDER REGION
	26	23 51 00.5?	16.28	S	70.90	W	206	?	4.0	0.9	7	SOUTHERN PERU
	27	00 04 07.3?	19.58	S	170.67	W	33	N	5.3	1.2	9	TONGA ISLANDS REGION
	27	01 22 59.6?	19.04	N	67.25	W	33	N		0.2	7	MONA PASSAGE
	27	01 38 19.1&	59.045	N	152.058	W	55				74	SOUTHERN ALASKA. <AEIC>. ML 3.2 (AEIC).
a	27	01 54 39.1	54.981	N	162.001	E	28	D	5.3 4.8	0.9	229	NEAR EAST COAST OF KAMCHATKA
	27	02 53 34.0	44.544	N	7.310	E	17			0.8	33	NORTHERN ITALY. ML 3.0 (LDG), 2.8 (GEN), 2.5 (STR).
	27	03 18 14.6?	39.68	N	23.84	E	10	G		0.5	5	AEGEAN SEA
	27	03 18 17.2*	42.938	N	13.079	E	10	G		1.1	6	CENTRAL ITALY
	27	03 26 13 3	32.275	S	71.876	W	53	?		1.2	18	NEAR COAST OF CENTRAL CHILE. MD 4.3 (SAN).
	27	03 29 53.4*	32.382	S	71.656	W	58	*		1.5	26	NEAR COAST OF CENTRAL CHILE. MD 4.7 (SAN).
	27	04 07 30.1%	18.399	N	66.815	W	33	N		1.3	7	PUERTO RICO REGION
	27	04 39 29.3	35.639	S	179.596	W	59	?	5.0 4.6	0.8	15	EAST OF NORTH ISLAND, N.Z.
	27	05 15 53.2?	15.86	N	60.80	W	33	N		0.1	6	LEEWARD ISLANDS. ML 3.0 (FDF).
	27	06 07 27.4*	33.934	S	71.339	W	33	N		0.4	9	NEAR COAST OF CENTRAL CHILE. MD 3.3 (SAN).
	27	06 29 16.4?	17.95	S	72.10	W	33	N		0.7	6	NEAR COAST OF PERU
	27	06 35 13.5?	40.56	N	22.24	E	10	G		0.3	4	GREECE
	27	06 37 50.9?	18.20	N	67.50	W	10	G		1.5	6	MONA PASSAGE

	27	07 19 45.3*	1.355	S	98.641	E	33	N	4.6		1.0	14	SOUTHERN SUMATERA, INDONESIA
	27	07 19 51.5*	37.889	N	20.835	E	10	G			1.4	14	IONIAN SEA. MD 3.4 (ATH).
	27	07 46 14.1*	57.763	N	7.232	E	10	G			0.4	8	NORTH SEA. MD 3.0 (BER).
	27	08 22 28.7?	18.95	S	168.43	E	124	*	4.9		1.1	15	VANUATU ISLANDS
	27	08 36 08.6?	55.09	N	161.97	E	10	G	4.2		1.1	5	NEAR EAST COAST OF KAMCHATKA
	27	09 27 34.5%	33.488	S	70.507	W	22	*			0.4	10	CHILE-ARGENTINA BORDER REGION. MD 3.2 (SAN).
	27	09 29 12.8?	39.05	N	27.65	E	10	G			0.8	4	TURKEY. MD 2.9 (ISK).
	27	09 31 57.1	38.371	N	21.806	E	10	G			1.4	12	GREECE. ML 3.3 (ATH).
	27	10 47 31.6*	30.127	N	50.642	E	10	G	4.1		1.3	8	NORTHERN IRAN
	27	11 23 38.2?	39.10	N	27.60	E	10	G			0.2	4	TURKEY. MD 2.9 (ISK).
	27	11 37 49.4*	38.405	N	21.740	E	5	G			1.3	7	GREECE. ML 3.3 (ATH).
	27	12 06 24.3	40.122	N	142.408	E	55		4.3		1.2	28	NEAR EAST COAST OF HONSHU, JAPAN
	27	12 17 05.6	15.912	N	61.279	W	107		4.9		0.7	97	LEEWARD ISLANDS. MD 4.9 (TRN). Felt (IV) on Guadeloupe and (III) on Martinique.
	27	13 10 05.8?	33.49	S	72.19	W	33	N			1.0	8	OFF COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	27	13 11 59.3	43.494	N	0.638	W	10	G			0.7	13	PYRENEES. ML 2.8 (LDG). Felt at Lacq, France.
	27	13 15 22.3*	42.367	N	23.863	E	10	G			1.1	8	BULGARIA
	27	13 43 28.1*	2.598	N	128.868	E	33	N	4.4		0.8	14	HALMAHERA, INDONESIA
a	27	13 50 55.8	2.582	N	128.756	E	22	D	5.5	5.3	1.1	124	HALMAHERA, INDONESIA
	27	14 00 42.9&	63.104	N	149.788	W	93					82	CENTRAL ALASKA. <AEIC>.
	27	14 04 45.5*	2.567	N	128.912	E	33	N	4.4		1.5	16	HALMAHERA, INDONESIA
	27	14 30 59.2?	60.57	N	5.11	E	10	G			0.4	4	SOUTHERN NORWAY. MD 1.7 (BER).
	27	15 22 46.5?	45.67	N	26.47	E	130	G			0.3	5	ROMANIA
	27	15 36 28.0*	37.892	N	20.715	E	10	G			1.2	12	IONIAN SEA. MD 3.6 (ATH).
	27	15 43 12.9?	21.78	S	178.74	W	606	?	4.7		0.9	20	FIJI ISLANDS REGION
	27	15 55 17.3	31.218	S	68.337	W	111	*			1.0	18	SAN JUAN PROVINCE, ARGENTINA. MD 4.1 (SAN).
	27	15 59 12.2	43.185	S	170.799	E	20		4.9		1.3	48	SOUTH ISLAND, NEW ZEALAND. ML 4.7 (WEL).
	27	16 00 04.7*	50.222	N	18.945	E	10	G			1.4	5	POLAND. ML 3.0 (WAR).
	27	16 00 57.4&	34.340	N	116.900	W	2		5.1	4.8		151	SOUTHERN CALIFORNIA. <PAS-P>. ML 5.3 (PAS), 5.6 (BRK). Mo=4.3*10**17 Nm (BRK). Slight damage (VI) at Big Bear City. Felt (V) at Apple Valley, Blue Jay, Fawnskin, Fontona, Gordena, Hesperia, Indio, Lake Elsinore, La Quinto. Lomo Lindo, Oro Grande, Pioneertown, San Bernordino, South Posadena and Yucaipa. Felt in Kern, Los Angeles, Oronge, Riverside, San Bernardina, San Diega and Ventura Counties. Felt as far as Nellis Air Force Base, Nevada.
	27	16 09 09.1	41.978	N	89.283	E	14	D	5.3	4.8	0.9	193	SOUTHERN XINJIANG, CHINA
	27	16 11 11 5&	34.363	N	116.885	W	4					15	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.7 (PAS), 3.6 (GS).
	27	16 11 53.7&	34.364	N	116.884	W	3					7	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.6 (PAS).
	27	16 17 15.5&	34.339	N	116.896	W	3					3	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
	27	16 23 48.0&	34.355	N	116.890	W	4					18	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.6 (PAS), 3.3 (GS).
	27	16 27 50 4&	34.338	N	116.894	W	2					7	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
	27	16 46 43.5&	60.209	N	151.709	W	54					103	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.7 (AEIC). Foreshock.
	27	16 46 50.0&	60.188	N	151.776	W	63					44	KENAI PENINSULA, ALASKA. <AEIC> ML 4.2 (AEIC), 3.9 (PMR). Felt (III) at Kenai.
	27	16 57 22.0?	38.09	N	27.17	E	10	G			1.0	4	TURKEY. MD 3.2 (ISK).
	27	17 12 15.2&	34.357	N	116.890	W	4					8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	27	17 38 45 6&	34.365	N	116.886	W	4					15	SOUTHERN CALIFORNIA. <PAS-P> ML 3.1 (PAS), 2.8 (GS).
	27	18 23 46.5	42.753	N	18.245	E	5	G	3.2		1.0	30	NORTHWESTERN BALKAN REGION. ML 3.2 (TTG), 3.0 (TIR), 2.6 (LJU). Felt at Dubrovnik, Croatia.
	27	18 30 39.0&	34.340	N	116.897	W	2					14	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 3.0 (GS).
	27	18 32 24.9&	34.364	N	116.904	W	1		4.1			43	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.1 (PAS), 4.1 (GS). Felt (IV) at Fawnskin and Highlond, (III) at Indio and (II) at Yucaipo.
	27	18 33 01.7&	34.370	N	116.916	W	0					4	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.7 (PAS).
	27	18 37 49.1&	34.361	N	116.907	W	3					11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.0 (GS).
	27	18 39 18.5&	34.367	N	116.907	W	3					10	SOUTHERN CALIFORNIA <PAS-P>. ML 3.4 (PAS), 3.0 (GS).
	27	18 42 28.7	39.572	S	174.139	E	221	*			0.3	25	NORTH ISLAND, NEW ZEALAND
	27	18 53 51.1	37.759	N	22.286	E	51	*	4.2		1.0	41	SOUTHERN GREECE. MD 3.7 (ATH).
	27	18 55 40 2&	34.346	N	116.894	W	1					10	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	27	19 23 28.2&	34.339	N	116.913	W	0					6	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	27	19 34 37.9&	34.345	N	116.904	W	3					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	27	19 54 46.5	6.387	S	130.057	E	157	*	4.5		1.1	19	BANDA SEA
	27	19 59 36.4%	31.364	S	68.601	W	101	?			0.8	6	SAN JUAN PROVINCE, ARGENTINA
	27	20 00 21 0&	34.353	N	116.899	W	5					9	SOUTHERN CALIFORNIA <PAS-P>. ML 2.9 (PAS).
	27	20 01 57.4	27.635	N	130.191	E	33	N	4.9	4.2	0 9	69	RYUKYU ISLANDS
	27	20 02 58.3	40.389	N	127 630	W	10	G	4.6	4.1	1.0	128	OFF COAST OF NORTHERN CALIFORNIA. ML 4.8 (BRK).
	27	20 15 20.4&	34.345	N	116.903	W	3					18	SOUTHERN CALIFORNIA <PAS-P>. ML 3.6 (PAS), 3.4 (GS).
	27	20 18 38 9%	38.085	N	27.119	E	5	G			1.5	5	TURKEY. MD 3.1 (ISK).
	27	20 41 33.2	15.910	N	61.187	W	103	*			0.4	17	LEEWARD ISLANDS MD 3.4 (TRN), 3.1 (FDF).
	27	20 49 05.6	13.327	S	76.536	W	63	*	4.8		1.0	38	NEAR COAST OF PERU. Felt (III) at Lima.
a	27	21 09 16.6	37.473	N	59.857	E	24	D	5.1	5.1	1.1	169	TURKMENISTAN-IRAN BORDER REGION. Felt (VI) at Ashkhabad, Turkmenistan. Felt at Mashhad, Iran.
	27	21 19 20.0*	2.444	N	128.718	E	79	*	4.8		0.8	20	HALMAHERA, INDONESIA
	27	21 27 18.4*	37.118	N	28.022	E	10	G			1.4	9	TURKEY. MD 3.5 (ISK).
	27	21 29 51.1?	37.04	N	27.53	E	10	G			1.3	6	TURKEY. MD 3.4 (ISK).
	27	21 39 31.1?	51.20	N	15.90	E	5	G			0.1	4	POLAND
	27	21 48 45.0	40.325	S	173.582	E	196	*			0.4	21	COOK STRAIT, NEW ZEALAND
	27	21 50 27 8	2 383	N	128.405	E	33	N	4.8	4.1	1.0	33	HALMAHERA, INDONESIA
	27	22 00 43 3&	34 363	N	116.887	W	0					12	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.8 (GS).
	27	22 09 17 4&	34.367	N	116.915	W	0					13	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.8 (GS).
	27	22 28 32 0*	16.251	S	166.349	E	33	N	4.7		0.7	6	VANUATU ISLANDS
	27	22 38 26.0&	34.349	N	116.886	W	2					18	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.2 (GS).
	27	23 15 45.4&	34.370	N	116.881	W	3					17	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.3 (GS).
	27	23 16 00.0	43 843	N	7.358	E	10	G			0 2	10	NEAR SOUTH COAST OF FRANCE. ML 2.4 (LDG).
	27	23 17 46.2	41.869	S	172.649	E	115	*			0.7	28	SOUTH ISLAND, NEW ZEALAND
	27	23 28 19.2	35 388	N	67.735	E	33	N	4.6		1.2	16	HINDU KUSH REGION, AFGHANISTAN
	27	23 49 07.4?	51.62	N	16.19	E	10	G			0.9	6	POLAND
	28	00 24 29 2&	34 368	N	116.881	W	4					13	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS).
	28	00 46 48.6	36.044	N	139.713	E	64		4.9		1.0	122	EASTERN HONSHU, JAPAN. Felt (III JMA) at Nikko and Utsunomiya; (II JMA) at Tokyo and Yokohama.

	28	01	32	19.2	41.960	N	19.430	E	10	G		0.4	9	ALBANIA. ML 1.8 (TTG).
	28	02	02	26.1	51.330	N	19.331	E	24			0.9	25	POLAND. ML 4.4 (GRF), 3.9 (VIE).
	28	02	31	37.0&	34.357	N	116.887	W	0				13	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
	28	03	01	31.5?	16.90	S	67.38	W	31	?		0.4	5	CENTRAL BOLIVIA
f	28	03	13	33.3	31.330	S	71.992	W	12	G	5.8 6.5	1.0	337	NEAR COAST OF CENTRAL CHILE. Felt (V) at La Ligua, Los Andes, San Felipe, La Serena, Llaillay, Valparaiso and San Antonio; (III) at Santiago and Rancagua; (II) at Copiapo. Felt (IV) at Mendoza, Argentina. Depth from broadband displacement seismograms.
	28	03	46	48.7*	31.425	S	72.427	W	33	N		0.8	16	OFF COAST OF CENTRAL CHILE. MD 4.2 (SAN).
	28	03	57	34.8?	31.81	S	72.07	W	33	N		1.1	11	OFF COAST OF CENTRAL CHILE
	28	04	17	03.5	38.223	S	175.772	E	206	*		0.5	25	NORTH ISLAND, NEW ZEALAND
	28	04	39	31.4%	40.632	N	27.483	E	10	G		0.5	7	TURKEY. MD 2.8 (ISK).
	28	05	41	04.3?	31.78	S	72.09	W	33	N		0.5	11	OFF COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	28	05	47	21.3&	36.024	N	119.959	W	29				6	CENTRAL CALIFORNIA. <GM-P>. MD 2.5 (GM).
	28	06	09	27.7	49.149	N	6.896	E	10	G		0.6	14	GERMANY. ML 2.4 (STR).
	28	06	21	14.8&	35.071	N	116.989	W	3				15	CENTRAL CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 2.9 (GS).
	28	06	32	17.6*	3.103	N	127.259	E	110	*	5.0	1.2	20	TALAUD ISLANDS, INDONESIA
	28	07	47	39.2&	60.207	N	153.409	W	135				57	SOUTHERN ALASKA. <AEIC>.
	28	07	55	59.2*	18.362	S	175.255	W	240	*	4.8	1.2	22	TONGA ISLANDS
	28	08	23	02.2?	31.47	S	70.07	W	33	N		1.4	7	CHILE-ARGENTINA BORDER REGION
	28	09	51	46.6&	60.567	N	147.415	W	18				50	SOUTHERN ALASKA. <AEIC>. ML 2.9 (AEIC).
	28	10	10	16.6%	42.767	N	19.157	E	10	G		0.3	8	NORTHWESTERN BALKAN REGION. ML 1.6 (TTG).
	28	10	16	25.9*	32.818	S	71.579	W	33	N		0.9	12	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
	28	11	04	09.4	18.838	S	169.222	E	216		4.8	1.1	92	VANUATU ISLANDS
	28	11	53	37.4%	38.755	N	30.125	E	10	G		0.8	5	TURKEY. MD 3.0 (ISK).
	28	11	57	55.6*	19.096	S	170.613	E	33	N		0.7	14	VANUATU ISLANDS
	28	12	08	50.6*	26.861	S	26.585	E	5	G		1.1	9	REPUBLIC OF SOUTH AFRICA. mbLg 3.7 (BUL).
	28	12	18	22.6&	34.390	N	116.456	W	6				10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	28	12	33	04.5?	1.58	S	150.29	E	33	N	4.2	1.5	8	NEW IRELAND REGION, P.N.G.
	28	12	34	19.5?	51.32	N	16.09	E	10	G		0.5	4	POLAND
	28	14	17	53.4	43.609	N	8.125	E	10	G		0.8	26	CORSICA. ML 2.4 (LDG), 2.2 (GEN), 1.9 (STR).
	28	14	56	27.6*	2.521	N	128.650	E	68	?	4.4	1.1	16	HALMAHERA, INDONESIA
	28	15	22	41.5*	22.730	S	176.727	W	134	D	5.0	1.1	31	SOUTH OF FIJI ISLANDS
	28	15	28	02.8	41.199	N	21.976	E	10	G		0.5	9	NORTHWESTERN BALKAN REGION. ML 2.0 (SKO).
	28	15	29	48.5&	62.973	N	151.121	W	126				34	CENTRAL ALASKA. <AEIC>.
	28	16	07	44.4?	2.39	N	128.74	E	66	?	4.2	1.8	8	HALMAHERA, INDONESIA
	28	16	11	35.4?	31.82	N	82.63	E	33	N	4.7	1.0	10	XIZANG
	28	16	13	24.2&	59.455	N	152.595	W	74		4.0		103	SOUTHERN ALASKA. <AEIC>. Felt (II) at Homer.
	28	17	20	44.9	23.819	S	70.762	W	25	*	5.0	1.5	56	NEAR COAST OF NORTHERN CHILE. Felt (V) at Antofagasta.
o	28	17	45	40.0	2.615	N	128.770	E	35	D	5.6 5.4	1.0	154	HALMAHERA, INDONESIA
	28	17	56	18.6%	40.309	N	23.270	E	10	G		0.4	5	GREECE
	28	17	59	02.4	2.493	N	128.698	E	65	*	5.0	1.1	63	HALMAHERA, INDONESIA
	28	18	02	59.8%	40.336	N	23.326	E	10	G		0.4	8	GREECE
	28	18	41	35.9	31.441	S	72 308	W	33	N		1.2	25	OFF COAST OF CENTRAL CHILE. MD 4 5 (SAN).
	28	18	46	13.4?	15.16	S	73.32	W	128	*	4.3	0.9	8	SOUTHERN PERU
	28	18	53	49.3*	37.930	N	20.778	E	10	G		0.9	5	IONIAN SEA. MD 3.5 (ATH).
	28	19	02	09.2?	45.99	N	14.63	E	10	G		0.5	4	NORTHWESTERN BALKAN REGION. Felt at Cikava, Slovenia.
	28	19	25	05.0&	34.362	N	116.909	W	2				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.5 (GS).
	28	20	22	04.4*	32.762	S	70.951	W	81	*		0.3	11	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
	28	21	29	13.6&	40.314	N	124.487	W	5				8	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 3.0 (GM).
	28	21	56	06.8?	16.49	S	177.31	W	19	?	4.8 5.2	1.2	22	FIJI ISLANDS REGION
	28	22	33	12.3	37 289	S	176.682	E	290		3.3	0.8	39	NORTH ISLAND, NEW ZEALAND
	28	22	46	51.4&	62.551	N	149.798	W	68				50	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC).
	28	23	39	50.6*	32.017	S	71.846	W	8			0.3	10	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	28	23	53	46.7*	17.213	S	177.005	W	33	N	4.9 5.2	1.0	50	FIJI ISLANDS REGION
	29	00	15	04.9&	34.364	N	116.922	W	0				22	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.4 (GS).
	29	00	21	07.8*	55.855	N	152.987	W	33	N	3.8	1.3	12	SOUTH OF ALASKA
	29	00	37	44.1?	34.02	S	68.22	W	160	G		0.9	10	MENDOZA PROVINCE, ARGENTINA. MD 3.6 (SAN).
	29	02	01	19.5&	60 061	N	140.548	W	12				17	SOUTHEASTERN ALASKA. <AEIC>. ML 2.8 (AEIC).
	29	02	08	36.9*	38.121	N	26.828	E	10	G		1.4	5	AEGEAN SEA MD 3.1 (ISK).
	29	02	56	27.3%	39 587	N	22.154	E	10	G		1.9	7	GREECE
	29	03	04	05 9*	30.164	S	177.502	W	10	G	5.1 4.7	1.2	24	KERMADEC ISLANDS, NEW ZEALAND
	29	03	13	37.1*	44.325	S	167.150	E	26	*	3.7	1.1	26	SOUTH ISLAND, NEW ZEALAND. ML 4.1 (WEL).
	29	03	14	53.4	35 254	N	106.509	E	33	N		0.8	13	GANSU, CHINA. ML 4.0 (BJI).
	29	03	19	37.0?	37.71	N	15.03	E	33	N		1.5	4	SICILY
	29	03	22	27.1%	37 849	N	14 833	E	10	G		1.2	9	SICILY
	29	03	30	38.1%	44.442	N	10.275	E	33	N		0.3	5	NORTHERN ITALY
	29	03	32	46.0%	40.501	N	23.707	E	10	G		0.5	6	GREECE
	29	03	43	36.2	2.380	N	128.521	E	33	N	4.9 3.6	0.8	24	HALMAHERA, INDONESIA
	29	03	50	02.4&	40.309	N	124.466	W	8				4	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 2.8 (GM).
	29	04	12	33.8%	18.406	N	66 801	W	33	N		1.5	7	PUERTO RICO REGION
a	29	04	18	48.9	8.237	N	126.531	E	65		5.2	1.2	130	MINDANAO, PHILIPPINE ISLANDS
	29	05	38	30.9&	60.109	N	140.460	W	0				16	SOUTHEASTERN ALASKA. <AEIC>. ML 2.8 (AEIC).
	29	05	56	54.4&	58.396	N	156.406	W	171				82	ALASKA PENINSULA. <AEIC>.
	29	06	01	09.9	40.852	N	111.682	W	5	G		0.6	11	UTAH ML 2 8 (SLC). Felt along the Wasatch Front.
	29	06	21	30.3	31.102	N	129.290	E	10	G	4.5	1.3	27	KYUSHU, JAPAN
	29	07	02	03.5%	18.383	N	66.847	W	33	N		1.4	6	PUERTO RICO REGION
	29	07	17	14.1*	32.231	S	71.875	W	33	N		0.6	13	NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN).
	29	07	40	05.8*	31.269	S	68.273	W	104	?		0.8	8	SAN JUAN PROVINCE, ARGENTINA
	29	08	23	08.2	39 459	N	27.640	E	10	G		1.1	6	TURKEY. MD 2.9 (ISK).
	29	09	46	31.6%	40.743	N	23.139	E	10	G		0 3	6	GREECE
	29	09	52	20.0?	34.55	S	71.71	W	60	G		0 1	5	NEAR COAST OF CENTRAL CHILE
	29	09	56	42.0	29.961	S	70.837	W	102	*		1 3	26	CENTRAL CHILE. MD 4.6 (SAN).
	29	10	27	10.3	27.462	N	128.740	E	33	N	4.6	0.7	18	RYUKYU ISLANDS
	29	11	02	13.8	45.458	N	151.804	E	47	D	5.0 4.3	0.8	118	KURIL ISLANDS
	29	12	03	25.4%	39.860	N	23.647	E	10	G		0.6	8	AEGEAN SEA
	29	12	14	16.5*	5.442	S	153.721	E	60	?	4 6 3.9	1 3	19	NEW IRELAND REGION, P.N.G.
	29	12	15	36.4*	30 587	N	139.951	E	69	?	4.4	0 9	14	SOUTH OF HONSHU, JAPAN
	29	12	57	04.2%	67.738	N	20 265	E	10	G		0.5	5	SWEDEN. MD 2.9 (BER).
	29	13	07	00.0	38.251	S	175 595	E	236	*		0.5	27	NORTH ISLAND, NEW ZEALAND
	29	13	21	45.7&	34 336	N	116.907	W	3				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2 6 (GS).
	29	13	36	04.4	40.151	S	174.036	E	165	*		0.4	29	COOK STRAIT, NEW ZEALAND

	29	13	36	21.2?	31.40	S	71.96	W	10	G			0.5	9	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
	29	14	21	20.5&	34.370	N	116.880	W	3					29	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.0 (PAS), 4.0 (GS). Felt (V) at Apple Valley; (IV) at Fawnskin; (III) at Highland, La Quinta, Redlands and Yucaipa; (II) at Murrieta.
	29	15	20	28.7*	2.396	N	128.727	E	73	?	4.8		0.8	22	HALMAHERA, INDONESIA
	29	15	50	20.2%	9.967	N	69.999	W	10	G			0.9	8	VENEZUELA. Felt at Tocyuo.
	29	15	57	46.3%	23.940	S	116.358	E	10	G			1.1	8	WESTERN AUSTRALIA
	29	15	57	49.9	6.381	S	128.288	E	328	*	4.8		0.9	25	BANDA SEA
	29	15	59	02.0&	63.650	N	148.249	W	86					63	CENTRAL ALASKA. <AEIC>.
	29	16	00	24.9%	33.143	S	70.280	W	10	G			0.4	9	CHILE-ARGENTINA BORDER REGION. MD 3.9 (SAN).
	29	16	18	05.4*	0.874	N	122.795	E	175	?	4.6		1.0	12	MINAHASSA PENINSULA, SULAWESI
	29	16	23	18.1*	3.960	N	88.139	W	20	D	4.6	3.7	1.2	36	OFF COAST OF CENTRAL AMERICA
	29	16	29	13.3?	14.02	S	118.61	E	10	G	4.3		1.4	11	NORTHWEST OF AUSTRALIA
	29	16	37	07.8&	58.906	N	154.719	W	127					46	ALASKA PENINSULA. <AEIC>.
	29	17	39	42.8	33.089	N	98.085	E	33	N	4.6	4.3	1.5	50	QINGHAI, CHINA
	29	18	16	08.6&	34.035	N	116.959	W	9					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 2.7 (GS).
	29	19	40	34.2&	36.279	N	120.336	W	10					17	CENTRAL CALIFORNIA. <GM-P>. MD 2.9 (GM). ML 3.0 (GS).
	29	19	56	49.0	35.149	N	3.784	W	10	G			0.7	13	STRAIT OF GIBRALTAR. MD 3.7 (RBA). mbLg 3.3 (MDD).
	29	21	02	53.9&	34.146	N	116.878	W	9					12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.1 (GS).
	29	21	13	20.3	50.173	N	4.204	E	8				0.6	25	BELGIUM. ML 2.8 (LDG), 2.5 (BNS).
	29	21	47	57.8&	59.454	N	152.632	W	74					50	SOUTHERN ALASKA. <AEIC>.
	29	21	53	45.3	43.369	N	19.995	E	10	G			0.7	15	NORTHWESTERN BALKAN REGION. ML 2.7 (TTG).
	29	23	00	11.9?	7.10	N	76.30	W	111	?			1.4	10	NORTHERN COLOMBIA
	29	23	23	20.0%	44.355	N	7.271	E	10	G			0.2	5	NORTHERN ITALY. ML 1.6 (GEN).
	29	23	28	15.5	32.758	S	69.104	W	147	*			0.5	17	MENDOZA PROVINCE, ARGENTINA. MD 4.2 (SAN).
	29	23	53	27.7&	34.353	N	116.903	W	4					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 2.7 (GS).
	30	00	05	27.9	43.065	N	4.748	E	10	G			0.7	24	NEAR SOUTH COAST OF FRANCE. ML 3.0 (LDG), 2.5 (STR).
	30	00	11	25.4*	37.969	N	22.011	E	10	G			0.9	22	SOUTHERN GREECE. ML 3.3 (ATH).
	30	00	20	45.0	42.895	N	144.621	E	67		4.9		0.9	121	HOKKAIDO, JAPAN REGION
	30	01	18	13.1	31.397	S	72.285	W	19				1.2	25	OFF COAST OF CENTRAL CHILE. MD 4.5 (SAN).
	30	01	24	04.9*	8.382	S	121.009	E	105	?	4.6		0.6	6	FLORES REGION, INDONESIA
	30	01	27	42.7&	59.495	N	152.904	W	79					54	SOUTHERN ALASKA. <AEIC>.
	30	02	19	09.6*	38.704	N	75.787	E	33	N	4.7		0.7	10	SOUTHERN XINJIANG, CHINA
	30	03	06	06.3&	34.015	N	117.107	W	9					13	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 2.9 (GS).
	30	03	30	15.5*	31.055	N	41.504	W	10	G	4.3	4.0	0.8	11	NORTHERN MID-ATLANTIC RIDGE
	30	03	40	17.9&	60.313	N	153.108	W	143					80	SOUTHERN ALASKA. <AEIC>.
	30	04	49	07.6%	44.037	N	7.106	E	10	G			0.4	5	NORTHERN ITALY. ML 1.0 (STR).
	30	05	01	36.2	3.132	S	75.622	W	128	?	4.4		1.3	25	NORTHERN PERU
	30	07	25	22.6?	54.42	S	158.72	E	10	G	4.9		1.1	6	MACQUARIE ISLANDS REGION
	30	08	30	32.4	16.412	S	28.444	E	10	G	4.3		0.8	14	ZAMBIA. mbLg 4.5 (BUL).
	30	08	33	01.4*	23.251	N	98.199	W	10	G			1.5	11	CENTRAL MEXICO
	30	09	05	51.5*	38.730	N	26.556	E	10	G			1.3	6	AEGEAN SEA. MD 3.4 (ISK).
	30	09	17	13.7*	39.009	N	27.590	E	10	G			0.7	5	TURKEY. MD 2.8 (ISK).
f	30	09	32	37.5	35.692	N	34.584	W	20	D	6.1	5.7	0.8	521	AZORES ISLANDS REGION. Complex event observed on broadband displacement seismograms.
	30	10	15	35.1?	39.04	N	23.37	E	10	G			0.7	4	AEGEAN SEA
	30	10	25	47.9*	20.791	S	66.887	W	212	?			1.4	7	SOUTHERN BOLIVIA
	30	11	02	55.5&	40.311	N	124.463	W	8					4	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 2.5 (GM).
	30	11	42	17.6	46.439	N	14.270	E	10	G			0.8	8	NORTHWESTERN BALKAN REGION. MD 2.7 (LJU), 2.3 (TRI). ML 2.6 (VIE). Felt (III) at Sele Fara, Austria.
	30	12	03	50.2	43.759	N	9.798	E	11				0.5	12	CORSICA
	30	12	13	50.0*	41.310	N	29.100	E	10	G			0.6	6	TURKEY. MD 2.7 (ISK).
	30	12	25	53.6%	40.352	N	27.618	E	10	G			0.5	7	TURKEY. MD 3.0 (ISK).
	30	13	18	47.6&	57.731	N	142.887	W	10	G				18	GULF OF ALASKA. <AEIC>. ML 2.8 (AEIC).
	30	13	20	34.8%	16.431	N	98.459	W	33	N			1.3	5	NEAR COAST OF GUERRERO, MEXICO
	30	13	28	25.0%	18.394	N	66.871	W	33	N			1.5	7	PUERTO RICO REGION
	30	14	15	40.6*	8.748	N	83.403	W	20	*	4.9		1.0	22	COSTA RICA
	30	14	59	27.3	41.442	S	173.134	E	132	*			1.0	38	SOUTH ISLAND, NEW ZEALAND
	30	15	29	38.7&	34.364	N	116.890	W	4					11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 2.9 (GS).
	30	15	31	31.2%	44.534	N	7.404	E	10	G			0.2	8	NORTHERN ITALY. ML 2 0 (GEN).
	30	16	46	07.5?	34.39	N	36.77	E	10	G			0.8	7	JORDAN - SYRIA REGION
	30	17	26	44.5*	17.569	N	97.350	W	123	?			0.7	7	OAXACA, MEXICO
	30	17	42	55.9&	40.275	N	124.663	W	2					19	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.0 (BRK), 3.2 (GS). Felt (III) at Petrolia.
	30	18	13	06.6&	58.099	N	155.813	W	5					19	ALASKA PENINSULA. <AEIC>. ML 2.7 (AEIC).
	30	18	55	53.1?	16.24	N	94.95	W	10	G			1.6	5	OAXACA, MEXICO
	30	19	05	31.4?	38.60	N	26.44	E	10	G			0.7	4	AEGEAN SEA. MD 3.2 (ISK).
	30	19	51	57.8*	38.988	N	29.017	W	10	G			1.2	7	AZORES ISLANDS. MG 4.3 (PDA). Felt (IV) on Foial, (III) on Pico ond (II) on St. George.
	30	20	10	26.7?	31.74	S	67.88	W	10	G			0.1	4	SAN JUAN PROVINCE, ARGENTINA
	30	21	41	39.3*	51.266	N	15.757	E	10	G			1.0	12	POLAND. ML 3.4 (VIE), 3.3 (GRF).
	30	22	42	48.7?	41.82	N	23.18	E	10	G			0.3	4	GREECE-BULGARIA BORDER REGION
	30	23	03	33.2?	37.35	N	1.32	W	10	G			0.6	6	SPAIN. mbLg 2.7 (MDD).
	30	23	29	12.1	17.987	S	178.527	W	517	*	4.6		0.9	39	FIJI ISLANDS REGION
	30	23	50	24.6&	59.322	N	152 592	W	78					54	SOUTHERN ALASKA. <AEIC>.

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 07 24 39.34 5.582S 154.344E 142km
5.2mb (25 obs.)
SOLOMON ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 18C
Centroid Locatian:
Origin Time 07:24:34.4 2.2
Lat 6.35S 0.19 Lan 154.23E 0.09
Dep 132.5 2.9 Half-duratian 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	5.62	83	162
N	0.33	6	300
P	-5.95	5	31

Best Double Cauple:Mo=5.8*10**16

NP1:Strike=127	Dip=40	Slip=	99
NP2:	295	50	83

01 09 36 42.54 28.907S 69.544W 110km
5.6mb (56 abs.)
CHILE-ARGENTINA BORDER REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 29S, 59C
Centroid Locatian:
Origin Time 09:36:50.9 0.3
Lat 29.06S 0.03 Lan 69.51W 0.04
Dep 118.7 2.0 Half-duratian 1.2
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	12.64	29	237
N	3.27	5	144
P	-15.91	60	45

Best Double Couple.Ma=1.4*10**17

NP1:Strike=341	Dip=17	Slip=	-72
NP2:	142	74	-95

01 10 03 16.35 55.633S 27.629W 25km
5.4mb (14 obs.) 5.1Msz (2 obs.)
SOUTH SANDWICH ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 9S, 14C
Centraid Locatian:
Origin Time 10:03:21.0 0.5
Lat 56.51S 0.11 Lon 27.82W 0.21
Dep 15.0 FIX Half-duration 1.2
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	2.11	9	210
N	0.57	22	304
P	-2.68	66	100

Best Double Couple Mo=2.4*10**17

NP1:Strike=276	Dip=41	Slip=	-125
NP2:	139	57	-64

01 17 47 46.78 2.294S 141 391E 29km
5.2mb (47 obs.) 5.1Msz (34 obs.)
NEAR N COAST OF NEW GUINEA, PNG.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 31S, 55C
Centroid Locatian:
Origin Time 17:47:41.0 0.5
Lat 2.74S 0.04 Lon 141.75E 0.05
Dep 15.0 FIX Half-duratian 1.2
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.61	1	168
N	-0.34	23	259
P	-1.27	67	75

Best Double Cauple:Ma=1.4*10**17

NP1:Strike=236	Dip=48	Slip=	-122
NP2:	99	51	-59

01 20 58 02.23 1.808N 127.317E 94km
5.4mb (31 abs.)
HALMAHERA, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 23S, 30C
Centroid Locatian:
Origin Time 20:58: 1.5 1.0
Lat 1.78N 0.07 Lon 127.39E 0.07
Dep 116.0 3.2 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	9.85	29	160
N	-1.34	39	277
P	-8.51	37	45

Best Double Cauple:Mo=9.2*10**16

NP1:Strike=196	Dip=40	Slip=	-173
NP2:	100	85	-51

02 20 36 22.19 30.096S 176.479W 10km
5.1mb (15 obs.) 5.4Msz (11 abs.)
KERMADEC ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 24S, 41C
Centroid Locatian:
Origin Time 20:36:29.7 0.5
Lat 29.93S 0.07 Lan 176.18W 0.05
Dep 15.0 FIX Half-duratian 1.1
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.04	73	326
N	0.28	9	204
P	-1.32	14	112

Best Double Couple:Mo=1.2*10**17

NP1:Strike=189	Dip=32	Slip=	72
NP2:	29	60	101

03 15 41 28.42 23.981S 70.221W 31km
5.2mb (12 obs.) 4.3Msz (7 obs.)
NEAR COAST OF NORTHERN CHILE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 20C
Centraid Locatian:
Origin Time 15:41:34.4 0.6
Lat 23.05S 0.11 Lon 69.85W 0.13
Dep 18.711.9 Half-duration 1.3
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	8.97	37	61
N	-2.51	11	159
P	-6.45	51	263

Best Double Couple:Ma=7.7*10**16

NP1:Strike=104	Dip=13	Slip=	-145
NP2:	340	82	-79

04 01 59 26.90 61.542S 154.573E 10km
5.6mb (22 abs.) 6.2Msz (34 obs.)
BALLENY ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 40S, 99C M.W.: 33S, 70C
Centraid Location:
Origin Time 01:59:34.3 0.1
Lat 61.62S 0.01 Lon 154.41E 0 02
Dep 15.0 FIX Half-duratian 4.0
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	5.29	6	20
N	-0.58	83	169
P	-4.71	3	289

Best Double Couple:Mo=5.0*10**18

NP1:Strike=	64	Dip=83	Slip= 178
NP2:	155	88	7

04 04 53 05.06 35.788S 102.281W 10km
5.0mb (13 abs.) 5.1Msz (15 abs.)
SOUTHERN PACIFIC OCEAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 35S, 75C
Centroid Location:
Origin Time 04:53:10.3 0.2
Lat 36.18S 0.03 Lon 102.06W 0.04
Dep 15.0 FIX Half-durotion 2.0
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	6.85	15	56
N	-0.18	71	197
P	-6.68	11	322

Best Double Couple.Mo=6.8*10**17

NP1:Strike=	98	Dip=71	Slip= 177
NP2:	189	87	19

04 18 13 13.46 14.238S 167 641E 14km
6.1mb (72 obs.) 6.1Msz (64 obs.)
VANUATU ISLANDS
FAULT PLANE SOLUTION: P-Waves

NP1:Strike=165	Dip=48	Slip=	90
NP2:	345	42	90

Principal Axes:

	Plg=	Azm=
T	87	75
P	3	255

Comment: The focal mechanism is paarly contralled and correspands ta reverse faulting. The preferred fault plane is NP2.
RADIATED ENERGY
Na. of sta: 22 Facal mech. M
Energy 6.4±1.1*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 10 Na. of sta: 22
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	3.03	64	164
N	-0.02	23	313
P	-3.01	12	49

Best Double Couple:Ma=3.0*10**18

NP1:Strike=165	Dip=39	Slip=	128
NP2:	300	61	63

CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 42S, **C M.W.: 35S, 62C
Centroid Locatian:
Origin Time 18:13:20.8 0.1
Lat 14.17S 0.01 Lan 167.77E 0.01
Dep 15.0 FIX Half-duration 3.5
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	4.46	75	272
N	0.35	7	157
P	-4.81	14	66

Best Double Couple:Mo=4.6*10**18

NP1:Strike=146	Dip=32	Slip=	77
NP2:	341	59	98

04 21 32 33.99 31 565S 71.565W 19km
5.8mb (63 abs.) 5.9Msz (52 abs.)
NEAR COAST OF CENTRAL CHILE
FAULT PLANE SOLUTION: P-Waves

NP1:Strike=155	Dip=75	Slip=	90
NP2:	335	15	90

Principal Axes:

	Plg=	Azm=
T	60	65
P	30	245

Comment: The facal mechanism is poorly cantrolled and corresponds to reverse faulting. The preferred fault plane is NP2.
RADIATED ENERGY
No. af sta: 19 Focal mech. M
Energy 1.1±0.2*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 31 Na. of sta: 16
Principal Axes:
Scole 10**17 Nm

	Val=	Plg=	Azm=
T	5.08	57	89
N	0.82	19	327
P	-5.90	26	227

Best Double Couple:Mo=5.5*10**17

NP1:Strike=280	Dip=26	Slip=	41
NP2:	153	74	110

CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 42S, **C
Centroid Location:
Origin Time 21:32:41.1 0.2
Lat 31.98S 0.02 Lon 72.21W 0.03
Dep 19.2 1.4 Half-duratian 2.5
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	1.31	73	84
N	-0.02	1	177
P	-1.28	17	268

Best Double Couple:Ma=1.3*10**18

NP1:Strike=	0	Dip=28	Slip= 93
NP2:	177	62	89

05 06 09 40.46 14.242S 167.602E 52km
5.4mb (47 abs.) 5.4Msz (30 obs.)
VANUATU ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 33S, 68C
Centroid Locatian:
Origin Time 06:09:38.4 0.3
Lat 14.35S 0.04 Lon 168.14E 0.03
Dep 15.0 BDY Half-duration 1.3
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.97	82	150

N -0.05 8 334
P -1.92 1 244
Best Double Couple:Mo=2.0*10**17
NP1:Strike=325 Dip=45 Slip= 78
NP2: 162 46 102

05 19 53 22.97 5.263S 152.575E 20km
5.9mb (90 obs.) 6.0Msz (70 obs.)
NEW BRITAIN REGION, P.N.G.
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=155 Dip=52 Slip= 105
NP2: 311 40 72
Principal Axes:
T Plg=77 Azm=118
P 6 234
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: 22 Focal mech. F
Energy 9.4±1.9*10**12 Nm
MOMENT TENSOR SOLUTION
Dep 9 No. of sta: 22
Principal Axes:
Scale 10**18 Nm
T Val= 1.41 Plg=65 Azm=358
N -0.02 20 215
P -1.39 14 120
Best Double Couple:Mo=1.4*10**18
NP1:Strike=185 Dip=36 Slip= 54
NP2: 47 62 113
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 40S, 98C M.W.: 29S, 45C
Centroid Location:
Origin Time 19:53:29 7 0.1
Lat 5.34S 0.01 Lon 152 68E 0.01
Dep 15.0 BDY Half-duration 2.9
Principal Axes:
Scale 10**18 Nm
T Val= 2.45 Plg=55 Azm=336
N -0.82 29 192
P -1.63 17 92
Best Double Couple:Mo=2.0*10**18
NP1:Strike=146 Dip=38 Slip= 37
NP2: 25 68 122

05 22 25 07.69 5.264S 152.569E 39km
5.4mb (46 obs.) 4.7Msz (5 obs.)
NEW BRITAIN REGION, P.N.G.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 22S, 27C
Centroid Location:
Origin Time 22.25.10.9 1.1
Lat 4.92S 0.15 Lon 152.26E 0.11
Dep 15.0 FIX Half-duration 1.2
Principal Axes:
Scale 10**17 Nm
T Val= 1.72 Plg=50 Azm=320
N -0.35 18 208
P -1.38 35 105
Best Double Couple:Mo=1.5*10**17
NP1:Strike=143 Dip=19 Slip= 24
NP2: 31 82 108

06 07 21 57.89 41.051N 72.510E 40km
5.1mb (87 obs.) 4.1Msz (3 obs.)
KYRGYZSTAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 7S, 9C
Centroid Location:
Origin Time 07:21:58.7 1.5
Lat 41.20N 0.24 Lon 72.58E 0.22
Dep 18.7 9.4 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 3.38 Plg=67 Azm= 14
N 0.22 8 124
P -3.61 22 217
Best Double Couple:Mo=3.5*10**16
NP1:Strike=322 Dip=25 Slip= 111
NP2: 120 67 81

06 19 08 09.25 38.160N 26.998E 17km
5.7mb (131 obs.) 6.0Msz (45 obs.)
AEGEAN SEA
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=135 Dip=80 Slip= 0
NP2: 225 90 190
Principal Axes:
T Plg= 7 Azm=360
P 7 90
Comment: The focal mechanism is moderately well controlled and corresponds to strike-slip faulting with a small reverse component. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 7 Focal mech. F
Energy 1.3±0.2*10**14 Nm
MOMENT TENSOR SOLUTION
Dep 35 No. of sta: 8
Principal Axes:
Scale 10**18 Nm
T Val= 1.52 Plg= 4 Azm= 11
N 0.14 86 185
P -1.66 0 281
Best Double Couple:Mo=1.6*10**18
NP1:Strike= 56 Dip=87 Slip= 178
NP2: 146 88 3
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 40S, 97C M.W.: 28S, 48C
Centroid Location:
Origin Time 19:08:13.2 0.2
Lat 37.84N 0.01 Lon 26.98E 0.02
Dep 24.5 1.1 Half-duration 2.9
Principal Axes:
Scale 10**18 Nm
T Val= 1.61 Plg= 6 Azm= 12
N -0.41 76 258
P -1.20 13 104
Best Double Couple:Mo=1.4*10**18
NP1:Strike=147 Dip=77 Slip= -5
NP2: 238 85 -167

08 02 37 41.84 55.898S 26.604W 33km
5.0mb (5 obs.)
SOUTH SANDWICH ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 7S, 11C
Centroid Location:
Origin Time 02:37:48.0 1 8
Lat 56.01S 0.18 Lon 26.29W 0.21
Dep 35.610.6 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 5.49 Plg=70 Azm=233
N -0.20 6 128
P -5.30 19 36
Best Double Couple:Mo=5.4*10**16
NP1:Strike=116 Dip=27 Slip= 78
NP2: 310 64 96

08 03 43 20.48 15.727S 179.703W 10km
5.7mb (76 obs.) 6.5Msz (69 obs.)
FIJI ISLANDS REGION
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 63 Dip=80 Slip= 0
NP2: 153 90 190
Principal Axes:
T Plg= 7 Azm=288
P 7 18
Comment: The focal mechanism is moderately well controlled and corresponds to strike-slip faulting with a small reverse component. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 17 Focal mech. F
Energy 1.5±0.3*10**15 Nm
MOMENT TENSOR SOLUTION
Dep 20 No. of sta: 24
Principal Axes:
Scale 10**18 Nm
T Val= 8 25 Plg=10 Azm=297
N 0.02 77 154
P -8.27 8 28
Best Double Couple:Mo=8.3*10**18
NP1:Strike= 73 Dip=77 Slip= 2
NP2: 342 88 167
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 43S, **C M.W.: 39S, 96C
Centroid Location:
Origin Time 03:43:30.6 0.1
Lat 15.50S 0.01 Lon 179.54W 0.01
Dep 15.0 FIX Half-duration 5.0
Principal Axes:
Scale 10**19 Nm
T Val= 1.15 Plg=14 Azm=103
N 0.06 69 232
P -1.21 16 10
Best Double Couple:Mo=1.2*10**19
NP1:Strike=147 Dip=69 Slip=-178
NP2: 56 88 -21

08 10 22 52.95 23.626S 70.380W 33km
5.4mb (53 obs.) 5.0Msz (21 obs.)
NEAR COAST OF NORTHERN CHILE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 31S, 52C
Centroid Location:
Origin Time 10:23: 2.2 0.3
Lat 23.32S 0.06 Lon 70.95W 0.06
Dep 15.0 FIX Half-duration 1.6
Principal Axes:
Scale 10**17 Nm
T Val= 3.10 Plg=53 Azm= 67
N -0.18 6 166
P -2.92 36 260
Best Double Couple:Mo=3.0*10**17
NP1:Strike= 21 Dip=11 Slip= 126
NP2: 165 81 84

08 18 18 58.96 33.559N 141.926E 48km
5.5mb (123 obs.) 5.0Msz (18 obs.)
OFF EAST COAST OF HONSHU, JAPAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 22S, 30C
Centroid Location:
Origin Time 18:19: 1.3 0.6
Lat 33.70N 0.09 Lon 141.81E 0.07
Dep 24.1 3.5 Half-duration 1.1
Principal Axes:
Scale 10**16 Nm
T Val= 12.06 Plg=20 Azm= 94
N -0.97 6 2
P -11.10 69 257
Best Double Couple:Mo=1.2*10**17
NP1:Strike=194 Dip=26 Slip= -77
NP2: 0 65 -96

08 19 28 50 03 8.861S 119.282E 115km
5.4mb (55 obs.)
FLORES REGION, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L P.B.: 22S, 32C
Centroid Location:
Origin Time 19:28:52.2 1.0
Lat 8.78S 0.08 Lon 119.59E 0.10
Dep 120.6 4.0 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 9.48 Plg=38 Azm=320
N -0.14 34 82
P -9.34 34 199
Best Double Couple:Mo=9.4*10**16
NP1:Strike=347 Dip=34 Slip= 175
NP2: 80 87 56

09 01 27 13.84 21.051S 174.140W 33km
5.1mb (29 obs.) 4.8Msz (2 obs.)
TONGA ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 22S, 34C
Centroid Location:
Origin Time 01:27:15.5 0.9
Lat 21.14S 0.12 Lon 173.31W 0.09
Dep 15.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 6.84 Plg=61 Azm= 37
N -0.13 29 220
P -6.71 1 129
Best Double Couple:Mo=6.8*10**16
NP1:Strike=193 Dip=51 Slip= 51
NP2: 65 53 127

09 11 51 59.64 2.388S 141.351E 31km
4.9mb (22 obs.) 4.5Msz (3 obs.)
NEAR N COAST OF NEW GUINEA, PNG.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 27S, 40C
Centroid Location:

Origin Time 11:51:59.2 0.9
Lat 2.58S 0.07 Lon 141.50E 0.08
Dep 15.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 7.10 Plg=13 Azm=357
N -1.21 6 89
P -5.89 76 203
Best Double Couple:Mo=6.5*10**16
NP1:Strike= 79 Dip=33 Slip=-101
NP2: 272 58 -83

10 08 13 32.61 55.866S 26.979W 33km
5.4mb (14 obs.) 5.1Msz (19 obs.)
SOUTH SANDWICH ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 26S, 46C
Centroid Location:
Origin Time 08:13:35.2 0.4
Lat 56.03S 0.04 Lon 26.79W 0.06
Dep 28.9 2.5 Half-duration 1.3
Principal Axes:
Scale 10**17 Nm
T Val= 1.93 Plg=63 Azm=289
N -0.01 20 154
P -1.92 17 58
Best Double Couple:Mo=1.9*10**17
NP1:Strike=120 Dip=33 Slip= 51
NP2: 344 65 112

10 09 58 10.82 51.492N 177.611W 33km
5.8mb (140 obs.) 5.3Msz (56 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS.
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 75 Dip=80 Slip= 90
NP2: 255 10 90
Principal Axes:
T Plg=55 Azm=345
P 35 165
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
RADIATED ENERGY
No. of sta: 15 Focal mech. F
Energy 1.2±0.3*10**13 Nm
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 34S, 77C
Centroid Location:
Origin Time 09.58:14.2 0.2
Lat 51.34N 0.02 Lon 177.37W 0.03
Dep 35.0 BDY Half-duration 1.7
Principal Axes:
Scale 10**17 Nm
T Val= 4.06 Plg=67 Azm=312
N 0.19 6 57
P -4.25 22 150
Best Double Couple.Mo=4.2*10**17
NP1:Strike=252 Dip=23 Slip= 106
NP2: 54 68 83

10 10 30 53.54 7.204S 129.178E 171km
5.4mb (44 obs.)
BANDA SEA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 19S, 30C
Centroid Location:
Origin Time 10:30:55.3 1.6
Lat 7.27S 0.12 Lon 129.07E 0.10
Dep 168.4 1.8 Half-duration 1.2
Principal Axes:
Scale 10**17 Nm
T Val= 1.53 Plg=74 Azm=212
N -0.59 1 305
P -0.94 16 36
Best Double Couple.Mo=1.2*10**17
NP1:Strike=127 Dip=29 Slip= 92
NP2: 305 61 89

10 21 08 56.44 53.884N 160.688E 54km
5.6mb (123 obs.) 5.3Msz (39 obs.)
NEAR EAST COAST OF KAMCHATKA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 38S, 85C
Centroid Location:
Origin Time 21:09: 1.6 0.2
Lat 53.62N 0.02 Lon 161.26E 0.02
Dep 45.8 1.4 Half-duration 1.9
Principal Axes:
Scale 10**17 Nm
T Val= 4.94 Plg=73 Azm=351
N 0.51 12 216
P -5.46 12 123
Best Double Couple:Mo=5.2*10**17
NP1:Strike=197 Dip=35 Slip= 68
NP2: 44 58 105

10 22 58 54.47 23.734N 143.183E 20km
5.2mb (55 obs.) 4.8Msz (22 obs.)
VOLCANO ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 10S, 17C
Centroid Location:
Origin Time 22:58:50.7 1.6
Lat 23.71N FIX;Lon 143.16E FIX
Dep 15.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**17 Nm
T Val= 1.21 Plg=35 Azm=178
N 0.44 3 86
P -1.64 54 352
Best Double Couple:Mo=1.4*10**17
NP1:Strike=283 Dip=10 Slip= -72
NP2: 85 80 -93

11 00 18 49.37 2.925S 141.560E 34km
5.6mb (69 obs.) 5.6Msz (45 obs.)
NEAR N COAST OF NEW GUINEA, PNG.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 33S, 76C
Centroid Location:
Origin Time 00:18:47.1 0.2
Lat 3.17S 0.02 Lon 141.92E 0.02
Dep 15.0 FIX Half-durotion 1.9
Principal Axes:
Scale 10**17 Nm
T Val= 5.87 Plg=18 Azm=336
N -0.11 42 229
P -5.77 43 84
Best Double Couple:Mo=5.8*10**17
NP1:Strike=110 Dip=46 Slip= -22
NP2: 215 75 -133

11 12 08 50.65 29.235S 178.435W 271km
4.9mb (13 obs.)
KERMADEC ISLANDS, NEW ZEALAND
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 20S, 26C
Centroid Location:
Origin Time 12:08:54.5 1.0
Lat 28.50S 0.11 Lon 178.41W 0.10
Dep 275.1 3.9 Half-durotion 1.1
Principal Axes:
Scale 10**16 Nm
T Val= 7.48 Plg=17 Azm=114
N 1.47 39 219
P -8 96 45 6
Best Double Couple:Mo=8.2*10**16
NP1:Strike=162 Dip=44 Slip=-155
NP2: 54 73 -48

11 21 26 14.09 51.203N 179 238W 33km
5.8mb (159 obs.) 5.9Msz (66 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 40S, 92C
Centroid Location:
Origin Time 21:26:15.4 0.2
Lat 50.97N 0.02 Lon 178.94W 0.03
Dep 16.0 BDY Half-duration 3.0
Principal Axes:
Scale 10**18 Nm
T Val= 2 03 Plg=59 Azm=314
N 0.01 8 58
P -2.04 30 153
Best Double Couple:Mo=2.0*10**18
NP1:Strike=267 Dip=17 Slip= 120
NP2: 56 75 81

12 15 00 38.79 53.767S 51.727W 10km
5.7mb (22 obs.) 5.9Msz (22 obs.)
SOUTH ATLANTIC OCEAN
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=157 Dip=90 Slip=-172
NP2: 67 82 -360
Principal Axes:
T Plg= 6 Azm=292
P 6 22
Comment: The focal mechanism is poorly controlled and corresponds to strike-slip faulting with a small normal component. The preferred fault plane is not determined.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 33S, 82C
Centroid Location:
Origin Time 15:00:47.2 0.2
Lat 53.69S 0.02 Lon 51.61W 0.03
Dep 15.0 FIX Half-duration 2.3
Principal Axes:
Scale 10**17 Nm
T Val= 10.06 Plg= 0 Azm=109
N -1.31 90 180
P -8.76 0 19
Best Double Couple:Mo=9.4*10**17
NP1:Strike=154 Dip=90 Slip=-180
NP2: 244 90 0

12 20 41 04.69 36.446N 70.852E 198km
5.7mb (145 obs.)
HINDU KUSH REGION, AFGHANISTAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 33S, 49C
Centroid Location:
Origin Time 20:41: 8.0 0.4
Lat 36.57N 0.05 Lon 70.78E 0.03
Dep 187.8 1.2 Half-duration 1.5
Principal Axes:
Scale 10**17 Nm
T Val= 3.07 Plg=54 Azm=281
N 0.22 18 38
P -3.29 29 139
Best Double Couple.Mo=3.2*10**17
NP1:Strike=269 Dip=23 Slip= 144
NP2: 33 77 71

12 22 28 57.54 22.401S 178.104W 360km
5.9mb (90 obs.)
SOUTH OF FIJI ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 30 Dip=80 Slip= -90
NP2: 210 10 -90
Principal Axes:
T Plg=35 Azm=120
P 55 300
Comment: The focal mechanism is poorly controlled and corresponds to normal faulting. The preferred fault plane is NP1.
RADIATED ENERGY
No. of sta: 8 Focal mech. F
Energy 3.0±1.0*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 357 No. of sta: 22
Principal Axes:
Scale 10**18 Nm
T Val= 2.60 Plg=28 Azm=110
N 0.30 1 201
P -2.90 62 292
Best Double Couple:Mo=2.8*10**18
NP1:Strike=199 Dip=17 Slip= -92
NP2: 21 73 -89
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 39S, **C
Centroid Location:
Origin Time 22:29: 4.6 0.2
Lat 22.32S 0.02 Lon 177.72W 0.01
Dep 378.5 0.7 Half-duration 3.0
Principal Axes:
Scale 10**18 Nm
T Val= 2.15 Plg=31 Azm=121
N 0.27 0 211
P -2.43 59 302
Best Double Couple:Mo=2.3*10**18
NP1:Strike=211 Dip=14 Slip= -91
NP2: 31 76 -90

14 05 54 48.23 22.991S 45.847E 23km
5.1mb (39 obs.) 4.8Msz (17 obs.)
MADAGASCAR
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 8S, 10C
Centroid Location:
Origin Time 05:54:54.8 0.9

Lat 23.01S 0.39 Lon 45.54E 0.24
Dep 15.0 FIX Half-duration 1.1
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	4.22	0	260
N	-0.54	0	170
P	-3.69	90	180

Best Double Couple:Mo=4.0*10**16
NP1:Strike=350 Dip=45 Slip= -90
NP2: 170 45 -90

17 02 38 50.10 33.782N 67.574E 33km
5.2mb (56 obs.) 4.5Msz (3 obs.)
AFGHANISTAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 18S, 28C
Centroid Location:
Origin Time 02:38:49.1 0.7
Lat 33.15N 0.10 Lon 67.18E 0.06
Dep 33.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	4.69	14	108
N	0.94	13	202
P	-5.64	71	333

Best Double Couple:Mo=5.2*10**16
NP1:Strike=181 Dip=33 Slip=-114
NP2: 29 60 -75

17 04 24 16.46 30.588S 71.172W 54km
5.7mb (55 obs.)
NEAR COAST OF CENTRAL CHILE
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=160 Dip=78 Slip= 70
NP2: 40 23 148
Principal Axes:

	Plg=	Azm=
T	53	46
P	30	266

Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting with a moderate right-lateral strike-slip component. The preferred fault plane is NP2.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 30S, 43C
Centroid Location:
Origin Time 04:24:23.7 0.3
Lat 30.85S 0.05 Lon 71.63W 0.04
Dep 54.7 2.3 Half-duration 1.1
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	10.77	73	47
N	0.33	8	166
P	-11.10	14	258

Best Double Couple:Mo=1.1*10**17
NP1:Strike= 0 Dip=32 Slip= 106
NP2: 161 60 80

17 06 46 39.92 5.822S 130.616E 33km
5.9mb (84 obs.)
BANDA SEA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 38S, 77C
Centroid Location:
Origin Time 06:46:50.1 0.3
Lat 5.68S 0.02 Lon 130.72E 0.02
Dep 92.4 1.2 Half-duration 1.8
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	6.24	44	266
N	0.34	46	79
P	-6.58	3	173

Best Double Couple:Mo=6.4*10**17
NP1:Strike=300 Dip=58 Slip= 148
NP2: 48 63 36

17 21 42 21.35 26.466N 126.559E 106km
5.0mb (47 obs.)
RYUKYU ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 7S, 7C
Centroid Location:
Origin Time 21:42:28.7 3.0
Lat 27.17N 0 22 Lon 126.49E 0.24
Dep 87 512.6 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	4.41	29	74
N	2.05	46	198
P	-6.46	31	326

Best Double Couple:Mo=5.4*10**16
NP1:Strike=111 Dip=46 Slip=-178
NP2: 20 89 -44

18 04 04 31.81 16.052S 173.819W 86km
5.3mb (40 obs.)
TONGA ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 30S, 49C
Centroid Location:
Origin Time 04:04:37.5 0.3
Lat 15.96S 0.03 Lon 173.43W 0.03
Dep 89.6 2.3 Half-duration 1.4
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.89	46	133
N	0.21	11	32
P	-2.11	42	292

Best Double Couple:Mo=2.0*10**17
NP1:Strike=311 Dip=11 Slip= 9
NP2: 212 88 101

18 16 02 08.25 6.957S 129.958E 123km
5.1mb (41 obs.)
BANDA SEA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 28S, 37C
Centroid Location:
Origin Time 16:02:14.5 0.5
Lat 6.78S 0.04 Lon 130.26E 0 04
Dep 138.2 1.3 Half-duration 1.1
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	9.20	71	303
N	1.29	19	130
P	-10.49	2	40

Best Double Couple:Mo=9.8*10**16
NP1:Strike=111 Dip=46 Slip= 63
NP2: 327 50 115

18 16 36 45.19 16.771S 167.103E 22km
5.2mb (31 obs.) 5.3Msz (14 obs.)
VANUATU ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 33S, 68C
Centroid Location:
Origin Time 16:36:51.8 0.3
Lat 16.47S 0.04 Lon 167.04E 0.02
Dep 25.5 1.9 Half-duration 1.8
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	5.02	16	126
N	-1.67	71	275
P	-3.35	9	33

Best Double Couple:Mo=4.2*10**17
NP1:Strike=169 Dip=72 Slip= 175
NP2: 261 85 18

18 21 10 41.49 38.307N 22.452E 15km
5.9mb (136 obs.) 5.7Msz (38 obs.)
GREECE
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 32 Dip=90 Slip=-168
NP2: 302 78 -360
Principal Axes:

	Plg=	Azm=
T	8	166
P	8	258

Comment: The focal mechanism is moderately well controlled and corresponds to strike-slip faulting with a small reverse component. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 19 Focal mech. F
Energy 1.9±0.4*10**14 Nm
MOMENT TENSOR SOLUTION
Dep 29 No. of sta: 20
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	9.63	15	37
N	-0.87	21	301
P	-8.76	64	159

Best Double Couple.Mo=9.2*10**17
NP1:Strike=155 Dip=36 Slip= -51
NP2: 290 63 -114
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 35S, 72C
Centroid Location:
Origin Time 21:10:48.8 0.2
Lat 38.09N 0.02 Lon 22.60E 0.03
Dep 15.0 BDY Half-duration 2.3
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	8.83	2	182
N	-0.66	6	272
P	-8.17	83	71

Best Double Couple:Mo=8.5*10**17
NP1:Strike=265 Dip=43 Slip= -99
NP2: 98 48 -81

19 00 49 27.00 31.146N 131.445E 36km
5.0mb (63 obs.) 5.3Msz (10 obs.)
KYUSHU, JAPAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 19S, 32C
Centroid Location:
Origin Time 00:49:30.4 0.7
Lat 30.92N 0.08 Lon 131.80E 0.05
Dep 38.7 3.1 Half-duration 1.1
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	13.82	59	357
N	-0.34	22	226
P	-13.49	21	127

Best Double Couple:Mo=1.4*10**17
NP1:Strike=183 Dip=31 Slip= 43
NP2: 54 70 113

19 12 37 49.10 13.408S 166.723E 24km
5 3mb (21 obs.) 4.9Msz (6 obs.)
VANUATU ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 31S, 55C
Centroid Location:
Origin Time 12:37:57.7 0.5
Lat 13.15S 0 06 Lon 166.40E 0.04
Dep 21.0 1.8 Half-duration 1.2
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.34	78	11
N	0.02	12	174
P	-1.35	4	265

Best Double Couple:Mo=1.4*10**17
NP1:Strike= 7 Dip=43 Slip= 107
NP2: 164 50 75

20 01 45 22.63 23.126S 66.282W 253km
5.1mb (30 obs.)
JUJUY PROVINCE, ARGENTINA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 21S, 27C
Centroid Location:
Origin Time 01:45:28.2 0.5
Lat 22.72S 0.05 Lon 66.19W 0.07
Dep 255.5 2.6 Half-duration 1.1
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	10.52	36	72
N	0.45	7	337
P	-10.98	53	237

Best Double Couple:Mo=1.1*10**17
NP1:Strike=196 Dip=12 Slip= -50
NP2: 336 81 -98

20 03 46 14.99 31.082S 13.548W 10km
5.1mb (7 obs.) 4.9Msz (3 obs.)
SOUTHERN MID-ATLANTIC RIDGE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 17S, 25C
Centroid Location:
Origin Time 03:46:22.6 1.0
Lat 31.29S 0.16 Lon 13.55W 0.07
Dep 15.0 FIX Half-duration 1.2
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	6.62	4	64
N	1.27	30	332
P	-7.88	59	160

Best Double Couple:Mo=7.2*10**16
NP1:Strike=182 Dip=49 Slip= -48
NP2: 308 56 -128

21 03 04 08.05 8.643S 110.423E 48km
5.3mb (39 obs.) 4 8Msz (16 obs.)

JAWA, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 28S, 50C
Centraid Lacatian:
Origin Time 03:04:14.1 0.3
Lat 9.28S 0.03 Lan 110.29E 0.04
Dep 35.4 2.4 Half-duratian 1.4
Principal Axes:
Scale 10**17 Nm
T Val= 1.60 Plg=58 Azm=335
N 0.96 19 97
P -2.56 25 196
Best Double Cauple:Ma=2.1*10**17
NP1:Strike=321 Dip=26 Slip= 137
NP2: 91 73 71

21 05 07 21.74 35.916N 22.491E 65km
5.9mb (143 abs.)
CENTRAL MEDITERRANEAN SEA
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 85 Dip=80 Slip= 135
NP2: 185 46 14
Principal Axes:
T Plg=38 Azm= 34
P 22 142
Comment: The facal mechanism is moderately well cantralled and carresponds ta strike-slip faulting with a large reverse campanent. The preferred fault plane is nat determined.
RADIATED ENERGY
No. af sta: 21 Facal mech. F
Energy 2.3±0.4*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 49 No. af sta: 17
Principal Axes:
Scale 10**17 Nm
T Val= 5.28 Plg=43 Azm= 48
N 3.19 43 256
P -8.47 14 152
Best Double Cauple:Ma=6.9*10**17
NP1:Strike=201 Dip=49 Slip= 24
NP2: 94 72 136
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 33S, 80C
Centraid Lacatian:
Origin Time 05:07:25.5 0.2
Lat 35.72N 0.02 Lan 22.80E 0.02
Dep 70.4 1.6 Half-duratian 2.2
Principal Axes:
Scale 10**17 Nm
T Val= 8.76 Plg=37 Azm= 48
N -0.39 48 262
P -8.37 18 151
Best Double Cauple:Ma=8.6*10**17
NP1:Strike=196 Dip=50 Slip= 16
NP2: 96 78 139

21 08 21 42.09 52.293N 168.651W 33km
5.0mb (52 abs.) 4.6Msz (6 abs.)
FOX ISLANDS, ALEUTIAN ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 8S, 8C
Centraid Lacatian:
Origin Time 08:21:43.2 1.7
Lat 51.79N 0.17 Lan 167.74W 0.43
Dep 15.0 FIX Half-duratian 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 5.27 Plg=65 Azm= 47
N -1.10 4 307
P -4.17 24 215
Best Double Cauple:Ma=4.7*10**16
NP1:Strike=295 Dip=21 Slip= 77
NP2: 129 70 95

21 18 27 32.78 16.325S 175.932W 380km
5.0mb (41 abs.)
TONGA ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 24S, 46C
Centraid Lacatian:
Origin Time 18:27:40.5 0.8
Lat 15.79S 0.07 Lan 175.97W 0.06
Dep 378.3 1.6 Half-duratian 1.4
Principal Axes:
Scale 10**17 Nm
T Val= 2.30 Plg= 6 Azm=151
N -0.26 64 50
P -2.03 25 244
Best Double Cauple:Ma=2.2*10**17
NP1:Strike=284 Dip=68 Slip= -15
NP2: 20 76 -158

21 22 39 32.92 56.665S 26.405W 20km
5.9mb (19 abs.) 6.6Msz (60 abs.)
SOUTH SANDWICH ISLANDS REGION
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=165 Dip=67 Slip= 90
NP2: 345 23 90
Principal Axes:
T Plg=68 Azm= 75
P 22 255
Comment: The facal mechanism is paarly cantralled and carresponds ta reverse faulting. The preferred fault plane is NP2.
MOMENT TENSOR SOLUTION
Dep 33 No. af sta: 4
Principal Axes:
Scale 10**18 Nm
T Val= 6.64 Plg=71 Azm=122
N -0.05 17 332
P -6.58 9 239
Best Double Cauple:Ma=6.6*10**18
NP1:Strike=310 Dip=39 Slip= 63
NP2: 163 56 110
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 38S, 96C M.W.: 26S, 60C
Centraid Lacatian:
Origin Time 22:39:42.1 0.1
Lat 56.42S 0.01 Lan 25.35W 0.01
Dep 15.0 FIX Half-duratian 5.3
Principal Axes:
Scale 10**18 Nm
T Val= 7.67 Plg=71 Azm=230
N 0.53 5 336
P -8.20 18 68
Best Double Cauple:Ma=7.9*10**18
NP1:Strike=167 Dip=28 Slip= 102
NP2: 334 63 84

22 11 42 46.40 20.365N 94.340E 68km
5.3mb (119 abs.)
MYANMAR
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 23C
Centraid Lacatian:
Origin Time 11:42:48.2 0.7
Lat 20.43N 0.07 Lan 94.51E 0.05
Dep 71.4 5.5 Half-duratian 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 7.36 Plg=23 Azm= 63
N 0.48 21 324
P -7.85 58 197
Best Double Cauple:Ma=7.6*10**16
NP1:Strike=187 Dip=29 Slip= -43
NP2: 317 71 -112

22 15 15 58.68 56.340S 25.490W 33km
4.6mb (5 abs.) 5.5Msz (1 abs.)
SOUTH SANDWICH ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 20C
Centraid Lacatian:
Origin Time 15:16: 5.2 0.9
Lat 56.65S 0.12 Lan 25.17W 0.14
Dep 15.0 FIX Half-duratian 1.3
Principal Axes:
Scale 10**17 Nm
T Val= 2.82 Plg=59 Azm=243
N -0.06 1 152
P -2.76 31 61
Best Double Cauple:Ma=2.8*10**17
NP1:Strike=150 Dip=14 Slip= 88
NP2: 332 76 91

22 17 35 20.39 19.578S 173.772W 21km
5.5mb (50 abs.) 5.4Msz (48 abs.)
TONGA ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 32S, 70C
Centroid Location:
Origin Time 17:35:29.0 0.2
Lat 19.29S 0.03 Lan 173 13W 0.02
Dep 15.0 FIX Half-duration 1.9
Principal Axes:
Scale 10**17 Nm
T Val= 5.51 Plg=68 Azm=313
N 0.41 10 197
P -5.92 19 103
Best Double Cauple:Ma=5.7*10**17
NP1:Strike=176 Dip=27 Slip= 67
NP2: 21 65 101

23 06 31 14.98 18.743N 67.168W 31km
4.9mb (47 abs.) 4.7Msz (24 abs.)
MONA PASSAGE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 14S, 21C
Centraid Lacatian:
Origin Time 06:31:13.3 1.1
Lat 18.51N 0.12 Lan 66.96W 0.08
Dep 15.0 FIX Half-duratian 1.4
Principal Axes:
Scale 10**17 Nm
T Val= 1.09 Plg= 4 Azm=116
N 0.07 17 24
P -1.15 72 220
Best Double Cauple:Ma=1.1*10**17
NP1:Strike=224 Dip=43 Slip= -64
NP2: 10 52 -112

23 23 11 06.76 38.620N 72.635E 41km
5.6mb (151 abs.) 5.0Msz (13 abs.)
TAJIKISTAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 26S, 51C
Centraid Lacatian:
Origin Time 23:11: 7.9 0.4
Lat 38.70N 0.06 Lan 72.38E 0.04
Dep 43.6 3.4 Half-duratian 1.6
Principal Axes:
Scale 10**17 Nm
T Val= 3.45 Plg=17 Azm= 92
N -0.69 21 355
P -2.76 62 218
Best Double Cauple:Ma=3.1*10**17
NP1:Strike=211 Dip=33 Slip= -49
NP2: 345 65 -113

24 00 53 45.34 51.175N 179.117E 33km
5.6mb (137 abs.) 5.3Msz (58 abs.)
RAT ISLANDS, ALEUTIAN ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 38S, 75C
Centraid Lacatian:
Origin Time 00:53:46.2 0.2
Lat 51.03N 0.02 Lan 179.39E 0.04
Dep 19.0 8DY Half-duratian 2.0
Principal Axes:
Scale 10**17 Nm
T Val= 5.71 Plg=64 Azm=343
N 0.22 1 75
P -5.93 26 166
Best Double Cauple:Ma=5.8*10**17
NP1:Strike=258 Dip=19 Slip= 93
NP2: 75 71 89

24 12 03 35.88 1.355N 101.323W 10km
5.2mb (28 abs.) 5.4Msz (24 abs.)
EAST CENTRAL PACIFIC OCEAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 33S, 76C
Centraid Lacatian:
Origin Time 12:03:39.0 0.3
Lat 1.52N 0.03 Lan 101.26W 0.03
Dep 15.0 FIX Half-duratian 1.9
Principal Axes:
Scale 10**17 Nm
T Val= 4.90 Plg=12 Azm=139
N -1.60 72 11
P -3.31 14 232
Best Double Cauple:Ma=4.1*10**17
NP1:Strike=275 Dip=72 Slip= -2
NP2: 5 88 -162

24 23 43 03.29 0.085S 122.828E 200km
5.5mb (83 abs.)
MINAHASSA PENINSULA, SULAWESI
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 33S, 74C
Centraid Lacatian:

Origin Time 23:43: 6.7 0.3
Lat 0.15N 0.03 Lon 123.04E 0.03
Dep 174.7 0.6 Half-duration 2.3
Principal Axes:
Scale 10**17 Nm
T Val= 10.10 Plg=68 Azm=290
N -4.37 21 124
P -5.73 5 32
Best Double Couple:Mo=7.9*10**17
NP1:Strike=101 Dip=44 Slip= 59
NP2: 321 53 117

'5 06 02 25.32 4.069S 102.160E 58km
5.9mb (120 obs.)
SOUTHERN SUMATERA, INDONESIA
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=108 Dip=62 Slip= 70
NP2: 326 34 123
Principal Axes:
T Plg=67 Azm=340
P 15 212
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting with a moderate right-lateral strike-slip component. The preferred fault plane is NP2.
RADIATED ENERGY
No. of sta: 6 Focal mech. F
Energy 9.4±3.5*10**12 Nm
MOMENT TENSOR SOLUTION
Dep 61 No. of sta: 10
Principal Axes:
Scale 10**17 Nm
T Val= 3.27 Plg=72 Azm=294
N 0.21 11 61
P -3.49 14 154
Best Double Couple:Mo=3.4*10**17
NP1:Strike=258 Dip=33 Slip= 110
NP2: 55 60 77
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 21S, 34C
Centroid Location:
Origin Time 06:02:35.4 0.3
Lat 4.09S FIX;Lon 102.18E FIX
Dep 72.0 2.6 Half-duration 1.5
Principal Axes:
Scale 10**17 Nm
T Val= 2.66 Plg=43 Azm= 63
N 0.37 43 272
P -3.03 15 168
Best Double Couple:Mo=2.8*10**17
NP1:Strike=216 Dip=48 Slip= 24
NP2: 109 72 136

25 10 03 31.97 2.497N 128 548E 30km
5.4mb (62 obs.) 5.1Msz (24 obs.)
HALMAHERA, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 29S, 51C
Centroid Location:
Origin Time 10:03:38.4 0.5
Lat 2.69N 0.06 Lon 128.80E 0.04
Dep 22.0 BDY Half-duration 1.4
Principal Axes:
Scale 10**17 Nm
T Val= 2.50 Plg=66 Azm=312
N -0.38 15 187
P -2.12 19 91
Best Double Couple:Mo=2.3*10**17
NP1:Strike=158 Dip=29 Slip= 58
NP2: 13 66 106

25 10 16 30.37 2.537N 128.541E 24km
5.8mb (93 obs.) 5.3Msz (48 obs.)
HALMAHERA, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 23S, 36C
Centroid Location:
Origin Time 10:16:31.6 0.6
Lat 2.54N FIX;Lon 128.51E FIX
Dep 18.5 4.4 Half-duration 1.9
Principal Axes:
Scale 10**17 Nm
T Val= 9.19 Plg=49 Azm=314
N -2.96 21 198
P -6.24 33 93
Best Double Couple:Mo=7.7*10**17
NP1:Strike=133 Dip=23 Slip= 23
NP2: 21 81 111

25 17 47 59.42 13.491S 166.497E 33km
5.4mb (27 obs.) 5 3Msz (20 obs.)
VANUATU ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 27S, 49C
Centroid Location:
Origin Time 17:48: 9.0 0.5
Lat 12.88S 0.05 Lon 166.43E 0.03
Dep 25.2 2.3 Half-duration 1.3
Principal Axes:
Scale 10**17 Nm
T Val= 1.89 Plg=70 Azm= 7
N -0.04 19 165
P -1.85 7 258
Best Double Couple:Mo=1.9*10**17
NP1:Strike= 8 Dip=42 Slip= 119
NP2: 151 55 67

25 17 58 14.41 13.538S 166.344E 60km
5.6mb (46 obs.)
VANUATU ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 32S, 68C
Centroid Location:
Origin Time 17:58:15.5 0.4
Lat 13.42S 0.05 Lon 166.56E 0.03
Dep 19.0 BDY Half-duration 2.0
Principal Axes:
Scale 10**17 Nm
T Val= 4.74 Plg=70 Azm= 25
N -0.06 13 155
P -4.68 15 248
Best Double Couple:Mo=4.7*10**17
NP1:Strike=356 Dip=32 Slip= 115
NP2: 147 61 75

27 01 54 39.18 54.981N 162 001E 28km
5.3mb (81 obs.) 4 8Msz (25 obs.)
NEAR EAST COAST OF KAMCHATKA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 29S, 51C
Centroid Location:
Origin Time 01:54:42.8 0.3
Lat 54.57N 0.05 Lon 162.86E 0.07
Dep 15.0 FIX Half-duration 1.1
Principal Axes:
Scale 10**16 Nm
T Val= 10.27 Plg=63 Azm= 15
N 2.72 26 210
P -12.99 6 117
Best Double Couple.Mo=1.2*10**17
NP1:Strike=181 Dip=45 Slip= 52
NP2: 49 56 122

27 13 50 55.80 2.582N 128.756E 22km
5.5mb (77 obs.) 5.3Msz (50 obs.)
HALMAHERA, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 34S, 76C
Centroid Location:
Origin Time 13:51: 2.6 0.3
Lat 2.22N 0.03 Lon 128.95E 0.03
Dep 22.1 1.6 Half-duration 2.0
Principal Axes:
Scale 10**17 Nm
T Val= 5.74 Plg=70 Azm=302
N 0.12 11 180
P -5.87 17 87
Best Double Couple:Mo=5.8*10**17
NP1:Strike=160 Dip=30 Slip= 68
NP2: 6 62 102

27 21 09 16.67 37.473N 59.857E 24km
5.1mb (73 obs.) 5.1Msz (27 obs.)
TURKMENISTAN-IRAN BORDER REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 19S, 29C
Centroid Location:
Origin Time 21:09:16.6 0.6
Lat 37.36N 0.07 Lon 59.77E 0.04
Dep 24.0 FIX Half-duration 1.1
Principal Axes:
Scale 10**16 Nm
T Val= 10.46 Plg=21 Azm=124
N 0.80 67 277
P -11.27 10 31
Best Double Couple:Mo=1.1*10**17
NP1:Strike=166 Dip=68 Slip= 172
NP2: 259 82 22

28 03 13 33.36 31.330S 71.992W 12km
5.8mb (43 obs.) 6.5Msz (37 obs.)
NEAR COAST OF CENTRAL CHILE
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=165 Dip=80 Slip= 85
NP2: 12 11 116
Principal Axes:
T Plg=55 Azm= 69
P 35 259
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting with a small right-lateral strike-slip component. The preferred fault plane is NP2.
RADIATED ENERGY
No. of sta: 16 Focal mech. F
Energy 6.6±1.2*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 11 No. of sta: 12
Principal Axes:
Scale 10**18 Nm
T Val= 6.45 Plg=21 Azm= 11
N 0.04 60 143
P -6.49 20 273
Best Double Couple:Mo=6.5*10**18
NP1:Strike= 52 Dip=60 Slip= 180
NP2: 142 90 30
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 34S, 92C M.W.: 29S, 66C
Centroid Location:
Origin Time 03:13:38.0 0.1
Lat 31.59S 0.01 Lon 72.08W 0.01
Dep 22.3 1.1 Half-duration 4.7
Principal Axes:
Scale 10**18 Nm
T Val= 6.24 Plg=24 Azm= 12
N -1.24 52 136
P -5.00 28 269
Best Double Couple:Mo=5.6*10**18
NP1:Strike= 51 Dip=52 Slip=-177
NP2: 319 87 -38

28 17 45 40.01 2.615N 128.770E 35km
5.6mb (78 obs.) 5.4Msz (42 obs.)
HALMAHERA, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 34S, 74C
Centroid Location:
Origin Time 17:45:42.1 0.3
Lat 2.39N 0.03 Lon 129.03E 0.03
Dep 22.0 BDY Half-duration 2.0
Principal Axes:
Scale 10**17 Nm
T Val= 4.94 Plg=66 Azm=296
N -0.02 12 177
P -4.91 20 82
Best Double Couple:Mo=4.9*10**17
NP1.Strike=152 Dip=27 Slip= 63
NP2: 2 66 103

29 04 18 48.99 8.237N 126.531E 65km
5.2mb (51 obs.)
MINDANAO, PHILIPPINE ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 20S, 23C
Centroid Location:
Origin Time 04:18:52.3 1.0
Lat 8.40N 0.09 Lon 126.90E 0.06
Dep 64.9 4.6 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 5.78 Plg=76 Azm= 38
N 0.30 10 171
P -6.08 10 262
Best Double Couple:Mo=5.9*10**16
NP1:Strike= 4 Dip=36 Slip= 107
NP2: 164 56 78

30 09 32 37.57 35.692N 34.584W 20km
6.1mb (127 obs.) 5.7Msz (47 obs.)
AZORES ISLANDS REGION
FAULT PLANE SOLUTION: P-Waves
NP1 Strike= 65 Dip=87 Slip= 10
NP2: 334 80 177

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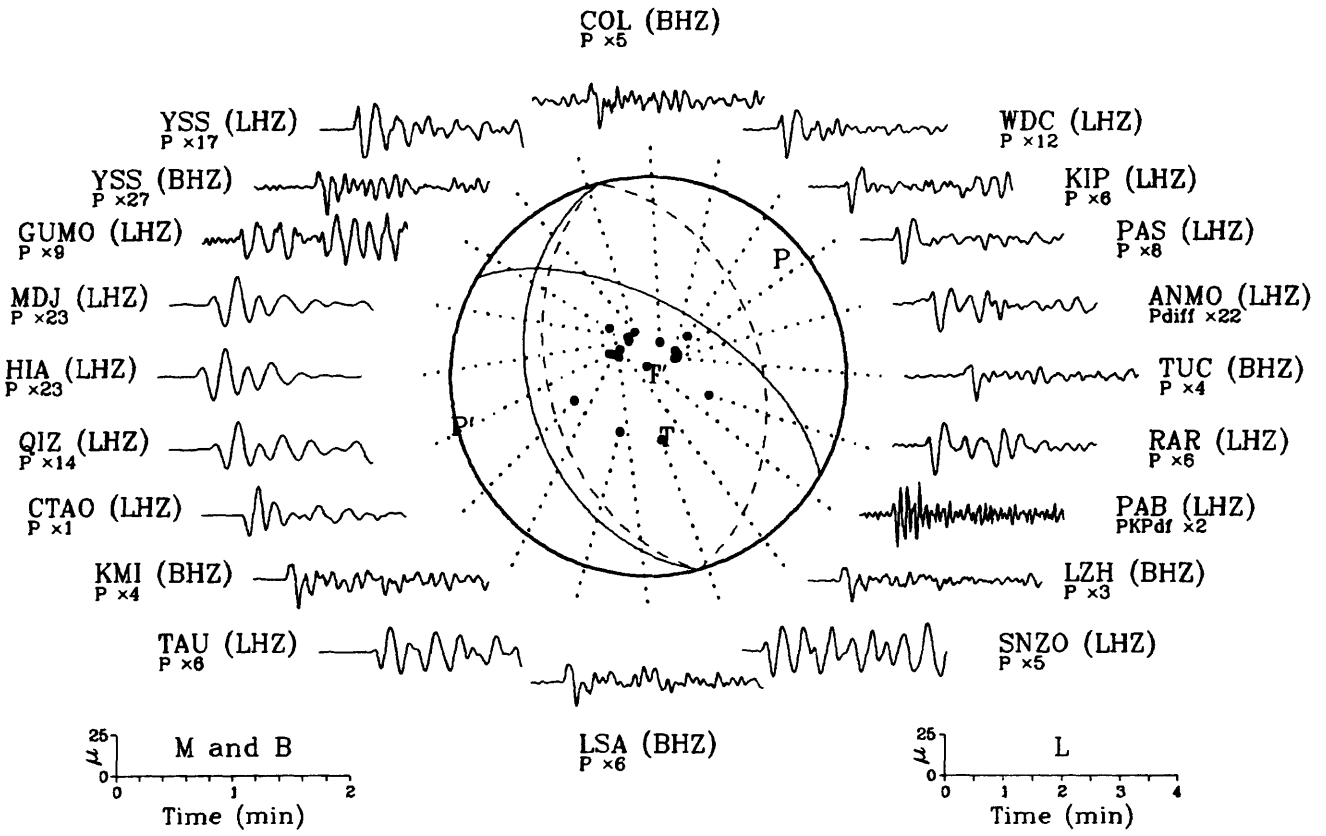
Principal Axes:
  T              Plg= 9  Azm=290
  P                  5       199
Comment: The focal mechanism is
  moderately well controlled and
  corresponds to strike-slip
  faulting with a large reverse
  component. The preferred fault
  plane is not determined.
RADIATED ENERGY
 No. of sta:  12  Focal mech.  F
 Energy        1.2±0.2*10**14 Nm
MOMENT TENSOR SOLUTION
Dep  18           No. of sta: 20
Principal Axes:
  Scale 10**18 Nm
  T  Val=  1.28  Plg=10  Azm=277
  N        0.09      78       62
  P       -1.37       7      186
Best Double Couple:Mo=1.3*10**18
 NP1:Strike=321 Dip=78 Slip= 178
 NP2:        52     88       12
CENTROID, MOMENT TENSOR     (HRV)
Data Used: GDSN
```

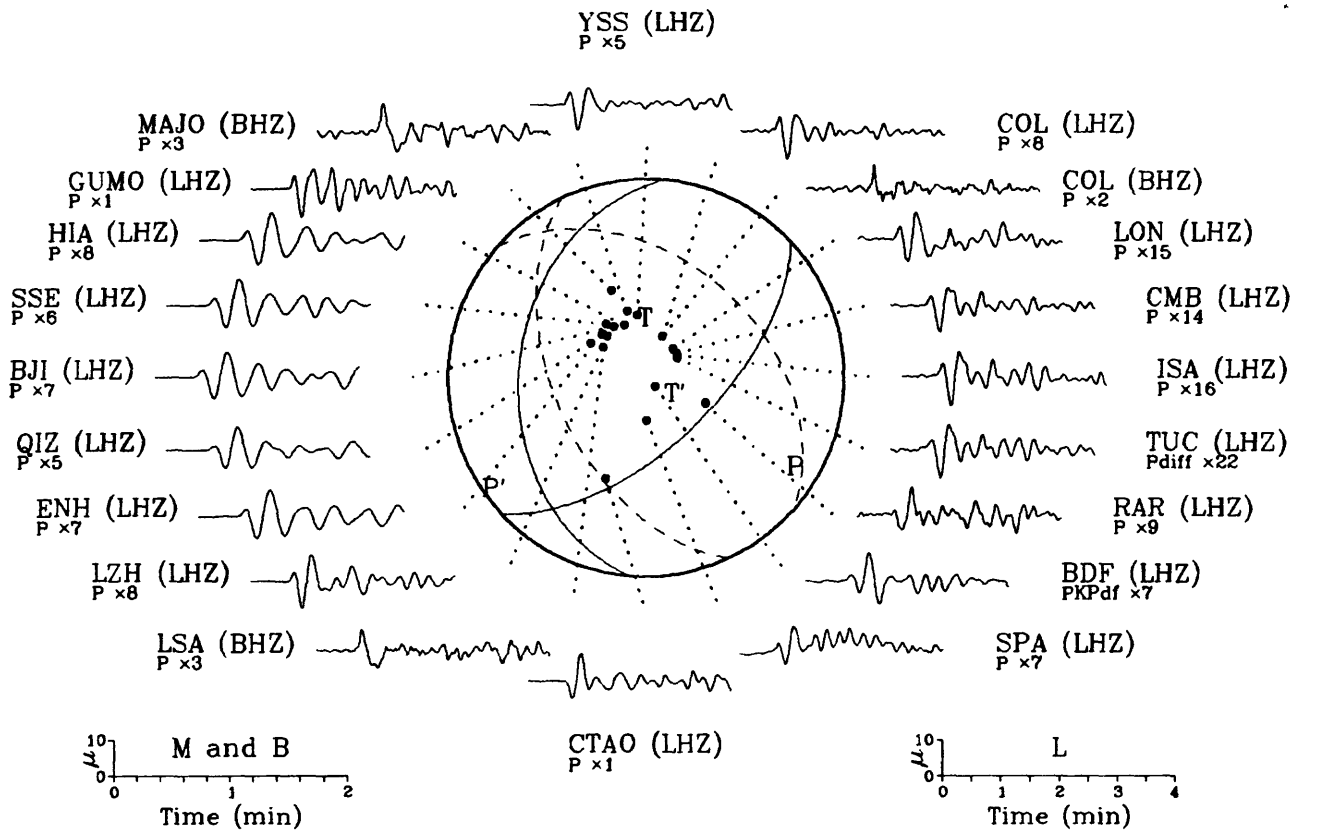
```
L.P.B.: 33S, 75C  M.W.: 26S, 30C
Centraid Location:
Origin Time        09:32:38.3 0.1
Lat 35.85N 0.01 Lan  34.29W 0.01
Dep  15.0 FIX Half-duration  1.0
Principal Axes:
  Scale 10**17 Nm
  T  Val=  6.96  Plg= 1  Azm=119
  N        0.37      17       209
  P       -7.32      73        26
Best Double Couple:Mo=7.1*10**17
 NP1:Strike=193 Dip=47 Slip=-113
 NP2:        45     48       -67
```

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

04 November 1992 18:13:13.46
Vanuatu Islands



05 November 1992 19:53:22.97
New Britain Region, P.N.G.



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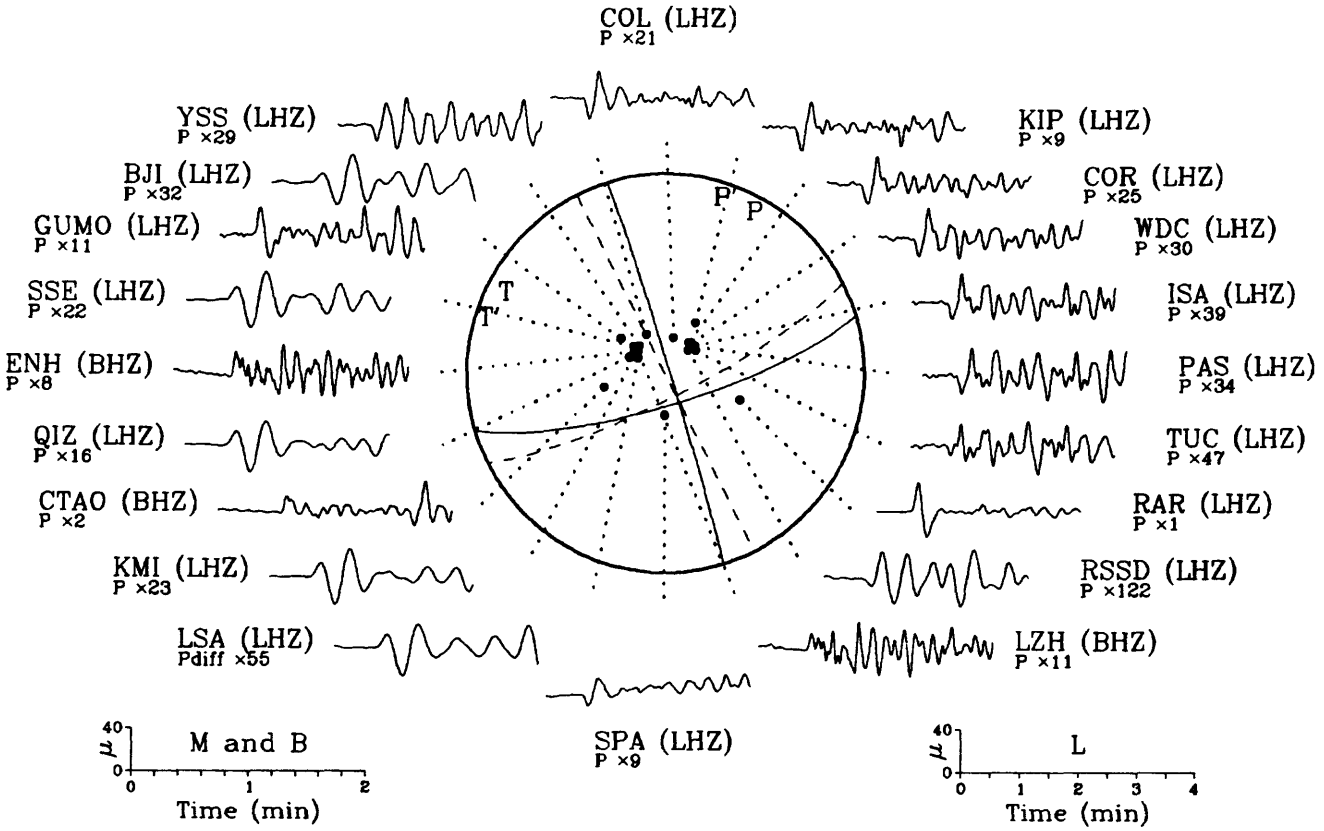
Fiji Islands Region



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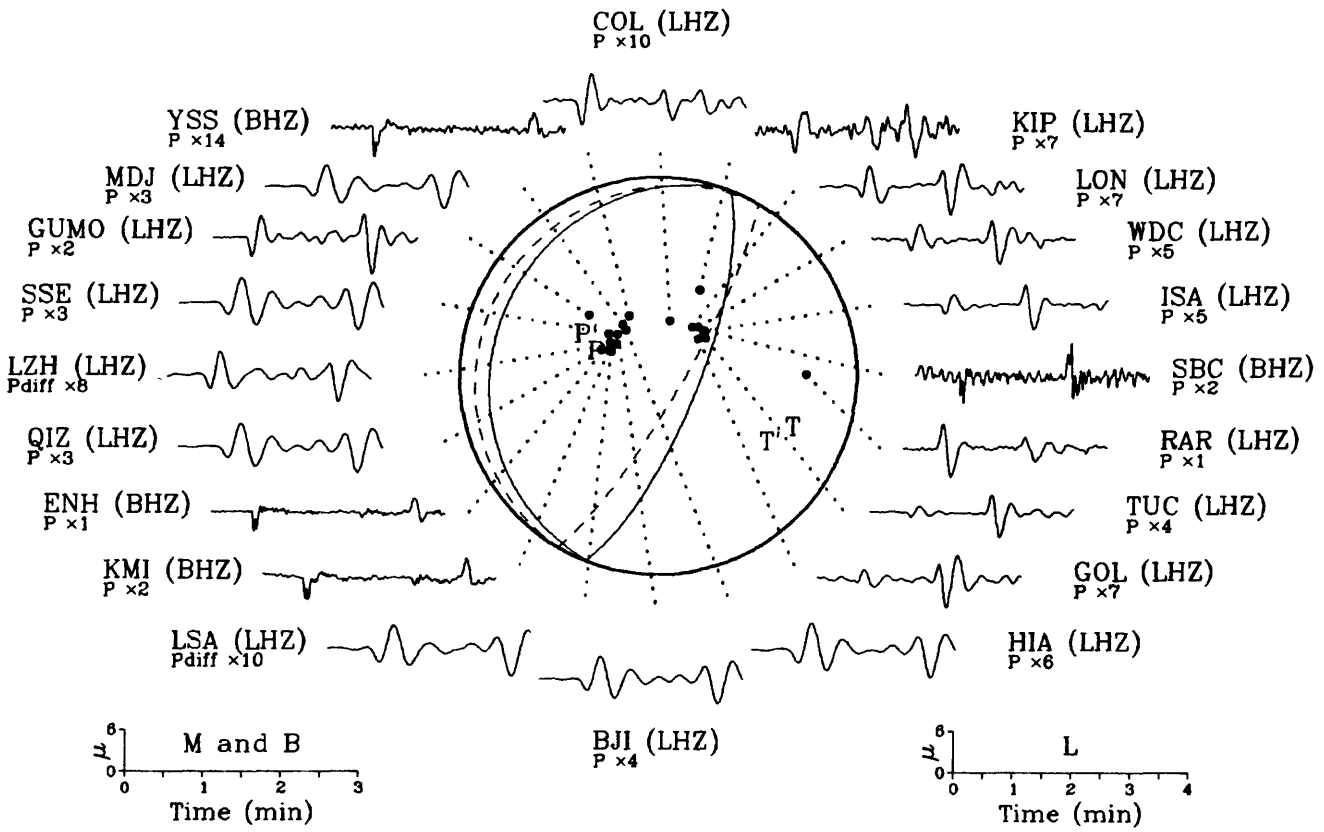
South of Fiji Islands



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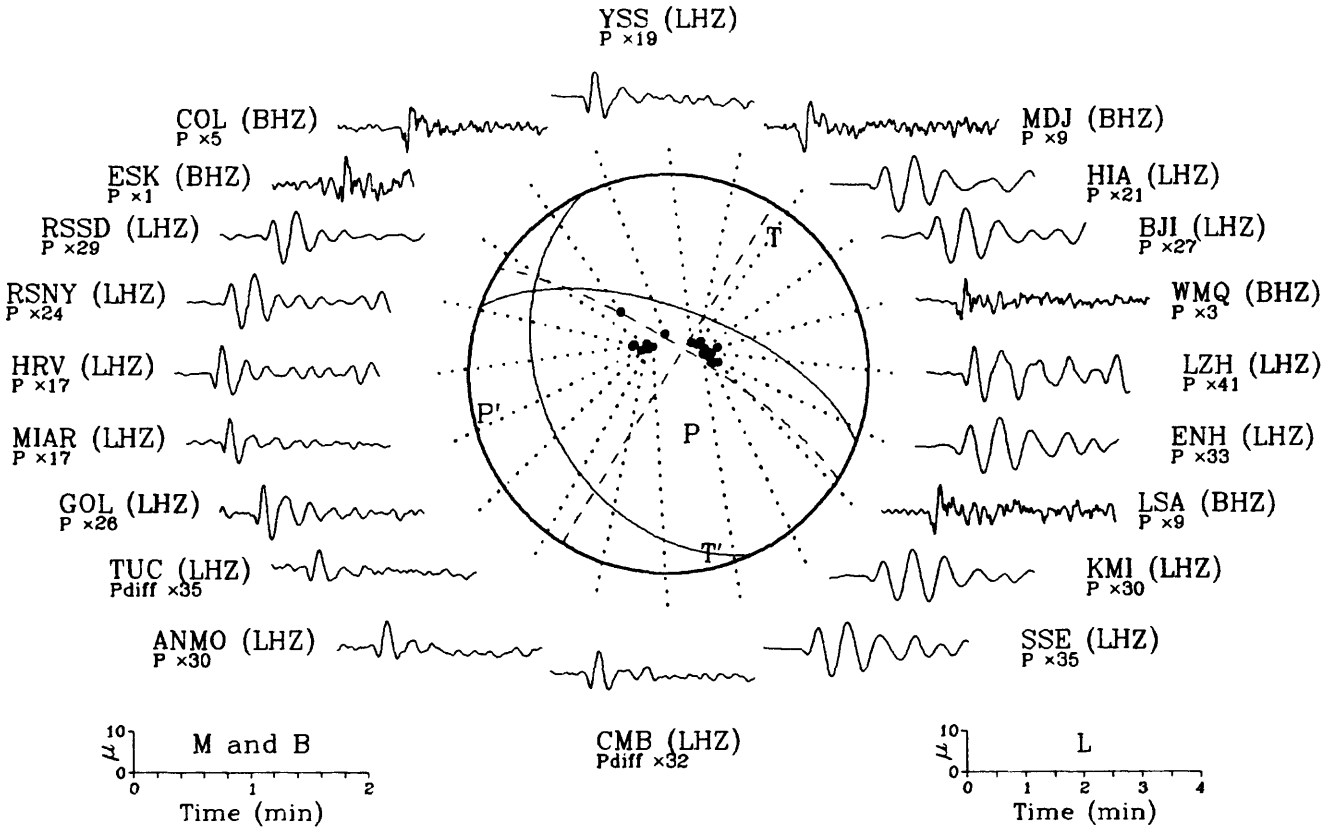
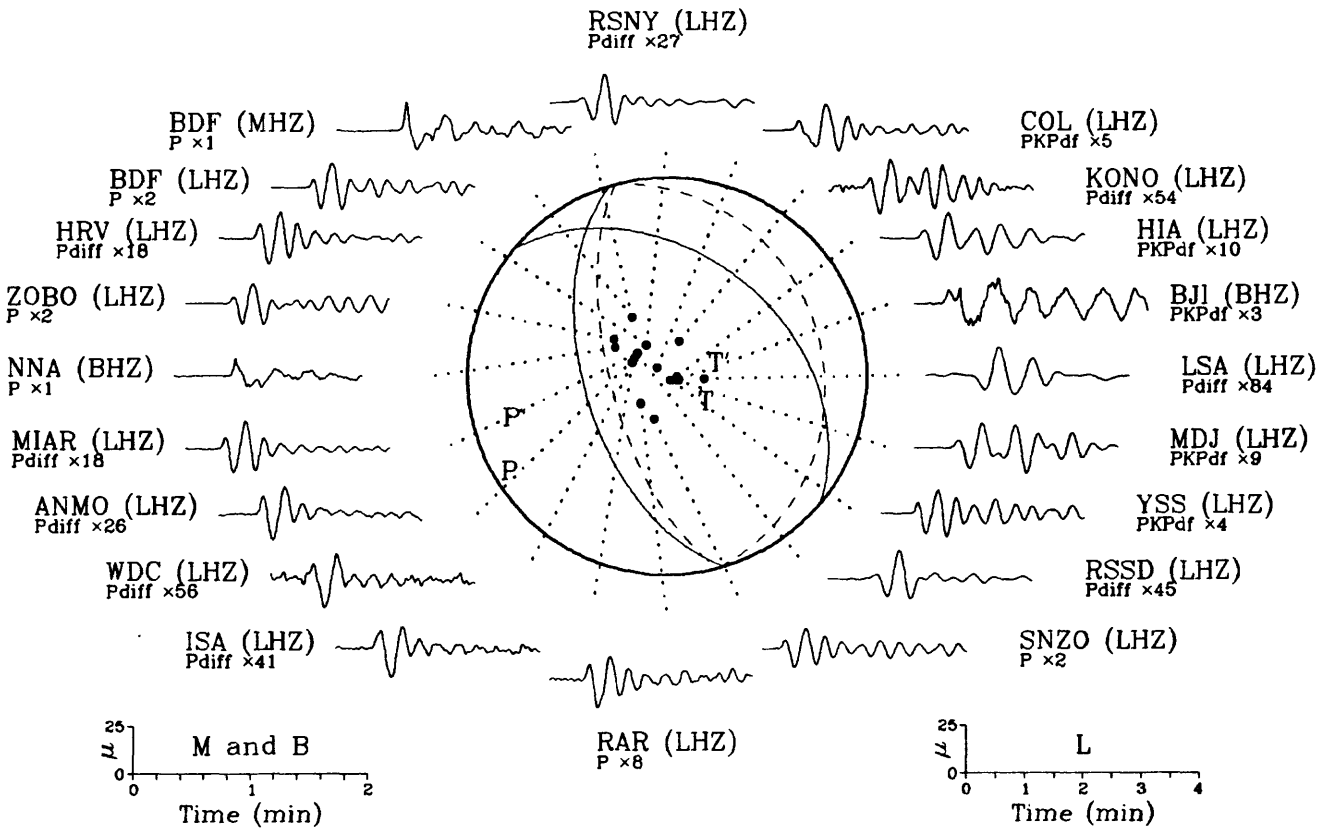
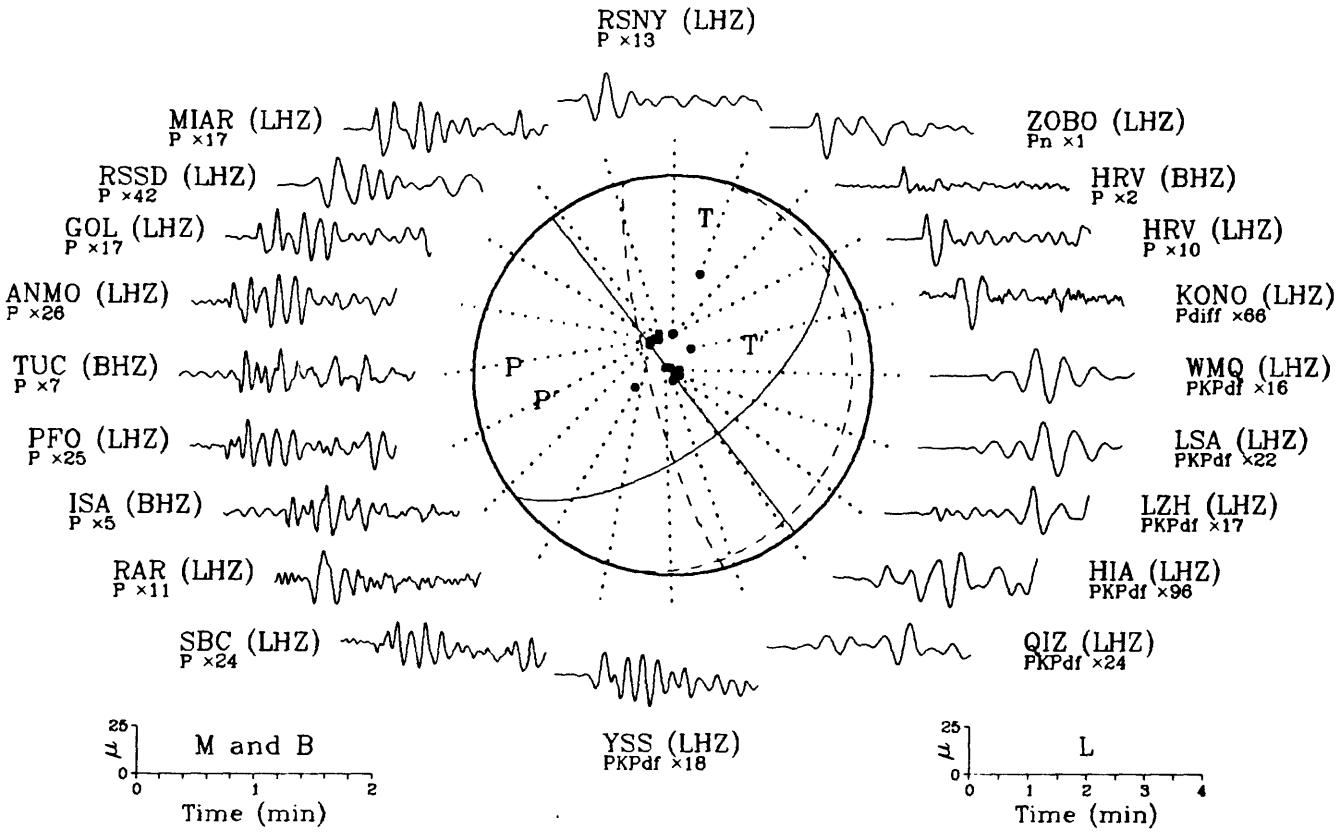
Greece



21 November 1992 22:39:32.92
South Sandwich Islands Region



28 November 1992 03:13:33.36
Near Coast of Central Chile



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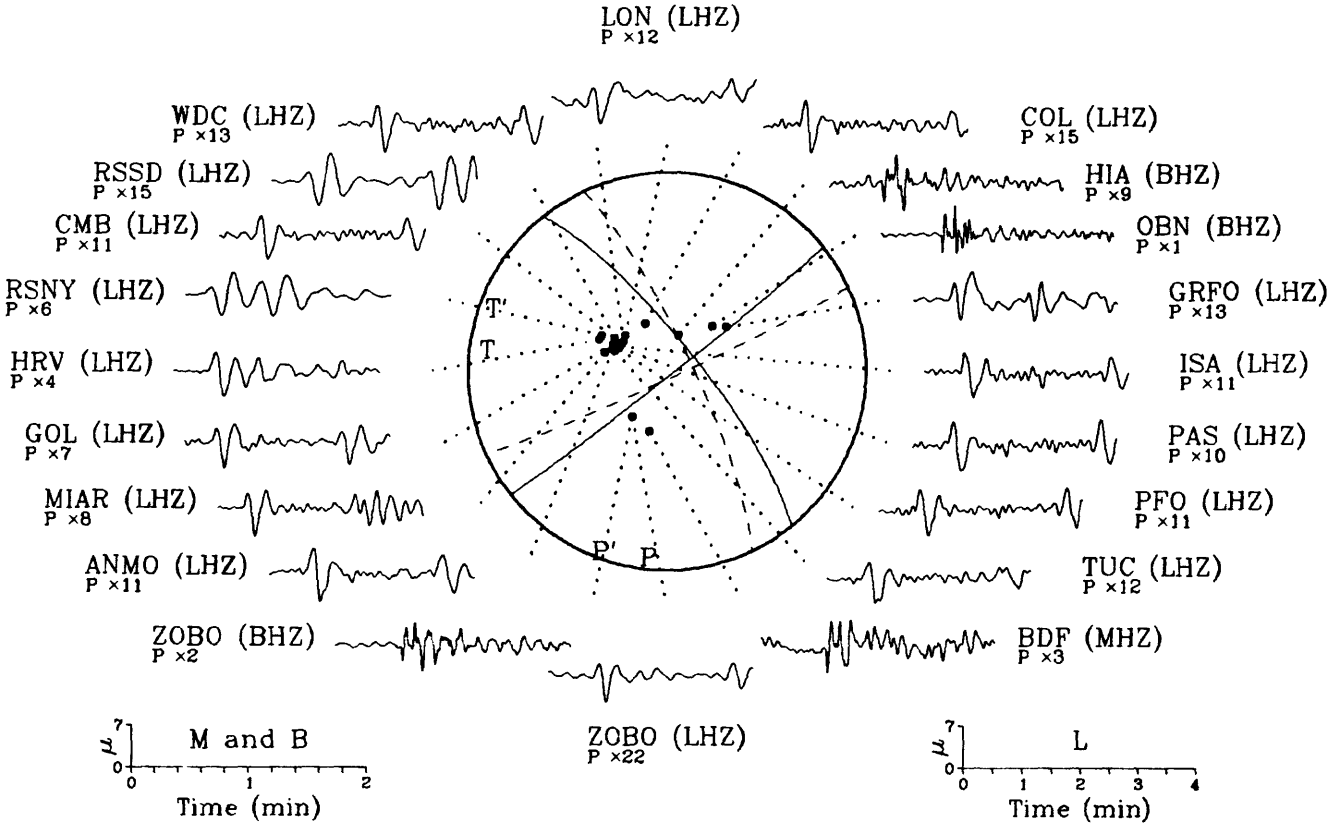
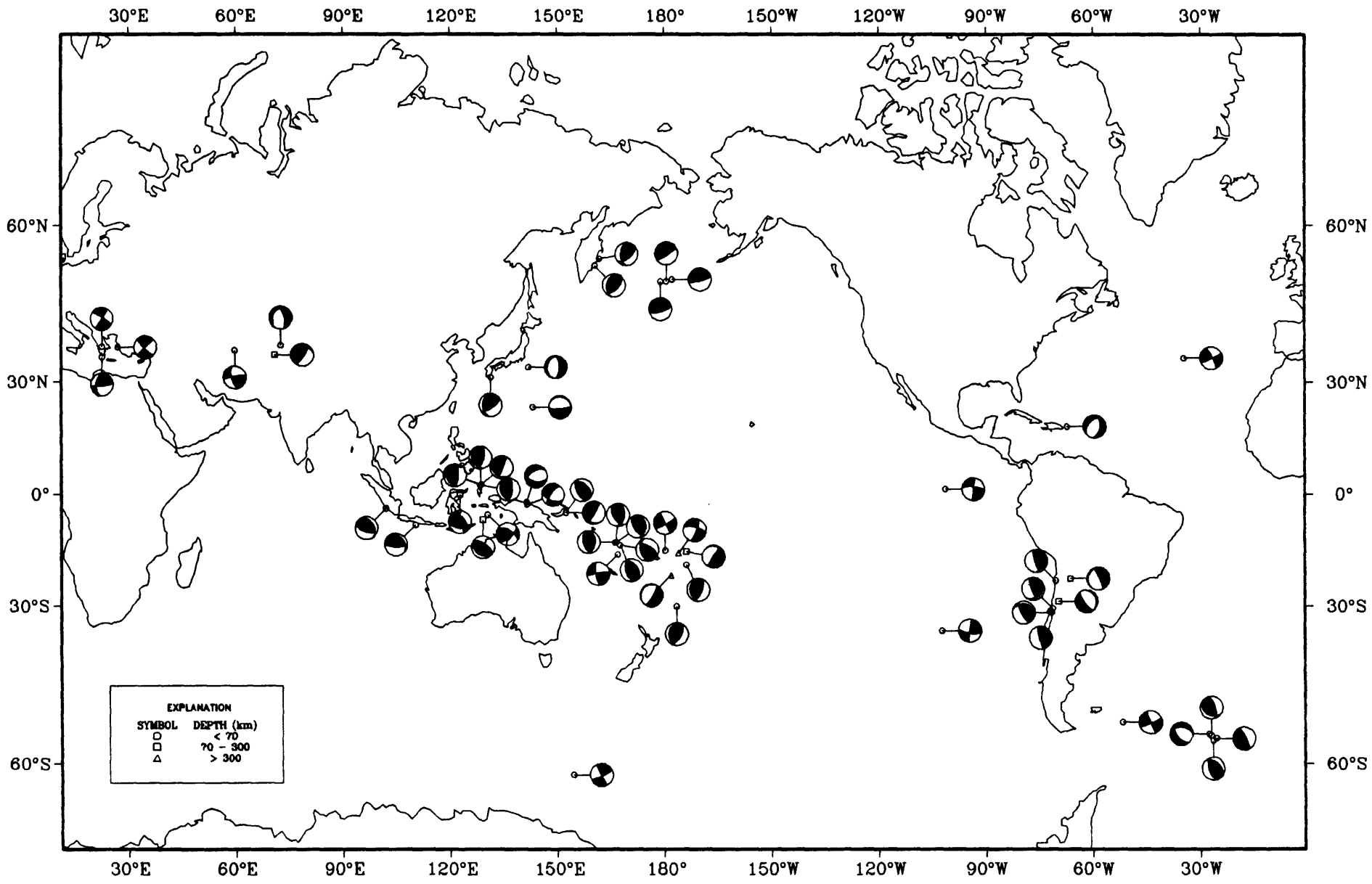
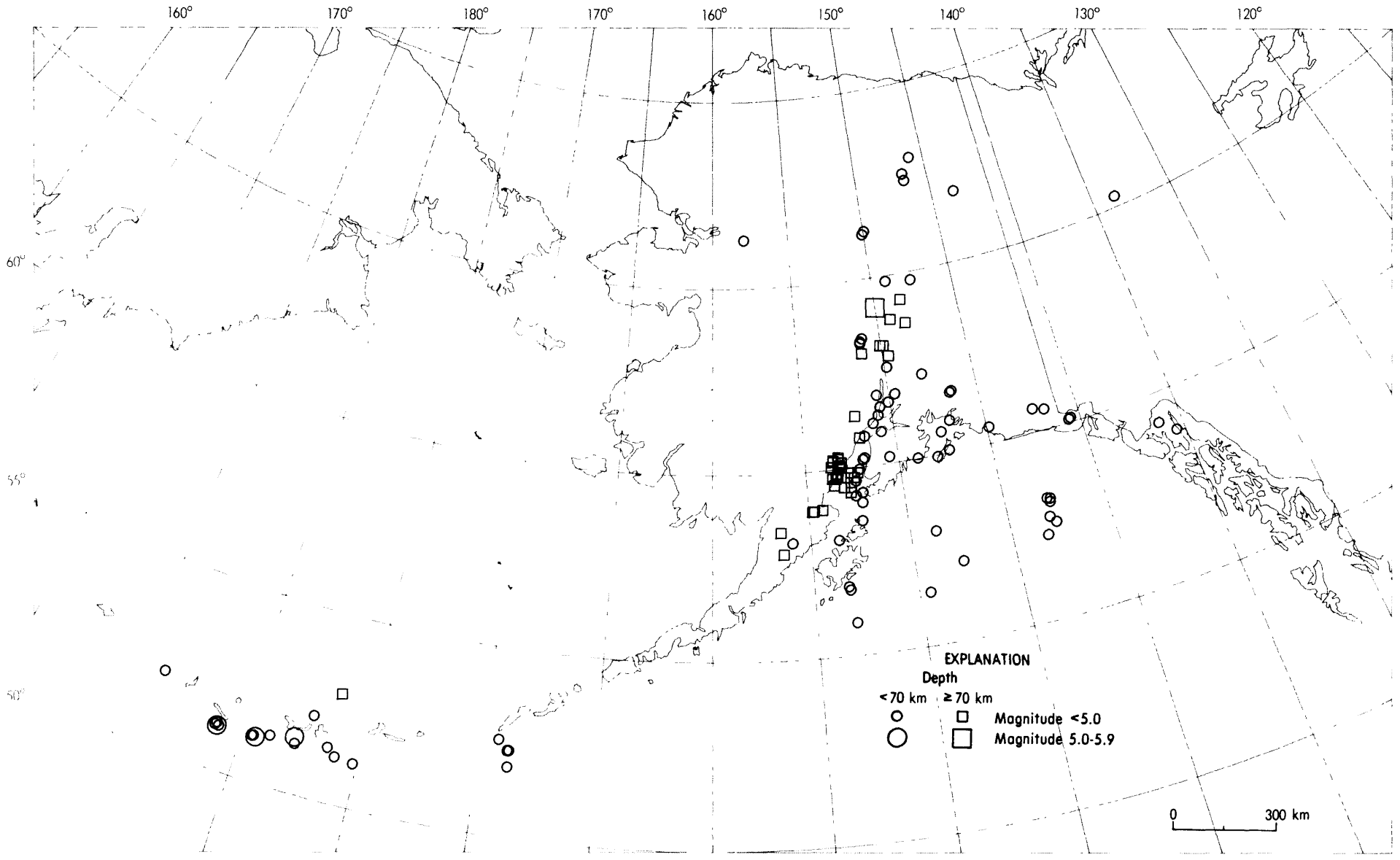
Azores Islands Region

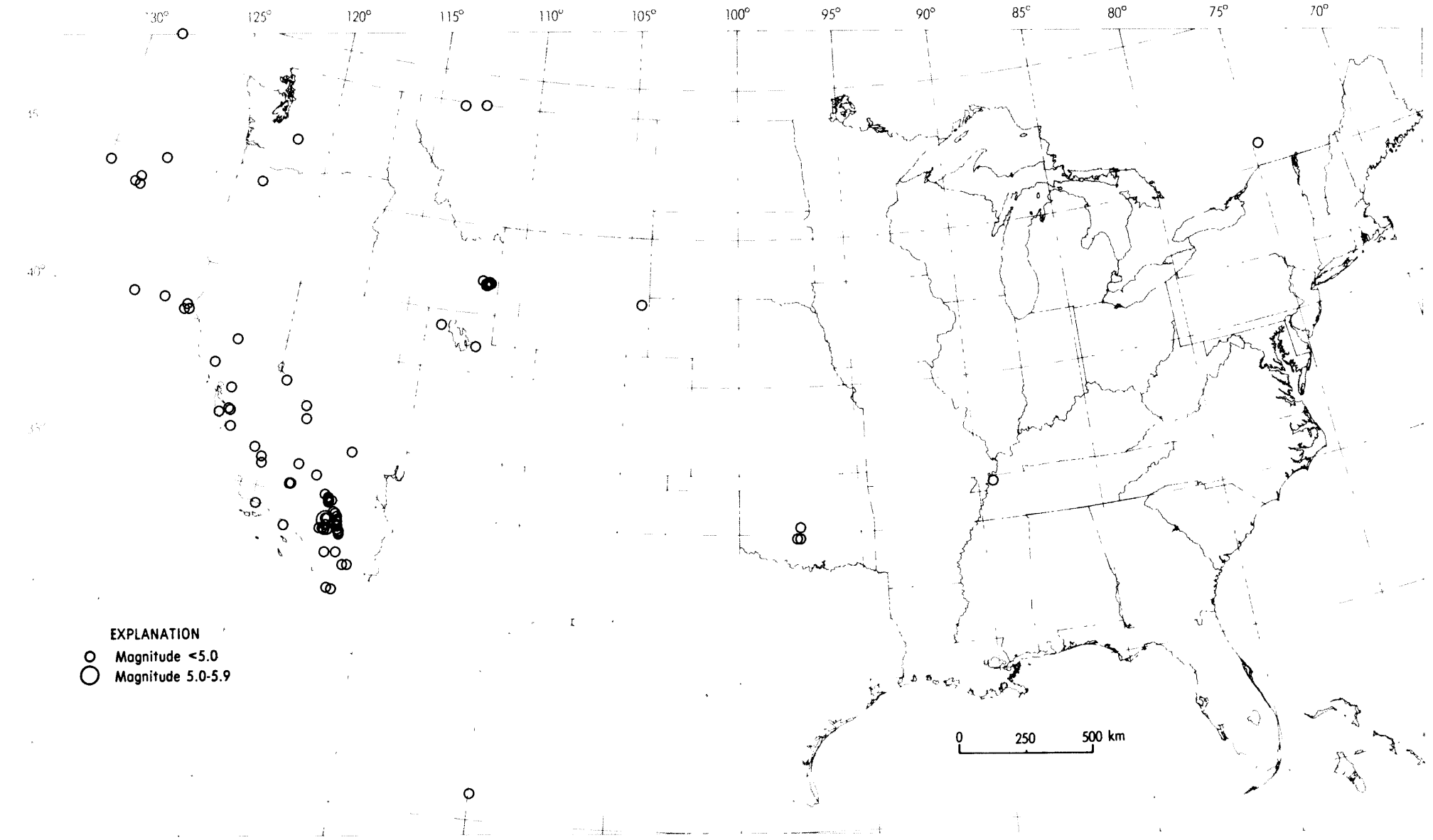


Earthquake Focal Mechanisms for November 1992

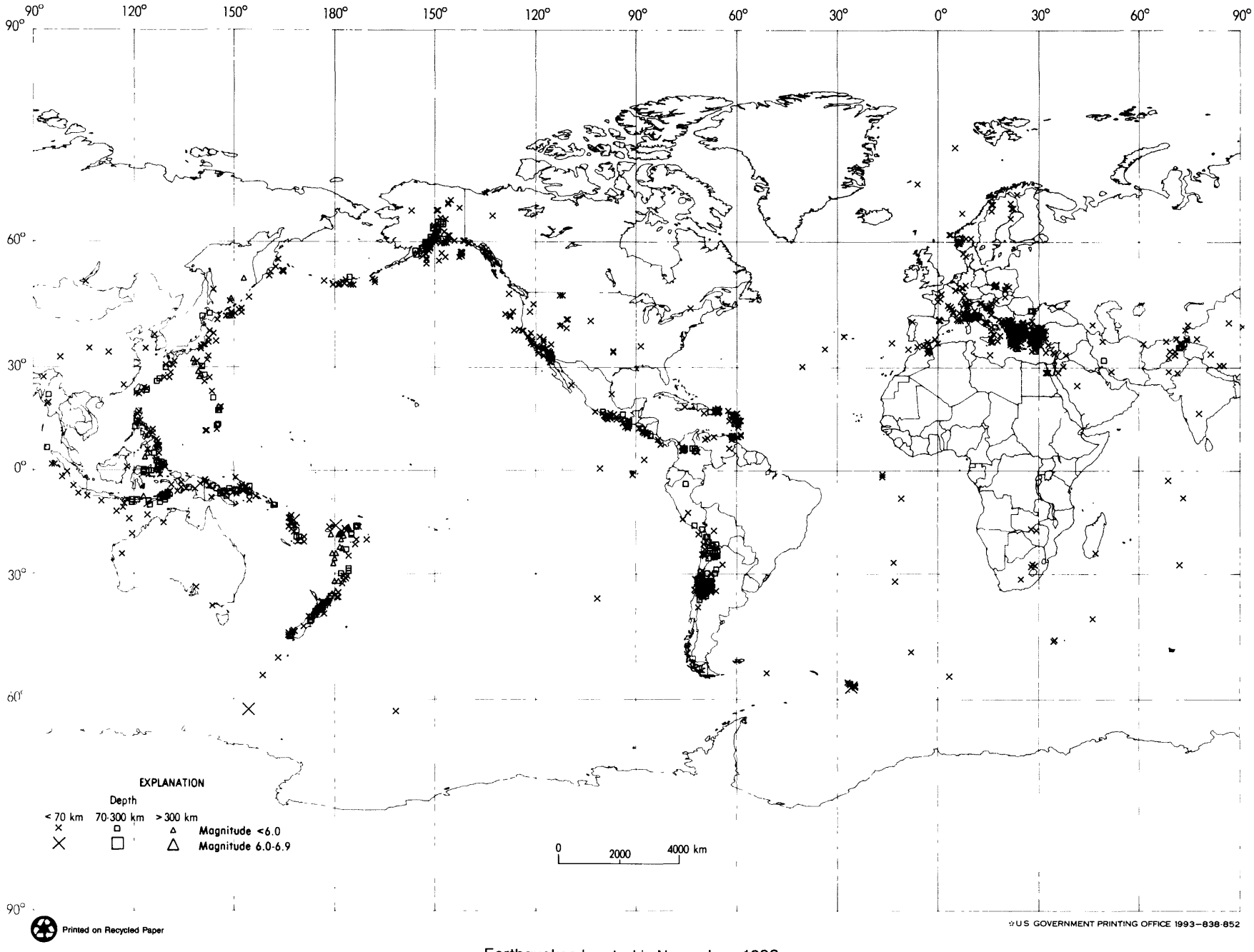




Earthquake epicenters in Alaska and adjacent regions for November, 1992.



Earthquake epicenters in the conterminous United States and adjacent regions for November, 1992.



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Earthquakes located in November, 1992.

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MONTHLY LISTING

U.S. DEPARTMENT OF THE INTERIOR / GEOLOGICAL SURVEY

National Earthquake Information Center

DECEMBER 1992

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
	01	00	06	07.5%	40.044	N	24.392	E	10	G			0.9	6	AEGEAN SEA
a	01	00	23	22.8	20.864	S	169.234	E	32	D	5.8	5.7	1.0	363	VANUATU ISLANDS
	01	01	41	58.6	44.037	N	7 659	E	10	G			0.8	61	NORTHERN ITALY. ML 3.5 (LDG), 3.2 (GEN).
	01	01	44	40.3	44.043	N	7.664	E	10	G			0.4	8	NORTHERN ITALY. ML 1.8 (GEN).
	01	02	15	59.5*	2.430	N	128.735	E	223	?	4.9		0.5	8	HALMAHERA, INDONESIA
	01	02	43	03.7*	2.577	N	128.970	E	33	N	4.5	4.4	0.8	17	HALMAHERA, INDONESIA
	01	03	26	16.5	44.056	N	7.677	E	9				0.6	38	NORTHERN ITALY. ML 3.0 (LDG), 2.7 (GEN).
	01	03	38	12.9&	34.415	N	116.465	W	6	G				10	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	01	04	47	41.2%	45 244	N	7 571	E	10	G			0.8	13	NORTHERN ITALY. ML 2.2 (GEN).
	01	04	48	18 5&	34.348	N	116 893	W	1					10	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	01	05	03	37.6	41.707	N	19 395	E	10	G			0.9	34	ALBANIA. ML 3.2 (TTG), 3.0 (TIR), 2.8 (SKO).
	01	05	39	50.5*	10 939	N	87.025	W	33	N	4.3	4.0	1.2	30	OFF COAST OF COSTA RICA
	01	06	34	31.6	26 189	S	69.667	W	157	*			1.0	17	NORTHERN CHILE
	01	06	36	30.7*	37 690	S	177 328	E	176		4.6		1.0	43	OFF E. COAST OF N. ISLAND, N.Z.
	01	07	02	34.7%	44 315	S	166.844	E	10	G			0.7	17	OFF W. COAST OF S. ISLAND, N.Z. ML 3.9 (WEL).
	01	07	18	03 2%	44 035	N	7.671	E	10	G			0.2	6	NORTHERN ITALY. ML 1.7 (GEN).
	01	07	22	56.0	49.159	N	6.847	E	9				0.9	30	GERMANY. ML 3.4 (GRF), 3.3 (VIE), 3.2 (STR), 3.1 (BNS). MD 3.1 (UCC).
	01	07	52	16.8*	15.744	S	176.844	W	388	?	4.3		0.8	30	FIJI ISLANDS REGION
	01	11	50	00.3*	60.721	N	5.567	E	10	G			0.5	5	SOUTHERN NORWAY. ML 1.7 (NAO). MD 1 6 (BER).
	01	12	42	42.0&	56.984	N	156.773	W	58		3.7			69	ALASKA PENINSULA. <AEIC>. ML 3.7 (AEIC).
	01	13	23	18.1?	17.16	S	35.31	E	33	N	4.5		1.1	5	MOZAMBIQUE
	01	13	36	39.1?	23.92	S	179.81	W	544	?	4.9		0.8	16	SOUTH OF FIJI ISLANDS
	01	15	05	38.3&	34.221	N	116.428	W	2					6	SOUTHERN CALIFORNIA. <PAS-P>. ML 2 8 (PAS).
	01	15	59	51.8	35.748	N	139.173	E	133	*	3.5		0.6	13	NEAR S. COAST OF HONSHU, JAPAN
	01	16	14	22.7%	31.394	S	68.745	W	128	?			0.7	8	SAN JUAN PROVINCE, ARGENTINA
	01	16	14	52.4	10.778	N	63.521	W	5	G			1.2	15	NEAR COAST OF VENEZUELA. MD 4.5 (TRN).
	01	16	17	14.2*	43.086	N	0.605	W	10	G			0.5	5	PYRENEES ML 1 0 (STR).
	01	17	29	34.3&	59.412	N	152.463	W	67					46	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	01	17	47	12 3%	42.936	N	13.692	E	10	G			0.7	8	CENTRAL ITALY
	01	17	49	45.4&	35.061	N	116.989	W	5					15	CENTRAL CALIFORNIA. <PAS-P> ML 3.1 (PAS), 2.7 (GS).
a	01	18	04	26.6	4.005	S	134.891	E	33	N	5.0	4.9	1.3	70	IRIAN JAYA REGION, INDONESIA
	01	18	08	42.7%	42.923	N	18.935	E	10	G			0.5	9	NORTHWESTERN BALKAN REGION. ML 1.6 (TTG).
	01	18	23	32.5	40.435	S	176.905	E	35	*	4.2		0.9	35	NORTH ISLAND, NEW ZEALAND
a	01	18	43	43.5	22.288	S	174 307	E	21	D	5.2	5.3	1.3	101	LOYALTY ISLANDS REGION
	01	18	47	10.6&	63.268	N	151.144	W	13					47	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
	01	19	13	15.9&	38.793	N	122.763	W	5					27	NORTHERN CALIFORNIA. <BRK>. ML 2.9 (BRK), 3.2 (GS). Felt strongly at The Geysers.
	01	19	15	26.8	44.839	N	6.619	E	10	G			1.0	18	FRANCE. ML 2.5 (LDG), 2.3 (GEN).
	01	19	28	05.8	44.811	N	6.720	E	10	G			0.5	13	FRANCE. ML 2.2 (LDG), 2.2 (STR), 1.9 (GEN).
	01	19	39	22.2	42.769	N	12.506	E	10	G			1.1	40	CENTRAL ITALY. ML 3.1 (LDG). MD 3.3 (TRI).
	01	19	41	35.7	44.535	N	6.903	E	10	G			0.5	38	FRANCE. ML 3.0 (LDG), 2.6 (GEN).
	01	20	00	01.9	44.539	N	6.889	E	10	G			0.4	23	FRANCE. ML 3.0 (STR), 2.4 (LDG), 2.3 (GEN).
	01	20	46	46.5?	36.34	N	3.59	E	10	G			0.8	18	NORTHERN ALGERIA
	01	21	30	43.5&	36.849	N	121.582	W	6					16	CENTRAL CALIFORNIA. <GM-P>. MD 2.9 (GM). ML 2.8 (GS).
	01	21	32	49.0*	51.290	N	15.774	E	5	G			1.0	12	POLAND. ML 3.6 (GRF), 3.2 (VIE).
	01	22	30	46.5?	31.59	S	72.44	W	150	?			1.1	10	OFF COAST OF CENTRAL CHILE
	01	22	57	11.6	36.074	N	22.296	E	33	N	4.7		1.4	110	SOUTHERN GREECE. ML 4.1 (TIR), 4.0 (ATH).
	01	23	41	28.5%	42 832	N	12.700	E	10	G			1.3	5	CENTRAL ITALY
	02	00	59	11 5*	37.968	N	20.376	E	11				1.0	16	IONIAN SEA. MD 3.2 (ATH).
	02	01	36	12.1	38.942	N	21.097	E	10	G			0.8	14	GREECE
	02	02	10	25.7&	34 307	N	116.851	W	2					11	SOUTHERN CALIFORNIA. <PAS-P> ML 2.9 (PAS).
	02	02	11	49.5	42 867	N	18 388	E	10	G			0 3	8	NORTHWESTERN BALKAN REGION ML 2.1 (TTG).
	02	04	24	54.1*	24.078	S	66.825	W	225	*			1 2	13	SALTA PROVINCE, ARGENTINA
	02	04	33	37.4	41.715	N	126.205	W	10	G			0 8	46	OFF COAST OF NORTHERN CALIFORNIA. MD 3.4 (GM).
	02	04	52	09.1?	19.95	S	69.68	W	201	?	4 3		0.7	8	NORTHERN CHILE
	02	05	34	55.3?	15.69	N	97.41	W	33	N			1.2	5	NEAR COAST OF OAXACA, MEXICO
	02	05	42	06 2&	34.356	N	116.901	W	5					13	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 2.9 (GS).

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														Felt.
	02	05	45	36.9?	52.99	N	159.59	E	33	N	4.7	1.0	20	OFF EAST COAST OF KAMCHATKA
	02	07	12	11.2•	30.366	N	116.382	W	5	G	4.2	1 0	16	BAJA CALIFORNIA, MEXICO. ML 4.1 (GS).
	02	07	22	03.5	31.688	S	67.864	W	44			0.8	18	SAN JUAN PROVINCE, ARGENTINA
	02	08	14	57.9&	34.900	N	97.540	W	5	G			5	OKLAHOMA. <TUL>. mbLg 1.8 (TUL).
	02	10	05	07.6?	9.86	S	110.85	W	10	G	4.6 4.7	1.4	19	CENTRAL EAST PACIFIC RISE
	02	10	25	52.5?	39.72	N	21.97	E	5	G		1.3	6	GREECE
	02	11	18	46.4%	39.081	N	27 666	E	10	G		0.5	5	TURKEY. MD 2.8 (ISK).
	02	12	38	43.3&	34.420	N	116.484	W	6				11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 2.7 (GS).
	02	12	55	57.0•	2.220	S	139.585	E	33	N	4.5 3.5	1.4	8	NEAR NORTH COAST OF IRIAN JAYA
	02	14	00	20.3%	43.262	N	19.998	E	10	G		0 6	7	NORTHWESTERN BALKAN REGION. ML 1.7 (TTG).
	02	14	02	12.8	29.413	N	52.012	E	10	G	4.5	1.1	22	SOUTHERN IRAN
	02	15	09	54.5	40.400	N	21.216	E	10	G		1.0	7	GREECE
	02	15	27	18.5•	42.549	N	0.947	E	10	G		1.0	7	PYRENEES. ML 1.5 (STR).
	02	15	27	19.8	43.672	N	7.076	E	10	G		0.2	8	NEAR SOUTH COAST OF FRANCE. ML 1.2 (STR).
a	02	18	03	44.0	61.805	N	151.194	W	74		5.5	0.9	413	SOUTHERN ALASKA. Felt (V) at Anchorage, Big Lake, Cooper Landing, Skwentna, Soldotna and Wasilla; (IV) at Chugiok, Eagle River, Kenai, Palmer, Sterling, Tyonek and Willow.
	02	18	45	12.4?	41.98	N	23.17	E	10	G		0.6	5	GREECE-BULGARIA BORDER REGION
	02	19	27	21.1•	10.662	N	121.487	E	33	N	4.6	0.8	12	PANAY, PHILIPPINE ISLANDS
	02	20	23	54.2•	28.202	S	67.226	W	191	?		1 2	11	LA RIOJA PROVINCE, ARGENTINA
	02	21	00	33.6	2.467	N	128.506	E	226		4.8	1.1	53	HALMAHERA, INDONESIA
	02	21	11	22.8&	34.376	N	116.460	W	5				4	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.6 (GS).
	02	22	36	09.9%	39.543	S	174.883	E	153			0.5	32	NORTH ISLAND, NEW ZEALAND
	02	22	39	26.7%	18.115	N	66.254	W	33	N		0.8	6	PUERTO RICO REGION
	02	22	55	03.1•	31.784	S	69.390	W	123	•		1.2	17	SAN JUAN PROVINCE, ARGENTINA
	03	00	59	48.3	42.498	N	111.213	W	5	G		0.9	17	EASTERN IDAHO. ML 3.3 (GS), 3.4 (BUT).
	03	01	37	40.8?	14.51	N	93.56	W	56	•	4.2	1.1	7	NEAR COAST OF CHIAPAS, MEXICO
	03	02	17	25.5•	13.716	S	166.622	E	59	•	5.0	1.0	33	VANUATU ISLANDS
	03	02	19	07.9•	38.042	N	26.929	E	10	G		0.9	5	AEGEAN SEA. MD 2.7 (ISK).
	03	02	21	11.1?	11.34	N	93.27	W	33	N	4.2	1.1	9	OFF COAST OF MEXICO
	03	04	12	34.3•	16.977	N	61.253	W	33	N		0.3	8	LEEWARD ISLANDS. ML 3.2 (FDF).
	03	04	21	45.6%	40.780	N	23.167	E	10	G		0.6	5	GREECE
	03	04	45	52.9	24.036	N	122.711	E	10	G	4.0	0.8	10	TAIWAN REGION
	03	04	51	59.6•	20.502	S	67.875	W	195	•	4.3	1.3	14	SOUTHERN BOLIVIA
o	03	06	28	37.7	48.137	S	9.878	W	10	G	5.3 5.4	1.0	38	SOUTHERN MID-ATLANTIC RIDGE
	03	06	36	44.6&	57.685	N	152.589	W	40				43	KODIAK ISLAND REGION. <AEIC>. ML 3.4 (AEIC).
	03	08	28	04.1%	44.899	N	26.484	E	10	G		0.9	8	ROMANIA
	03	08	29	59.5•	31.557	S	69.309	W	115	•		0.8	12	SAN JUAN PROVINCE, ARGENTINA
	03	08	37	01.8?	6.83	N	73.15	W	147	•	4.5	1.2	6	NORTHERN COLOMBIA
	03	09	44	03.6%	10.796	N	61.174	W	33	N		0.5	6	TRINIDAD. MD 2.7 (TRN).
	03	09	56	26.5%	40.656	N	22.969	E	10	G		0.7	5	GREECE
	03	10	28	00.9•	4.247	S	81.159	W	25	D	4.8	1.0	31	NEAR COAST OF NORTHERN PERU
	03	10	49	14.7?	46.38	N	1.77	E	10	G		0.5	5	FRANCE. ML 1.5 (STR).
	03	11	05	37.8&	59.186	N	149.060	W	31				53	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.6 (AEIC).
	03	11	23	38.4	6.062	S	130.406	E	162		5.2	1.0	93	BANDA SEA
	03	12	38	19.2%	45 801	N	27.281	E	33	N		0.3	6	ROMANIA
	03	13	26	06.7?	43.37	N	23.89	E	10	G		0.5	7	BULGARIA
	03	13	46	02.1%	45 888	N	26.808	E	95	?		0.7	8	ROMANIA
	03	14	00	08.9•	45.241	N	152.069	E	33	N	4.8	1.5	35	EAST OF KURIL ISLANDS
	03	14	07	16.5•	45.622	N	151.813	E	33	N	4.8	1.0	41	KURIL ISLANDS
	03	15	24	11.1•	51.139	N	15.851	E	10	G		1.2	6	POLAND. MG 2.6 (WAR).
	03	17	37	59.0•	25.933	S	131.389	E	10	G		1.1	7	NORTHERN TERRITORY, AUSTRALIA
	03	18	09	40.1&	57 520	N	142.884	W	10	G			35	GULF OF ALASKA. <AEIC>. ML 3.2 (AEIC).
	03	18	12	37.6•	32.698	S	71.462	W	33	N		1.2	12	NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN).
	03	18	24	48.9	1.321	N	122.830	E	33	N	4.7	1 1	14	MINAHASSA PENINSULA, SULAWESI
	03	18	39	20.2•	1.438	N	122.703	E	33	N	4.5	0.7	10	MINAHASSA PENINSULA, SULAWESI
	03	19	17	24 5&	59.748	N	153.406	W	119				36	SOUTHERN ALASKA. <AEIC>.
	03	19	22	21.4•	65.479	N	52.373	W	10	G	4.4	0.9	8	WESTERN GREENLAND
	03	19	24	12.1&	59.203	N	153.845	W	104				28	SOUTHERN ALASKA. <AEIC>.
	03	19	26	43.2	6.390	S	130.048	E	163	•	5.1	1 0	64	BANDA SEA
	03	19	30	05.5?	38.73	N	23.45	E	10	G		0.3	5	GREECE
	03	20	00	53.4%	44.504	N	7.097	E	10	G		0.1	8	NORTHERN ITALY. ML 1.7 (GEN).
	03	20	04	03.7	38.932	N	21.192	E	10	G	3.4	0.9	36	GREECE. ML 3.6 (ATH), 3.6 (TIR).
	03	20	17	49.0•	51.263	N	15.734	E	5	G		1.2	12	POLAND. ML 3.0 (VIE).
	03	20	34	09.5?	8.57	N	76.15	W	33	N		1.2	5	NEAR NORTH COAST OF COLOMBIA
	03	20	54	21.7	44 353	N	7.299	E	10	G		0.6	18	NORTHERN ITALY. ML 2.4 (GEN), 1.9 (STR).
	03	21	58	20.4&	34.331	N	116.911	W	2				7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.6 (GS).
	03	22	08	48.9	43.280	N	84.408	E	10	G	4.6	0.9	24	NORTHERN XINJIANG, CHINA. ML 4.8 (BJI).
	03	23	25	40.0?	39.37	N	28.71	E	5	G		0.1	5	TURKEY. MD 2.7 (ISK).
	03	23	36	15.9&	34.251	N	116.430	W	3				5	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.7 (GS).
	04	00	33	01.0	22.246	S	63.606	W	525		4.1	1.1	29	SALTA PROVINCE, ARGENTINA
	04	00	34	50.8?	10.50	N	62.41	W	10	G		0.7	10	NEAR COAST OF VENEZUELA. MD 3.5 (TRN).
	04	00	38	18.3•	12.132	N	46.303	E	10	G	4.6	1 5	16	WESTERN GULF OF ADEN
	04	00	59	55.6	15.942	N	61.152	W	105	•		0.3	14	LEEWARD ISLANDS. MD 3.7 (TRN).
	04	01	57	13.0•	4.984	S	129.887	E	197	?	4.7	0.5	12	BANDA SEA
	04	01	59	01.7?	8.97	N	81.27	W	33	N		0.1	4	PANAMA
o	04	02	08	57.5&	34.369	N	116.897	W	3		5.3 4.8		170	SOUTHERN CALIFORNIA. <PAS-P>. ML 5.3 (PAS), 5.4 (BRK), 5.2 (GS). Felt (V) at Arcadia, Big Beor City, Fownskin, Orange and Santa Ana; (IV) at Anaheim, Blue Jay, Burbank, El Monte, Hemet, Idyllwild, Indio, La Quinta, Littlerock and Rosemead. Felt in Los Angeles, Orange, Riverside, San Bernardino, San Diego and Venturo Counties. Felt as far as Las Vegas, Nevada.
	04	02	12	16.7?	40.61	N	28.91	E	10	G		0.1	4	TURKEY. MD 2.6 (ISK).
	04	02	13	48.5&	34.359	N	116.921	W	1				3	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
	04	02	19	11.6&	34.371	N	116.918	W	2				5	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	04	03	12	29.2&	34.359	N	116.912	W	1				11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 2.7 (GS).
	04	03	14	38.3&	34.363	N	116.924	W	2				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
	04	03	25	41.8&	34.372	N	116.906	W	3				14	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 3.0 (GS).
	04	04	40	11.7%	18.610	N	66.398	W	10	G		1 3	7	PUERTO RICO REGION
	04	05	25	11.2&	34.377	N	116.918	W	3		4.1		45	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.8 (PAS), 4.7 (BRK),

														4 5 (GS). Felt (V) at Big Bear City, Fawnskin and Fantana; (IV) at Alta Lama, La Quinta, Lancaster, Orange, Palmdale, San Bernardina and Santa Ana. Felt in Kern, Los Angeles, Orange, Riverside and San Bernardina Caunties.
a	04	05	36	16.5	4B.355	N	153.331	E	111	D	5.1	0.8	167	KURIL ISLANDS
	04	05	55	17.3&	34.361	N	116.920	W	1				11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 2.8 (GS).
	04	06	27	44.6%	16.999	N	99.557	W	10	G		0.6	9	NEAR COAST OF GUERRERO, MEXICO
	04	07	33	32.4&	34.360	N	116.924	W	2				8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.7 (GS).
	04	08	19	18.1*	19.654	S	177.923	W	446	D	5.0	1.0	34	FIJI ISLANDS REGION
	04	08	21	30.6	41.815	N	140.109	E	178		4.8	1.0	118	HOKKAIDO, JAPAN REGION
	04	10	49	14.4%	46.410	N	1.820	E	9			0.3	12	FRANCE. ML 2.9 (LDG).
a	04	11	36	36.2	37.814	N	72.194	E	120	G	5.9	0.9	463	TAJIKISTAN. Felt in the Peshawar area, Pakistan. Depth from broadband displacement seismograms.
	04	12	38	13.5%	44.227	S	168.025	E	33	N		0.8	17	SOUTH ISLAND, NEW ZEALAND. ML 4.0 (WEL).
	04	12	45	37.3	27.987	N	99.950	E	10	G	4.6	1.4	22	YUNNAN, CHINA. ML 4.4 (BJI).
	04	12	59	42.1&	34.361	N	116.913	W	1		3.9		50	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.2 (PAS), 4.5 (BRK), 4.1 (GS). Felt (III) at Big Bear City and Highland.
	04	13	01	31.4%	41.995	S	171.715	E	18			0.7	20	SOUTH ISLAND, NEW ZEALAND. ML 3.9 (WEL).
	04	13	10	14.1%	39.093	N	27.694	E	10	G		0.6	5	TURKEY
	04	14	00	30.7	36.165	N	139.884	E	73		4.7	1.3	34	EASTERN HONSHU, JAPAN
	04	15	02	53.0?	29.52	N	31.33	E	10	G		1.2	6	EGYPT. MD 3.6 (RYD), 3.5 (HLW).
	04	16	12	06.0	24.676	S	68.073	W	120		4.4	1.4	32	CHILE-ARGENTINA BORDER REGION
	04	16	17	16.8&	62.452	N	149.659	W	57				59	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC), 3.0 (PMR).
	04	16	20	29.9&	34.363	N	116.921	W	0				7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.5 (GS).
	04	18	00	36.5&	34.379	N	116.928	W	3				5	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.6 (GS).
	04	18	15	54.7	36.444	N	114.021	W	5	G		1.2	22	SOUTHERN NEVADA. ML 3.4 (GS).
	04	18	18	26.0*	31.696	S	71.493	W	76	?		1.1	23	NEAR COAST OF CENTRAL CHILE. MD 4.5 (SAN).
	04	19	11	29.2	43.044	N	17.559	E	10	G	4.3	1.4	144	NORTHWESTERN BALKAN REGION. ML 4.3 (VIE), 4.2 (LJU), 4.2 (TIR). MD 4.2 (TRI), 4.1 (TTG). Felt in the Makarska-Metkavic-Dubravnik area, Croatia. Alsa felt at Ljubuski, Bosnia-Herzegavina.
	04	19	48	05.8*	19.517	S	173 619	W	33	N	5.3	1.1	33	TONGA ISLANDS
	04	20	00	54.1%	44.503	N	7.010	E	10	G		0.7	6	NORTHERN ITALY. ML 1.9 (LDG).
a	04	20	38	43.3	1 051	N	126.027	E	55		5.3 4.8	1.3	136	NORTHERN MOLUCCA SEA
	04	20	54	22.0%	44 345	N	7.263	E	10	G		0.2	6	NORTHERN ITALY. ML 2.8 (LDG).
	04	21	45	46.5%	41 13	S	171.639	E	31			0.6	13	SOUTH ISLAND, NEW ZEALAND. ML 4.4 (WEL).
	04	23	15	38.7?	0.33	N	125.34	E	33	N	4.7	0.5	5	NORTHERN MOLUCCA SEA
	04	23	53	00.2%	40.432	N	23.834	E	10	G		0.4	5	GREECE
	04	23	58	07.4	21.420	S	68.468	W	118	D	5.0	1.3	107	CHILE-BOLIVIA BORDER REGION
	05	00	48	48.8%	47 345	N	1.243	W	10	G		1 0	9	FRANCE. ML 2.3 (LDG).
	05	00	51	01.7*	56.255	S	25.416	W	33	N		0.5	8	SOUTH SANDWICH ISLANDS REGION
	05	00	51	18.4%	38.770	S	177.688	E	125	*		1.0	37	NORTH ISLAND, NEW ZEALAND
	05	02	13	15.3	43.005	N	0.333	W	10	G		0.6	7	PYRENEES. ML 2.5 (LDG).
	05	02	24	13 2*	31.470	S	68.000	W	33	N		1.2	5	SAN JUAN PROVINCE, ARGENTINA
	05	02	26	49.0	8 391	S	119.894	E	41	?	5.0	1.3	21	FLORES REGION, INDONESIA
	05	02	45	14.9?	36.77	S	179.13	E	187	*		1.1	25	OFF E. COAST OF N. ISLAND, N.Z.
	05	02	50	14.7%	18.168	N	101.098	W	33	N		1.0	6	GUERRERO, MEXICO
	05	02	52	57.5&	36.495	N	120.177	W	18				37	CENTRAL CALIFORNIA. <BRK>. ML 3.4 (BRK), 3.4 (PAS).
	05	05	20	35.5&	34.363	N	116.922	W	3				15	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 3.0 (GS).
	05	05	29	13.6%	30.735	S	117.175	E	10	G		0.6	6	WESTERN AUSTRALIA
	05	05	43	28.5*	23.920	N	122.687	E	10	G		0.8	7	TAIWAN REGION
	05	05	46	12.8	19.365	N	120.895	E	33	N	4.6	1.5	16	PHILIPPINE ISLANDS REGION
	05	05	52	18.3	19.331	N	120.985	E	22	*	4.7 4.3	1.3	21	PHILIPPINE ISLANDS REGION
	05	05	58	59.3?	38.15	N	72.71	E	33	N	4.4	0.7	12	TAJIKISTAN
	05	06	14	41.3&	34.363	N	116.922	W	0				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.7 (GS).
	05	06	26	17.6	38.088	N	26.997	E	10	G	4.2	1.0	40	AEGEAN SEA. ML 4.1 (ATH). MD 4.1 (ISK).
	05	06	28	03.8?	9.65	S	121.83	E	33	N	4.1	1 3	6	SAVU SEA
	05	06	35	37.2	38.293	N	27.155	E	10	G		1.4	15	TURKEY. MD 3.7 (ISK).
	05	06	41	38.5	19.023	N	145.293	E	260	D	4.6	1.0	72	MARIANA ISLANDS
	05	06	54	03.1	41.731	N	20.208	E	10	G		1.1	6	ALBANIA. ML 2.4 (TIR).
	05	08	05	15.9	41.613	N	20.181	E	10	G		0.6	8	ALBANIA ML 2.5 (TIR).
	05	09	32	43.8	40.444	N	21.886	E	10	G		0 9	8	GREECE
	05	09	40	43.4%	44.443	N	7.330	E	10	G		0.1	5	NORTHERN ITALY. ML 1.6 (GEN).
	05	09	43	21.0*	52.640	N	178.317	E	100	G	3.9	1.2	9	RAT ISLANDS, ALEUTIAN ISLANDS
	05	09	49	17.5%	40.654	N	23.018	E	10	G		0.7	6	GREECE
	05	10	02	09.3	31.935	S	67.602	W	10	G		1.0	17	SAN JUAN PROVINCE, ARGENTINA
	05	10	04	26.9%	16.639	N	98.311	W	33	N		0.8	5	NEAR COAST OF GUERRERO, MEXICO
	05	11	24	44.5	44.356	N	7.318	E	10	G		0.6	15	NORTHERN ITALY. ML 2.1 (GEN).
	05	12	31	48.2%	40.064	N	29.400	E	10	G		0.4	5	TURKEY. MD 2.7 (ISK).
	05	13	27	33.1	38 580	N	141.559	E	129		4.7	0.8	20	NEAR EAST COAST OF HONSHU, JAPAN
	05	14	37	22.3	9.768	S	159.730	E	35	*	5.1	0.9	41	SOLOMON ISLANDS. Felt (III) at Haniara.
	05	15	10	47.4?	40.39	N	21.33	E	10	G		0.7	4	GREECE
	05	16	28	13.8	16.750	N	61.192	W	33	N		0.9	22	LEEWARD ISLANDS. ML 3.9 (FDF).
	05	16	31	13.7*	42.878	N	146.058	E	33	N	4.2	0.8	9	OFF COAST OF HOKKAIDO, JAPAN
	05	17	00	04.3*	36.553	N	138.998	E	154		3.9	1.1	14	EASTERN HONSHU, JAPAN
	05	17	29	12.6	16.254	S	168.048	E	197		4.8	0.9	52	VANUATU ISLANDS
	05	18	10	38.7	41.760	N	17.823	E	10	G		1.1	51	ADRIATIC SEA. ML 3.8 (TTG), 3.4 (TIR).
	05	18	28	16.2&	35.060	N	116.990	W	4				17	CENTRAL CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 2.9 (GS). Felt in the Barstaw area.
	05	18	41	56.9%	38.147	S	176.326	E	189	*		0.8	35	NORTH ISLAND, NEW ZEALAND
	05	19	04	34.7	38.051	N	27.001	E	10	G		0.4	9	TURKEY. MD 3.3 (ISK).
	05	19	56	48.7%	40.016	N	29.430	E	10	G		0.8	6	TURKEY. MD 2.6 (ISK).
	05	20	02	26.4*	37.906	N	27.010	E	10	G		0.3	5	TURKEY. MD 3.1 (ISK).
	05	21	14	54.9&	62.168	N	149.320	W	44				87	CENTRAL ALASKA. <AEIC>. ML 3.6 (AEIC), 3.9 (PMR).
	05	21	46	27.2*	38.007	N	27.115	E	10	G		0.8	6	TURKEY. MD 3.1 (ISK).
	05	21	59	56.2*	38.033	N	27.014	E	10	G		1.5	7	TURKEY. MD 3.2 (ISK).
	05	22	01	45.1%	43 049	N	0.639	W	10	G		0.3	5	PYRENEES. ML 1.0 (STR).
	05	22	50	08.8	19.215	S	167.804	E	10	G	4.8	1.0	47	VANUATU ISLANDS REGION
	05	23	18	49.8	41.973	S	171.646	E	16			0.9	21	SOUTH ISLAND, NEW ZEALAND. ML 4.3 (WEL).
	06	00	40	34.4	1 808	N	75.390	W	18	D	4.9	1.0	79	COLOMBIA. Minor damage at Florencia. Alsa felt at Cali.
	06	01	02	52.9*	15.998	N	60.659	W	25	*		0 3	8	LEEWARD ISLANDS. ML 3.2 (FDF).
a	06	01	43	53.0	10.865	N	57.291	E	10	G	5.3 5 3	1.4	184	CARLSBERG RIDGE

	06	02 40 50.8&	34.148	N	116.427	W	5						10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.0 (GS). Felt.
	06	03 44 29.9	37.810	N	72.185	E	128 D	5.5			0.8	310		TAJIKISTAN
	06	03 56 36.5?	16.84	S	173.58	W	33 N				1.3	11		TONGA ISLANDS
	06	04 38 09.6?	31.69	S	72.12	W	33 N				0.5	10		OFF COAST OF CENTRAL CHILE
	06	05 36 54.4&	58.546	N	153.708	W	70						51	KODIAK ISLAND REGION. <AEIC>.
	06	05 39 22.1?	31.44	N	66.11	W	10 G				1.4	15		NORTH ATLANTIC OCEAN. mbLg 3.9 (GS).
	06	05 40 19.3&	47.469	N	128.865	W	10 G	3.0					10	OFF COAST OF WASHINGTON. <PGC-P>. ML 3.3 (PGC).
	06	05 58 10.1*	3.509	S	145.476	E	33 N	5.0			1.4	9		NEAR N COAST OF NEW GUINEA, PNG.
	06	06 33 00.4?	6.14	N	82.71	W	10 G	3.4			0.5	5		SOUTH OF PANAMA
	06	06 56 52.8	39.743	N	143.584	E	28 D	5.1	4.7		1.1	100		OFF EAST COAST OF HONSHU, JAPAN
	06	07 57 58.9%	39 063	S	174.662	E	249 *				0.3	34		NORTH ISLAND, NEW ZEALAND
	06	08 42 57.6%	38.202	S	176.053	E	206 *				0.5	24		NORTH ISLAND, NEW ZEALAND
	06	08 49 03.7&	63.412	N	151.270	W	14						40	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC).
	06	08 55 46.4%	39.087	N	27.627	E	10 G				0.4	5		TURKEY. MD 2.8 (ISK).
	06	09 24 01.9?	31.26	S	68.85	W	123 ?				0.9	16		SAN JUAN PROVINCE, ARGENTINA
	06	10 49 58.5%	10.246	N	67.225	W	10 G				1.0	9		NEAR COAST OF VENEZUELA
	06	10 57 59.9*	21.048	S	68.602	W	136 *	3.9			1.2	9		CHILE-BOLIVIA BORDER REGION
	06	10 58 43.3	46.943	N	8.302	E	10 G				0.9	19		SWITZERLAND. ML 2.7 (LDG).
	06	11 49 52.7	18.485	N	104.408	W	33 N	4.1			1.1	39		NEAR COAST OF JALISCO, MEXICO
	06	11 54 27.8%	39.073	N	27.606	E	10 G				0.6	5		TURKEY. MD 2.7 (ISK).
	06	12 08 11.6&	59.973	N	153.444	W	129						57	SOUTHERN ALASKA. <AEIC>.
	06	12 28 56.8&	40.952	N	123.521	W	31						6	NORTHERN CALIFORNIA. <GM-P>. MD 2.7 (GM).
	06	12 32 47.7%	40.196	N	28.787	E	10 G				1.0	5		TURKEY. MD 2.6 (ISK).
	06	13 22 55.1?	21.10	S	68.15	W	199 ?				0.2	5		CHILE-BOLIVIA BORDER REGION
	06	14 21 35.5?	44.25	N	8.78	E	10 G				0.4	7		NORTHERN ITALY. ML 2.2 (GEN).
	06	14 32 39.9	37.721	N	22.157	E	10 G	3.9			1.4	26		SOUTHERN GREECE. ML 3.6 (ATH).
	06	14 52 21.3	10.435	S	123.948	E	32 *	4.6			1.0	12		TIMOR REGION, INDONESIA
	06	15 34 29.0	31.985	S	68.484	W	141 ?				1.0	14		SAN JUAN PROVINCE, ARGENTINA. MD 4.0 (SAN).
	06	16 26 20.4?	38.11	N	27.08	E	10 G				0.9	8		TURKEY. MD 3.4 (ISK).
	06	16 31 23.4*	18.021	S	178.007	W	580 ?	4.7			0.9	25		FIJI ISLANDS REGION
	06	16 41 33.9*	19.047	N	96.849	E	33 N				0.9	8		MYANMAR
	06	18 10 54.8?	23.87	S	176.40	W	171 ?	5.0			0.9	11		SOUTH OF FIJI ISLANDS
	06	18 26 48.4	41.700	N	19.427	E	10 G				0.7	15		ALBANIA. ML 3.0 (TIR), 2.9 (TTG).
	06	18 45 37.4	47.355	N	6.970	E	10 G				0.4	11		FRANCE. ML 2.9 (LDG), 2.6 (STR).
	06	19 38 12.1%	38.884	S	176.352	E	107 *				0.8	33		NORTH ISLAND, NEW ZEALAND
	06	19 58 38.7*	38.698	N	26.577	E	10 G				0.6	7		AEGEAN SEA. MD 3.2 (ISK).
	06	21 23 38.1*	31.392	S	69.565	W	150 ?				0.9	13		SAN JUAN PROVINCE, ARGENTINA. MD 3.9 (SAN).
	06	22 23 17.1	4.842	S	103.312	E	103 *	5.1			0.9	53		SOUTHERN SUMATERA, INDONESIA
	06	23 45 05.3*	32.962	N	136.224	E	434 *	4.5			0.7	30		SOUTHEAST OF SHIKOKU, JAPAN
	07	00 28 03.0*	31.576	S	72.281	W	68 ?				1.0	14		OFF COAST OF CENTRAL CHILE. MD 4 3 (SAN).
	07	00 49 23.5&	34.378	N	116.901	W	3						9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.0 (GS). Felt.
	07	01 14 27.6*	7.117	N	76.686	W	33 N	4.3			1.5	12		NORTHERN COLOMBIA
	07	01 26 02.5?	31.84	S	68.52	W	159 ?				0.5	5		SAN JUAN PROVINCE, ARGENTINA
	07	01 41 55.9?	37 55	N	27.60	E	10 G				0.2	4		TURKEY MD 3.0 (ISK).
	07	01 58 41.9&	62.230	N	150.894	W	74						67	CENTRAL ALASKA. <AEIC>.
f	07	02 11 42.3	43.949	N	147.145	E	45 G	5	8	5.8	1	0	559	KURIL ISLANDS. Felt (VII) on Shikotan and (V) on Kunashir and Iturup. Felt at Nemuro and Kushiro, Hokkaido, Japan. Depth from broadband displacement seismograms.
	07	03 31 02.1&	34.363	N	116.928	W	1						10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 3.0 (GS). Felt.
	07	03 33 31 4&	34.362	N	116.923	W	1						23	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.0 (PAS), 3.9 (GS). Felt (IV) at Big Bear City and Fawnskin; (III) at Beaumont, Highland and La Quinta.
	07	03 35 11.8*	50.421	N	18.805	E	10 G				1.1	7		POLAND ML 3.1 (WAR).
	07	04 06 47.3	23.896	S	66.688	W	210	5.1			1.2	89		JUJUY PROVINCE, ARGENTINA
	07	04 45 08.2?	1.87	N	97.61	E	33 N	4.6			1.0	6		NORTHERN SUMATERA, INDONESIA
	07	05 20 41.5%	39.306	N	28.356	E	10 G				0.6	5		TURKEY. MD 2.7 (ISK).
	07	05 49 39.6	43.788	N	147.241	E	51	5	0	3.8	0.9	139		KURIL ISLANDS
	07	05 59 51.1&	56.439	N	147.546	W	10 G						28	GULF OF ALASKA. <AEIC>. ML 3.4 (AEIC).
	07	06 14 39.1*	24.383	N	122.460	E	10 G				0.9	5		TAIWAN REGION
	07	07 09 19.7	51.657	N	173.372	W	33 N	4.7	4.6		1.1	49		ANDREANOF ISLANDS, ALEUTIAN IS.
	07	07 14 48.4?	32.33	S	71.43	W	33 N				0.4	7		NEAR COAST OF CENTRAL CHILE. MD 3.4 (SAN).
	07	07 15 38.3%	37.973	S	175.886	E	268 ?				0.5	20		NORTH ISLAND, NEW ZEALAND
	07	07 18 03.4	43.002	N	18.782	E	10 G				0.9	10		NORTHWESTERN BALKAN REGION. ML 2.2 (TTG).
	07	07 45 09.8*	17.709	N	65.531	W	10 G				0.5	6		PUERTO RICO REGION
	07	07 50 33.3&	35.068	N	116.992	W	4						20	CENTRAL CALIFORNIA. <PAS-P>. ML 3.8 (PAS), 3.5 (GS). Felt at Borstow.
	07	07 54 15.6%	38.538	N	14.594	E	20				0.6	9		SICILY
	07	07 58 57.2&	34.361	N	116.917	W	1						3	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 2.7 (GS).
	07	09 07 48.2*	51.376	N	166.614	W	33 N	4.6			1.3	19		SOUTH OF ALEUTIAN ISLANDS
	07	09 53 44.6*	0.071	S	123.252	E	141 *	4.9			1.1	10		MINAHASSA PENINSULA, SULAWESI
	07	09 59 34.6%	40.653	N	30.058	E	10 G				0.4	5		TURKEY. MD 2.7 (ISK).
	07	10 57 19.7%	41.010	N	23.907	E	10 G				0.5	6		GREECE-BULGARIA BORDER REGION
	07	13 08 58.6*	51.031	N	15.830	E	10 G				1.1	8		POLAND. MG 2.8 (WAR).
	07	13 38 16.5&	57 939	N	142.548	W	10 G						20	GULF OF ALASKA. <AEIC>. ML 2.5 (AEIC).
	07	13 52 20.5?	5.77	S	146.11	E	109 *	4.6			1.3	6		EASTERN NEW GUINEA REG., P.N.G.
	07	14 22 24.2?	10.25	N	67.22	W	10 G				1.5	4		NEAR COAST OF VENEZUELA
	07	14 41 32.8&	33.535	N	118.406	W	0						4	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	07	14 58 02.5	5.979	N	125.934	E	152	5.0			0.9	41		MINDANAO, PHILIPPINE ISLANDS
	07	15 23 53.6?	44 58	N	7.49	E	10 G				0.1	4		NORTHERN ITALY. ML 1.4 (GEN).
	07	15 24 52.4	44.605	N	7.446	E	10 G				0.7	9		NORTHERN ITALY. ML 2.1 (GEN).
	07	16 39 11.5?	41.30	N	23.34	E	10 G				0.7	4		GREECE-BULGARIA BORDER REGION
	07	16 48 44.4?	10.60	S	123.50	E	33 N	4	0		0.8	5		TIMOR REGION, INDONESIA
	07	17 33 30.1	24.394	S	69.475	W	86	4.8			1.2	20		NORTHERN CHILE
	07	18 44 56.3*	19.185	S	67.149	W	203 ?				0.4	6		SOUTHERN BOLIVIA
	07	19 50 16.6*	21.510	S	179.167	W	524 *	4.8			0.9	22		FIJI ISLANDS REGION
	07	19 50 20.1%	46.889	N	1.672	E	10 G				0.8	8		FRANCE. ML 1.8 (LDG).
	07	21 04 34.4	42.450	N	13.410	E	10 G				0.8	13		CENTRAL ITALY. MD 3.0 (TRI).
	07	21 06 38.8&	62.229	N	148.949	W	42						55	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC).
	07	22 50 29.2	6.963	S	104.544	E	37 D	5.0	4.3		0	8	31	SUNDA STRAIT

	07	22 56 49.5	39 282	N	29.049	E	10	G			0.1	7	TURKEY. MD 2.7 (ISK).
	07	22 57 42.5&	38.818	N	122.765	W	2					19	NORTHERN CALIFORNIA. <BRK>. ML 3.2 (BRK).
	07	23 16 49.8	47.561	N	13.442	E	10	G			1.1	9	AUSTRIA. ML 2.3 (VIE).
	07	23 28 40.4	32.230	S	69.398	W	117	*			1 1	22	MENDOZA PROVINCE, ARGENTINA. MD 4.1 (SAN).
	07	23 37 24.8	40.716	N	23.096	E	10	G			0.4	10	GREECE. ML 1.9 (SKO).
	08	00 14 09.9&	33.967	N	116.300	W	0					6	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.7 (GS).
	08	00 45 23.7*	43.529	N	147.722	E	33	N	4.1		1.2	7	KURIL ISLANDS
a	08	02 24 26.1	15.483	S	168.012	E	34	D	5.7	5.1	1 0	228	VANUATU ISLANDS
	08	02 38 42.3?	37.96	N	20.74	E	10	G			0.6	6	IONIAN SEA. MD 3.3 (ATH).
a	08	04 08 29.0	3.443	N	125.816	E	102		5.0		1.1	98	TALAUD ISLANDS, INDONESIA
	08	05 00 05.0&	38.827	N	122.782	W	1					13	NORTHERN CALIFORNIA. <BRK>. ML 3.2 (BRK).
	08	05 22 54.0	50.519	N	157.372	E	37	D	5.2	4.4	1.0	144	KURIL ISLANDS
	08	05 34 26.5?	40.26	N	45.47	E	33	N	4.2		1.0	7	EASTERN CAUCASUS
	08	06 08 14.0?	10.41	N	85.82	W	33	N	4.1		1.3	9	COSTA RICA
a	08	06 28 46.5	10.141	N	103.836	W	10	G	4.9	5.1	1.3	75	OFF COAST OF MEXICO
a	08	07 08 39.9	9.291	N	93.479	E	66	D	6.0		1.1	532	NICOBAR ISLANDS, INDIA
	08	07 21 46.5	38.994	N	23.493	E	10	G			0.6	15	GREECE. ML 3.5 (ATH).
	08	08 18 30.5%	39.158	N	27.647	E	10	G			0.7	5	TURKEY. MD 2.8 (ISK).
	08	08 23 15.2&	36.845	N	121.602	W	8					25	CENTRAL CALIFORNIA. <BRK>. ML 2.7 (BRK).
	08	08 29 42.5?	46.57	S	165.71	E	135	?			0.7	16	OFF W. COAST OF S. ISLAND, N.Z.
	08	08 44 29.8	38.363	N	26.960	E	10	G	3.5		0.7	15	AEGEAN SEA. MD 3.7 (ATH), 3.5 (ISK).
	08	08 46 50.2?	17.39	N	120.06	E	10	G	4.0		0.5	5	LUZON, PHILIPPINE ISLANDS
	08	09 22 45.6?	35.99	S	71.69	W	100	G			0.4	10	CENTRAL CHILE. MD 4.2 (SAN).
	08	09 30 35.7	17.732	N	60.966	W	33	N	4.0		0.4	13	LEEWARD ISLANDS. ML 3.9 (FDF). MD 3.6 (TRN).
	08	09 32 17.7*	17.501	N	61.150	W	10	G			0.3	8	LEEWARD ISLANDS. ML 3.8 (FDF). MD 3.5 (TRN).
	08	09 39 48.3%	40.434	N	23.459	E	10	G			0.5	5	GREECE
	08	09 48 41.0?	16.32	S	67.85	E	10	G	5.0	4.6	1.2	12	MID-INDIAN RIDGE
	08	09 50 29.2*	7.590	N	76.505	W	10	G	4.6		0.9	8	NORTHERN COLOMBIA
	08	10 34 14.8%	37.320	N	2.759	W	10	G			0.4	7	SPAIN. mbLg 2.9 (MDD).
	08	10 58 03.9%	39.094	N	27.613	E	10	G			0.5	5	TURKEY. MD 2.8 (ISK).
	08	11 48 47.3%	43.896	N	7.108	E	10	G			0.4	7	NEAR SOUTH COAST OF FRANCE. ML 2.0 (GEN).
	08	12 00 09.6	1.300	N	125.665	E	90		4.9		1.0	23	NORTHERN MOLUCCA SEA
	08	12 02 42.4&	36.845	N	121.602	W	6					22	CENTRAL CALIFORNIA. <BRK>. ML 2.7 (BRK).
	08	12 14 17.3?	31.53	S	71.95	W	10	G			1.1	9	NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).
	08	12 29 04.5?	41.75	N	22.22	E	10	G			0.3	5	NORTHWESTERN BALKAN REGION. ML 2.0 (SKO).
	08	12 30 28.8&	34.997	N	116.950	W	5					6	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.3 (GS).
	08	13 13 45.1?	42.56	N	23.96	E	10	G			0.6	8	BULGARIA
	08	13 17 47.8	2.665	N	128.605	E	229	*	4.7		1.0	19	HALMAHERA, INDONESIA
	08	14 55 07.8	38.967	S	174.470	E	279	*			0.9	32	NORTH ISLAND, NEW ZEALAND
	08	14 56 50.7*	9.967	N	74.488	W	66	*	3.8		1.0	12	NORTHERN COLOMBIA
	08	15 12 15.3?	16.44	N	60 92	W	33	N			0.1	7	LEEWARD ISLANDS. ML 2.9 (FDF).
	08	15 54 05.5*	26.846	S	175.959	W	86	?	5.2		1.0	26	SOUTH OF TONGA ISLANDS
	08	17 00 51.8%	17.294	N	94.751	W	139	?			0.5	6	CHIAPAS, MEXICO
	08	17 30 42.5*	32.184	S	70.191	W	137	?			0.7	15	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
	08	17 44 01.8&	63.965	N	148.765	W	11					43	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
	08	18 16 09.0*	17.904	N	62 050	W	28		3 5		0.7	9	LEEWARD ISLANDS. ML 4.0 (FDF). MD 3.8 (TRN).
	08	19 13 39.6	39.248	N	0.523	W	11				1 0	18	SPAIN mbLg 3.6 (MDD). Felt (IV) in the Algemesi area.
	08	20 06 35.3&	34.515	N	116.534	W	0					4	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 2.7 (GS).
	08	20 35 09.8?	32.49	S	71.05	W	33	N			0.9	7	NEAR COAST OF CENTRAL CHILE. MD 3.4 (SAN).
	08	21 02 41.6?	32.63	S	70.43	W	10	G			0.4	8	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	08	21 13 33.9*	34.832	N	80.184	E	33	N	4 2		1.2	11	XIZANG
	08	21 38 47.2	43.164	N	0.352	W	10	G			0.5	11	PYRENEES. ML 3.0 (LDG). Felt (III) in the Ossau Valley, France.
	08	22 21 56.3*	23.081	S	63.884	W	560	*	4.3		1.1	12	SALTA PROVINCE, ARGENTINA
	08	22 33 44.0?	47.99	N	7.49	E	10	G			0.1	4	SWITZERLAND. ML 2.0 (LDG).
	08	23 00 57.6%	37.659	S	176.997	E	199	?			0.8	22	NORTH ISLAND, NEW ZEALAND
	08	23 22 04.5?	17.79	N	86.48	E	33	N	4.5		0.9	9	BAY OF BENGAL
	08	23 30 31.6	58.968	N	147.384	W	10	G			0 6	55	GULF OF ALASKA. ML 3.0 (AEIC).
	09	00 56 24.3	28.448	S	70.854	W	33	N			1.3	27	CENTRAL CHILE
	09	01 32 39.0	57.514	N	149.014	W	10	G	2.8		0 6	62	GULF OF ALASKA. ML 3 3 (AEIC).
	09	01 37 41.1?	17.24	S	34.79	E	33	N			0.9	5	MOZAMBIQUE. mbLg 3.9 (BUL).
	09	02 09 19.4&	61.308	N	147.332	W	8					95	SOUTHERN ALASKA. <AEIC>. ML 3.9 (AEIC), 4.0 (PMR). Felt (II) at Anchoroge and Palmer.
	09	02 23 07.4	0.250	S	124.636	E	75	*	4.7		1.1	25	SOUTHERN MOLUCCA SEA
	09	02 37 26.5	28.807	N	130.893	E	36	D	5.0	4.7	1.2	88	RYUKYU ISLANDS
	09	03 12 55.1*	31 898	S	71.892	W	33	N			0.4	10	NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN).
	09	03 39 34.5&	34.353	N	116.904	W	4					10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 2.8 (GS).
	09	04 24 05.8*	28.218	S	68.491	W	33	N			1.2	9	LA RIOJA PROVINCE, ARGENTINA
	09	04 25 55.8%	37.359	N	3.310	W	10	G			1.1	7	SPAIN. mbLg 2.7 (MDD).
	09	04 28 52.7&	59.949	N	153.404	W	159					58	SOUTHERN ALASKA. <AEIC>.
	09	04 56 47.1&	59.916	N	153.100	W	118		3.2			60	SOUTHERN ALASKA. <AEIC>.
a	09	05 12 43.8	39.821	N	143.510	E	30	D	5.2	5.1	1.1	137	OFF EAST COAST OF HONSHU, JAPAN
	09	05 41 50.1	39 669	N	143.877	E	24		4.8		1.1	22	OFF EAST COAST OF HONSHU, JAPAN
	09	05 59 10.8?	32.35	S	71.14	W	33	N			0.6	8	NEAR COAST OF CENTRAL CHILE. MD 3.4 (SAN).
a	09	06 27 43.3	56 559	S	142.556	W	10	G	5.7	5.5	1.1	31	PACIFIC-ANTARCTIC RIDGE. Mo=1.6*10**18 Nm (PPT).
	09	06 28 03.1%	47.667	N	0.630	E	10	G			0.3	12	FRANCE. ML 3.0 (LDG).
	09	06 35 27.2%	37 650	N	3.520	W	10	G			0.5	5	SPAIN. mbLg 2.5 (MDD).
	09	07 13 22.2	35 869	N	140.448	E	45		4.6	4.2	1.3	48	NEAR EAST COAST OF HONSHU, JAPAN
	09	07 45 06.3*	9.284	N	83.858	W	54	*	4.9		1.2	32	COSTA RICA. Felt in much of southern Costa Rica. Felt lightly in the Central Valley.
	09	07 45 21.8*	21.538	S	66.889	W	210	?			1.1	9	SOUTHERN BOLIVIA
	09	08 00 29.4	57.366	N	142.978	W	10	G			0.6	26	GULF OF ALASKA. ML 3.2 (AEIC), 3.4 (PGC).
	09	08 25 52.9	39.225	N	0.494	W	10	G			0.6	8	SPAIN. mbLg 3.2 (MDD). Felt (III) in the Algemesi area.
	09	09 28 35.0&	34.244	N	116.427	W	3					6	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 2.9 (GS). Felt.
	09	09 47 46.2	39.789	N	143.659	E	33	D	4.8		1.2	33	OFF EAST COAST OF HONSHU, JAPAN
	09	09 54 09.0?	3.15	S	139.20	E	33	N	4.9		0.9	10	IRIAN JAYA, INDONESIA
	09	10 05 29.5&	36.843	N	121.598	W	8					19	CENTRAL CALIFORNIA. <BRK>. ML 2.7 (BRK).
	09	11 06 04.3%	39.146	N	27.446	E	10	G			0.5	5	TURKEY. MD 2.8 (ISK).
	09	11 19 29.7	7.053	S	155.837	E	108	*	4.4		0.9	18	SOLOMON ISLANDS
	09	11 20 08.7&	61.835	N	151.996	W	120					52	SOUTHERN ALASKA. <AEIC>.
	09	11 48 16.6%	39.236	N	28.782	E	10	G			0 5	5	TURKEY. MD 2.7 (ISK).
	09	11 52 36.6%	39.248	N	28.717	E	10	G			0.9	6	TURKEY. MD 2.7 (ISK).

	09	12	14	04.6%	40.150	N	29.314	E	10	G		0.7	6	TURKEY MD 2.6 (ISK).
	09	12	45	44.2	40.984	N	22.764	E	10	G		0.2	6	GREECE. ML 1.8 (SKO).
	09	13	03	23.1	42.752	N	12.535	E	12			1.6	25	CENTRAL ITALY. ML 3.3 (VIE). MD 3.1 (TRI).
	09	13	17	38.3%	31.572	S	68.144	W	33	N		1.4	5	SAN JUAN PROVINCE, ARGENTINA
	09	14	16	29.2%	41.073	N	23.303	E	10	G		0.5	5	GREECE-BULGARIA BORDER REGION
	09	14	24	43.2*	35.590	N	140.558	E	33	N	4.3	0.6	6	NEAR EAST COAST OF HONSHU, JAPAN
	09	15	06	01.8	46.161	N	13.132	E	10	G		1.3	9	AUSTRIA. ML 2.4 (VIE). MD 2.1 (TRI).
	09	15	31	37.9&	63.182	N	150.509	W	15				52	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC), 3.0 (PMR).
	09	16	22	32.9	18.035	S	178.086	W	611	*	4.9	1.0	50	FIJI ISLANDS REGION
	09	16	30	11.7	61.423	N	5.828	E	10	G		0.5	7	SOUTHERN NORWAY. MD 2.1 (BER).
	09	19	16	07.3&	34.312	N	116.426	W	7				7	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 2 8 (GS).
	09	19	28	33.1*	13.282	N	88.606	W	103	D	4.5	1.3	38	EL SALVADOR. Felt (III) at San Salvador.
	09	19	47	07.5&	34.310	N	116.432	W	8				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.1 (GS).
	09	19	49	12.8	42.952	N	0.227	E	10	G		1.3	8	PYRENEES. ML 2.8 (LDG). mbLg 2.7 (MDD).
	09	20	26	11.6*	28.392	N	32.900	E	10	G		1.5	7	EGYPT. MD 3.5 (HLW).
	09	20	29	47.1	40.058	N	45.312	E	16	D	4.8 4.5	1.2	110	EASTERN CAUCASUS. Some houses destrayed (VII) in the Tarotumb areo; olso damage ot Kormrashen, Armenio. A landslide blocked 500 meters of highway in the epicentrol oreo, Armenia. Felt (V) at Kelbodzhor, Yerevon ond Abovyan, Armenio. Also felt in northwestern Iron.
	09	20	32	52.5	44.358	N	7.296	E	15			0.5	18	NORTHERN ITALY. ML 2.3 (LDG), 2.1 (GEN), 1.7 (STR).
	09	21	35	07.3?	39.38	N	28.72	E	10	G		0.4	5	TURKEY. MD 2.8 (ISK).
	09	22	57	03.3?	19.63	N	108.92	W	10	G	3.7	1.2	10	REVILLA GIGEDO ISLANDS REGION
	09	23	35	39.4&	36.537	N	121.137	W	10				15	CENTRAL CALIFORNIA. <BRK>. ML 2.7 (BRK).
	09	23	43	36.9	45.602	N	26.773	E	143		4.1	1.1	51	ROMANIA
	10	00	02	12.0&	34 566	N	116.554	W	5				7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	10	00	52	19.2	39.650	N	115.959	W	5	G		0.9	15	NEVADA. ML 3.2 (GS).
	10	01	03	13.5	35.728	N	116.582	W	5	G		0.9	14	CENTRAL CALIFORNIA. ML 3.1 (GS), 3.3 (PAS).
	10	02	14	39.1?	32.62	S	72.00	W	33	N		0.4	8	NEAR COAST OF CENTRAL CHILE. MD 3.4 (SAN).
	10	02	26	27.5&	34.971	N	116.934	W	0				16	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.2 (GS). Felt ot Borstow.
	10	03	02	53.8	38.095	N	26.982	E	8			1.1	17	AEGEAN SEA. ML 3.7 (ATH). MD 3.7 (ISK).
	10	05	34	55.2%	39.218	N	28.641	E	10	G		0.4	6	TURKEY. MD 2.9 (ISK).
	10	05	39	17.9&	59.561	N	152.827	W	96				44	SOUTHERN ALASKA. <AEIC>.
	10	07	49	54.6&	62.493	N	151.065	W	85		3.2		93	CENTRAL ALASKA. <AEIC>.
	10	08	41	56.4	31.729	S	69.295	W	128	*		0.6	17	SAN JUAN PROVINCE, ARGENTINA. MD 3.9 (SAN).
	10	09	02	19.9%	31.459	S	67.900	W	10	G		0.5	5	SAN JUAN PROVINCE, ARGENTINA
	10	10	17	59.6	38.023	N	26.818	E	10	G	4.1	1.2	42	AEGEAN SEA. ML 3.8 (ATH). MD 4.0 (ISK).
	10	11	23	01.7?	5.68	S	146.59	E	58	?	4.1	0.4	5	EASTERN NEW GUINEA REG., P.N.G.
	10	12	20	26.0&	34.269	N	116.905	W	8				5	SOUTHERN CALIFORNIA <PAS-P>. ML 2.7 (PAS).
o	10	13	54	37.7	24.402	S	178.955	E	529		5.2	1.0	87	SOUTH OF FIJI ISLANDS
	10	14	27	38.6?	39.60	N	26.03	E	10	G		0.4	6	TURKEY. MD 3.0 (ISK).
	10	14	29	04.8%	39.613	N	26.270	E	10	G		0.4	7	TURKEY. MD 3.1 (ISK).
	10	14	38	06.8%	40.615	N	23.049	E	10	G		0.3	5	GREECE
	10	15	35	49.8	31.744	S	67.517	W	10	G		1.2	16	SAN JUAN PROVINCE, ARGENTINA
	10	15	55	03.1%	39.152	N	0.636	W	10	G		1.1	5	SPAIN. mbLg 2.6 (MDD).
	10	16	54	29.5	39.558	N	26.243	E	10	G		0.5	15	TURKEY. MD 3.3 (ISK).
	10	16	57	21.6	39.270	N	28.828	E	10	G		0.9	11	TURKEY. MD 3.2 (ISK).
	10	17	43	27.3*	51.558	N	6.784	E	10	G		0.3	5	GERMANY
	10	17	48	07.3*	51.620	N	7.408	E	10	G		0.5	5	GERMANY
	10	18	03	36.4	6.130	N	82.522	W	15		4.9 4.4	1.1	73	SOUTH OF PANAMA
	10	18	05	50.9*	31.290	S	69.366	W	134	*		0.7	12	SAN JUAN PROVINCE, ARGENTINA. MD 3.8 (SAN).
	10	18	09	49.5?	6.36	S	129.81	E	262	?	4.4	1.3	6	BANDA SEA
	10	18	23	34.3&	34.152	N	116.413	W	6				11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.6 (PAS), 3.3 (GS).
	10	18	32	05.9?	44.29	N	148.65	E	33	N	3.4	1.5	7	KURIL ISLANDS
	10	18	56	43.3	7.804	N	94.198	E	33	N	4.7	0.9	21	NICOBAR ISLANDS, INDIA
	10	19	04	26.6	24.592	N	120.817	E	10	G		0.6	B	TAIWAN
	10	19	12	53.6%	39.958	N	28.899	E	10	G		0.5	6	TURKEY. MD 2.7 (ISK).
	10	19	13	10.4?	22.24	S	175.81	W	130	?	4.5	1.1	13	TONGA ISLANDS REGION
	10	20	40	38.9?	32.96	S	178.96	W	348	?		1.0	12	SOUTH OF KERMADEC ISLANDS
	10	20	47	58.5&	34.271	N	116.402	W	3				6	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.9 (GS).
	10	22	31	34.7?	5.20	N	126.18	E	33	N	4.4	1.5	9	MINDANAO, PHILIPPINE ISLANDS
	10	22	40	42.8*	11.817	S	166.358	E	46	D	4.9	1.0	28	SANTA CRUZ ISLANDS
	10	23	23	53.8*	32.199	N	5.786	W	10	G		1.0	6	MOROCCO. MD 3.5 (RBA).
	10	23	37	06.3*	32.186	N	5.782	W	10	G		0.7	6	MOROCCO. MD 3.4 (RBA).
	10	23	56	47.5%	41.288	N	7.518	W	30	*		0.3	6	PORTUGAL. mbLg 3.2 (MDD).
	11	00	45	09.5&	34.376	N	116.874	W	3				10	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.7 (GS).
	11	01	16	15.3	45.784	N	142.705	E	326		4.4	0.8	52	HOKKAIDO, JAPAN REGION
	11	01	38	34.2&	34.272	N	116.403	W	3				28	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.1 (PAS), 4.1 (GS). Felt.
	11	02	01	22.0*	82.917	N	6.290	W	10	G	4.7	1.2	33	NORTH OF SVALBARD
a	11	02	22	51.8	17 523	S	167.961	E	33	D	5.4 5.3	1.3	118	VANUATU ISLANDS
	11	02	34	34.9	38.791	N	23.587	E	10	G		0.6	21	GREECE. MD 3.3 (ATH).
	11	03	18	22.1*	30.744	S	72.000	W	10	G		1.1	20	OFF COAST OF CENTRAL CHILE. MD 4.6 (SAN).
	11	03	42	16.8?	24.60	S	179.58	E	579	?	4.2	1.0	8	SOUTH OF FIJI ISLANDS
	11	04	10	15.1	44.018	N	7.099	E	10	G		0.6	25	NORTHERN ITALY. ML 2.1 (LDG), 2.0 (GEN), 1.6 (STR).
	11	04	44	13.8*	28.558	N	53.920	E	33	N	4.6	1.1	22	SOUTHERN IRAN
	11	05	12	14.2&	36 833	N	121.592	W	5				25	CENTRAL CALIFORNIA. <BRK>. ML 3.1 (BRK).
	11	06	54	10.5*	7.727	N	76.458	W	33	N	4.2	1.5	8	NORTHERN COLOMBIA
	11	06	57	26.8	15.068	S	67.094	E	10	G	5.1 4.9	0.8	66	MID-INDIAN RIDGE
	11	07	29	59.6&	36.848	N	121.590	W	5				29	CENTRAL CALIFORNIA. <BRK>. ML 3.2 (BRK).
	11	07	33	50.5?	28.35	N	53.52	E	33	N	4.4	1.2	21	SOUTHERN IRAN
	11	08	00	15.6?	41.50	N	23.20	E	10	G		0.3	5	GREECE-BULGARIA BORDER REGION
	11	08	04	21.9&	36.845	N	121 585	W	5				18	CENTRAL CALIFORNIA. <BRK>. ML 2.9 (BRK).
	11	08	33	46.6?	16.77	S	172.98	W	33	N	4.4	1.1	6	SAMOA ISLANDS REGION
	11	08	33	50.3*	7.194	N	127.259	E	33	N	4.4	0.8	7	PHILIPPINE ISLANDS REGION
	11	09	25	29.7	32 892	N	46.391	E	54	*	4.8	0.9	37	IRAN-IRAQ BORDER REGION. Felt ot Dehloron, Iron.
	11	10	13	56.8*	31.443	S	72.848	W	10	G		1.4	19	OFF COAST OF CENTRAL CHILE. MD 4.5 (SAN).
	11	10	19	28.1?	31.57	S	72.57	W	6			1.2	17	OFF COAST OF CENTRAL CHILE. MD 4.6 (SAN).
	11	11	11	45.6?	5.98	S	147.65	E	82	?	4.5	1.7	6	EASTERN NEW GUINEA REG., P.N.G.
	11	11	37	39.0	42.423	N	43.530	E	33	N	4.2	0.9	20	NORTHWESTERN CAUCASUS
	11	12	47	27.3&	33.191	N	115.568	W	4				8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.8 (GS).

	11	12	50	00.8?	9.34	N	86.59	W	33	N	4.4	3.9	1.6	16	OFF COAST OF COSTA RICA
	11	12	56	39.0	41 688	N	22.376	E	10	G			0.9	9	NORTHWESTERN BALKAN REGION. ML 2.4 (SKO).
	11	12	58	50.2%	47.304	N	0.377	W	10	G			0.9	5	FRANCE. ML 2.4 (LDG).
	11	13	11	18.2*	41.834	N	17.876	E	10	G			1.0	11	ADRIATIC SEA. ML 2.6 (TTG).
	11	13	17	36.6&	37.475	N	118.827	W	10					20	CALIFORNIA-NEVADA BORDER REGION. <BRK>. ML 3.3 (BRK), 2.9 (GS).
	11	13	22	21.5?	40.12	N	28.05	E	10	G			0.8	4	TURKEY. MD 2.7 (ISK).
	11	13	31	40.0*	17.696	S	173.125	W	33	N	5.0	5.3	1.5	50	TONGA ISLANDS
	11	13	44	23.5	40.836	S	175.104	E	55	*			0.6	23	NORTH ISLAND, NEW ZEALAND
	11	13	48	05.9%	34.759	S	70.696	W	100	G			0.3	10	CHILE-ARGENTINA BORDER REGION. MD 4.0 (SAN).
	11	13	51	11.8	41.587	N	13.973	E	10	G			1.1	10	SOUTHERN ITALY
	11	13	57	24.3&	62.252	N	148.433	W	19					84	CENTRAL ALASKA. <AEIC>. ML 2.9 (AEIC), 3.2 (PMR).
	11	14	45	55.3?	31.73	S	71.68	W	33	N			1.0	13	NEAR COAST OF CENTRAL CHILE. MD 4.2 (SAN).
	11	16	01	26.1*	43.422	N	5.429	E	10	G			0.6	17	NEAR SOUTH COAST OF FRANCE
	11	16	19	19.6?	47.02	N	1.15	W	10	G			0.8	7	FRANCE. ML 2.6 (LDG).
	11	16	36	34.7%	47.189	N	0.481	W	10	G			1.0	5	FRANCE. ML 2.5 (LDG).
	11	17	45	54.5%	39.318	N	28.836	E	10	G			0.4	5	TURKEY. MD 2.9 (ISK).
	11	17	58	20.6	14.860	S	75.803	W	39	*	4.6		0.7	17	NEAR COAST OF PERU
	11	18	49	44.4&	61.990	N	150.529	W	8					57	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	11	19	05	08.7?	24.59	S	179.90	W	561	?	4.8		1.3	17	SOUTH OF FIJI ISLANDS
	11	19	12	44.1	38.342	N	27.146	E	10	G			1.4	14	TURKEY. MD 3.6 (ISK), 3.6 (ATH).
	11	19	32	30.1	41.865	N	20.081	E	10	G			0.7	22	ALBANIA. ML 3.0 (TTG), 2.8 (TIR).
	11	19	34	30.3	41.866	N	20.034	E	10	G	3.6		1.0	95	ALBANIA. ML 4.2 (ROM), 3.7 (TIR). MD 3.8 (TTG).
	11	19	37	16.0*	41.847	N	20.080	E	10	G			0.6	5	ALBANIA. ML 2.2 (TIR).
	11	19	45	31.9?	32.59	S	71.65	W	33	N			0.5	9	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	11	19	47	59.0*	41 844	N	20.074	E	10	G			0.5	10	ALBANIA. ML 2.3 (TTG).
	11	19	57	41.3	41.872	N	20.107	E	10	G			0.9	32	ALBANIA. ML 3.1 (TIR), 3.1 (TTG).
	11	20	02	23.3	41.862	N	20.088	E	10	G			0.8	10	ALBANIA. ML 1.9 (TTG).
	11	20	12	05.8	41 852	N	20.096	E	10	G			0.6	15	ALBANIA. ML 2.5 (TTG), 2.4 (TIR).
	11	20	24	33.3	58.671	N	143.736	W	10	G			0.5	27	GULF OF ALASKA. ML 2.8 (AEIC), 3.2 (PGC).
	11	20	38	47.8*	31.733	N	131.969	E	43	*	4.1		0.6	9	KYUSHU, JAPAN
	11	21	06	53.8&	34 269	N	116.401	W	3					7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.7 (GS).
	11	21	09	44.9?	35.37	S	70.05	W	169	?			0.4	12	CHILE-ARGENTINA BORDER REGION. MD 4.2 (SAN).
	11	21	10	10.0*	41.865	N	20.090	E	10	G			0.7	10	ALBANIA. ML 2.1 (TTG).
	11	21	18	53.7?	8.14	S	120.92	E	169	*	4.8		0.9	15	FLORES REGION, INDONESIA
	11	21	28	00.7*	24.631	N	123.855	E	33	N	4.3		1.7	12	SOUTHWESTERN RYUKYU ISLANDS
	11	21	43	30.3%	40.693	N	29.910	E	5	G			0.4	10	TURKEY. MD 3.1 (ISK).
q	11	22	12	56.0	59.572	S	26.101	W	33	N	5.5		1.2	47	SOUTH SANDWICH ISLANDS REGION
	11	22	42	42.4*	20.139	S	70.629	W	44	?	4.7		1.3	8	NEAR COAST OF NORTHERN CHILE
	11	22	55	37.0?	26.93	S	67.34	W	33	N			1.3	11	CATAMARCA PROVINCE, ARGENTINA
	11	23	08	18.8*	31.738	N	131.952	E	51	*	4.0		0.8	7	KYUSHU, JAPAN
	11	23	19	10.3%	40.019	N	28.895	E	10	G			0.8	12	TURKEY. MD 3.1 (ISK).
	12	00	31	44.4&	34.356	N	116.896	W	5					11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.3 (GS).
	12	00	40	47.9?	25.67	N	45.63	W	10	G	4.2		1.2	7	NORTHERN MID-ATLANTIC RIDGE
	12	01	46	22.7?	13.29	S	166.93	E	33	N	4.6		1.1	48	VANUATU ISLANDS
	12	01	56	32.7	39.379	N	27.394	E	10	G			0.6	7	TURKEY. MD 3.0 (ISK).
	12	02	27	13.0*	24.255	N	122.096	E	10	G	4.2		1.3	6	TAIWAN REGION
	12	02	32	53.6%	29.743	S	68.375	W	109	?			0.7	7	SAN JUAN PROVINCE, ARGENTINA
	12	03	57	26.6&	65 009	N	151.117	W	14					29	NORTHERN ALASKA. <AEIC>. ML 3.5 (AEIC), 3.9 (PMR).
	12	04	39	59.7	39.117	S	175.069	E	164		4.8		1.3	56	NORTH ISLAND, NEW ZEALAND
	12	04	45	27.4*	24.111	S	66.726	W	228	*	4.2		1.2	12	SALTA PROVINCE, ARGENTINA
	12	04	49	47.9*	31.779	N	132.099	E	33	N	3.9		1.2	7	SOUTHEAST OF SHIKOKU, JAPAN
	12	05	02	04.3	34.362	N	141.684	E	21	D	5.0	5.6	1.1	129	OFF EAST COAST OF HONSHU, JAPAN
	12	05	02	15.1%	34.460	S	148.518	E	10	G			0.9	6	NEW SOUTH WALES, AUSTRALIA. ML 3.1 (RIV).
	12	05	14	03.7&	59.064	N	154.448	W	133					40	SOUTHERN ALASKA. <AEIC>.
f	12	05	29	26.3	8.480	S	121.896	E	28	G	6.5	7.5	1.4	457	FLORES REGION, INDONESIA. Ms 7.5 (BRK). Mo=8.0*10**20 Nm (PPT). At least 2,500 people killed or missing in the Flores region, including 1,490 at Maumere and 700 on Babi. More than 500 people were injured and 90,000 were left homeless. Nineteen people killed and 130 houses destroyed on Kalaotoa. Severe damage, with approximately 90 percent of the buildings destroyed at Maumere by the earthquake and tsunami; 50 to 80 percent of the structures on Flores were damaged or destroyed. Damage also occurred on Sumba and Alor. The tsunami on Flores ran inland as much as 300 meters with wave heights of 25 meters. Landslides and ground cracks were reported at several locations on the island. Felt (V) at Larantuka, Flores; (IV) at Waingapu, Sumba and Ujung Pandang, Sulawesi; (II) at Kupang, Timor. Depth from broadband displacement seismograms.
	12	05	36	19.8&	34.276	N	116.405	W	3					8	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 2.8 (GS). Felt.
	12	05	43	47.4*	8.520	S	122.002	E	21	D	5.7		1.6	22	FLORES REGION, INDONESIA
	12	06	31	37.2*	8.383	S	121.796	E	33	N	5.4		1.2	30	FLORES REGION, INDONESIA
	12	06	33	37.8*	36.567	N	9.889	W	33	N			0.7	21	WEST OF GIBRALTAR. mbLg 3.4 (MDD).
	12	06	38	29.4	8.517	S	121.928	E	21	D	6.1	6.0	1.1	198	FLORES REGION, INDONESIA
	12	06	39	08.3%	18.338	N	101 354	W	33	N			1.7	7	GUERRERO, MEXICO
	12	06	56	02.6	41 021	N	21.009	E	10	G			1.0	11	NORTHWESTERN BALKAN REGION. ML 2.5 (SKO).
	12	07	01	32.1?	8.19	S	122.84	E	33	N	5.1		1.0	14	FLORES REGION, INDONESIA
	12	07	32	33.2*	8.447	S	122.066	E	26	D	5.0		1.2	24	FLORES REGION, INDONESIA
	12	07	51	31.9*	8.533	S	122.190	E	33	N	5.0		1.3	15	FLORES REGION, INDONESIA
	12	07	58	23.8	8.324	S	122.395	E	26	D	5.0		1.1	38	FLORES REGION, INDONESIA
	12	08	11	14.1?	8.83	S	122.32	E	33	N	5.0		1.1	15	FLORES REGION, INDONESIA
	12	08	50	14.7*	8.461	S	122.249	E	33	N	4.8		0.7	12	FLORES REGION, INDONESIA
	12	09	04	05.6?	9.56	S	122.35	E	33	N	5.0		1.1	17	SAVU SEA
	12	09	21	10.2?	8.67	S	122.25	E	33	N	4.6		0.4	6	FLORES REGION, INDONESIA
	12	10	29	24.5	17.722	S	172.562	W	16	D	5.4	5.2	1.3	101	TONGA ISLANDS REGION
	12	10	30	49.2?	8.22	S	122.60	E	33	N	4.4		1.6	6	FLORES REGION, INDONESIA
	12	10	31	46.1%	15.344	N	122.130	E	33	N			0.4	6	PHILIPPINE ISLANDS REGION
	12	10	35	54.1?	15.69	N	122.66	E	33	N			0 1	4	PHILIPPINE ISLANDS REGION
	12	10	36	48.0*	8.387	S	122.568	E	33	N	5.0		1 4	14	FLORES REGION, INDONESIA
	12	11	05	57.9?	10 35	S	122.69	E	33	N	4.4		0 8	8	SAVU SEA

	12	11	53	37.0?	42.59	N	13.22	E	10	G			1.0	4	CENTRAL ITALY
	12	12	05	24.0	40.119	N	69.767	E	33	N	4.7		1.1	15	TAJIKISTAN
	12	12	13	45.0*	8.626	S	122.221	E	33	N	4.4		1.0	6	FLORES REGION, INDONESIA
	12	12	16	50.8?	33.13	S	70.21	W	100	?			0.4	9	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
	12	12	24	24.0%	47.604	N	6.806	E	10	G			0.8	5	FRANCE. ML 2.2 (LDG).
	12	12	30	02.0	8.373	S	122.405	E	20	D	5.2	5.0	1.3	89	FLORES REGION, INDONESIA
	12	13	25	28.0&	59.924	N	152.470	W	76					52	SOUTHERN ALASKA. <AEIC>.
	12	13	43	36.1?	8.60	S	122.00	E	33	N	4.3		0.8	5	FLORES REGION, INDONESIA
	12	13	44	59.3	17.914	S	178.639	W	539		5.0		1.1	66	FIJI ISLANDS REGION
	12	13	52	44.8*	8.845	N	70.896	W	33	N	4.3		1.5	13	VENEZUELA. Slight damage to some buildings at Merida. Felt in the Merida area.
	12	14	20	56.7	25.473	N	91.414	E	41	D	5.0		0.9	112	INDIA-BANGLADESH BORDER REGION
	12	14	45	14.4*	8.399	S	122.412	E	33	N	4.7		1.1	17	FLORES REGION, INDONESIA
	12	14	54	23.1	8.374	S	122.198	E	33	N	5.2		1.2	50	FLORES REGION, INDONESIA
	12	14	55	56.7?	27.77	N	143.78	E	33	N	4.6		1.6	10	BONIN ISLANDS REGION
	12	15	13	31.8	38.546	S	175.679	E	190	*			0.5	26	NORTH ISLAND, NEW ZEALAND
	12	15	53	46.4&	36.850	N	121.603	W	7					33	CENTRAL CALIFORNIA. <BRK>. ML 3.7 (BRK), 3.7 (GS). Felt (IV) at Aromas. Also felt in the San Juan Bautista area.
	12	15	58	52.8&	36.847	N	121.588	W	5					27	CENTRAL CALIFORNIA. <BRK>. ML 3.6 (BRK), 3.6 (GS). Felt (IV) at Aromas. Also felt in the San Juan Bautista area.
	12	15	59	19.9	33.175	S	70.399	W	10	G			1.4	10	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
	12	15	59	56.0?	44.12	N	149.27	E	33	N	3.2		1.1	7	KURIL ISLANDS
	12	16	26	36.3&	58.378	N	153.846	W	66					48	KODIAK ISLAND REGION. <AEIC>. ML 3.0 (AEIC).
	12	16	42	18.2*	8.474	S	122.071	E	33	N	5.0		0.8	18	FLORES REGION, INDONESIA
	12	16	50	35.4	23.995	S	66.950	W	208		3.7		1.1	17	JUJUY PROVINCE, ARGENTINA
	12	16	58	40.7*	8.620	S	122.373	E	33	N	4.5		1.2	8	FLORES REGION, INDONESIA
	12	17	03	45.1%	31.809	S	68.663	W	30				0.5	7	SAN JUAN PROVINCE, ARGENTINA
	12	17	04	56.1&	36.818	N	121.560	W	7					13	CENTRAL CALIFORNIA. <BRK>. ML 2.5 (BRK).
	12	17	15	17.4?	8.75	S	122.15	E	33	N	4.9		1.1	8	FLORES REGION, INDONESIA
	12	17	18	54.3?	13.36	N	90.97	W	68	?	4.6		1.5	15	NEAR COAST OF GUATEMALA
	12	17	20	51.3%	39.668	N	28.446	E	10	G			0.2	5	TURKEY. MD 2.6 (ISK).
	12	18	09	49.6?	60.35	N	4.67	E	10	G			0.2	4	SOUTHERN NORWAY. MD 1.2 (BER).
	12	18	49	55.1%	33.199	N	132.404	E	33	N			0.5	5	SHIKOKU, JAPAN
	12	19	19	18.3	8.531	S	122.145	E	33	N	5.1	4.7	1.2	60	FLORES REGION, INDONESIA
	12	19	38	28.7	33.825	N	137.112	E	366		4.5		1.0	47	NEAR S. COAST OF HONSHU, JAPAN
	12	20	27	26.7&	61.727	N	149.902	W	37					58	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
	12	21	18	10.1%	39.306	N	29.277	E	5	G			0.4	8	TURKEY. MD 2.9 (ISK).
	12	21	20	35.3*	8.335	S	122.396	E	33	N	4.7		1.4	24	FLORES REGION, INDONESIA
	12	21	40	37.9	24.675	N	122.648	E	106		4.4		1.0	29	TAIWAN REGION
a	12	21	43	10.0	8.483	S	121.964	E	23	D	5.4	4.8	1.3	129	FLORES REGION, INDONESIA
	12	21	57	26.8*	8.077	S	122.747	E	20	D	4.8		1.3	24	FLORES REGION, INDONESIA
	12	22	15	24.2?	8.82	S	118.24	E	33	N	4.8		1.7	9	SUMBAWA REGION, INDONESIA
	12	22	23	48.1	8.318	S	122.550	E	21	D	5.4		1.3	107	FLORES REGION, INDONESIA
	12	22	36	44.9?	8.07	S	123.05	E	33	N	4.5		1.0	15	FLORES REGION, INDONESIA
	12	22	41	34.4	8.152	S	122.714	E	33	N	5.0		1.3	47	FLORES REGION, INDONESIA
	12	22	50	45.8?	38.75	N	24.59	E	10	G			1.6	9	AEGEAN SEA. MD 3.1 (ATH).
	12	23	36	36.1	8.235	S	122.681	E	33	N	5.0		1.1	29	FLORES REGION, INDONESIA
	13	00	36	00.1	42.841	N	2.032	E	10	G			0.2	6	PYRENEES. ML 2.5 (LDG).
	13	00	46	21.3?	32.42	S	178.63	E	489	?			1.4	13	SOUTH OF KERMADEC ISLANDS
	13	01	13	49.8	44.479	N	7.292	E	10	G			0.5	19	NORTHERN ITALY. ML 2.3 (LDG), 2.2 (GEN).
	13	01	39	22.5	37.906	N	142.943	E	33	N	4.1		1.1	22	OFF EAST COAST OF HONSHU, JAPAN
	13	01	41	35.7?	46.03	N	2.86	E	10	G			0.6	4	FRANCE. ML 1.6 (LDG).
	13	02	20	28.9?	8.71	S	123.11	E	33	N	4.4		1.4	10	FLORES REGION, INDONESIA
	13	02	30	37.2?	9.61	S	122.06	E	33	N	4.7		0.9	10	SAVU SEA
	13	02	38	57.5%	41.230	N	25.898	E	10	G			1.2	10	GREECE-BULGARIA BORDER REGION
	13	04	14	03.6&	34.981	N	116.946	W	4					22	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.8 (PAS), 3.6 (GS). Felt (III) at Daggett and Yermo
	13	04	15	06.2?	8.55	S	121.99	E	33	N	4.7		1.1	5	FLORES REGION, INDONESIA
	13	04	28	48.4*	21.122	N	108.301	W	10	G	4.2		1.0	21	REVILLA GIGEDO ISLANDS REGION
	13	04	33	42.6	44.158	N	8.750	E	10	G			0.8	31	NORTHERN ITALY. ML 2.7 (LDG), 2.4 (GEN), 2.1 (STR).
	13	04	48	42.7?	18.96	N	67.21	W	33	N			0.4	6	MONA PASSAGE
	13	04	51	54.3?	8.41	S	122.07	E	33	N	4.6		1.3	8	FLORES REGION, INDONESIA
	13	04	56	38.8&	59.924	N	152.332	W	70					61	SOUTHERN ALASKA. <AEIC>. ML 3.3 (AEIC).
	13	05	07	40.6*	4.113	S	32.254	E	33	N	4.6		1.7	12	TANZANIA
	13	05	30	58.3&	34.016	N	116.344	W	1					6	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.0 (GS).
	13	06	07	22.8?	32.49	S	71.76	W	10	G			0.6	10	NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).
	13	06	20	35.4?	40.85	N	28.61	E	5	G			0.7	5	TURKEY. MD 2.6 (ISK).
	13	06	32	56.9?	9.92	S	34.34	E	33	N	4.4		1.2	10	TANZANIA. mbLg 4.1 (BUL).
	13	06	40	36.0*	33.181	S	72.111	W	12				0.4	12	OFF COAST OF CENTRAL CHILE. MD 4.1 (SAN).
	13	06	50	23.2	41.263	N	22.743	E	10	G			0.3	6	NORTHWESTERN BALKAN REGION. ML 1.6 (SKO).
	13	06	50	28.3*	33.159	S	72.101	W	10	G			0.4	11	OFF COAST OF CENTRAL CHILE. MD 4.1 (SAN).
	13	06	52	07.9%	40.629	N	25.422	E	10	G			0.7	5	AEGEAN SEA
	13	07	59	55.0%	23.789	N	107.966	E	33	N			1.6	9	SOUTHEASTERN CHINA. ML 4.3 (BJI).
	13	09	03	30.1?	8.95	S	123.47	E	33	N	4.2		1.0	6	FLORES REGION, INDONESIA
	13	09	27	02.1?	33.23	S	71.89	W	10	G			0.7	12	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	13	11	22	34.9	35.527	N	130.054	E	27	D	4.4		0.7	9	SEA OF JAPAN
	13	11	47	47.0?	33.14	S	72.20	W	26				0.7	12	OFF COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	13	11	51	32.8	26.368	S	27.419	E	5	G			1.4	12	REPUBLIC OF SOUTH AFRICA. ML 3.2 (PRE). mbLg 3.2 (BUL).
	13	12	01	18.2?	46.08	N	5.93	E	10	G			0.1	4	FRANCE. ML 2.0 (LDG).
	13	12	29	55.8	51.515	N	179.752	E	75	D	4.6		1.1	71	RAT ISLANDS, ALEUTIAN ISLANDS
	13	14	01	43.3	44.371	N	7.199	E	10	G			0.6	10	NORTHERN ITALY. ML 1.9 (LDG), 1.7 (GEN).
	13	14	20	08.6	40.757	S	176.206	E	72	*			1.0	32	NORTH ISLAND, NEW ZEALAND
	13	14	25	47.7*	38.370	S	175.400	E	180	G			1.1	20	NORTH ISLAND, NEW ZEALAND
	13	15	05	22.3&	63.552	N	151.002	W	13					87	CENTRAL ALASKA. <AEIC>. ML 3.8 (AEIC), 4.0 (PMR).
	13	15	22	56.8	17.292	N	120.444	E	47	*	4.2		1.2	20	LUZON, PHILIPPINE ISLANDS
	13	15	41	54.6%	40.814	N	27.637	E	10	G			0.6	6	TURKEY. MD 2.7 (ISK).
	13	15	53	49.2?	8.47	S	122.55	E	33	N			1.1	9	FLORES REGION, INDONESIA
	13	16	06	30.1*	15.876	N	92.607	W	184	*	4.0		1.1	13	MEXICO-GUATEMALA BORDER REGION
	13	17	01	45.5?	37.92	N	26.62	E	10	G			0.5	4	DODECANESE ISLANDS. MD 3.2 (ISK).
	13	17	33	36.9*	8.777	S	122.037	E	33	N	4.8		1.3	10	FLORES REGION, INDONESIA
	13	18	51	02.2?	9.07	S	123.10	E	33	N	4.4		0.7	8	TIMOR REGION, INDONESIA

	13	19	01	18.5	2.888	N	125.144	E	191	D	4.8	1.3	81	TALAUD ISLANDS, INDONESIA
	13	19	50	13.6	9.228	S	74.829	W	79	*	4.7	1.0	48	CENTRAL PERU
	13	19	52	09.3?	49.47	N	0.75	E	10	G		0.7	9	FRANCE. ML 2.5 (LDG).
	13	20	16	13.4?	12.71	N	144.88	E	68	*	4.3	0.5	8	SOUTH OF MARIANA ISLANDS
	13	20	25	43.0?	45.30	N	14.47	E	10	G		0.8	6	NORTHWESTERN BALKAN REGION
	13	20	32	53.7?	32.39	S	71.84	W	33	N		0.5	8	NEAR COAST OF CENTRAL CHILE. MD 3.4 (SAN).
	13	21	00	13.4*	45.290	N	14.592	E	10	G		0.9	11	NORTHWESTERN BALKAN REGION. MD 2.3 (TRI).
	13	21	10	50.1&	33.978	N	116.314	W	1				4	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	13	21	42	19.1&	63.207	N	150.604	W	134		2.8		77	CENTRAL ALASKA. <AEIC>.
	13	22	10	17.9*	8.423	S	122.691	E	33	N	4.6 4.1	1.6	20	FLORES REGION, INDONESIA
	13	23	01	30.6?	6.74	N	80.44	W	33	N	3.8	0.8	5	SOUTH OF PANAMA
	14	00	48	00.1?	9.54	S	124.13	E	33	N		1.1	5	TIMOR REGION, INDONESIA
	14	00	55	07.6?	6.29	S	154.10	E	33	N	4.4	0.9	6	SOLOMON ISLANDS
	14	00	56	34.4	36.553	N	105.665	E	10	G	3.9	1.3	10	WESTERN NEI MONGOL, CHINA. ML 4.1 (BJI).
	14	01	10	52.6	47.739	N	16.070	E	10	G		1.0	10	AUSTRIA. ML 3.4 (GRF), 3.0 (BRA), 2.8 (VIE). Felt (IV) at Ternitz.
	14	01	21	27.7*	6.918	N	73.208	W	162	*	4.4	1.6	8	NORTHERN COLOMBIA
	14	02	16	17.2?	8.99	S	121.92	E	33	N	4.5	1.4	6	FLORES REGION, INDONESIA
	14	02	45	59.2	13.655	N	145.000	E	97	D	5.0	1.2	81	MARIANA ISLANDS. Felt (V) on Guam and (III) on Saipan.
a	14	02	52	08.0	52.126	N	178.761	E	130	D	5.5	1.0	306	RAT ISLANDS, ALEUTIAN ISLANDS. Felt (IV) on Amchitka.
a	14	04	15	15.0	19.791	N	109.220	W	10	G	4.8	1.1	60	REVILLA GIGEDO ISLANDS REGION
	14	04	28	25.7	10.058	N	70.073	W	10	G	3.8	0.6	7	VENEZUELA. Felt at El Tacuyo.
	14	05	54	52.4*	43.433	N	17.719	E	10	G		1.3	10	NORTHWESTERN BALKAN REGION. ML 2.4 (TTG).
	14	06	16	46.7*	31.161	S	68.582	W	124	?		0.5	8	SAN JUAN PROVINCE, ARGENTINA
	14	06	44	11.7?	19.07	N	67.27	W	33	N		0.3	7	MONA PASSAGE
a	14	07	41	00.3	14.029	S	170.753	E	622	D	5.5	1.1	381	VANUATU ISLANDS REGION
	14	08	05	18.5%	46.924	N	0.053	W	10	G		1.5	8	FRANCE. ML 2.2 (LDG).
	14	09	58	55.2&	34.953	N	116.944	W	0				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 2.8 (GS).
	14	10	01	57.5%	42.119	N	19.631	E	10	G		0.5	9	NORTHWESTERN BALKAN REGION. ML 1.8 (TTG).
	14	10	54	27.8*	29.869	N	139.058	E	445	?	4.2	1.4	15	SOUTH OF HONSHU, JAPAN
	14	12	18	34.5?	42.36	N	8.51	W	10	G		1.5	4	SPAIN. mbLg 3 0 (MDD).
	14	12	49	49.8*	16.420	S	73.625	W	33	N	4.7	1.5	21	NEAR COAST OF PERU
	14	13	47	03.2?	9.78	S	122.72	E	96	?	4.8	1.4	8	SAVU SEA
	14	13	56	40.5*	39.577	S	174.176	E	172	*		0.3	22	NORTH ISLAND, NEW ZEALAND
	14	14	03	05.5	39.973	S	174.597	E	121	*		0.3	20	NORTH ISLAND, NEW ZEALAND
	14	14	50	36.5%	32.791	S	71.202	W	41	*		0.6	11	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	14	15	04	27.4*	66.277	N	7.569	E	30	*		0.8	9	NORWEGIAN SEA MD 3.3 (BER).
	14	15	28	41.1&	62.188	N	150.452	W	10				37	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
	14	15	28	42.0&	58.987	N	154.212	W	108				22	ALASKA PENINSULA. <AEIC>.
	14	17	43	02.6?	3.52	N	126.72	E	90	?	4.7	1.1	16	TALAUD ISLANDS, INDONESIA
	14	17	46	57.3&	34.341	N	116.912	W	3				6	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.8 (GS).
	14	18	00	35.3?	1.02	N	122.43	E	33	N	4.6 4.1	1.2	15	MINAHASSA PENINSULA, SULAWESI
	14	18	01	34.8*	7.413	N	76.610	W	33	N	3.8	1.4	6	NORTHERN COLOMBIA. MD 4.3 (UPA).
a	14	19	13	04.2	34.666	S	179.553	E	247	D	5.5	1.5	207	SOUTH OF KERMADEC ISLANDS
	14	19	26	24.4	45.894	N	15.316	E	10	G		0.4	6	NORTHWESTERN BALKAN REGION
	14	19	52	08.2&	34.975	N	116.798	W	2				12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 2.9 (GS).
	14	19	57	49.4*	8.205	S	107.169	E	33	N	5.0	1.4	32	JAWA, INDONESIA
	14	20	34	11.3*	45.450	N	14.386	E	10	G		1.5	7	NORTHWESTERN BALKAN REGION. MD 1.8 (TRI).
	14	20	40	49.3*	8.319	S	122.645	E	33	N	4.9	1.4	23	FLORES REGION, INDONESIA
	14	20	45	00.8	49.173	N	6.933	E	10	G		0.8	20	GERMANY. ML 2 5 (STR). MD 2.5 (UCC).
	14	20	52	09.8*	10.679	N	62.586	W	33	N		0.6	7	NEAR COAST OF VENEZUELA. MD 3.5 (TRN).
	14	20	57	38.5	44.986	N	6.603	E	10	G		0.5	17	FRANCE. ML 2.2 (GEN), 2.2 (LDG).
	14	22	18	29.3	44.474	N	7.304	E	10	G		0.4	12	NORTHERN ITALY. ML 2.0 (GEN), 2.0 (LDG).
	14	22	38	32.4?	8.71	S	122.28	E	154	?		0.2	5	FLORES REGION, INDONESIA
	14	23	21	32.5	23.510	S	68.736	W	101	D	4.7	1.3	34	NORTHERN CHILE
	14	23	26	22.4*	6.787	N	72.944	W	170	*	4.1	1.4	10	NORTHERN COLOMBIA
	15	00	40	15.8*	16.658	S	73.414	W	53	D	4.8	1.5	33	NEAR COAST OF PERU
	15	00	52	20.4*	8.409	S	122.455	E	33	N	4.8	1.3	16	FLORES REGION, INDONESIA
	15	00	54	27.8	39.060	N	30.794	E	10	G		1.4	13	TURKEY. MD 3.6 (ISK). Felt at Emirdag and Sivrihisar.
	15	01	45	50.9*	33.398	N	45.508	E	33	N	4.2	1.3	11	IRAN-IRAQ BORDER REGION. Felt at Dehloran, Iran.
	15	02	10	42.5?	8.10	S	117.95	E	33	N	4.7	1.3	9	SUMBAWA REGION, INDONESIA
	15	03	04	49.7?	32.59	S	72.31	W	10	G		0.3	8	OFF COAST OF CENTRAL CHILE. MD 3.7 (SAN).
	15	03	14	42.4&	61.621	N	151.708	W	89		3.1		85	SOUTHERN ALASKA <AEIC>.
	15	03	41	50.5	23.301	S	68.302	W	161	*		1.3	24	NORTHERN CHILE
	15	03	50	25.8*	30.413	S	177.152	W	33	N	5.1	1.7	15	KERMADEC ISLANDS, NEW ZEALAND
	15	04	18	14.9?	18.97	N	67.18	W	33	N		0.4	6	MONA PASSAGE
	15	04	24	54.3*	14.718	N	55.629	E	10	G	5.0	1.3	26	ARABIAN SEA
	15	05	25	33.8&	59.950	N	152.778	W	96				43	SOUTHERN ALASKA. <AEIC>.
	15	06	48	08.5&	34.262	N	116.735	W	1				11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 2.8 (GS).
	15	07	24	51.5	8.707	N	126.776	E	22	D	5.0 4.6	1.2	54	MINDANAO, PHILIPPINE ISLANDS
	15	07	25	35.7*	38.671	N	141.949	E	82	*	4.1	0.8	12	NEAR EAST COAST OF HONSHU, JAPAN
	15	09	14	32.4*	51 600	N	16.135	E	10	G		1.0	8	POLAND. MG 3.2 (WAR).
	15	09	23	56.7	31.629	S	69.565	W	130	G		0.8	17	SAN JUAN PROVINCE, ARGENTINA. MD 3.9 (SAN).
	15	10	25	53.7	45.465	N	26.290	E	146		4.3	1.2	93	ROMANIA. Felt in the Vrancea area and at Bucharest.
	15	10	41	06.0	8.203	S	122.594	E	23	D	5.2 4.7	1.4	73	FLORES REGION, INDONESIA
	15	11	24	42.3?	40.80	N	22.97	E	10	G		0.4	4	GREECE
a	15	12	46	06.5	8.638	N	126.581	E	33	D	5.3 5.0	1.1	113	MINDANAO, PHILIPPINE ISLANDS
	15	14	10	42.3?	13.06	N	90.39	W	33	N	3.9	1.3	10	NEAR COAST OF GUATEMALA
	15	14	35	21.9%	43.084	N	0.603	W	10	G		0.5	5	PYRENEES. ML 1.0 (STR).
	15	14	59	22.1*	45.029	N	129.362	W	10	G	3.9	1.2	15	OFF COAST OF OREGON
	15	16	08	40.4*	44.548	N	10.184	E	10	G		0.7	8	NORTHERN ITALY
	15	16	40	50.8	26.381	S	27.372	E	5	G		1.1	14	REPUBLIC OF SOUTH AFRICA. ML 3.7 (PRE). mbLg 3.5 (BUL).
	15	17	40	33.8?	60.39	N	4.96	E	10	G		0.0	4	SOUTHERN NORWAY. MD 0.8 (BER).
	15	17	55	47.1*	46.999	N	8.265	E	10	G		0.7	6	SWITZERLAND. ML 2.3 (LDG).
	15	18	16	20.6?	15.01	N	119.98	E	33	N	4.6	1.5	5	LUZON, PHILIPPINE ISLANDS
	15	19	11	34.1%	23.145	N	120.619	E	10	G		0.3	5	TAIWAN
	15	19	55	44.4&	63.008	N	151.354	W	12				39	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
	15	20	07	02.9&	34.335	N	116.886	W	3				12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.0 (GS).
	15	21	29	37.0?	44.08	N	148.89	E	33	N	3.8	0.8	7	KURIL ISLANDS
	15	21	31	47.2?	6.37	S	147.46	E	90	*	4 6	1.7	7	EASTERN NEW GUINEA REG., P.N.G.
	15	21	41	09.4	40.618	N	25.503	E	10	G		1.2	25	AEGEAN SEA. MD 3.4 (ISK).
	15	22	10	31.9?	18.14	N	102.80	W	76	?	3 6	0.9	7	MICHOACAN, MEXICO
	15	23	11	41.5&	34.053	N	116.392	W	3				6	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.6 (GS).

	16	00	34	13.1*	23.080	N	123.196	E	25	*	3.9	0.9	8 SOUTHWESTERN RYUKYU ISLANDS
	16	01	00	03.8?	39.33	N	28.64	E	10	G		0 6	5 TURKEY
	16	01	17	27.3	39.312	N	28.880	E	10	G		1.0	14 TURKEY. MD 3.4 (ISK).
	16	02	41	46.1*	8.083	S	122.701	E	33	N	4.3	1.2	13 FLORES REGION, INDONESIA
	16	02	48	30.0*	15.529	N	93.078	W	72	D	4.2	1.1	21 NEAR COAST OF CHIAPAS, MEXICO
	16	03	41	07.2%	43.111	N	19.926	E	5	G		0.3	7 NORTHWESTERN BALKAN REGION. ML 1.4 (TTG).
	16	04	10	24.4*	12.538	N	88.163	W	121	D	4.4	1.0	29 OFF COAST OF CENTRAL AMERICA
	16	04	27	46.6?	43.68	N	11.79	E	10	G		0.5	4 CENTRAL ITALY
	16	05	07	58.4	7.866	S	116.463	E	36	*	5.0	1.3	34 BALI SEA. Felt (II) at Kahang-Kahang, Bali.
	16	06	11	51.0?	27.04	N	141.82	E	33	N	4.7	0.3	11 BONIN ISLANDS REGION
	16	06	35	31.5	44.529	N	6.438	E	10	G		0.6	10 FRANCE. ML 2.3 (GEN), 2.3 (LDG).
	16	06	55	07.8*	40.000	N	19.703	E	5	G		1.3	10 ALBANIA. ML 3.0 (TIR).
	16	06	57	26.8?	28.98	S	67.36	W	134	?		0.6	5 LA RIOJA PROVINCE, ARGENTINA
	16	07	09	17.9	39.701	N	20.416	E	10	G		1.1	20 GREECE-ALBANIA BORDER REGION. MD 3.3 (ATH). ML 3.1 (TIR).
	16	07	30	14.9?	6.34	S	147.17	E	33	N		0.6	4 EASTERN NEW GUINEA REG., P.N.G. ML 4.1 (PMG).
	16	08	49	02.7	43.397	N	5.415	E	10	G		1.0	19 NEAR SOUTH COAST OF FRANCE. ML 2.8 (STR).
a	16	09	49	40.9*	17.136	S	66.916	E	10	G	5.0 4.7	1.1	40 MAURITIUS-REUNION REGION
	16	09	55	56.2&	34.625	N	116.545	W	3				19 SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.1 (GS).
	16	10	21	25.3?	35.93	S	179.21	E	271	*	4.6	0.6	12 OFF E. COAST OF N. ISLAND, N.Z.
	16	10	25	23.6*	31.422	N	115.674	W	10	G		0.8	8 BAJA CALIFORNIA, MEXICO. ML 3.7 (GS).
	16	10	41	26.1%	37.802	N	30.488	E	10	G		0.9	5 TURKEY. MD 3.2 (ISK).
	16	10	48	52.4	8.315	S	122.552	E	33	N	4.8	1.0	24 FLORES REGION, INDONESIA
	16	11	16	51.9?	39.31	S	174.49	E	288	?		0.2	19 NORTH ISLAND, NEW ZEALAND
	16	11	50	01.4	40.688	N	23.415	E	10	G		0.5	10 GREECE. ML 3.0 (SKO).
	16	12	29	04.1*	24.423	N	120.675	E	31	*	3.5	0.9	8 TAIWAN. ML 3.9 (BJI).
	16	13	23	19.8?	42.29	N	23.94	E	10	G		0.6	9 BULGARIA
	16	13	32	04.4%	43.373	N	12.493	E	10	G		0.2	5 CENTRAL ITALY
	16	13	51	12.5%	44.090	N	11.090	E	10	G		0.5	6 NORTHERN ITALY
	16	14	07	13.5%	40.385	N	21.445	E	10	G		0 6	5 GREECE
	16	14	18	48.2?	37.05	N	4.54	W	10	G		1.6	4 SPAIN
	16	14	21	20.1	45.672	N	15.394	E	10	G		0.9	11 NORTHWESTERN BALKAN REGION. ML 3.0 (VIE), 2.5 (ZAG).
	16	14	38	31.2?	23.44	N	92.56	E	33	N	4.1	0.8	9 INDIA-BANGLADESH BORDER REGION
	16	14	47	24.9	37.116	N	4.492	W	10	G		0.9	8 SPAIN. mbLg 2.9 (MDD).
	16	15	39	44.5%	40.276	N	21.576	E	10	G		0.3	5 GREECE
	16	15	56	30.8	14.749	N	93.748	W	60	*	4.6	1.3	43 NEAR COAST OF CHIAPAS, MEXICO
	16	16	03	52.9%	44.743	N	7.221	E	5	G		0.1	6 NORTHERN ITALY. ML 1.5 (GEN).
	16	16	21	46.9*	38 126	N	27.001	E	10	G		0.4	5 TURKEY. MD 2.6 (ISK).
	16	16	29	50 8?	11.32	S	75.86	W	33	N		0.4	5 CENTRAL PERU
	16	16	50	31.3%	37.113	N	4.474	W	10	G		0.4	7 SPAIN. mbLg 2.8 (MDD).
	16	17	22	52 6	8 500	S	121.945	E	17	D	5.0	1.4	50 FLORES REGION, INDONESIA
	16	17	56	01.8*	35.751	N	70.791	E	138	?	4.5	0.5	8 HINDU KUSH REGION, AFGHANISTAN
	16	19	01	55.3?	13.98	N	94.13	W	33	N	4.1	1.7	5 OFF COAST OF CHIAPAS, MEXICO
	16	19	44	28.7?	8.82	S	122.04	E	33	N	4.2	0.8	6 FLORES REGION, INDONESIA
	16	19	51	51.1%	43.701	N	11.863	E	10	G		0.6	7 CENTRAL ITALY
	16	21	15	37.6%	32.438	S	66.848	W	33	N		1.1	8 SAN LUIS PROVINCE, ARGENTINA
	16	21	57	34.9%	43.692	N	11.858	E	10	G		0.4	8 CENTRAL ITALY
	16	22	31	40 3&	34.990	N	116.950	W	5				14 SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.0 (GS).
	16	22	57	54.3%	37.130	N	4.389	W	10	G		1.6	5 SPAIN
	16	22	58	18 9*	51.426	N	6.552	E	10	G		1.1	5 GERMANY
	16	22	59	26.9%	37.090	N	4.451	W	10	G		0.5	7 SPAIN. mbLg 2.7 (MDD).
	16	23	15	36.5%	37.142	N	4.488	W	10	G		0.8	7 SPAIN. mbLg 3.3 (MDD).
	16	23	21	35.6	6.595	N	126.904	E	66	*	4.8	0.7	17 MINDANAO, PHILIPPINE ISLANDS
	16	23	33	49 3%	37.138	N	4.488	W	10	G		0.6	6 SPAIN. mbLg 2.9 (MDD).
	16	23	35	00 9%	37 208	N	4.501	W	10	G		0.4	5 SPAIN. mbLg 2.8 (MDD).
	16	23	41	01.0%	37.176	N	4.480	W	10	G		0.4	7 SPAIN. mbLg 2.5 (MDD).
	16	23	49	31.3?	6.80	N	73.00	W	177	*	4.1	1.1	6 NORTHERN COLOMBIA
	17	00	14	10.0%	37.121	N	4.456	W	10	G		0.6	7 SPAIN. mbLg 3.0 (MDD).
	17	00	24	53.5	38 666	S	175.556	E	189	*		0.4	23 NORTH ISLAND, NEW ZEALAND
	17	00	38	15.0*	43.811	N	113.967	W	5	G		0.6	9 EASTERN IDAHO. ML 3.1 (BUT).
	17	02	05	51.5	39.154	N	28.182	E	10	G		1.0	16 TURKEY. MD 3.4 (ISK).
	17	02	07	41.3?	18.86	N	66.38	W	10	G		0.4	5 PUERTO RICO REGION
	17	03	28	03.9*	28.117	S	66.799	W	189	*		0.9	10 CATAMARCA PROVINCE, ARGENTINA
	17	04	01	17 5*	34.756	N	97.600	W	5	G		0.6	6 OKLAHOMA. mbLg 2 6 (GS).
	17	04	29	09.0?	43.91	N	137.30	E	372	?	4.2	0.9	15 EASTERN SEA OF JAPAN
	17	04	50	27.7%	32.390	S	71.410	W	10	G		0.9	11 NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).
	17	05	01	09.1%	37.172	N	4.482	W	10	G		0.4	7 SPAIN. mbLg 2.8 (MDD).
	17	05	04	06.8%	37.084	N	4.446	W	10	G		1.0	5 SPAIN
	17	05	04	57.4*	37.178	N	20.382	E	10	G		0.8	6 IONIAN SEA
	17	05	08	56.5%	37.139	N	4.485	W	10	G		0.4	7 SPAIN. mbLg 2.5 (MDD).
	17	05	11	03 4%	37.054	N	4.333	W	10	G		0.8	7 SPAIN. mbLg 2.5 (MDD).
	17	05	18	21.3*	42.168	N	145.243	E	33	N	4.4	1.3	16 HOKKAIDO, JAPAN REGION
	17	05	43	08.9*	51.598	N	6.809	E	10	G		1.3	5 GERMANY
	17	06	13	24.5?	38.58	S	175.20	E	268	?		0.3	17 NORTH ISLAND, NEW ZEALAND
	17	07	18	04.2	34.744	N	97.581	W	5	G		0.8	11 OKLAHOMA. mbLg 3.6 (GS), 3.5 (TUL). Felt (IV) at Lindsay and (III) at Elmore City. Felt in southern McClain and northern Garvin Counties.
	17	07	55	09.0?	40 26	N	27.87	E	10	G		0.6	5 TURKEY. MD 3.0 (ISK).
	17	08	04	24.0*	26.758	S	177.264	W	222	*	4.2	0.9	15 SOUTH OF FIJI ISLANDS
	17	08	36	58.0?	7.29	N	76.55	W	33	N	4.2	1.5	9 NORTHERN COLOMBIA
a	17	09	19	18.8	18.386	N	105.478	W	33	N	5.1 4.9	1.3	124 OFF COAST OF JALISCO, MEXICO
	17	10	07	47.3*	45.082	N	141.988	E	33	N	4.2	1.6	17 HOKKAIDO, JAPAN REGION
a	17	10	39	28.9	25.901	N	61.441	E	33	N	5 8 5.3	0.9	392 SOUTHERN IRAN
	17	11	09	48.6	14.020	N	91.830	W	33		4 9 4.7	1.1	108 GUATEMALA
	17	11	10	11.4%	39.163	N	27.535	E	10	G		0.8	6 TURKEY. MD 2.8 (ISK).
	17	11	17	07.2?	39.19	N	27.54	E	10	G		0.7	4 TURKEY. MD 2.7 (ISK).
	17	11	18	31.4	3.244	S	130.603	E	18	D	5.1 4.5	0.5	18 SERAM, INDONESIA
	17	12	30	14.6%	39 286	N	27.178	E	10	G		1.3	5 TURKEY. MD 2.8 (ISK).
	17	12	32	08.2?	38.48	N	73.32	E	33	N	4.8	1.1	9 TAJIKISTAN-XINJIANG BORDER REG.
	17	12	33	41.7?	13.43	N	92.18	W	33	N	4.1	1.4	14 OFF COAST OF CHIAPAS, MEXICO
	17	12	43	53.5	41.415	N	15.071	E	10	G		0.7	15 SOUTHERN ITALY
	17	13	09	44.8*	6.761	S	75.475	W	33	N	4.3	1 2	12 NORTHERN PERU
	17	13	12	20 0%	44.536	N	7.415	E	10	G		0.2	7 NORTHERN ITALY. ML 1.9 (GEN).

	17	13	18	48.5?	3.03	S	132.84	E	95			0.4	8	IRIAN JAYA REGION, INDONESIA
	17	13	41	30.5	41.147	N	20.248	E	10	G		1.0	23	ALBANIA. ML 3.1 (TTG), 3.1 (SKO), 2.8 (TIR).
	17	14	19	33.7	8.441	S	122.170	E	33	N	5.1 4.4	1.1	58	FLORES REGION, INDONESIA
	17	14	30	44.9?	60.57	N	5.13	E	10	G		0.3	4	SOUTHERN NORWAY. MD 1.7 (BER).
	17	14	38	28.7%	39.142	N	27.544	E	10	G		0.9	5	TURKEY. MD 2.8 (ISK).
	17	14	48	46.5?	23.36	S	179.89	W	500	G	4.6	0.8	9	SOUTH OF FIJI ISLANDS
	17	14	58	07.1*	40.652	N	20.370	E	10	G		0.7	10	GREECE-ALBANIA BORDER REGION
	17	14	59	04.1*	40.621	N	20.302	E	10	G		1.3	6	GREECE-ALBANIA BORDER REGION
	17	15	20	39.9&	59.249	N	153.671	W	109				33	SOUTHERN ALASKA. <AEIC>.
	17	16	02	23.5*	48.153	N	153.567	E	33	N	4.8	1.1	25	KURIL ISLANDS
	17	16	29	42.2?	66.97	N	20.82	E	10	G		0.3	4	SWEDEN. MD 3.2 (BER).
	17	16	55	25.8?	36.34	N	26.82	E	10	G		0.3	5	DODECANESE ISLANDS. MD 3.4 (ISK).
	17	17	08	52.9*	41.009	N	20.280	E	10	G		1.1	12	ALBANIA. ML 2.6 (TTG), 2.5 (TIR), 2.3 (SKO).
	17	17	11	14.0*	3.886	S	139.073	E	33	N	5.0	1.4	22	IRIAN JAYA, INDONESIA
	17	17	40	59.6&	33.249	N	116 065	W	3				6	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
a	17	17	43	12.5	37.422	N	68.942	E	36	D	5.3 4.9	1.0	211	AFGHANISTAN-TAJIKISTAN BORD REG. Felt at Peshawar, Pakistan.
	17	18	03	38.0%	32.978	S	138.851	E	10	G		1.4	12	NEAR SOUTH COAST OF AUSTRALIA. ML 3.5 (BFD).
	17	18	25	20.7?	17.06	S	173.56	W	33	N	4.8 5.1	1.4	12	TONGA ISLANDS
a	17	18	56	57.3	8.270	S	121.630	E	23	D	5.6	1.4	144	FLORES REGION, INDONESIA. Felt (I) at Waingapu, Sumba.
	17	19	10	20.7%	38.372	N	15.111	E	10	G		1.1	6	SICILY
	17	19	25	06.1%	32.473	S	69.723	W	120	G		0.5	12	MENDOZA PROVINCE, ARGENTINA. MD 3.5 (SAN).
	17	20	07	27.5?	37.10	N	4.43	W	10	G		0.4	4	SPAIN. mbLg 2.4 (MDD).
	17	20	22	55.3?	15.32	N	60.23	W	33	N		0.2	8	LEEWARD ISLANDS. ML 2.8 (FDF).
	17	20	27	58.5%	48.345	N	0.350	W	10	G		0.5	5	FRANCE. ML 2.4 (LDG).
	17	21	16	00.9?	8.57	S	122.77	E	33	N	5.0	1.0	11	FLORES REGION, INDONESIA
	17	21	32	19.6*	8.303	S	122.325	E	33	N	4.6	0.9	13	FLORES REGION, INDONESIA
	17	21	43	38.8%	41.924	N	19.292	E	5	G		0.2	8	ALBANIA. ML 1.8 (TTG).
	17	21	57	33.5?	42.76	N	20.21	E	10	G		0.8	7	NORTHWESTERN BALKAN REGION. ML 1.6 (TTG).
	17	22	24	06.2	49.164	N	6.841	E	10	G		1.2	25	GERMANY. ML 2.9 (STR), 2.8 (BNS). MD 2.4 (UCC).
	17	22	53	15.5%	16.280	N	61 638	W	10	G		0.6	5	LEEWARD ISLANDS. ML 2.4 (FDF).
	17	22	57	41.8?	42.94	N	0.29	E	10	G		1.0	5	PYRENEES. ML 2.6 (LDG).
	17	23	13	27.9%	44.403	N	7.284	E	10	G		0.3	6	NORTHERN ITALY. ML 2.1 (GEN).
	18	00	13	17.5?	35.16	N	67.91	E	33	N	4.4	1.4	11	HINDU KUSH REGION, AFGHANISTAN
	18	00	42	40.7*	20.242	S	177.413	W	500	G	4.7	1.2	28	FIJI ISLANDS REGION
	18	01	08	23.4&	60.432	N	150.782	W	38				62	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.7 (AEIC).
	18	01	38	24.0%	37.061	N	4.459	W	10	G		0.9	8	SPAIN. mbLg 2.7 (MDD).
	18	01	57	20.8&	59.987	N	141.407	W	7				38	SOUTHEASTERN ALASKA. <AEIC>. ML 2.9 (AEIC), 2.8 (PGC).
	18	02	13	24.8	34.090	N	136.650	E	374		4.4	0.9	30	WESTERN HONSHU, JAPAN
	18	02	18	00.6*	57.261	S	25.821	W	53	D	5.4	1.0	31	SOUTH SANDWICH ISLANDS REGION
	18	02	28	29.6?	47.81	N	1.73	W	10	G		0.3	5	FRANCE. ML 2.9 (LDG).
a	18	03	14	04.2	6.487	S	147.144	E	29	D	6.0 6.0	1.0	450	EASTERN NEW GUINEA REG., P.N.G. ML 6.1 (PMG). Some minor domage (VI) at Loe. Felt (III) at Finschhofen and Goroka.
	18	04	44	02.7	34.425	N	141 552	E	43	D	4.6 4.6	1.1	57	OFF EAST COAST OF HONSHU, JAPAN
	18	04	52	01.8*	2.346	S	141.145	E	33	N	4.9	1.1	16	NEAR N COAST OF NEW GUINEA, PNG.
	18	05	47	38.2*	51.198	N	171 824	W	33	N	4.2	0.7	11	FOX ISLANDS, ALEUTIAN ISLANDS
	18	05	50	21.3?	5.99	S	147.60	E	92	?	4.5	1.5	6	EASTERN NEW GUINEA REG., P.N.G.
	18	06	18	00.6	30 580	S	71.335	W	55	D	4.5	1.3	42	NEAR COAST OF CENTRAL CHILE. MD 4.7 (SAN).
	18	06	33	37.9?	50.84	N	178.30	W	33	N	4.2	0.8	12	ANDREANOF ISLANDS, ALEUTIAN IS.
	18	07	25	47.6?	6.74	S	147.22	E	33	N	3.5	1.0	5	EASTERN NEW GUINEA REG., P.N.G. ML 4.1 (PMG).
	18	07	59	56.0	43.401	N	5.403	E	10	G		0.7	16	NEAR SOUTH COAST OF FRANCE. ML 2.8 (STR).
	18	10	00	49.2%	40.565	N	23.042	E	10	G		0.6	6	GREECE
	18	10	34	20.7%	40.376	N	23.231	E	10	G		0.5	6	GREECE
	18	10	36	06.4%	33.132	S	70.838	W	71	?		0.2	8	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	18	10	36	29.8%	40.249	N	22.764	E	5	G		0.7	5	GREECE
	18	10	37	12.6	41.191	N	21.944	E	10	G		1.1	8	NORTHWESTERN BALKAN REGION. ML 2.0 (SKO).
	18	10	50	48.1&	39.729	N	110 838	W	1		3.1		22	UTAH <SLC-P>. ML 3.4 (SLC). Felt (III) at Helper.
	18	11	01	51.7?	7.37	N	76.71	W	33	N	4.1	1.3	6	NORTHERN COLOMBIA
	18	11	21	44.7	26 357	N	100.872	E	30	*	5.0 4.7	1.4	83	YUNNAN, CHINA. One person killed, 45 injured and severel houses damaged in Yongsheng County.
	18	11	53	13.9?	40.71	N	23.10	E	10	G		0.3	4	GREECE
	18	11	56	37.1	26.211	S	28.222	E	5	G		0.8	10	REPUBLIC OF SOUTH AFRICA. ML 3.3 (PRE). mbLg 3.3 (BUL).
	18	11	58	59.9?	42.04	N	27.40	E	10	G		0.3	5	BULGARIA. MD 2.6 (ISK).
	18	12	02	19.6*	52.893	S	72.918	E	10	G	5.5	1.2	25	KERGUELEN ISLANDS REGION
	18	12	24	18.9*	35 688	N	27.441	E	10	G		1.5	7	DODECANESE ISLANDS. ML 3.8 (CSS).
	18	13	48	06.8&	61.369	N	149 613	W	38				58	SOUTHERN ALASKA. <AEIC>. ML 2.7 (AEIC).
	18	14	36	35.9*	6.651	S	147.303	E	33	N	4.1	1.3	5	EASTERN NEW GUINEA REG., P.N.G ML 4.1 (PMG).
	18	14	58	09.5	8.085	S	123 069	E	29	D	4.9 4.4	1.2	51	FLORES REGION, INDONESIA
	18	15	53	35.8*	17.038	N	94 807	W	116	*	3.7	0.6	8	CHIAPAS, MEXICO
	18	16	58	42.2*	37.827	N	26 900	E	10	G		0.5	6	DODECANESE ISLANDS. MD 3.2 (ISK).
	18	17	15	25.8?	18.40	N	103.11	W	91	?	3.5	1.6	7	NEAR COAST OF MICHOACAN, MEXICO
	18	17	17	54.2?	6.74	S	147.30	E	33	N	3.9	1.2	7	EASTERN NEW GUINEA REG., P.N.G. ML 4.2 (PMG).
	18	18	03	32.2%	44.009	N	10.784	E	10	G		0.6	6	NORTHERN ITALY
	18	18	22	23.5?	6.61	N	73.15	W	160	?	4.2	1.2	5	NORTHERN COLOMBIA
	18	18	58	12.4*	8.772	S	125 046	E	121	?	4.5	1.0	7	TIMOR REGION, INDONESIA
	18	19	35	46.7%	33.138	S	70.259	W	10	G		0.1	9	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	18	20	38	28.6*	39.420	S	174.265	E	299	*		0.5	27	NORTH ISLAND, NEW ZEALAND
	18	20	41	24.4%	39.929	N	23.143	E	10	G		0.3	5	AEGEAN SEA
	18	21	47	26.1?	51.31	N	179.57	E	33	N	4.2	0.9	17	RAT ISLANDS, ALEUTIAN ISLANDS
	18	22	17	05.7%	39.052	N	31.049	E	10	G		0 8	10	TURKEY
	18	22	39	37.3*	27.596	N	130.465	E	33	N	4.1	0.3	9	RYUKYU ISLANDS
	18	23	37	39.3?	37.09	N	4.42	W	10	G		0.8	4	SPAIN
	19	00	58	13 8	44.638	N	6.799	E	10	G		0.4	18	FRANCE. ML 2.3 (GEN), 2.3 (LDG).
	19	01	40	38.0*	6.542	N	126.844	E	85	*	4.6	0 8	15	MINDANAO, PHILIPPINE ISLANDS
	19	03	28	17.0	41.912	N	19.238	E	10	G		0 8	14	ALBANIA. ML 2.3 (TTG), 1.9 (TIR).
	19	05	32	50.4*	41.102	N	20.279	E	10	G		0.9	12	ALBANIA. ML 2.8 (TTG), 2.6 (TIR), 2.5 (SKO).
	19	05	34	51.6?	14.93	N	60.81	W	33	N		0.0	4	WINDWARD ISLANDS. ML 2.4 (FDF).
	19	06	44	01.5	11.429	S	166.290	E	44	D	5.7 5 8	1.2	231	SANTA CRUZ ISLANDS. Mo=2.5*10**18 Nm (PPT).
	19	07	39	27.5	44.095	N	6.921	E	10	G		0.5	24	FRANCE. ML 2.8 (LDG), 2.7 (GEN), 2.3 (STR).
	19	07	57	19.4?	28.26	S	67.41	W	140	G		0 6	5	LA RIOJA PROVINCE, ARGENTINA
	19	08	28	24.0	40.448	N	78.370	E	33	N	4.6	0 9	22	SOUTHERN XINJIANG, CHINA
	19	09	34	06.1	45.561	N	20.950	E	23		4.6	1 2	121	NORTHWESTERN BALKAN REGION. ML 4.8 (ZAG), 4.6 (VIE),

														4.3 (TIR). MD 4.7 (TRI). Felt (VI) at Timisoara, Romania.
	19	10	17	25.3%	44.032	N	7.662	E	10	G		0.1	6	NORTHERN ITALY. ML 1.9 (GEN).
	19	10	36	23.8•	6.542	S	147.268	E	51		4.5	0.7	14	EASTERN NEW GUINEA REG., P.N.G.
	19	10	44	14.0	8.300	S	122.629	E	33	N	4.9	1.3	29	FLORES REGION, INDONESIA
	19	11	25	37.2?	6.67	S	147.32	E	33	N	3.9	1.5	5	EASTERN NEW GUINEA REG., P.N.G. ML 4.2 (PMG).
	19	11	48	50.6?	37.90	N	26.79	E	10	G		1.4	7	DODECANESE ISLANDS. MD 3.3 (ISK).
f	19	12	14	22.0	51.906	N	158.411	E	53	G	6.1	0.9	597	NEAR EAST COAST OF KAMCHATKA. Mo=1.3•10••18 Nm (PPT). Felt (IV) at Petropavlovsk-Kamchatskiy and Severo-Kurilsk. Two events about 1.2 seconds apart. Depth from broadband displacement seismograms, based on first event.
	19	12	42	46.2	38.838	N	26.724	E	10	G		1.3	33	AEGEAN SEA. MD 3.7 (ATH).
	19	12	45	27.3•	25.931	N	124.201	E	206	•	4.5	0.9	20	NORTHEAST OF TAIWAN
	19	13	03	48.3	42.758	N	19.154	E	10	G		0.4	8	NORTHWESTERN BALKAN REGION. ML 1.6 (TTG).
	19	14	01	23.3	41.067	N	22.772	E	10	G		0.3	7	NORTHWESTERN BALKAN REGION. ML 1.3 (SKO).
	19	16	24	38.3&	34.550	N	116.548	W	0				12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	19	16	35	50.5&	50.985	N	131.173	W	10	G			8	VANCOUVER ISLAND REGION. <PGC-P>. ML 3.7 (PGC).
	19	16	53	07.6?	6.88	N	73.17	W	152	•	3.6	1.6	6	NORTHERN COLOMBIA
	19	17	10	20.1•	19.380	N	64.724	W	33	N	3.4	0.5	10	VIRGIN ISLANDS
	19	17	39	02.2%	60.400	N	4.984	E	10	G		0.5	6	SOUTHERN NORWAY. MD 1.3 (BER).
	19	18	35	51.5&	62.111	N	150.802	W	57				47	CENTRAL ALASKA. <AEIC>. ML 2.8 (AEIC). Felt (IV) at Skwentna.
	19	18	55	27.1?	18.88	N	67.14	W	33	N		0.4	6	MONA PASSAGE
	19	19	54	28.9%	37.891	N	26.725	E	10	G		0.7	6	DODECANESE ISLANDS. MD 3.2 (ISK).
	19	19	56	14.2•	37.500	N	71.768	E	33	N	3.8	1.3	9	AFGHANISTAN-TAJIKISTAN BORD REG.
	19	20	20	19.7?	16.27	N	96.57	W	10	G		1.7	6	OAXACA, MEXICO
	19	21	45	12.7?	30.48	S	116.51	E	10	G		0.1	4	WESTERN AUSTRALIA
a	19	21	57	21.5	0.023	N	123.620	E	127	D	5.5	1.1	209	MINAHASSA PENINSULA, SULAWESI
	19	22	01	39.8	19.126	S	69.423	W	138	•	4.8	1.3	17	NORTHERN CHILE
	19	22	22	16.6	39.171	N	22.045	E	10	G		0.8	13	GREECE
	19	22	43	57.4•	7.541	S	127.504	E	33	N		0.5	8	BANDA SEA
	19	23	29	35.9%	40.117	N	24.245	E	10	G		0.8	6	AEGEAN SEA
	20	00	08	56.0	18.572	S	175.538	W	263	D	5.2	1.3	78	TONGA ISLANDS
	20	01	52	11.3%	37.135	N	2.658	W	10	G		1.0	5	SPAIN. mbLg 2.4 (MDD).
	20	02	49	58.1	50.531	N	155.511	E	137	D	4.5	0.9	74	KURIL ISLANDS
	20	03	49	07.2	38.188	N	20.396	E	10	G		1.1	38	GREECE. MD 3.7 (ATH). ML 3.6 (TIR).
	20	03	49	46.7?	2.55	S	133.80	E	33	N	5.1	1.1	15	IRIAN JAYA REGION, INDONESIA
	20	03	58	04.1	8.126	S	122.408	E	23	D	5.2	1.2	75	FLORES REGION, INDONESIA
	20	05	15	52.8?	15.28	S	165.67	E	33	N	4.5	1.5	6	VANUATU ISLANDS
	20	05	19	10.4	47.908	N	154.613	E	33	D	5.2	1.0	171	KURIL ISLANDS
	20	05	20	05.3	42.325	N	18.817	E	10	G		0.6	8	NORTHWESTERN BALKAN REGION. ML 2.5 (TTG).
	20	05	29	16.4%	32.109	S	67.863	W	33	N		1.3	8	MENDOZA PROVINCE, ARGENTINA
	20	05	45	23.2&	37.585	N	118.882	W	2				22	CALIFORNIA-NEVADA BORDER REGION. <BRK>. ML 3.0 (BRK).
	20	08	18	55.6%	44 566	N	6.845	E	10	G		0.4	8	FRANCE. ML 2.3 (GEN).
	20	08	32	34.2•	27.964	S	26.699	E	5	G		1.3	7	REPUBLIC OF SOUTH AFRICA. ML 3.2 (PRE). mbLg 3.2 (BUL).
	20	08	43	32.3?	31.68	S	67.92	W	33	N		0.8	5	SAN JUAN PROVINCE, ARGENTINA
	20	09	07	13.4%	37.663	N	2.329	W	10	G		0.9	6	SPAIN. mbLg 2.7 (MDD).
	20	09	31	18.4%	40.129	N	23.634	E	10	G		0.7	6	GREECE
	20	09	36	44.8&	36.398	N	121 022	W	9				18	CENTRAL CALIFORNIA. <BRK>. ML 2.7 (BRK), 2.7 (PAS).
	20	09	57	29.0•	37.228	N	21.697	E	33	N		1.5	16	SOUTHERN GREECE. MD 3.4 (ATH).
	20	09	57	35.7?	15.49	N	60.97	W	33	N		0.4	5	LEEWARD ISLANDS. ML 2.7 (FDF).
	20	10	37	19.6•	36.078	N	43.896	E	33	N	4.4	1.5	17	IRAQ
	20	11	08	20.2	40.043	N	24.698	E	10	G		1.1	19	AEGEAN SEA MD 3.6 (ISK), 3.4 (ATH).
	20	11	14	28.2?	6.63	S	147.23	E	33	N	4.2	0.8	6	EASTERN NEW GUINEA REG., P.N.G. ML 4.1 (PMG).
	20	11	47	24.0	36.443	N	71.168	E	47	•	4.6	1.1	39	AFGHANISTAN-TAJIKISTAN BORD REG.
	20	12	45	25.2	40.084	N	24.769	E	10	G		0.7	14	AEGEAN SEA. MD 3.5 (ISK).
	20	13	01	31.8?	39.72	N	28.43	E	10	G		0.7	4	TURKEY. MD 2.6 (ISK).
	20	13	05	20.9	40.029	N	24.832	E	10	G		0.8	12	AEGEAN SEA
	20	14	26	34.2?	18.19	N	99.96	W	65	?		0.2	5	GUERRERO, MEXICO
	20	14	29	59.0?	39.80	N	30.47	E	10	G		0.9	4	TURKEY. MD 2.6 (ISK).
	20	14	44	00.9•	8.547	S	122.215	E	33	N	4.3	1.3	12	FLORES REGION, INDONESIA
	20	15	02	37.4?	20.10	S	169.69	E	33	N	4.9	0.8	6	VANUATU ISLANDS
	20	15	34	18.6	40.055	N	24 806	E	10	G		0.6	14	AEGEAN SEA MD 3.6 (ISK).
	20	16	11	06.8•	37.042	N	29.473	E	10	G		0.3	5	TURKEY. MD 3.0 (ISK).
	20	16	23	20.3•	14.807	S	176.930	W	16	D	5.0	1.3	62	FIJI ISLANDS REGION
a	20	16	38	46.3	25 684	S	179.561	E	499	D	5.4	1.0	246	SOUTH OF FIJI ISLANDS
	20	17	14	07.5?	37.04	N	5.50	W	10	G		1.3	4	SPAIN. mbLg 2.7 (MDD).
	20	17	56	53.6	37.269	N	21.578	E	42	•	4.0	1.0	34	SOUTHERN GREECE. MD 3.7 (ATH).
	20	18	26	13.7	38.355	N	22.310	E	10	G		0.9	14	GREECE MD 3.1 (ATH).
	20	18	47	16.9%	39.198	N	28.718	E	10	G		1.1	8	TURKEY. MD 2.9 (ISK).
	20	19	37	47.0	37.062	N	96.483	E	21	D	5.0 4.3	1.1	81	QINGHAI, CHINA. ML 5.5 (BJI).
f	20	20	52	47.2	6.582	S	130.393	E	78	G	6.6 7.0	1.2	602	BANDA SEA. Ms 7.0 (BRK). Mo=1.3•10••20 Nm (PPT). Felt in parts of northern Australia. Two events about 5.3 seconds apart. Depth from broadband displacement seismograms, based on first event.
	20	21	05	21.2&	37.745	N	122.143	W	3				30	CENTRAL CALIFORNIA. <BRK>. ML 3.7 (BRK), 3.7 (GS). This earthquake was felt throughout much of the San Francisco Bay area and caused minor damage in the area near the epicenter. Felt (V) at San Lorenza; (IV) at Dublin, Fremont, Millbrae and Oakland; (III) at Canyon and San Mateo.
	20	21	19	16.6	6.544	S	130.424	E	33	N	5.3	1.1	45	BANDA SEA
	20	21	48	18.2%	38.384	N	16.104	E	10	G		0.4	11	SOUTHERN ITALY
	20	21	57	59.9•	6.192	S	130.930	E	33	N	4.6	1.4	13	BANDA SEA
	20	22	27	21.5•	6.654	S	130.781	E	33	N	4.8	1.7	18	BANDA SEA
	20	22	33	46.3•	6.551	S	130.500	E	33	N	5.1	1.2	26	BANDA SEA
	20	22	37	46.2%	44.306	N	7.424	E	10	G		0.4	6	NORTHERN ITALY. ML 1.9 (GEN).
	20	23	18	58.5?	46.44	N	2.62	E	10	G		0.1	4	FRANCE ML 1.2 (LDG).
	20	23	52	37.8&	63.484	N	151.211	W	10				41	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC).
	21	00	02	15.3?	22.95	S	178.66	W	542	?	5.3	0.9	9	SOUTH OF FIJI ISLANDS
	21	01	18	09.6?	37.53	S	176.12	E	207	?		0.4	11	NORTH ISLAND, NEW ZEALAND
	21	02	09	33.4%	46.098	N	2.819	W	10	G		0.8	14	BAY OF BISCAY. ML 3.0 (LDG).

	21	02	20	01.0?	44.20	N	10.27	E	33	N		0.3	4	NORTHERN ITALY
	21	03	21	17.2*	10.035	S	113.718	E	39	*	5.1	1.1	14	SOUTH OF JAWA, INDONESIA
	21	03	49	57.1?	6.45	S	131.33	E	110	?		0.8	6	TANIMBAR ISLANDS REG., INDONESIA
	21	04	42	01.4?	40.43	N	25.38	E	10	G		0.1	4	AEGEAN SEA
	21	06	00	33.4*	31.377	S	69.584	W	126	?		0.6	15	SAN JUAN PROVINCE, ARGENTINA. MD 3.6 (SAN).
	21	06	04	01.6%	32.906	S	71.244	W	57	?		0.4	11	NEAR COAST OF CENTRAL CHILE. MD 3.5 (SAN).
	21	06	13	37.9	52.006	N	179.067	E	99	D	5.5	0.9	286	RAT ISLANDS, ALEUTIAN ISLANDS. Felt (V) on Amchitka and (III) on Adak.
	21	06	30	53.3	48.166	N	6.622	E	10	G		0.2	9	FRANCE. ML 1.7 (LDG), 1.7 (STR).
	21	07	15	27.7	33.779	S	71.304	W	39	?		0.5	13	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	21	07	51	29.7?	11.05	N	61.96	W	100	G		0.1	4	WINDWARD ISLANDS. MD 3.1 (TRN).
	21	07	54	25.5	40.130	S	173.491	E	259			0.5	40	COOK STRAIT, NEW ZEALAND
	21	09	02	57.8	35.384	N	2.519	W	13		4.4	1.0	69	STRAIT OF GIBRALTAR. mbLg 3.9 (MDD). Felt (III) in the Chafarinas Islands, Spain.
	21	09	54	09.2%	40.461	N	21.874	E	5	G		0.5	5	GREECE
	21	09	54	30.8*	6.268	S	130.758	E	33	N	4.9	0.3	8	BANDA SEA
	21	10	02	30.6?	39.20	N	28.62	E	10	G		1.3	4	TURKEY. MD 2.7 (ISK).
	21	10	38	32.9%	39.094	N	27.625	E	10	G		0.6	5	TURKEY. MD 2.7 (ISK).
	21	10	54	42.1?	30.50	S	178.59	W	10	G	4.8	1.0	7	KERMADEC ISLANDS, NEW ZEALAND
	21	11	10	04.6%	36.555	N	4.495	W	68	*		0.8	16	STRAIT OF GIBRALTAR
	21	11	44	02.8&	34.092	N	116.414	W	4				22	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.0 (PAS), 3.7 (GS). Felt (V) at Yucco Valley and (III) at Beaumant, Highland and Pianeertawn.
	21	12	35	28.9%	33.075	S	71.790	W	33	N		0.5	10	NEAR COAST OF CENTRAL CHILE. MD 3.5 (SAN).
	21	12	35	58.3?	43.25	N	24.12	E	10	G		1.0	8	BULGARIA
	21	13	02	34.4%	41.108	N	28.438	E	10	G		0.2	5	TURKEY. MD 2.7 (ISK).
	21	13	09	59.3?	44.51	N	6.62	E	5	G		0.5	4	FRANCE. ML 1.4 (GEN).
	21	13	39	27.0&	34.233	N	116.739	W	1				10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.1 (GS). Felt.
	21	13	46	52.9*	23.980	N	122.636	E	33	N		1.2	7	TAIWAN REGION
	21	13	55	39.0*	23.309	S	66.758	W	234	*		1.3	15	JUJUY PROVINCE, ARGENTINA
	21	14	02	22.3	22.026	S	68.513	W	145	*		0.7	9	NORTHERN CHILE
	21	14	29	33.9*	36.738	N	71.606	E	84	?	5.0	1.2	12	AFGHANISTAN-TAJIKISTAN BORD REG.
	21	14	36	55.9%	40.229	N	29.535	E	10	G		0.8	5	TURKEY. MD 2.7 (ISK).
	21	16	19	33.9*	8.735	S	118.473	E	150	?	4.8	1.2	11	SUMBAWA REGION, INDONESIA
	21	16	24	21.7	43.415	N	5.410	E	10	G		0.7	17	NEAR SOUTH COAST OF FRANCE. ML 2.9 (STR).
	21	16	32	30.2?	32.28	S	71.86	W	10	G		0.9	9	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
	21	16	41	18.0*	23.767	S	66.693	W	204	?		1.2	8	JUJUY PROVINCE, ARGENTINA
	21	16	47	12.0?	25.76	N	128.25	E	33	N	4.6	1.1	12	RYUKYU ISLANDS
	21	17	11	00.4	39.782	N	25.684	E	10	G		0.5	12	AEGEAN SEA. MD 3.3 (ISK).
	21	17	37	39.4	7.318	S	120 338	E	399	*	4.7	0.8	25	FLORES SEA
	21	17	45	28.0?	15.04	N	60.32	W	31	?		0.1	5	LEEWARD ISLANDS. ML 2.9 (FDF).
	21	18	10	22.1	44 107	N	11.382	E	10	G		0.6	11	NORTHERN ITALY. MD 3.0 (FIR).
	21	18	27	19.4	44.164	N	11.348	E	10	G		1.0	10	NORTHERN ITALY. MD 2.9 (FIR).
	21	18	43	22.1	43.137	N	146.156	E	84		4.7	0.9	67	KURIL ISLANDS
	21	18	49	03.5&	34 485	N	116.451	W	3				10	SOUTHERN CALIFORNIA. <PAS-P> ML 3 0 (PAS).
	21	19	31	42.1	33.752	S	71.419	W	32			0.6	19	NEAR COAST OF CENTRAL CHILE MD 4.3 (SAN). Felt (III) ot Santiago. Also felt at Quillota, Olmue, Santo Damingo and El Taba.
	21	20	43	15.5	49.170	N	6.966	E	5	G		1.1	16	GERMANY. ML 2.5 (STR).
	21	20	50	48.5%	39.984	N	23.306	E	5	G		0.3	7	AEGEAN SEA
	21	21	04	29.8&	57.582	N	156.555	W	96				33	ALASKA PENINSULA. <AEIC>.
	21	21	11	40.4	39.318	N	28.723	E	10	G		0.7	14	TURKEY. MD 3.3 (ISK).
	21	21	33	02.5&	61.428	N	146.189	W	37				39	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
	21	21	36	05.0	33.034	S	68.758	W	10	G		0.8	15	MENDOZA PROVINCE, ARGENTINA. MD 3.9 (SAN).
	21	21	45	46.9	10.350	S	123.465	E	33	N	5.3	1.1	48	TIMOR REGION, INDONESIA
	21	23	12	16.9*	36.606	N	11.500	E	10	G	3.8	1.0	22	TUNISIA
	22	00	04	05.6%	31.746	S	67.786	W	10	G		0.7	7	SAN JUAN PROVINCE, ARGENTINA
	22	00	19	18.3*	25 209	N	95.340	E	33	N	4.0	1.2	12	MYANMAR-INDIA BORDER REGION
	22	00	57	32.1%	37.084	N	5.453	W	10	G		0.9	9	SPAIN. mbLg 3.0 (MDD).
	22	00	59	42.0	41.096	S	176.376	E	44	*	4.0	0.9	27	OFF E. COAST OF N. ISLAND, N.Z.
	22	01	13	40.1*	3.167	S	130.508	E	42	*	4.9	1.1	17	SERAM, INDONESIA
	22	02	04	27.1?	6.72	S	130.58	E	150	?		1.4	5	BANDA SEA
	22	02	20	53.0&	35.023	N	116.973	W	6				14	CENTRAL CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 2.8 (GS).
	22	02	36	48.8	55.890	N	161.691	E	80	*	4.5	0.8	47	NEAR EAST COAST OF KAMCHATKA
	22	02	41	30.4%	40.876	N	22.990	E	10	G		0.1	5	GREECE
	22	03	23	30 8*	10.101	S	124.221	E	33	N	4.6	0.7	5	TIMOR REGION, INDONESIA
	22	03	30	21.6	26.363	N	100.579	E	33	N	4.6	1.1	55	YUNNAN, CHINA. ML 5.0 (BJI).
	22	04	38	08 6%	43.996	N	8.466	E	10	G		0.3	8	CORSICA. ML 2.2 (GEN).
	22	04	40	12.5*	10.534	N	62.173	W	10	G		0.6	13	NEAR COAST OF VENEZUELA. MD 3.7 (TRN).
	22	04	43	41.7%	43.987	N	8.496	E	10	G		0.3	7	CORSICA. ML 2.1 (GEN).
	22	04	47	50.1	43.960	N	8.533	E	10	G		0.3	11	CORSICA. ML 2.4 (GEN).
a	22	04	54	16.6	6.648	S	130.550	E	67	G	5.9	0.9	383	BANDA SEA. *Depth from broadband displacement seismograms.*
	22	05	34	32.8&	41.810	N	111.581	W	8				17	UTAH. <SLC-P>. ML 3.2 (SLC).
	22	06	36	48.5&	59.387	N	152.647	W	77				34	SOUTHERN ALASKA. <AEIC>.
	22	08	00	17.0&	62 981	N	151.036	W	125		3.0		45	CENTRAL ALASKA. <AEIC>.
	22	08	36	22.7%	33.598	S	72.096	W	10	G		0.7	10	OFF COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	22	08	52	12.1	39.430	S	174.158	E	245			0.5	42	NORTH ISLAND, NEW ZEALAND
	22	09	19	33.8%	40.399	N	23.294	E	5	G		0.3	6	GREECE
	22	09	28	44.5?	39.51	N	28.77	E	10	G		1.0	5	TURKEY. MD 2.7 (ISK).
	22	09	43	26.5%	33.335	S	71.300	W	62	?		0.6	9	NEAR COAST OF CENTRAL CHILE. MD 3.2 (SAN).
	22	09	48	28.7	43.135	N	143.095	E	141		4.3	1.1	20	HOKKAIDO, JAPAN REGION
	22	09	49	02.7?	40.61	N	23.00	E	10	G		0.1	4	GREECE
	22	10	14	34 6?	31.23	S	68.70	W	115	?		0.2	6	SAN JUAN PROVINCE, ARGENTINA
	22	10	15	57.7*	3.275	S	131.002	E	67	*	5.2	0.8	12	IRIAN JAYA REGION, INDONESIA
	22	10	36	33.7*	11.982	N	41.774	E	10	G	4.4	0.7	10	ETHIOPIA. MD 4.3 (ARO).
	22	10	47	33.9?	32.60	S	71.36	W	70	G		0.5	8	NEAR COAST OF CENTRAL CHILE. MD 3.4 (SAN). .
	22	10	55	03.1	51.521	N	176.747	W	40	D	4.9 4.3	1.1	62	ANDREANOF ISLANDS, ALEUTIAN IS. Felt (IV) an Adak.
	22	11	19	12.3	6.514	S	130.502	E	105		5.1	1.0	49	BANDA SEA
	22	11	24	00.5*	7.289	S	154.999	E	99	*	5.1	1 0	14	SOLOMON ISLANDS
	22	12	23	01.1?	41.11	N	23.60	E	10	G		0.8	4	GREECE-BULGARIA BORDER REGION
	22	12	34	41.6*	39.484	N	74.761	E	33	N	4.5	1.0	18	SOUTHERN XINJIANG, CHINA

	22	13	02	17.3&	34.929	N	116.730	W	1			14	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 2.8 (GS). Felt at Barstow.
	22	13	22	54.5	42.401	N	24.011	E	5 G		1.3	9	BULGARIA
	22	13	35	47.5%	39 302	N	28.755	E	10 G		0.7	10	TURKEY. MD 3.0 (ISK).
	22	14	28	27.2%	39.234	N	28.708	E	10 G		0.9	10	TURKEY. MD 3.2 (ISK).
	22	14	40	09.3?	40.59	N	23.08	E	10 G		0.5	4	GREECE
	22	15	03	55.7&	64.128	N	150.096	W	17	2.8		32	CENTRAL ALASKA. <AEIC>. ML 3.1 (AEIC).
	22	15	56	20.1	39.291	N	28.781	E	10 G		1.2	13	TURKEY. MD 3.3 (ISK).
	22	16	01	11.1?	51.72	N	175.68	E	33 N	3.8	1.3	10	RAT ISLANDS, ALEUTIAN ISLANDS
	22	16	13	13.2%	11.466	N	61.887	W	120 G		0.7	7	WINDWARD ISLANDS. MD 3.4 (TRN).
	22	16	36	41.4%	18.859	N	101.841	W	10 G		1.0	5	GUERRERO, MEXICO
o	22	16	42	37.2	34.568	N	88.053	E	33 N	5.1 4.8	1.1	129	XIZANG
	22	17	01	44.0%	39.290	N	28.835	E	10 G		0.7	9	TURKEY. MD 2.9 (ISK).
	22	18	13	54.8?	39.17	N	28.75	E	10 G		1.2	5	TURKEY. MD 2.8 (ISK).
	22	18	44	14.4	40.067	N	19.630	E	10 G		1.2	16	ALBANIA. ML 3.1 (TIR). MD 3.0 (ATH).
	22	19	03	40.4?	35.20	N	140.64	E	33 N	3.9	0.8	7	NEAR EAST COAST OF HONSHU, JAPAN
	22	19	36	46.0?	39.30	N	28.78	E	10 G		1.4	4	TURKEY. MD 2.8 (ISK).
	22	19	38	22.4?	6.11	S	146.84	E	113 ?	4.4	1.5	6	EASTERN NEW GUINEA REG., P.N.G.
	22	19	52	26.6&	35.315	N	117.657	W	6			18	CENTRAL CALIFORNIA. <PAS-P>. MD 3.1 (PAS).
	22	20	49	35.0	48.497	N	9.324	E	10 G		1.3	28	GERMANY. ML 3.0 (LDG), 3.0 (VIE), 2.8 (FUR), 2.7 (GRF), 2.7 (STR).
	22	21	02	36.6?	44.74	N	6.82	E	5 G		0.1	4	FRANCE. ML 1.5 (GEN).
	22	21	38	00.0%	40.192	N	27.372	E	10 G		0.9	7	TURKEY. MD 2.9 (ISK).
	22	21	54	05.2	39.241	N	28.717	E	10 G		0.7	15	TURKEY. MD 3.4 (ISK).
	22	22	02	19.1?	31.46	S	67.71	W	29 ?		0.3	5	SAN JUAN PROVINCE, ARGENTINA
	22	22	15	48.3	39.273	N	28.772	E	10 G		0.9	38	TURKEY. MD 4.0 (ATH), 3.7 (ISK). Felt at Kutahya.
	22	22	30	33.7	43.764	N	12.238	E	10 G		0.7	7	CENTRAL ITALY. MD 3.0 (FIR).
	22	22	30	56.3%	43.738	N	12.254	E	10 G		0.5	5	CENTRAL ITALY
	22	22	31	20.7	43.882	N	12.223	E	10 G		1.1	16	CENTRAL ITALY. ML 3.1 (LDG).
	22	22	37	48.7%	43.853	N	12.230	E	26 •		0.6	8	CENTRAL ITALY
	22	22	38	26 3%	43.794	N	12.231	E	10 G		1.1	5	CENTRAL ITALY
	22	22	38	59.6&	60 380	N	152.337	W	89			49	SOUTHERN ALASKA. <AEIC>.
	22	23	23	58.1	18.455	N	105.370	W	33 N	4.6	0.9	86	OFF COAST OF JALISCO, MEXICO
	23	00	07	54.1	39.313	N	21.789	E	10 G		0.9	14	GREECE. MD 3.0 (ATH).
	23	00	12	37.5%	39.242	N	28.739	E	10 G		0.7	11	TURKEY. MD 3.0 (ISK).
	23	00	32	27.5	37.571	N	142.808	E	31 D	5.1 4.7	0.9	137	OFF EAST COAST OF HONSHU, JAPAN
	23	01	03	23.4%	39.267	N	21.674	E	5 G		1.5	7	GREECE
	23	01	35	27.8?	39.33	N	28.78	E	10 G		1.3	4	TURKEY. MD 2.7 (ISK).
o	23	02	20	06.3	19.766	S	68.808	W	106 D	5.4	0.9	247	CHILE-BOLIVIA BORDER REGION. Felt (V) at Arica, Cuya, Poza Almonte, Putre and Tana; (IV) at Iquique; (III) at Maria Elena, Chile. Some landslides reported along the Comandante San Martin Coastal Highway, Chile.
	23	02	20	38.0?	39.34	N	28.81	E	10 G		1.0	4	TURKEY. MD 2.7 (ISK).
	23	02	48	53.4%	39.323	N	28.768	E	10 G		0.8	5	TURKEY. MD 2.9 (ISK).
o	23	03	00	44.9	6.541	S	130.417	E	102 D	6.1	0.9	407	BANDA SEA. Felt (III) at Saumlaki, Indonesia.
	23	03	01	44.1	39.305	N	28.776	E	10 G		0.8	17	TURKEY. MD 3.3 (ISK).
	23	03	20	01.7?	37.17	N	28.76	E	10 G		0.8	4	TURKEY
	23	04	00	54.5?	32.58	S	70.58	W	86 ?		0.4	10	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	23	04	03	46.1	39.793	N	25.649	E	10		0.6	14	AEGEAN SEA. MD 3.4 (ISK).
	23	04	10	04.2	39.277	N	28.774	E	10 G		0.9	13	TURKEY. MD 3.2 (ISK).
	23	05	22	52.5	41.455	N	142.065	E	67	4.7	1.0	61	HOKKAIDO, JAPAN REGION
	23	05	32	39.6	42.990	N	12.870	E	10 G		1.3	9	CENTRAL ITALY. ML 2.8 (VIE).
	23	05	46	39.8	6.691	S	130.396	E	23 D	4.9	1.1	39	BANDA SEA
	23	05	56	19.8•	0.687	N	121.526	E	91 •	5 0	0.7	14	MINAHASSA PENINSULA, SULAWESI
	23	06	32	06.3?	14.70	N	60.93	W	10 G		0.3	4	WINDWARD ISLANDS. ML 2.3 (FDF).
	23	07	08	29.2%	31.636	S	68.850	W	10 G		1.2	5	SAN JUAN PROVINCE, ARGENTINA
	23	07	18	49.4	10.609	N	84.692	W	162	4.6	0.9	88	COSTA RICA
	23	07	21	02.0	51 864	N	166.745	W	33 N	4.2	1.0	17	SOUTH OF ALEUTIAN ISLANDS
	23	07	24	38.3%	18.112	N	67.121	W	33 N		0.6	7	MONA PASSAGE
	23	07	58	53.4	4 688	S	144.248	E	117	4.8	1.0	53	NEAR N COAST OF NEW GUINEA, PNG.
	23	08	53	50.0	43.402	N	5.413	E	10		0.7	17	NEAR SOUTH COAST OF FRANCE
	23	08	57	18.8	10.415	S	161.687	E	80 •	4 6	1.0	20	SOLOMON ISLANDS
	23	09	03	38.7%	42 519	N	18.660	E	10 G		0.3	9	NORTHWESTERN BALKAN REGION. ML 1.7 (TTG).
	23	09	43	56 0&	36.165	N	118.119	W	2			13	CENTRAL CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	23	09	55	09.1%	40.651	N	22.991	E	5 G		0.1	6	GREECE
	23	09	59	16.1%	38 734	N	15.500	E	33 N		0.9	5	SICILY
	23	10	08	43.6%	39 230	N	28.701	E	10 G		0.6	8	TURKEY. MD 3.0 (ISK).
	23	10	54	52.9	23.754	S	17.410	E	10 G	5.0	0.9	40	NAMIBIA
	23	11	50	45.8?	38 88	N	12.27	E	10 G		1.2	8	SICILY
	23	11	53	49.5•	20 211	S	69.587	W	102 ?	4.0	0.9	7	NORTHERN CHILE
	23	12	20	57 8%	39 289	N	21.718	E	5 G		0.4	5	GREECE
	23	12	33	10 6•	41.573	N	22.339	E	10 G		0.4	6	NORTHWESTERN BALKAN REGION. ML 2.2 (SKO).
	23	12	38	24 3&	34.682	N	118.478	W	11			14	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 3.1 (GS). Felt (IV) at Lake Hughes.
	23	13	53	53.4•	56 085	S	27.348	W	33 N	5.3	1.0	13	SOUTH SANDWICH ISLANDS REGION
	23	13	59	34.0&	37.547	N	118.836	W	6			10	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM).
	23	14	52	49.1	45 654	N	7.793	E	11		1.1	19	NORTHERN ITALY. ML 2.6 (GEN), 2.5 (LDG).
	23	14	54	33.6%	59.331	N	5.263	E	10 G		0.2	7	SOUTHERN NORWAY. MD 2.0 (BER).
	23	14	56	10.4•	17.921	N	145.703	E	199 •	4.8	0.7	13	MARIANA ISLANDS
	23	16	35	44.0&	36.552	N	117.818	W	6 G			22	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. MD 3.1 (PAS). ML 3 8 (BRK), 3.0 (GS).
	23	16	49	48.3?	37.96	S	175.96	E	259 ?		0.5	19	NORTH ISLAND, NEW ZEALAND
	23	17	03	07.4•	4.799	S	153.225	E	68 •	4.7	0 6	11	NEW IRELAND REGION, P.N.G.
	23	17	49	53.3&	34.597	N	116.636	W	0			9	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	23	17	52	49.3?	31.56	S	68.91	W	118 ?		0.3	7	SAN JUAN PROVINCE, ARGENTINA
	23	18	04	22.6%	39.315	N	28.769	E	10 G		0.8	5	TURKEY. MD 2.7 (ISK).
	23	18	42	46.6?	12.80	N	40.92	E	10 G	3.8	0.5	8	ETHIOPIA. MD 3.9 (ARO).
	23	18	43	49.3•	24.245	N	120.004	E	33 N	3.2	0.3	7	TAIWAN
	23	18	44	39.3?	39.20	N	20.27	E	10 G		1.0	5	GREECE-ALBANIA BORDER REGION
	23	19	28	41.9%	11.521	N	42.567	E	10 G		0.5	5	ETHIOPIA. MD 3.9 (ARO).
	23	20	37	27.1?	43.41	N	127.65	W	10 G		0.3	29	OFF COAST OF OREGON
	23	21	05	14.4	45.555	N	21.031	E	35 ?		1.3	34	ROMANIA. ML 3.6 (TTG). Felt at Timisoara.
	23	22	25	02.3•	51.028	N	15.854	E	10 G		1.2	7	POLAND

	23	22 33 27.3•	43.243	N	4.436	E	10	G			0 9	11	NEAR SOUTH COAST OF FRANCE. ML 2.6 (LOG), 2.1 (STR).
	23	22 44 47.5%	16.515	N	61.178	W	81	•			0.2	11	LEEWARD ISLANDS
	23	23 01 51.0	39.320	N	28.737	E	10	G			1.4	19	TURKEY. MD 3.5 (ISK).
	23	23 22 48.7•	23.287	N	64.096	E	33	N	4.9		0.9	12	OFF COAST OF PAKISTAN
a	24	00 03 33.3	2.549	N	126.581	E	97	D	5.6		1.2	151	NORTHERN MOLUCCA SEA
	24	00 22 53.1	2.955	S	130.296	E	60	D	5.2		0.9	50	SERAM, INDONESIA
	24	00 25 44.6	38.075	N	22.947	E	10	G	3.8		1.2	46	GREECE. MD 3.7 (ATH).
f	24	00 34 13.8	15.293	S	173.128	W	23	G	5.9	6.4	1.1	339	TONGA ISLANDS. Ms 6.4 (BRK). Depth from broadband displacement seismograms.
	24	01 12 01.1•	22.822	S	69.023	W	33	N			0.0	5	NORTHERN CHILE
	24	02 56 49.4	40.670	N	22.463	E	5	G			0.4	10	GREECE
	24	03 11 46.7%	39.122	N	27.323	E	10	G			1.0	5	TURKEY. MD 2.7 (ISK).
	24	03 19 57.9•	38.060	N	26.806	E	10	G			1.1	9	AEGEAN SEA. MD 3.4 (ISK).
	24	03 31 07.1%	18.660	N	67.324	W	29	•			0.4	7	MONA PASSAGE
	24	03 53 37.3•	5.547	S	144.072	E	65	?	4.3		1.4	7	NEW GUINEA, PAPUA NEW GUINEA
	24	04 33 22.0	22.241	S	173.837	E	21	D	4.9	4.5	1.0	54	LOYALTY ISLANDS REGION
	24	04 44 51.5&	60.698	N	142.856	W	7					26	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
	24	04 45 48.3•	8.454	S	122.195	E	33	N	4.5		1.4	10	FLORES REGION, INDONESIA. Felt in the Maumere area.
	24	04 54 46.5•	31.179	S	68.666	W	125	?			0.8	10	SAN JUAN PROVINCE, ARGENTINA
	24	05 00 47.4&	34.409	N	116.481	W	4					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
a	24	05 09 47.4	42.221	N	72.225	E	38	D	5.2	5.0	1.2	230	KYRGYZSTAN. Felt (IV) at Taktogul, Kara-Kul and Talas; (III) at Bishkek. Felt (IV) at Dzhambul and (II) at Chimkent, Kazakhstan.
	24	05 20 10.6?	39.24	N	28.73	E	10	G			1.2	4	TURKEY. MD 2.8 (ISK).
	24	05 53 37.2•	20.332	S	177.730	W	513	•	5.0		1.2	31	FIJI ISLANDS REGION
	24	06 10 12.6%	44.116	N	11.215	E	10	G			0.5	6	NORTHERN ITALY
	24	06 13 20.7	31.623	S	67.870	W	11				1.1	18	SAN JUAN PROVINCE, ARGENTINA
	24	06 49 27.3?	39.27	N	28.68	E	10	G			1.4	4	TURKEY. MD 2.8 (ISK).
	24	07 15 07.2•	19.955	S	167.979	E	33	N	4.5		1.2	23	VANUATU ISLANDS REGION
	24	07 28 44.8&	63.125	N	150.375	W	111					51	CENTRAL ALASKA. <AEIC>.
	24	07 33 23.9?	37.28	S	176.33	E	190	G			0.7	11	NORTH ISLAND, NEW ZEALAND
	24	09 25 07.4&	35.023	N	116.924	W	6					17	CENTRAL CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.1 (GS).
	24	09 33 52.6&	61.411	N	148.518	W	33					48	SOUTHERN ALASKA. <AEIC>. ML 2.8 (AEIC).
	24	11 31 47.8•	39.936	N	19.639	E	10	G			1.4	15	GREECE-ALBANIA BORDER REGION. MD 3.1 (ATH). ML 3.0 (TIR).
	24	12 08 17.0?	39.26	N	28.72	E	10	G			0.9	4	TURKEY. MD 2.6 (ISK).
	24	13 03 25.8	39.245	N	28.744	E	10	G			0.9	16	TURKEY. MD 3.3 (ISK).
	24	14 11 11.1%	31.605	S	67.927	W	10	G			0.9	5	SAN JUAN PROVINCE, ARGENTINA
	24	14 23 06.1	17.599	N	100.580	W	91		4.2		1.0	31	GUERRERO, MEXICO
	24	14 31 48.7?	17.14	N	99.53	W	33	N			0.1	4	GUERRERO, MEXICO
	24	14 57 53.7	44.705	N	6.827	E	10	G			0.5	15	FRANCE. ML 2.4 (LDG), 2.1 (GEN).
	24	15 01 29.5	39.832	N	24.472	E	10	G			0.5	10	AEGEAN SEA
	24	15 41 01.2?	28.09	S	68.98	W	120	G			0.5	6	LA RIOJA PROVINCE, ARGENTINA
	24	15 53 44.2•	41.972	N	22.203	E	5	G			1.4	7	NORTHWESTERN BALKAN REGION. ML 2.3 (SKO).
	24	15 56 35.4%	33.143	S	70.290	W	10	G			0.4	10	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
	24	15 58 30.7%	39.245	N	28.772	E	10	G			0.8	12	TURKEY. MD 3.1 (ISK).
	24	16 45 49.3&	35.756	N	117.602	W	5					13	CENTRAL CALIFORNIA. <PAS-P>. ML 2.8 (PAS). Multiple event.
	24	17 08 48.1	35.760	N	80.605	E	33	N	4.8	4.4	1.1	84	KASHMIR-XIZANG BORDER REGION
	24	17 30 13.9?	45.97	N	26.39	E	56	?			1.5	5	ROMANIA
	24	18 03 54.1	39.800	N	24.493	E	5	G			0.4	11	AEGEAN SEA
	24	18 25 40.0	7.306	N	76.691	W	33	N	4.6		0.7	11	NORTHERN COLOMBIA. MD 4.5 (UPA).
	24	18 32 55.7%	39.297	N	28.800	E	10	G			0.8	7	TURKEY. MD 3.0 (ISK).
	24	18 50 48.2	16.750	N	98.995	W	21	D	4.8		0.9	63	NEAR COAST OF GUERRERO, MEXICO
	24	19 01 25.3	17.021	N	98.986	W	33	N	4.5		1 2	55	GUERRERO, MEXICO
	24	19 17 42.9&	34.094	N	116.839	W	6					8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	24	19 21 18.5•	15.274	N	121.973	E	93	•	4.3		0.9	6	LUZON, PHILIPPINE ISLANDS
	24	19 58 13.9%	33.425	S	70.226	W	101	?			0.2	10	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
	24	20 03 01 5	11 569	S	166.563	E	145	•	5.1		0 8	71	SANTA CRUZ ISLANDS
	24	20 22 58.5•	28.362	S	70.486	W	229	?			0.7	9	CENTRAL CHILE
	24	20 56 34.1	41.996	N	20.710	E	10	G			0.8	10	ALBANIA. ML 2.4 (TTG).
	24	21 02 22.5•	15.255	N	122.257	E	38	•	4.3		1.2	14	PHILIPPINE ISLANDS REGION
	24	21 27 55 3%	44 095	N	11.197	E	10	G			0.5	6	NORTHERN ITALY
	24	21 36 27.2?	44.41	N	6.73	E	10	G			0.1	4	FRANCE. ML 1.7 (GEN).
	24	21 40 38.6%	44.083	N	11.186	E	10	G			0.4	5	NORTHERN ITALY
a	24	22 02 05 0	16 385	S	178.239	E	10	G	4.9	4.8	0.9	49	FIJI ISLANDS. ML 4.8 (SVA). Felt in the Mbua area, Vanua Levu.
	24	22 07 29.1&	59.720	N	154.312	W	182		3.1			52	SOUTHERN ALASKA. <AEIC>.
	24	22 20 36.1	6.743	N	72.852	W	171		4.8		1.0	21	NORTHERN COLOMBIA
	24	22 48 32.5•	16.289	S	178.235	E	10	G	4.7	4.3	1.1	12	FIJI ISLANDS
	24	22 56 37.5%	42.844	N	13.082	E	5	G			0.8	6	CENTRAL ITALY
	24	23 09 35.6	40.188	S	173.489	E	222				0.3	27	COOK STRAIT, NEW ZEALAND
	24	23 20 18.8	7.026	S	122.970	E	33	N	4.7	4.3	1.1	27	FLORES SEA
	24	23 28 10.8	31.950	S	67.793	W	10	G			0.6	5	SAN JUAN PROVINCE, ARGENTINA
	24	23 41 13.4%	44.050	N	11.171	E	10	G			0.5	6	NORTHERN ITALY
	25	00 28 46.8•	5.908	S	146.490	E	142	•	4.6		0.8	6	EASTERN NEW GUINEA REG., P.N.G.
	25	00 45 13.6•	0.916	N	28.802	W	10	G	4.6		0.8	27	CENTRAL MID-ATLANTIC RIDGE
	25	01 03 32.7	32.265	S	67.634	W	5	G			0.7	8	MENDOZA PROVINCE, ARGENTINA
	25	01 35 37.0%	39.248	N	28.765	E	5	G			0.5	8	TURKEY. MD 3.0 (ISK).
	25	02 06 10.4•	37.009	S	176.910	E	289	•			0.7	39	NORTH ISLAND, NEW ZEALAND
	25	02 10 53.1%	44.045	N	11.180	E	10	G			0.4	6	NORTHERN ITALY
	25	02 25 51.4	37.242	N	28.193	E	5	G			1.2	10	TURKEY. MD 3.9 (ATH), 3.7 (ISK). ML 3.9 (CSS).
	25	02 26 38.0?	24.87	N	123.32	E	125	?	3.7		0.2	8	SOUTHWESTERN RYUKYU ISLANDS
	25	02 37 09.0?	44.03	N	11.15	E	10	G			0.2	4	NORTHERN ITALY
	25	02 37 14.5	40.007	N	28.740	E	10	G			0.8	14	TURKEY. MD 3.3 (ISK).
	25	03 01 56.9•	8.807	S	122.070	E	106	•	4.6		0.9	14	FLORES REGION, INDONESIA. Felt in the Maumere area.
	25	03 04 14.6%	44.038	N	11.171	E	10	G			0.6	6	NORTHERN ITALY
	25	03 35 07.4&	35.917	N	120.520	W	9					28	CENTRAL CALIFORNIA. <BRK>. ML 3.2 (BRK), 3.1 (PAS), 3.0 (GS).
	25	03 43 09.5	46.379	N	11 226	E	10	G			1.0	15	NORTHERN ITALY. ML 2.9 (VIE).
	25	03 48 32.0•	20.743	S	169.404	E	37	•	4.3		1.2	13	VANUATU ISLANDS
	25	03 54 01.2%	37.487	N	28.351	E	10	G			0.7	8	TURKEY. MD 3.4 (ISK).
	25	04 25 09.6&	39.955	N	120.842	W	16					49	NORTHERN CALIFORNIA. <BRK>. ML 4.2 (BRK). Felt (V) at

															Twain, (IV) at Crescent Mills and (III) at Portola and Quincy.
	25	04	48	09.6?	44.02	N	11.18	E	10	G			0.3	4	NORTHERN ITALY
	25	05	03	19.5*	15.070	N	60.359	W	33	N			0.2	10	LEEWARD ISLANDS. MD 3.4 (TRN). ML 3.3 (FDF).
	25	05	28	30.6*	22.025	S	67.315	W	196	*	4.2		1.2	9	CHILE-BOLIVIA BORDER REGION
	25	05	37	46.5*	24.177	N	121.773	E	49	*	3.7		1.4	8	TAIWAN
	25	05	58	50.5%	39.294	N	28.708	E	10	G			1.1	7	TURKEY. MD 2.9 (ISK).
	25	06	02	52.9?	7.21	S	130.49	E	102	?	4.1		1.0	6	TANIMBAR ISLANDS REG., INDONESIA
	25	06	15	25.0*	34.846	N	104.886	E	33	N	3.6		0.9	5	GANSU, CHINA. ML 3.4 (BJI).
	25	06	40	29.3	14.862	S	167.415	E	143	*	4.6		0.9	30	VANUATU ISLANDS
	25	06	57	52.1	45.564	N	147.988	E	159	D	4.6		0.8	62	KURIL ISLANDS
	25	07	16	18.0	6.984	S	129.680	E	125		4.9		1.0	34	BANDA SEA
	25	07	38	15.4%	39.250	N	28.742	E	10	G			0.8	5	TURKEY. MD 2.8 (ISK).
	25	09	09	00.0&	61.731	N	149.623	W	37					83	SOUTHERN ALASKA. <AEIC>. ML 3.6 (AEIC).
	25	09	16	59.7	39.247	N	28.707	E	10	G			1.2	13	TURKEY. MD 3.2 (ISK).
	25	09	54	18.7	47.765	N	7.444	E	10	G			0.5	10	SWITZERLAND. ML 2.4 (LDG).
	25	09	57	17.0?	32.94	S	72.43	W	33	N			0.3	12	OFF COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	25	10	39	30.6?	39.20	N	28.72	E	10	G			1.5	4	TURKEY. MD 2.6 (ISK).
	25	10	49	53.0*	37.017	N	71.342	E	33	N	3.8		0.7	5	AFGHANISTAN-TAJIKISTAN BORD REG.
	25	10	50	30.5&	59.486	N	151.300	W	7					74	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.7 (AEIC). Felt (III) at Port Graham and Seldovia. Also felt at Homer.
	25	12	40	42.0%	42.809	N	13.425	E	5	G			1.1	5	CENTRAL ITALY
	25	12	56	30.7&	59.741	N	153.272	W	133					46	SOUTHERN ALASKA. <AEIC>.
	25	13	37	40.5%	39.267	N	0.475	W	10	G			1.1	5	SPAIN. mbLg 2.7 (MDD). Felt (III) in the Algemesi area.
	25	13	56	17.9*	5.023	S	144.077	E	79	*	3 9		1.3	10	NEW GUINEA, PAPUA NEW GUINEA
	25	13	57	53.4?	12.01	N	88.26	W	33	N	4.1		0.7	9	OFF COAST OF CENTRAL AMERICA
	25	14	00	41.9%	46.605	N	5.486	E	10	G			0.8	12	FRANCE. ML 2.4 (LDG).
	25	14	10	43.5*	41.693	N	22.320	E	10	G			0.3	6	NORTHWESTERN BALKAN REGION. ML 2.0 (SKO).
o	25	15	31	49.3	5.569	S	103.164	E	34	D	5.1	4.7	1.1	67	SOUTHERN SUMATERA, INDONESIA
	25	15	50	52.9*	43.624	N	128.649	W	10	G			0.4	60	OFF COAST OF OREGON
	25	16	38	43.0&	59.893	N	152.443	W	76		4.0			90	SOUTHERN ALASKA. <AEIC>.
	25	16	44	00.3?	38.65	N	30.54	E	10	G			1.3	5	TURKEY. MD 3.0 (ISK).
	25	17	55	41.5*	8.731	S	121.908	E	80	?	4.6		1.2	12	FLORES REGION, INDONESIA. Felt in the Maumere area.
	25	18	07	00.7*	30.062	N	69.322	E	33	N	4.2		1.1	9	PAKISTAN
	25	18	18	02.1?	32.51	S	71.83	W	24	*			0.9	9	NEAR COAST OF CENTRAL CHILE
	25	18	37	39.4?	36.78	N	29.07	E	10	G			0.5	4	TURKEY. MD 3.2 (ISK).
	25	18	40	24.5	44.100	N	11.179	E	10	G			0.7	7	NORTHERN ITALY. MD 2.6 (FIR).
	25	18	54	24.8%	45.523	N	26.187	E	109	?			0.3	7	ROMANIA
	25	18	57	15.4&	59.531	N	139.062	W	13					20	SOUTHEASTERN ALASKA. <AEIC>. ML 3.2 (AEIC), 3.4 (PGC).
	25	20	15	17.9%	46.469	N	2.595	E	10	G			0.5	5	FRANCE. ML 1.5 (LDG).
	25	20	15	34.8%	46.456	N	2.647	E	10	G			1.1	9	FRANCE. ML 1.8 (LDG).
	25	20	46	41.5	38.380	S	175.808	E	230		3.5		0.7	40	NORTH ISLAND, NEW ZEALAND
	25	21	43	24.0	24.942	S	68.983	W	112	*	4.4		1.5	24	CHILE-ARGENTINA BORDER REGION
	25	21	50	05.6%	39.068	N	27.311	E	10	G			0.9	5	TURKEY. MD 2.8 (ISK).
	25	22	15	27.1&	33.961	N	116.329	W	5					11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 2.8 (GS).
	25	22	15	56.4	49.144	N	6.842	E	10	G			0.8	22	GERMANY. ML 2.8 (STR).
	25	22	36	33.0	39.275	N	28.831	E	10	G			0.9	21	TURKEY. MD 3.7 (ISK). Felt at Kutahya.
	25	22	45	35.2?	33.62	S	69.68	W	33	N			1.4	5	CHILE-ARGENTINA BORDER REGION
	25	23	03	31.4*	42.073	N	142.765	E	33	N	3.5		1.3	10	HOKKAIDO, JAPAN REGION
	25	23	52	17.7&	61.070	N	151.900	W	89					21	SOUTHERN ALASKA. <AEIC>.
	26	00	28	02.3%	39.147	N	28.664	E	10	G			1.1	6	TURKEY. MD 2.8 (ISK).
	26	00	47	13.0	35.210	N	22.154	E	42		4.4		1.1	114	CENTRAL MEDITERRANEAN SEA. MD 4.1 (ATH).
	26	00	55	39.9*	10.418	S	127.392	E	33	N	4.8		0.5	5	TIMOR SEA
	26	01	06	42.5?	25.38	S	179.84	W	553	?	4.7		0.9	14	SOUTH OF FIJI ISLANDS
	26	01	43	57.4	2.074	N	127.226	E	137		5.0		0.8	23	NORTHERN MOLUCCA SEA
	26	02	53	55.7%	44.442	N	7.376	E	10	G			0.1	5	NORTHERN ITALY. ML 1.9 (GEN).
	26	03	02	29.2%	33.678	S	71.609	W	12				0.5	10	NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).
	26	03	28	47.2%	39.198	N	28.631	E	10	G			0.8	6	TURKEY. MD 2.9 (ISK).
	26	04	18	40.8?	39.28	N	28.69	E	10	G			0.2	4	TURKEY. MD 2.6 (ISK).
	26	05	22	20.9%	42.841	N	13.369	E	10	G			0.8	5	CENTRAL ITALY
	26	05	23	06.3	58.974	N	1.911	E	10	G			1.2	47	NORTH SEA. ML 3.9 (BGS). MD 3.3 (BER).
o	26	06	02	02.6	5.594	S	152.834	E	38	D	5.6	5.6	0.9	293	NEW BRITAIN REGION, P.N.G. Felt (IV) at Rabaul.
	26	06	44	07.9%	39 311	N	28.767	E	10	G			1 0	5	TURKEY. MD 2.9 (ISK).
	26	06	45	49.2%	39 242	N	28.706	E	10	G			0.1	6	TURKEY. MD 2.9 (ISK).
	26	06	46	39.1?	38.28	N	15.61	E	143	?			0.9	8	SICILY
	26	06	55	30.9	13 306	N	145.085	E	85		4.9		1.1	53	MARIANA ISLANDS. Felt (III) on Guam.
	26	07	02	07.4	43.677	N	18.669	E	10	G			0.6	11	NORTHWESTERN BALKAN REGION. ML 2.7 (TTG).
	26	07	33	19.0?	37.21	N	24.19	E	10	G			1.3	9	SOUTHERN GREECE. ML 3.3 (ATH).
	26	07	36	25.7?	19 04	N	108.37	W	10	G	3.9		0.9	23	REVILLA GIGEDO ISLANDS REGION
	26	07	51	38.1?	39 24	N	27.86	E	10	G			0.2	4	TURKEY. MD 2.8 (ISK).
	26	07	58	49.2?	39.22	N	28.83	E	10	G			0.1	5	TURKEY. MD 2.9 (ISK).
	26	09	17	01.6?	32.47	S	71.97	W	19	*			0.3	9	NEAR COAST OF CENTRAL CHILE
	26	09	43	24.6?	8.63	S	121.97	E	149	?	4.6		1.5	6	FLORES REGION, INDONESIA. Felt in the Maumere area.
	26	10	40	15.1&	39.953	N	120.825	W	13					11	NORTHERN CALIFORNIA. <GM-P>. MD 3.0 (GM).
	26	11	14	23.0?	32.44	S	71.98	W	10	G			0.6	10	NEAR COAST OF CENTRAL CHILE. MD 3.4 (SAN).
	26	11	23	05.6?	31.12	S	68.56	W	110	?			0.5	5	SAN JUAN PROVINCE, ARGENTINA
o	26	11	44	50.2	36.394	N	71.238	E	87	D	5.1		1.0	142	AFGHANISTAN-TAJIKISTAN BORD REG.
	26	12	02	01.7*	21.036	N	94.782	E	120	*	4.0		0.5	10	MYANMAR
	26	12	33	52.3%	39.307	N	28.767	E	10	G			0.4	9	TURKEY. MD 3.0 (ISK).
	26	13	04	24.8?	32.54	S	71.95	W	10	G			0.4	10	NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).
	26	13	18	07.7	48.416	N	7.736	E	10	G			0.4	8	FRANCE. ML 2.1 (LDG).
	26	13	58	27.4*	40.481	N	127.357	W	10	G	3.7		1.2	29	OFF COAST OF NORTHERN CALIFORNIA. ML 3.8 (BRK).
	26	14	51	32.0	40.401	N	127.404	W	10	G	4.1		1.0	32	OFF COAST OF NORTHERN CALIFORNIA. ML 3.9 (BRK).
o	26	14	57	38.8	1.011	S	78.064	W	12	G	5.8	5.4	1.0	275	ECUADOR. Slight damage at Tena. Felt (III) at Quito. Depth from broadband displacement seismograms.
	26	15	12	43.5	30.934	S	68.865	W	119	*			0.8	17	SAN JUAN PROVINCE, ARGENTINA. MD 4.1 (SAN).
	26	15	19	49.2%	39.381	N	28.760	E	10	G			0.5	6	TURKEY. MD 2.9 (ISK).
	26	16	08	56.5?	1.06	S	78.80	W	10	G	4.1		1.4	5	ECUADOR
	26	16	17	50.2	8.343	S	122.267	E	24	D	5.1	4.8	1.2	76	FLORES REGION, INDONESIA. Felt in the Maumere area.
	26	16	33	59.6%	39.178	N	28.579	E	10	G			0.9	5	TURKEY. MD 2.9 (ISK).
	26	16	41	28.1&	63.175	N	150.891	W	128					41	CENTRAL ALASKA. <AEIC>.
	26	16	48	53.5*	6.011	S	153.511	E	106	*	4.6		0.9	18	NEW BRITAIN REGION, P.N.G.
	26	17	59	17.0&	64.596	N	145.899	W	11					27	CENTRAL ALASKA. <AEIC>. ML 2.8 (AEIC), 2.8 (PMR).

	26	18	23	10.8&	48.981	N	128.982	W	10	G	3.2			16	VANCOUVER ISLAND REGION. <PGC-P>. ML 3.3 (PGC).
a	26	19	14	25.7	32.457	S	178.282	W	10	G	5.5	5.5	1.1	80	SOUTH OF KERMADEC ISLANDS
	26	19	28	06.3	32.421	S	178.287	W	10	G	5.2		1.0	78	SOUTH OF KERMADEC ISLANDS
	26	19	38	05.1*	32.693	S	177.681	W	10	G	5.3		1.4	40	SOUTH OF KERMADEC ISLANDS
a	26	19	52	24.9	0.564	S	19.318	W	27	D	5.8	6.2	1.2	213	CENTRAL MID-ATLANTIC RIDGE
	26	20	27	24.1	39.230	N	28.741	E	10	G			0.8	15	TURKEY. MD 3.3 (ISK).
	26	20	52	40.7&	56.366	N	120.762	W	5	G	5.0			9	BRITISH COLUMBIA, CANADA. <PGC-P>. ML 4.0 (PGC). Felt (V) at Fort St. John.
	26	21	18	31.2	40.114	N	25.027	E	10	G			1.0	12	AEGEAN SEA
	26	21	45	28.5&	64.963	N	147.483	W	16					10	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC).
	26	22	11	05.4	43.934	N	127.887	W	10	G	5.3	5.3	0.9	285	OFF COAST OF OREGON. ML 5.5 (BRK).
	26	22	13	26.0*	35.452	N	139.708	E	33		4.3		1.3	13	NEAR S. COAST OF HONSHU, JAPAN
	26	22	37	46.7%	34.338	S	70.468	W	12				0.5	11	CHILE-ARGENTINA BORDER REGION. MD 3.9 (SAN).
	26	22	46	03.2&	36.578	N	121.207	W	4					24	CENTRAL CALIFORNIA. <BRK>. ML 2.9 (BRK), 3.1 (GS). Felt (III) at Pacific Grove.
	27	00	18	38.0&	34.352	N	116.894	W	4					22	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.8 (PAS), 3.6 (GS). Felt (IV) at Fawnskin and (III) at Highlond. Also felt at Big Bear City.
	27	01	18	16.5	1.081	S	78.337	W	10	G	4.8		1.1	24	ECUADOR
	27	01	47	42.3	50.699	N	96.570	E	33	N	3.8		1.1	10	RUSSIA-MONGOLIA BORDER REGION
	27	01	54	48.4?	39.32	N	28.67	E	10	G			0.3	5	TURKEY. MD 2.9 (ISK).
	27	02	13	10.0*	0.163	S	19.729	W	10	G	4.2		0.7	9	CENTRAL MID-ATLANTIC RIDGE
	27	02	17	11.0*	36.862	N	138.533	E	33	N			0.9	6	EASTERN HONSHU, JAPAN
	27	02	31	04.2*	17.170	N	95.187	W	33	N			1.1	5	OAXACA, MEXICO
	27	02	36	22.3	41.830	N	19.351	E	10	G			1.0	14	ALBANIA. ML 2.3 (TTG).
	27	03	07	25.8&	34.949	N	116.928	W	0					10	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	27	03	13	09.3%	33.019	S	70.374	W	96	?			0.3	11	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
	27	03	13	29.8?	39.26	N	28.70	E	5	G			0.5	4	TURKEY. MD 2.8 (ISK).
	27	03	27	58.2?	39.30	N	28.75	E	5	G			0.4	4	TURKEY. MD 2.8 (ISK).
	27	04	50	43.8*	7.855	N	94.281	E	33	N	4.6		1.2	15	NICOBAR ISLANDS, INDIA
	27	05	55	15.3	38.046	S	175.728	E	279		4.4		1.2	68	NORTH ISLAND, NEW ZEALAND
	27	05	57	38.2&	60.549	N	152.680	W	3		3.0			64	SOUTHERN ALASKA. <AEIC>. ML 3.2 (AEIC), 3.4 (PMR).
	27	05	58	37.1*	16.917	N	145.226	E	243	*	5.0		0.6	16	MARIANA ISLANDS
	27	06	47	13.3*	13.519	N	92.077	W	41	?	4.2		1.2	9	OFF COAST OF CHIAPAS, MEXICO
	27	08	11	25.8%	33.004	S	72.110	W	8				0.5	11	OFF COAST OF CENTRAL CHILE. MD 3.7 (SAN).
	27	08	15	12.2?	32.99	S	72.14	W	10	G			0.3	11	OFF COAST OF CENTRAL CHILE MD 3.7 (SAN).
	27	08	17	51.7%	32.969	S	72.233	W	5	G			0.2	11	OFF COAST OF CENTRAL CHILE. MD 3.7 (SAN).
	27	08	43	29.3?	38.25	N	27.13	E	5	G			0.8	6	TURKEY. MD 3.4 (ISK).
	27	09	28	11.6%	40.380	N	23.941	E	5	G			0.6	5	GREECE
	27	09	45	09.7?	11.02	N	62.25	W	33	N			0.9	6	WINDWARD ISLANDS. MD 3.3 (TRN).
	27	10	08	53.6?	39.27	N	28.74	E	10	G			1.1	5	TURKEY. MD 2.7 (ISK).
	27	10	12	58.9&	37.500	N	89.630	W	5	G				28	CAPE GIRARDEAU, MISSOURI REGION. <SLM-P>. MD 3.2 (SLM). mbLg 3.2 (GS), 3.2 (TUL). Felt (IV) at Oak Ridge and Pocohontas; (III) at Altenburg, Brazeau, Frohna, Gordonville, Jackson, Old Appleton, Perryville and Uniontown. Also felt in the Cape Girardeau area. Felt (IV) at Anna and Wolf Lake, Illinois.
	27	10	14	10.0&	37.500	N	89 620	W	10	G				7	CAPE GIRARDEAU, MISSOURI REGION. <SLM-P>. MD 2.7 (SLM).
	27	10	39	01.8%	34.310	S	70.456	W	120	G			0.2	11	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
	27	11	13	19.4	40.497	N	127.325	W	10	G	4.4		1.1	60	OFF COAST OF NORTHERN CALIFORNIA. ML 4.3 (BRK).
	27	12	10	27.4	9.458	S	123.603	E	89	*	5.0		1.1	24	TIMOR REGION, INDONESIA
	27	12	23	21.5	63.997	N	21.411	W	10	G	4.3		0.9	33	ICELAND REGION
	27	12	38	56.8%	35.246	N	110.804	E	33	N			1.5	5	SOUTHEASTERN CHINA. ML 3.6 (BJI).
	27	13	37	50.5&	64.823	N	147.403	W	11					15	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
	27	13	40	46.7*	40.548	N	127.353	W	10	G	3.3		1.3	27	OFF COAST OF NORTHERN CALIFORNIA. ML 4.0 (BRK).
	27	14	04	03.3%	40.484	N	23.623	E	10	G			0.7	5	GREECE
	27	14	39	31.1	43.461	N	0.622	W	5	G			0.6	15	PYRENEES. ML 3.1 (LDG). Felt (III) at the Lacq Oilfield, France.
	27	14	57	22.1?	38.38	N	27.38	E	5	G			1.0	6	TURKEY. MD 3.2 (ISK).
	27	15	01	29.8?	38.33	N	27.16	E	5	G			1.0	4	TURKEY. MD 3.0 (ISK).
	27	15	31	57.7?	34.13	S	178.26	W	66	?	4.8		1.1	10	SOUTH OF KERMADEC ISLANDS
	27	15	37	15.0&	60.109	N	140.577	W	13					19	SOUTHEASTERN ALASKA. <AEIC>. ML 2.9 (AEIC), 2.6 (PGC).
	27	15	37	41.4&	60.144	N	153.129	W	136		3.0			51	SOUTHERN ALASKA. <AEIC>.
	27	16	15	20.6?	13.76	N	89.93	W	10	G			0.2	4	EL SALVADOR. Felt (III) at San Salvador.
	27	16	16	28.1?	14.47	N	92.05	W	33	N	3.7		0.8	8	NEAR COAST OF CHIAPAS, MEXICO
	27	16	21	17.1	38.857	N	142.320	E	28	D	5.6	5.7	1.0	357	NEAR EAST COAST OF HONSHU, JAPAN
	27	16	23	39.9?	26.58	S	176.07	W	10	G			0.5	6	SOUTH OF FIJI ISLANDS
	27	17	10	38.1	41.640	N	23.171	E	5	G			0.5	11	GREECE-BULGARIA BORDER REGION. ML 2.5 (SKO).
	27	18	10	25.4*	31.671	S	71.842	W	33	N			1.1	14	NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN).
	27	18	40	38.6%	28.517	S	66.257	W	10	G			0.4	5	CATAMARCA PROVINCE, ARGENTINA
	27	20	11	06.3%	39.359	N	28.752	E	10	G			0.6	7	TURKEY. MD 3.0 (ISK).
	27	20	45	39.6&	34.268	N	116.457	W	1					10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS). Felt.
	27	21	09	37.6	39.488	N	71 668	E	33	N	4.7	4.2	1.2	53	TAJIKISTAN. Felt (III) at Daraut-Kurgan and Khoydarken, Kyrgyzston.
	27	21	11	36.7?	5.50	S	129.51	E	138	?	4.5		1.5	5	BANDA SEA
	27	21	41	14.6*	31.789	S	72.200	W	91	?			1.2	22	OFF COAST OF CENTRAL CHILE. MD 4.4 (SAN).
a	27	21	49	04.4	6.087	S	113.050	E	601	G	5.9		0.9	421	JAWA, INDONESIA. Depth from broadband displacement seismograms.
	27	22	21	03.5?	40.55	N	27.67	E	10	G			0.9	6	TURKEY. MD 2.7 (ISK).
	27	22	38	23.4?	32.22	S	70.93	W	70	G			0.5	8	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	27	23	39	56.9*	31.490	S	67.886	W	32	*			0.1	6	SAN JUAN PROVINCE, ARGENTINA
	27	23	58	38.0*	35.972	S	101.910	W	10	G	5.3		0.9	46	SOUTHERN PACIFIC OCEAN
	28	00	16	17.4?	34.33	S	101.50	W	10	G	5.3		0.8	41	WEST CHILE RISE
	28	00	38	55.4?	19.02	N	64.85	W	10	G			0.1	6	VIRGIN ISLANDS
	28	00	48	05.2	58.279	N	150.398	W	10	G			0.8	47	GULF OF ALASKA. ML 2.8 (AEIC).
	28	01	06	27.0*	16.685	S	176.622	E	10	G	4.7		1.3	9	FIJI ISLANDS REGION
	28	01	23	46.6%	39.289	N	28.762	E	10	G			0.6	11	TURKEY. MD 3.2 (ISK).
	28	02	08	21.4	47.241	N	9.188	E	5	G			1.0	61	GERMANY. ML 3.7 (VIE), 3.4 (LDG), 3.3 (GRF).
	28	02	17	12.0	28.002	S	66.716	W	187	*			0.3	12	CATAMARCA PROVINCE, ARGENTINA
	28	02	50	09.6	38.826	N	142.839	E	10	G	4.2		1.3	20	NEAR EAST COAST OF HONSHU, JAPAN
	28	03	14	42.7	45.872	N	5.461	E	12				0.9	55	FRANCE. ML 3.8 (LDG).
	28	03	16	38.9*	9.055	S	123.028	E	33	N	4.5		0 6	8	TIMOR REGION, INDONESIA

	28	04	06	09.8*	7.461	N	76.467	W	51	?	3.7		0.5	8	NORTHERN COLOMBIA
	28	04	19	51.4?	39.49	N	28.74	E	10	G			0.3	4	TURKEY. MD 2.7 (ISK).
	28	04	21	34.0&	58.174	N	151.365	W	2					29	KODIAK ISLAND REGION. <AEIC>. ML 2.7 (AEIC).
	28	04	24	35.9	8.264	S	122.424	E	27	D	5.4		1.1	126	FLORES REGION, INDONESIA
	28	05	14	32.0?	10.74	N	61.62	W	10	G			0.8	4	TRINIDAD. MD 2.8 (TRN).
	28	05	23	25.6	23.922	N	121.738	E	35	D	5.0	4.8	1.0	111	TAIWAN. Felt (IV JMA) at Hua-lien, (III JMA) at Su-ao and (II JMA) at I-lan. Landslides reported along a highway in the epicentral area.
	28	05	31	25.0?	34.01	S	101.28	W	10	G	5.2		0.8	31	WEST CHILE RISE
	28	05	48	17.2*	37.097	S	177.179	E	230	*	4.1		1.2	35	OFF E. COAST OF N. ISLAND, N.Z.
	28	06	32	33.4*	1.234	S	78.593	W	10	G	4.0		1.1	8	ECUADOR
	28	07	58	12.9?	40.44	N	23.56	E	10	G			0.1	4	GREECE
	28	08	16	04.7	44.678	N	110.994	W	5	G			0.5	14	YELLOWSTONE REGION, WYOMING. ML 2.7 (GS), 3.2 (BUT).
	28	08	19	26.5	38.732	N	142.664	E	14		4.4		1.3	27	NEAR EAST COAST OF HONSHU, JAPAN
a	28	08	45	42.6	26.070	N	67.299	E	44	D	5.3	4.8	1.0	195	PAKISTAN
	28	09	04	05.2&	63.415	N	151.217	W	14					69	CENTRAL ALASKA. <AEIC>. ML 3.7 (AEIC), 4.0 (PMR).
	28	09	20	15.7&	61.195	N	152.085	W	129					41	SOUTHERN ALASKA. <AEIC>.
	28	09	23	04.7*	7.207	N	76.255	W	88	?	3.9		1.5	8	NORTHERN COLOMBIA
	28	09	59	23.1*	6.732	N	72.552	W	121	*	4.1		0.7	12	NORTHERN COLOMBIA
	28	10	23	22.2	38.878	N	142.488	E	30	D	5.0	4.7	1.0	129	NEAR EAST COAST OF HONSHU, JAPAN
	28	10	27	26.9	44.702	N	110.958	W	5	G			0.6	13	YELLOWSTONE REGION, WYOMING. ML 3.0 (BUT), 2.5 (GS).
a	28	10	34	38.1	38.885	N	142.388	E	27	D	4.9	4.8	1.1	110	NEAR EAST COAST OF HONSHU, JAPAN
	28	11	21	35.7&	63.021	N	150.734	W	118					60	CENTRAL ALASKA. <AEIC>.
	28	12	32	05.3*	25.245	N	67.762	E	33	N	3.6		0.7	9	PAKISTAN
	28	13	42	02.5	30.057	N	69.183	E	17	D	4.8	4.4	1.0	62	PAKISTAN
	28	13	52	29.1	40.379	N	142.360	E	63		4.3		1.1	22	NEAR EAST COAST OF HONSHU, JAPAN
	28	16	29	00.3	28.864	N	142.376	E	33	N	4.9	3.7	0.8	30	BONIN ISLANDS REGION
	28	17	14	29.5?	8.21	S	105.84	E	33	N	4.4		1.4	8	SOUTH OF JAWA, INDONESIA
	28	17	18	02.9	44.355	N	7.934	W	10	G			0.9	28	NORTH ATLANTIC OCEAN. mbLg 3.6 (MDD).
	28	17	42	39.7&	34.201	N	116.435	W	7					7	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	28	17	45	32.2?	11.27	N	61.96	W	100	G			0.4	5	WINDWARD ISLANDS. MD 3.2 (TRN).
	28	17	51	20.8&	33.947	N	116.306	W	4					15	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.0 (GS). Multiple event. Felt.
	28	17	57	03.6	42.383	N	43.525	E	10	G	4.4		1.1	27	NORTHWESTERN CAUCASUS. Felt (III) at Mizur, Georgia.
	28	18	00	29.2&	33.946	N	116.306	W	5					16	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.8 (PAS), 3.3 (GS).
	28	18	07	46.7*	3.140	S	129.426	E	62	?	4.9		1.1	20	SERAM, INDONESIA
	28	19	17	50.0?	32.26	S	71.93	W	10	G			0.4	9	NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	28	19	20	33.0	19.411	N	64.614	W	38		4.9	4.8	1.0	107	VIRGIN ISLANDS. Felt on St. Croix, St. John and St. Thomas. Also felt in parts of Puerto Rico.
	28	19	52	48.5	19.504	N	64.571	W	24		5.4	4.9	1.1	198	VIRGIN ISLANDS. Felt on St. Croix, St. John and St. Thomas. Also felt in parts of Puerto Rico.
	28	20	24	43.5	3.701	S	128.055	E	111	D	5.2		0.9	88	SERAM, INDONESIA
	28	21	16	07.0*	19.775	N	64.696	W	20	*	4.1		0.7	8	VIRGIN ISLANDS
	28	21	59	07.8	39.304	N	28.817	E	10	G			0.7	18	TURKEY. MD 3.8 (ISK). Felt at Kutahya.
	28	22	44	55.0?	39.21	N	28.67	E	10	G			0.1	4	TURKEY. MD 2.9 (ISK).
	28	22	48	57.0%	39.324	N	28.730	E	10	G			0.5	5	TURKEY. MD 2.7 (ISK).
	28	23	08	47.0%	39.194	N	28.575	E	10	G			0.6	5	TURKEY. MD 2.9 (ISK).
	28	23	19	35.0	19.449	N	64.609	W	28		4.9	4.7	1.1	116	VIRGIN ISLANDS
	29	00	01	44.2*	38.797	N	142.620	E	33	N	4.1	4.3	1.3	14	NEAR EAST COAST OF HONSHU, JAPAN
	29	01	25	43.9	2.403	N	126.658	E	73	*	5.2		1.0	92	NORTHERN MOLUCCA SEA
o	29	01	57	22.5	0.012	N	122.914	E	185	D	5.4		1.1	186	MINAHASSA PENINSULA, SULAWESI
	29	02	08	58.2	38.940	N	142.376	E	41	*	4.9		1.2	40	NEAR EAST COAST OF HONSHU, JAPAN. Felt (III JMA) at Ofunato; (II JMA) at Ishinomaki and Morioka; (I JMA) at Miyako, Sakoto, Sendai and Shinjo.
	29	02	44	00.8*	37.488	N	72.167	E	112	?	4.4		0.6	12	TAJIKISTAN
	29	03	30	33.9	19.673	N	64.509	W	10	G	4.6		1.1	32	VIRGIN ISLANDS
	29	03	54	02.6?	32.15	S	70.28	W	120	G			0.3	9	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	29	04	02	04.2?	19.90	N	64.85	W	13	*	3.7		1.4	8	VIRGIN ISLANDS
	29	04	35	36.2	39.255	N	28.778	E	10	G			0.8	8	TURKEY. MD 3.2 (ISK).
	29	05	24	01.0	39.989	S	177.105	E	79	*			0.8	26	OFF E. COAST OF N. ISLAND, N.Z.
	29	05	41	40.6	44.571	N	7.380	E	10	G			0.5	11	NORTHERN ITALY. ML 2.4 (GEN).
	29	06	04	09.3*	32.332	N	141.663	E	33	N	4.5		1.1	20	SOUTH OF HONSHU, JAPAN
	29	06	27	23.3%	39.560	N	23.935	E	5	G			0.2	9	AEGEAN SEA
	29	07	18	20.3	45.341	N	6.749	E	10	G			1.3	22	FRANCE. ML 2.5 (LDG).
	29	08	17	18.0?	33.11	S	72.24	W	13				0.7	12	OFF COAST OF CENTRAL CHILE. MD 4.2 (SAN).
	29	09	58	04.0?	33.10	S	72.36	W	10	G			0.3	9	OFF COAST OF CENTRAL CHILE. MD 3.7 (SAN).
	29	10	23	10.2	35.107	N	27.857	E	61	*	3.9		1.1	24	DODECANESE ISLANDS
	29	10	42	27.8	39.492	N	26.551	E	10	G			1.2	8	TURKEY. MD 3.2 (ISK).
	29	11	20	18.0%	41.121	N	28.702	E	10	G			1.0	5	TURKEY. MD 2.9 (ISK).
	29	11	41	07.5	35.980	N	31.126	E	64		4.4		1.2	115	CYPRUS REGION. MD 4.1 (ISK). Felt in the Antalya area, Turkey.
	29	11	55	09.7%	40.512	N	23.550	E	10	G			0.6	5	GREECE
	29	12	13	30.8	24.001	N	122.645	E	29		4.6		1.2	62	TAIWAN REGION. ML 4.8 (BJI).
	29	12	46	40.6?	20.33	S	178.95	W	695	?	4.4		1.1	12	FIJI ISLANDS REGION
	29	13	49	31.9&	59.521	N	153.645	W	122					32	SOUTHERN ALASKA. <AEIC>.
	29	14	01	25.2%	42.756	N	19.158	E	10	G			0.3	8	NORTHWESTERN BALKAN REGION. ML 1.7 (TTG).
	29	14	50	43.2	39.278	N	20.262	E	5	G	3.8		1.1	23	GREECE-ALBANIA BORDER REGION. MD 3.6 (ATH). ML 3.6 (TIR).
	29	15	32	33.0?	16.60	N	61.42	W	33	N			0.5	5	LEEWARD ISLANDS. ML 2.8 (FDF).
	29	16	02	47.9%	40.201	N	0.912	W	10	G			1.1	5	SPAIN. mbLg 2.8 (MDD).
	29	16	15	16.6*	38.606	S	178.460	E	43	?			1.1	11	OFF E. COAST OF N. ISLAND, N.Z.
	29	16	31	31.1%	15.936	N	60.737	W	31	*			0.2	8	LEEWARD ISLANDS. ML 3.1 (FDF).
	29	17	11	49.2	38.309	N	142.773	E	43		4.6	4.1	1.0	44	NEAR EAST COAST OF HONSHU, JAPAN
	29	17	13	53.5%	40.701	N	23.357	E	10	G			0.3	5	GREECE
	29	17	32	58.2	7.529	S	120.803	E	39	*	4.9		1.0	31	FLORES SEA
	29	17	41	25.3%	44.638	N	6.814	E	10	G			0.3	6	FRANCE. ML 1.9 (GEN).
	29	18	24	09.2*	17.796	S	69.584	W	155				1.1	15	PERU-BOLIVIA BORDER REGION. Felt (IV) at Arica, Iquique and Putre; (III) at Pozo Almonte, Chile. Felt (IV) at Tocna, Peru.
	29	20	20	53.2*	25.046	S	129.386	E	10	G			0.7	8	NORTHERN TERRITORY, AUSTRALIA
a	29	20	31	43.4	31.690	S	67.309	W	131	D	5.1		1.0	94	SAN JUAN PROVINCE, ARGENTINA. Felt (III) in San Juan Province.
	29	20	50	06.8	2.940	N	126.667	E	33	N	4.5		0.7	12	NORTHERN MOLUCCA SEA

	29	20	53	56.2	32.762	S	69.219	W	10	G		0.7	12	MENDOZA PROVINCE, ARGENTINA. MD 3.8 (SAN).
	29	21	05	02.0&	37.480	N	121.635	W	6				18	CENTRAL CALIFORNIA. <BRK>. ML 2.7 (BRK).
	29	21	10	50.7?	18.67	N	65.66	W	33	N		0.4	5	PUERTO RICO REGION
a	29	21	17	31.8	9.295	S	123.987	E	95		5.5	1.3	165	TIMOR REGION, INDONESIA. Felt in the Maumere area, Flores.
	29	23	01	35.2&	60.458	N	151.256	W	62				70	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.2 (AEIC).
	29	23	18	43.5?	20.42	S	67.91	E	10	G	4.6	0.6	17	MID-INDIAN RIDGE
	29	23	19	23.5&	56.964	N	155.097	W	55				42	ALASKA PENINSULA. <AEIC>. ML 3.5 (AEIC).
	29	23	23	01.1%	45.611	N	0.835	E	5	G		0.7	7	FRANCE. ML 1.8 (LDG).
	30	00	17	44.4*	9.004	S	123.966	E	65	?	4.1	0.8	11	TIMOR REGION, INDONESIA
	30	01	23	07.8*	22.748	S	66.431	W	237	?		0.6	6	JUJUY PROVINCE, ARGENTINA
	30	02	11	29.4*	24.281	S	67.274	W	202	*		1.1	9	CHILE-ARGENTINA BORDER REGION
	30	03	14	27.7	39.224	N	20.121	E	50	*	3.5	1.2	16	GREECE-ALBANIA BORDER REGION
	30	03	54	03.8&	60.144	N	148.426	W	9				49	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.7 (AEIC).
a	30	04	30	13.1	20.243	S	68.074	E	17	D	5.3 5.0	1.2	125	MID-INDIAN RIDGE
	30	05	09	01.2?	28.50	S	178.01	W	10	G	4.3	1.5	6	KERMADEC ISLANDS REGION
	30	05	37	44.7?	24.02	N	122.71	E	10	G		0.1	5	TAIWAN REGION
a	30	06	25	26.6	7.986	S	159.041	E	50	D	5.6	1.0	227	SOLOMON ISLANDS. Felt (II) at Honiara.
	30	07	13	49.2*	39.276	N	28.654	E	10	G		1.2	7	TURKEY. MD 3.2 (ISK).
	30	07	21	14.2%	40.882	N	22.994	E	10	G		0.2	5	GREECE
	30	07	39	24.5*	39.269	N	28.841	E	10	G		0.4	6	TURKEY. MD 3.2 (ISK).
	30	08	05	08.0*	6.776	S	147.328	E	33	N	4.8	1.3	19	EASTERN NEW GUINEA REG., P.N.G.
	30	08	25	28.8?	19.29	N	64.89	W	10	G		0.1	5	VIRGIN ISLANDS
	30	09	02	43.2%	40.412	N	21.841	E	10	G		0.7	5	GREECE
	30	09	53	51.6%	40.635	N	22.991	E	5	G		0.5	8	GREECE
	30	10	13	34.7	3.464	S	130.922	E	33	N	5.0	1.4	7	SERAM, INDONESIA
	30	10	22	28.6	39.298	N	28.732	E	10	G		0.8	8	TURKEY. MD 3.2 (ISK).
	30	10	30	43.7&	58.289	N	151.250	W	0		3.3		68	KODIAK ISLAND REGION. <AEIC>. ML 4.0 (AEIC), 4.0 (PMR).
	30	10	56	43.5	41.431	N	0.364	W	10	G		0.8	10	SPAIN. mbLg 2.8 (MDD).
	30	10	58	45.5*	41.201	N	0.847	W	10	G		1.2	5	SPAIN. mbLg 2.8 (MDD).
	30	11	41	06.1?	39.06	N	27.67	E	10	G		0.3	4	TURKEY
	30	12	40	11.5?	40.93	N	24.15	E	10	G		0.9	5	AEGEAN SEA
	30	12	41	05.7?	40.91	N	24.18	E	10	G		0.8	5	AEGEAN SEA
	30	12	45	20.5?	4.18	S	143.64	E	33	N	5.0	1.1	9	NEW GUINEA, PAPUA NEW GUINEA
	30	12	46	36.7%	39.343	N	28.813	E	10	G		0.7	5	TURKEY. MD 2.9 (ISK).
	30	12	59	45.4	45.153	N	148.042	E	133		4.7	0.9	94	KURIL ISLANDS
	30	13	28	32.0?	42.29	N	23.91	E	10	G		0.8	7	BULGARIA
	30	13	39	22.1*	10.989	N	94.651	E	60	?	4.2	1.0	12	ANDAMAN ISLANDS, INDIA
	30	13	55	18.6	10.753	N	94.413	E	33	N	4.4	0.6	10	ANDAMAN ISLANDS, INDIA
	30	14	08	29.8*	38.819	N	142.731	E	10	G		1.1	12	NEAR EAST COAST OF HONSHU, JAPAN
	30	14	16	56.3?	43.45	N	147.54	E	33	N		0.9	8	KURIL ISLANDS
	30	14	28	00.8	41.361	N	143.579	E	38		4.1	0.8	27	HOKKAIDO, JAPAN REGION
	30	15	26	42.9*	44.438	N	148.238	E	33	N	4.5	1.3	16	KURIL ISLANDS
	30	15	41	42.8%	60.407	N	5.000	E	10	G		0.2	8	SOUTHERN NORWAY. MD 1.4 (BER).
	30	15	49	24.8%	56.388	N	4.436	W	10	G		0.2	11	UNITED KINGDOM. ML 2.2 (BGS).
	30	15	54	10.0	9.603	N	126.443	E	61	*	4.9	1.1	57	MINDANAO, PHILIPPINE ISLANDS
	30	16	01	20.5&	33.808	N	116.195	W	7				6	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	30	16	06	01.3	38.375	N	26.909	E	10	G		1.1	13	AEGEAN SEA. MD 3.5 (ISK).
	30	16	29	28.8?	39.27	N	28.72	E	10	G		0.5	5	TURKEY. MD 2.7 (ISK).
	30	17	23	49.4	39.248	N	28.767	E	10	G		0.7	9	TURKEY. MD 3.2 (ISK).
	30	17	36	44.8*	33.162	N	45.977	E	33	N	4.0	1.3	6	IRAN-IRAQ BORDER REGION
	30	18	10	22.7	36.558	N	30.139	E	5	G	4.0	1.0	24	TURKEY. MD 4.0 (ATH), 3.8 (ISK).
	30	18	42	41.3?	39.36	N	28.80	E	10	G		0.2	4	TURKEY. MD 2.8 (ISK).
	30	19	17	20.7	6.170	S	149 069	E	64		5.2	0.9	75	NEW BRITAIN REGION, P.N.G.
	30	19	43	46.6	40.544	N	21.670	E	10	G		0.5	14	GREECE
	30	19	59	15.5&	37.636	N	118.952	W	7				11	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.1 (GM). ML 2.8 (GS).
	30	20	19	50.6*	8.285	N	72.822	W	183		4.2	1.1	34	VENEZUELA
	30	20	27	59.0%	39.284	N	28 697	E	10	G		0.4	7	TURKEY. MD 2.9 (ISK).
	30	20	29	05.0?	19.58	N	64.54	W	33	N		0.1	8	VIRGIN ISLANDS
	30	21	34	11.1	47.702	N	8.287	E	33	N		1.1	112	SWITZERLAND. ML 4.2 (LDG), 4.2 (VIE), 4.1 (FUR), 4.1 (GRF), 3.9 (BNS). MD 4.1 (TRI). Felt at Basel, Schaffhausen, Zurich and in the Luzern area. Also felt in southwestern Germany and (III) in southern Alsace, France.
	30	22	53	26.1*	17.126	N	119.943	E	33	N	4.5 3.8	1.4	6	PHILIPPINE ISLANDS REGION
	30	22	59	52.8%	38.917	N	142.609	E	10	G		0.7	5	NEAR EAST COAST OF HONSHU, JAPAN
	30	23	16	56.7*	39.974	N	19 821	E	10	G		1.3	13	GREECE-ALBANIA BORDER REGION. ML 2.3 (TIR).
	30	23	50	16.5	39.278	N	28 682	E	11			0.7	13	TURKEY. MD 3.3 (ISK).
	31	00	04	23.4%	39.252	N	28 659	E	10	G		0.7	6	TURKEY. MD 2.8 (ISK).
	31	00	32	55.0	10.663	N	94.500	E	33	N	4.7	1.1	35	ANDAMAN ISLANDS, INDIA
	31	01	16	21.5&	32.829	N	115 637	W	15				6	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 2.8 (PAS).
a	31	01	28	10.4	6.739	N	72.962	W	167		4.9	0.8	255	NORTHERN COLOMBIA. Felt in the Bogota-Manizales-Medellin area.
	31	01	37	20.0?	33.92	S	70.38	W	120	?		0.2	11	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
	31	01	50	31.0	42.894	S	173.134	E	61	*		0.4	19	SOUTH ISLAND, NEW ZEALAND
	31	01	59	43.5&	45.560	N	111.707	W	7				12	MONTANA. <BUT>. ML 2.9 (BUT). Felt at Norris.
	31	02	28	09.0*	39.230	N	20.121	E	10	G		0.5	5	GREECE-ALBANIA BORDER REGION
	31	02	50	33.1	26.467	S	75.144	E	10	G	5.2 4.7	0.6	50	MID-INDIAN RIDGE
	31	02	57	26.9%	47.129	N	2.772	W	10	G		0.6	11	FRANCE. ML 2.9 (LDG).
	31	03	03	07.2?	49.82	N	0.30	W	10	G		0.6	9	FRANCE. ML 2.8 (LDG).
	31	03	03	07.7*	35.871	N	141.733	E	37	*	4.2	1.3	26	NEAR EAST COAST OF HONSHU, JAPAN
	31	03	04	46.1%	39.243	N	28.778	E	10	G		0.7	8	TURKEY. MD 3.0 (ISK).
	31	03	30	37.6&	60.798	N	149.067	W	31				48	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.6 (AEIC).
	31	03	55	37.6?	48.31	N	8.66	E	10	G		1.3	4	GERMANY
	31	04	01	02.8	31.514	S	67.989	W	118		5.2	0.9	43	SAN JUAN PROVINCE, ARGENTINA
	31	04	33	38.3&	64.773	N	148.925	W	14				42	CENTRAL ALASKA. <AEIC>. ML 3.3 (AEIC).
	31	05	40	54.6	6.632	S	130.592	E	63		5.0	0.5	26	BANDA SEA
	31	06	23	26.2*	34.947	S	17.225	W	10	G	5.1 4.7	1.2	34	SOUTHERN MID-ATLANTIC RIDGE
	31	06	37	19.8%	39.230	N	28.650	E	10	G		0.8	5	TURKEY. MD 3.0 (ISK).
	31	06	42	07.2?	39.35	N	28.83	E	10	G		0.5	4	TURKEY. MD 2.8 (ISK).
	31	06	50	43.5&	63.168	N	150.516	W	109				80	CENTRAL ALASKA. <AEIC>.

a	31	07 02 44.2	38.849	N	142.384	E	37		5.5 5.1	0.9	289	NEAR EAST COAST OF HONSHU, JAPAN. Felt (III JMA) in the Miyako-Ofunato-Moriaka area.
a	31	07 26 06.2	38.902	N	142.421	E	39		5.4 5.5	1.0	293	NEAR EAST COAST OF HONSHU, JAPAN. Felt (IV JMA) in the Miyako-Ofunato-Moriaka area.
	31	07 34 07.0	38.862	N	142.710	E	33	N	4.8	0.9	19	NEAR EAST COAST OF HONSHU, JAPAN. Felt (II JMA) in the Miyako-Ofunato-Moriaka area.
	31	07 45 31.7&	34.198	N	116.428	W	4				8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.8 (GS).
	31	07 49 10.6&	34.267	N	116.450	W	1				10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.0 (GS). Felt.
	31	09 05 29.0	41.001	N	22.051	E	5	G		0.6	7	NORTHWESTERN BALKAN REGION. ML 1.3 (SKO).
	31	09 27 23.8	48.335	N	8.932	E	10	G		1.0	13	GERMANY. ML 2.8 (LDG), 2.4 (GRF).
	31	09 52 28.2?	40.62	N	22.99	E	10	G		0.2	4	GREECE
	31	10 30 32.2	33.617	N	100.548	E	33	N	4.6	1.2	23	QINGHAI, CHINA. ML 4.7 (BJI).
	31	10 32 21.8?	51.51	N	15.98	E	10	G		1.3	5	POLAND
	31	10 57 57.5*	31.858	S	71.639	W	10	G		0.7	12	NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN).
	31	11 07 02.8&	37.150	N	121.143	W	2				21	CENTRAL CALIFORNIA. <BRK>. ML 2.6 (BRK).
	31	11 19 15.3	44.098	N	11.846	E	31			0.9	70	NORTHERN ITALY. ML 3.9 (LDG), 3.9 (VIE). MD 3.6 (TRI).
	31	11 44 38.1	51.420	N	178.523	W	33	N	4.2	1.0	27	ANDREANOF ISLANDS, ALEUTIAN IS.
	31	12 18 45.8	39.267	N	28.778	E	10	G		0.6	11	TURKEY. MD 3.2 (ISK).
	31	12 19 31.9	19.621	N	64.556	W	33	N	4.4 3.6	1.0	26	VIRGIN ISLANDS
	31	12 21 28.0	39.265	N	28.751	E	10	G		0.8	14	TURKEY. MD 3.6 (ISK).
	31	12 22 48.3*	51.121	N	15.882	E	10	G		0.9	8	POLAND. MG 2.8 (WAR).
	31	12 43 08.5?	32.34	S	71.66	W	10	G		0.3	9	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
	31	12 51 55.0&	36.327	N	120.930	W	7				17	CENTRAL CALIFORNIA. <BRK>. ML 2.6 (BRK).
	31	13 15 54.5*	8.280	S	118.956	E	33	N	4.1	1.3	5	SUMBAWA REGION, INDONESIA
	31	13 18 42.3?	24.66	S	178.82	E	652	?	4.5	1.3	24	SOUTH OF FIJI ISLANDS
	31	13 47 03.4*	6.275	N	73.048	W	125	*		1.4	18	NORTHERN COLOMBIA
	31	14 30 23.1&	40.385	N	124.522	W	2	G			11	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.4 (BRK), 3.3 (GS). Felt (IV) at Ferndale and Honeydew. Felt (III) at Petralia. Also felt at Scotia.
	31	15 10 29.3	46.591	N	11.849	E	10	G		0.4	8	NORTHERN ITALY. ML 1.9 (VIE).
	31	15 39 45.8?	5.34	S	131.84	E	119	*	5.0	1.3	9	BANDA SEA
	31	15 53 30.0?	38.75	N	14.11	E	10	G		0.6	5	SICILY
	31	16 23 56.9*	36.149	N	21.543	E	10	G		1.3	16	SOUTHERN GREECE. ML 3.3 (ATH).
	31	17 00 02.9	12.711	N	88.445	W	58		4.4	1.0	40	OFF COAST OF CENTRAL AMERICA. Felt (III) at San Salvadar, El Salvadar. Felt throughout much of El Salvadar.
	31	17 58 02.3%	31.639	S	68.115	W	100	G		0.4	5	SAN JUAN PROVINCE, ARGENTINA
	31	18 40 05.6%	44.959	N	6.608	E	10	G		0.6	7	FRANCE. ML 2.2 (GEN).
	31	18 43 57.1*	38.034	N	26.711	E	10	G		1.1	9	AEGEAN SEA. ML 3.6 (ATH). MD 3.6 (ISK).
	31	19 12 21.8&	60.314	N	141.197	W	8				12	SOUTHEASTERN ALASKA. <AEIC>. ML 2.6 (AEIC), 2.2 (PGC).
	31	19 13 04.5*	16.339	N	94.199	E	33	N	3.6	1.0	9	NEAR SOUTH COAST OF MYANMAR
	31	19 14 48.4&	35.024	N	116.979	W	9				8	CENTRAL CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	31	19 20 03.4?	39.25	N	28.73	E	10	G		1.0	4	TURKEY. MD 2.7 (ISK).
	31	19 23 36.8*	24.513	S	179.500	W	469	*	4.3	1.0	32	SOUTH OF FIJI ISLANDS
f	31	20 17 08.6	32.015	S	178.025	W	16	G	5.8 6.3	1.1	238	SOUTH OF KERMADEC ISLANDS. Ms 6.4 (BRK). Mo=5.0*10**18 Nm (PPT). Depth from broadband displacement seismograms.
	31	20 29 14.4?	31.57	S	178.46	W	10	G	5.0	1.4	18	KERMADEC ISLANDS REGION
	31	20 52 58.6%	44.940	N	6.732	E	10	G		0.6	5	FRANCE. ML 2.0 (GEN).
	31	21 04 40.5	19.522	N	64.472	W	33	N	4.8	1.0	70	VIRGIN ISLANDS
	31	21 24 49.1*	31.408	S	178.874	W	10	G	4.6	1.1	11	KERMADEC ISLANDS REGION
	31	21 28 04.3%	39.270	N	28.704	E	5	G		0.6	8	TURKEY. MD 2.8 (ISK).
	31	21 32 43.1	39.643	S	176.850	E	104	*		1.0	34	NORTH ISLAND, NEW ZEALAND
	31	21 37 47.7*	31.984	S	177.753	W	10	G	5.2	1.0	16	KERMADEC ISLANDS REGION
	31	21 41 52.5%	39.266	N	28.744	E	10	G		0.7	7	TURKEY. MD 2.8 (ISK).
	31	21 56 29.5	18.713	N	65.690	W	33	N		0.8	9	PUERTO RICO REGION
	31	22 13 58.8*	31.414	S	178.798	W	10	G	5.1	1.1	10	KERMADEC ISLANDS REGION
	31	22 39 52.8%	42.518	N	13.279	E	10	G		0.9	5	CENTRAL ITALY
	31	22 46 48.1%	33.298	S	70.513	W	90	G		0.2	9	CHILE-ARGENTINA BORDER REGION

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

01 00 23 22.84 20.864S 169.234E 32km
5.8mb (71 obs.) 5.7Msz (46 obs.)
VANUATU ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=140 Dip=64 Slip= 20
NP2: 41 72 153
Principal Axes:
T Plg=32 Azm=359
P 5 92
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: 8 Focal mech. F
Energy 1.7±0.5*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 38 No. of sta: 13
Principal Axes:
Scale 10**18 Nm
T Val= 1.21 Plg=20 Azm= 3
N -0.12 70 197
P -1.09 5 95
Best Double Couple:Mo=1.1*10**18
NP1:Strike=141 Dip=73 Slip= 11
NP2: 47 79 162

CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 37S, 86C
Centroid Location:
Origin Time 00:23:26.8 0.2
Lat 20.86S 0.02 Lon 169.13E 0.02
Dep 29.2 1.4 Half-duration 1.0
Principal Axes:
Scale 10**18 Nm
T Val= 1.41 Plg= 1 Azm=330
N -0.26 75 63
P -1.16 15 240
Best Double Couple.Mo=1.3*10**18
NP1:Strike= 16 Dip=79 Slip=-170
NP2: 284 80 -11

01 18 04 26.61 4 005S 134.891E 33km
5.0mb (27 obs.) 4.9Msz (21 obs.)
IRIAN JAYA REGION, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 19S, 31C
Centroid Location:
Origin Time 18.04:28.6 0.6
Lat 3.96S 0.05 Lon 135.18E 0.07
Dep 41 0 4.9 Half-duration 1.1
Principal Axes:
Scale 10**16 Nm
T Val= 11.55 Plg=26 Azm=253
N 1.35 54 121
P -12.89 23 355
Best Double Couple.Mo=1.2*10**17
NP1:Strike= 34 Dip=54 Slip= 2
NP2: 303 89 144

01 18 43 43.55 22.288S 174.307E 21km
5.2mb (31 obs.) 5.3Msz (25 obs.)
LOYALTY ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 26C
Centroid Location:
Origin Time 18:43:51.0 0.4
Lat 21.99S 0.05 Lon 174.40E 0.06
Dep 15.0 FIX Half-duration 1.4
Principal Axes:
Scale 10**17 Nm
T Val= 2.14 Plg=47 Azm= 76
N 0.39 31 306
P -2.53 27 198
Best Double Couple:Mo=2.3*10**17
NP1:Strike=240 Dip=33 Slip= 20
NP2: 133 79 122

02 18 03 44.01 61.805N 151.194W 74km
5.5mb (119 obs.)
SOUTHERN ALASKA
CENTROID, MOMENT TENSOR (HRV)

Data Used: GDSN
L.P.B.: 27S, 54C
Centraid Lacation:
Origin Time 18:03:48.3 0.3
Lat 61.91N 0.05 Lan 151.20W 0.07
Dep 72.2 4.3 Half-duratian 1.3
Principal Axes:
Scale 10**17 Nm
T Val= 1.83 Plg=39 Azm=262
N -0.33 8 165
P -1.50 50 65
Best Dauble Cauple:Ma=1.7*10**17
NP1:Strike= 41 Dip=10 Slip= -34
NP2: 164 84 -99

03 06 28 37.76 48.137S 9.878W 10km
5.3mb (11 abs.) 5.4Msz (6 abs.)
SOUTHERN MID-ATLANTIC RIDGE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 22S, 42C
Centraid Lacatian:
Origin Time 06:28:45.1 0.3
Lat 48.11S FIX;Lan 9.87W FIX
Dep 15.0 FIX Half-duration 1.2
Principal Axes:
Scale 10**17 Nm
T Val= 1.77 Plg= 0 Azm=268
N -0.02 90 180
P -1.75 0 178
Best Dauble Cauple:Ma=1.8*10**17
NP1:Strike=313 Dip=90 Slip=-180
NP2: 43 90 0

04 02 08 57.50 34.369N 116.897W 3km
5.3mb (46 abs.) 4.8Msz (12 abs.)
SOUTHERN CALIFORNIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 7S, 11C
Centraid Lacatian:
Origin Time 02:09: 6 0 0.6
Lat 34.37N FIX;Lan 116 90W FIX
Dep 15.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 7.66 Plg=71 Azm= 85
N 0.28 18 287
P -7.94 7 195
Best Dauble Cauple:Ma=7.8*10**16
NP1:Strike=265 Dip=41 Slip= 62
NP2: 120 54 112

04 05 36 16.50 48.355N 153.331E 111km
5.1mb (94 abs.)
KURIL ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 6S, 7C
Centraid Lacatian:
Origin Time 05:36:18.4 2.5
Lat 48.64N 0.17 Lan 153.37E 0.30
Dep 100.410.7 Half-duratian 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 5.79 Plg=38 Azm= 70
N 0.32 41 203
P -6.11 26 318
Best Dauble Couple.Ma=5.9*10**16
NP1:Strike= 98 Dip=42 Slip= 169
NP2: 197 83 49

04 11 36 36.20 37.814N 72.194E 120km
5.9mb (125 abs.)
TAJIKISTAN
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 70 Dip=83 Slip= -90
NP2: 250 7 -90
Principal Axes:
T Plg=38 Azm=160
P 52 340
Comment: The facal mechanism is moderately well cantralled and correspands ta narmal faulting. The preferred fault plane is nat determined.
RADIATED ENERGY
No. af sta: 6 Facal mech. M
Energy 1.6±0.6*10**12 Nm
MOMENT TENSOR SOLUTION
Dep 127 No. af sta: 12
Principal Axes:
Scale 10**17 Nm
T Val= 2.59 Plg=37 Azm=172
N 0.00 20 66
P -2.59 46 313
Best Dauble Cauple:Mo=2.6*10**17
NP1:Strike=321 Dip=21 Slip= -14
NP2: 64 85 -110
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 33S, 75C
Centraid Lacatian:
Origin Time 11:36:37.4 0.3
Lat 37.35N 0.03 Lan 71.86E 0.03
Dep 131.2 1.3 Half-duratian 1.9
Principal Axes:
Scale 10**17 Nm
T Val= 4.99 Plg=29 Azm=142
N 0.12 5 235
P -5.12 61 333
Best Dauble Cauple:Mo=5.1*10**17
NP1:Strike=219 Dip=17 Slip=-107
NP2: 56 74 -85

04 20 38 43.37 1.051N 126.027E 55km
5.3mb (51 abs.) 4.8Msz (21 abs.)
NORTHERN MOLUCCA SEA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 29S, 48C
Centraid Lacatian:
Origin Time 20:38:46.2 0.4
Lat 1.09N 0.06 Lan 125.75E 0.07
Dep 19.2 3.0 Half-duratian 1.5
Principal Axes:
Scale 10**17 Nm
T Val= 1.73 Plg=59 Azm= 51
N -0.30 21 181
P -1.43 22 279
Best Dauble Cauple:Mo=1.6*10**17
NP1:Strike= 43 Dip=30 Slip= 136
NP2: 173 70 68

06 01 43 53.02 10.865N 57.291E 10km
5.3mb (81 abs.) 5.3Msz (32 abs.)
CARLSBERG RIDGE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 33S, 68C
Centraid Lacatian:
Origin Time 01:43:51.0 0.3
Lat 10.45N 0.03 Lan 56.88E 0.02
Dep 15.0 FIX Half-duratian 1.7
Principal Axes:
Scale 10**17 Nm
T Val= 3.99 Plg=21 Azm= 75
N -0.48 69 259
P -3.52 1 166
Best Dauble Cauple:Mo=3.8*10**17
NP1:Strike=212 Dip=75 Slip= 14
NP2: 119 76 164

07 02 11 42.39 43.949N 147.145E 45km
5.8mb (170 abs.) 5.8Msz (50 abs.)
KURIL ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=245 Dip=58 Slip= 65
NP2: 106 40 124
Principal Axes:
T Plg=67 Azm=106
P 10 353
Comment: The focal mechanism is moderately well cantralled and carresponds ta reverse faulting with a moderate strike-slip component. The preferred fault plane is nat determined.
RADIATED ENERGY
No. af sta: 12 Facal mech. F
Energy 1.5±0.4*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 46 No. af sta: 28
Principal Axes:
Scale 10**17 Nm
T Val= 9.18 Plg=56 Azm=116
N -0.16 30 265
P -9.02 15 4
Best Dauble Couple.Ma=9.1*10**17
NP1:Strike=128 Dip=40 Slip= 141
NP2: 250 66 57
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 29S, 76C
Centraid Lacation:
Origin Time 02:11:45.7 0.2
Lat 43.75N 0.02 Lan 147.16E 0.02
Dep 57.6 2.1 Half-duratian 2.7
Principal Axes:
Scale 10**17 Nm
T Val= 12.84 Plg=63 Azm=126
N -2.92 9 233
P -9.92 26 327
Best Dauble Cauple:Ma=1.1*10**18
NP1:Strike= 76 Dip=21 Slip= 115
NP2: 230 71 81

08 02 24 26.15 15.483S 168.012E 34km
5.7mb (67 abs.) 5.1Msz (16 abs.)
VANUATU ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 33S, 66C
Centraid Lacatian:
Origin Time 02:24:30.1 0.3
Lat 15.18S 0.04 Lan 168.35E 0.03
Dep 15.0 BDY Half-duratian 1.5
Principal Axes:
Scale 10**17 Nm
T Val= 2.73 Plg=66 Azm=352
N -0.10 24 170
P -2.63 1 261
Best Dauble Cauple:Ma=2.7*10**17
NP1:Strike= 13 Dip=49 Slip= 122
NP2: 149 50 58

08 04 08 29.08 3.443N 125.816E 102km
5.0mb (37 abs.)
TALAUD ISLANDS, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 22S, 29C
Centraid Lacatian:
Origin Time 04:08:31.7 0.6
Lat 3.57N 0.05 Lan 126.06E 0.06
Dep 98.1 4.2 Half-durotian 1.1
Principal Axes:
Scale 10**16 Nm
T Val= 9.59 Plg=79 Azm=319
N -0.30 5 203
P -9.29 10 112
Best Dauble Cauple:Mo=9.4*10**16
NP1:Strike=195 Dip=35 Slip= 81
NP2: 26 55 96

08 06 28 46.59 10.141N 103.836W 10km
4.9mb (15 abs.) 5.1Msz (21 abs.)
OFF COAST OF MEXICO
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 23S, 45C
Centraid Lacatian:
Origin Time 06:28:54.7 0.4
Lat 10.64N 0.04 Lan 103.70W 0.03
Dep 15.0 FIX Half-duratian 1.7
Principal Axes:
Scale 10**17 Nm
T Val= 4.05 Plg= 1 Azm=306
N 0.15 89 102
P -4.19 0 216
Best Dauble Couple.Ma=4.1*10**17
NP1:Strike=351 Dip=89 Slip= 180
NP2: 81 90 1

08 07 08 39.92 9.291N 93.479E 66km
6.0mb (160 abs.)
NICOBAR ISLANDS, INDIA
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=240 Dip=75 Slip= 90
NP2: 60 15 90
Principal Axes:
T Plg=60 Azm=150
P 30 330
Comment: The facal mechanism is paarly cantralled and carresponds ta reverse faulting. The preferred fault plane is NP2.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 31S, 64C M.W.: 9S, 13C
Centraid Location:
Origin Time 07:08:43.6 0.4
Lat 9.22N 0.03 Lan 93.50E 0.03
Dep 89.9 1.3 Half-duratian 2.2
Principal Axes:
Scale 10**18 Nm
T Val= 1.07 Plg=33 Azm=101

N 0.09 55 256
P -1.16 12 3
Best Double Couple:Mo=1.1*10**18
NP1:Strike=137 Dip=58 Slip= 164
NP2: 235 76 33

09 05 12 43.80 39.821N 143.510E 30km
5.2mb (68 obs.) 5.1Msz (10 obs.)
OFF EAST COAST OF HONSHU, JAPAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 21S, 37C
Centroid Location:
Origin Time 05:12:45.0 0.6
Lat 39.64N 0.08 Lon 143.90E 0.07
Dep 18.4 3.1 Half-duration 1.3
Principal Axes:
Scale 10**16 Nm
T Val= 12.64 Plg=62 Azm=313
N 0.90 8 207
P -13.53 27 113
Best Double Couple:Mo=1.3*10**17
NP1:Strike=183 Dip=20 Slip= 65
NP2: 30 72 99

09 06 27 43.37 56.559S 142.556W 10km
5.7mb (15 obs.) 5.5Msz (2 obs.)
PACIFIC-ANTARCTIC RIDGE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 35S, 79C
Centroid Location:
Origin Time 06:27:54.5 0.2
Lat 56.09S 0.03 Lon 142.38W 0.04
Dep 15.0 FIX Half-duration 2.0
Principal Axes:
Scale 10**17 Nm
T Val= 6.57 Plg=15 Azm=352
N 0.90 68 124
P -7.47 15 258
Best Double Couple:Mo=7.0*10**17
NP1:Strike= 35 Dip=68 Slip=-180
NP2: 305 90 -22

10 13 54 37.71 24.402S 178.955E 529km
5 2mb (26 obs.)
SOUTH OF FIJI ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 18S, 24C
Centroid Location:
Origin Time 13:54:43.2 0.7
Lat 24.28S 0.07 Lon 178.73E 0 07
Dep 542.0 4.1 Half-duration 1.2
Principal Axes:
Scale 10**16 Nm
T Val= 10.25 Plg=29 Azm=242
N 1.50 5 335
P -11.75 60 73
Best Double Couple:Mo=1.1*10**17
NP1:Strike=318 Dip=16 Slip=-108
NP2: 156 74 -85

11 02 22 51.84 17.523S 167.961E 33km
5.4mb (35 obs.) 5.3Msz (13 obs.)
VANUATU ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 35S, 64C
Centroid Location:
Origin Time 02:22:56.9 0.3
Lat 17.43S 0.03 Lon 168.04E 0.03
Dep 15.0 FIX Half-duration 1.7
Principal Axes:
Scale 10**17 Nm
T Val= 4.40 Plg=61 Azm= 13
N -0.05 17 137
P -4.34 23 235
Best Double Couple:Mo=4.4*10**17
NP1:Strike=355 Dip=27 Slip= 131
NP2: 130 70 71

11 22 12 56.07 59.572S 26.101W 33km
5.5mb (6 obs.)
SOUTH SANDWICH ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 18S, 27C
Centroid Location:
Origin Time 22:13: 3.2 0.4
Lat 59.78S 0.06 Lon 25.28W 0.15
Dep 15.0 FIX Half-duration 1.2
Principal Axes:
Scale 10**16 Nm
T Val= 11.48 Plg=13 Azm=166
N 0.40 46 270
P -11.88 41 64
Best Double Couple:Mo=1.2*10**17
NP1:Strike=214 Dip=51 Slip=-157
NP2: 109 72 -41

12 05 29 26.35 8.480S 121.896E 28km
6.5mb (78 obs.) 7.5Msz (43 obs.)
FLORES REGION, INDONESIA
FAULT PLANE SOLUTION: P-Woves
NP1:Strike= 85 Dip=40 Slip= 90
NP2: 265 50 90
Principal Axes:
T Plg=85 Azm=175
P 5 355
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 6.6±1.0*10**15 Nm
MOMENT TENSOR SOLUTION
Dep 49 No. of sta: 16
Principal Axes:
Scale 10**20 Nm
T Val= 1.40 Plg=69 Azm=261
N -0.01 21 86
P -1.38 1 355
Best Double Couple:Mo=1.4*10**20
NP1:Strike= 65 Dip=47 Slip= 61
NP2: 284 50 118
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
M.W.: 37S, **C
Centroid Location:
Origin Time 05:29:49.9 0.1
Lat 8.34S 0.01 Lon 122.49E 0.01
Dep 20.4 0.4 Half-duration 17.8
Principal Axes:
Scale 10**20 Nm
T Val= 5.02 Plg=84 Azm=130
N 0.07 3 256
P -5.09 5 346
Best Double Couple:Mo=5.1*10**20
NP1:Strike= 80 Dip=40 Slip= 95
NP2: 253 50 86

12 21 43 10.00 8.483S 121.964E 23km
5.4mb (55 obs.) 4.8Msz (15 obs.)
FLORES REGION, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 23S, 42C
Centroid Location:
Origin Time 21.43:14.8 0.7
Lat 8.51S FIX;Lon 121.99E FIX
Dep 27.0 FIX Half-duration 1.5
Principal Axes:
Scale 10**17 Nm
T Val= 1.67 Plg=70 Azm=279
N -0.06 18 73
P -1.61 8 165
Best Double Couple:Mo=1.6*10**17
NP1:Strike=276 Dip=40 Slip= 119
NP2: 60 56 68

14 02 52 08.09 52.126N 178.761E 130km
5.5mb (110 obs.)
RAT ISLANDS, ALEUTIAN ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 21S, 42C
Centroid Location:
Origin Time 02:52:12.7 0.4
Lat 52.24N 0.05 Lon 178.54E 0.05
Dep 133.2 1.9 Half-duration 1.5
Principal Axes:
Scale 10**17 Nm
T Val= 2.27 Plg=34 Azm= 63
N -0.04 15 164
P -2.23 52 274
Best Double Couple:Mo=2.2*10**17
NP1:Strike=107 Dip=18 Slip=-148
NP2: 346 81 -75

14 04 15 15.05 19.791N 109.220W 10km
4.8mb (19 obs.)
REVILLA GIGEDO ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 5S, 7C
Centroid Location:
Origin Time 04:15:13.7 1.0
Lat 19.83N FIX;Lon 109.18W FIX
Dep 15.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 8.11 Plg= 2 Azm=247
N 0.76 64 153
P -8.87 26 338
Best Double Couple:Mo=8.5*10**16
NP1:Strike= 19 Dip=71 Slip= -17
NP2: 115 74 -160

14 07 41 00.34 14.029S 170.753E 622km
5.5mb (93 obs.)
VANUATU ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 22S, 43C
Centroid Location:
Origin Time 07:41: 4.0 0.3
Lat 13.99S 0.03 Lon 170.87E 0.02
Dep 642.5 2.0 Half-duration 1.5
Principal Axes:
Scale 10**17 Nm
T Val= 3.29 Plg= 8 Azm=210
N 0.29 5 119
P -3.58 81 357
Best Double Couple:Mo=3.4*10**17
NP1:Strike=305 Dip=38 Slip= -82
NP2: 115 53 -96

14 19 13 04.27 34.666S 179.553E 247km
5 5mb (42 obs.)
SOUTH OF KERMADEC ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 25S, 53C
Centroid Location:
Origin Time 19:13: 1.5 0.2
Lat 33.70S 0.02 Lon 179.87E 0.03
Dep 161.3 0.8 Half-duration 2.1
Principal Axes:
Scale 10**17 Nm
T Val= 8.21 Plg=62 Azm=306
N 0.12 7 203
P -8.33 27 110
Best Double Couple:Mo=8.3*10**17
NP1:Strike=184 Dip=19 Slip= 70
NP2: 25 72 97

15 12 46 06.53 8.638N 126.581E 33km
5.3mb (54 obs.) 5.0Msz (31 obs.)
MINDANAO, PHILIPPINE ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 24S, 35C
Centroid Location:
Origin Time 12:46:10.1 0.5
Lat 8.57N FIX;Lon 126.63E FIX
Dep 15.0 FIX Half-duration 1.4
Principal Axes:
Scale 10**17 Nm
T Val= 2.75 Plg=51 Azm=298
N -0.38 8 198
P -2.37 38 102
Best Double Couple:Mo=2.6*10**17
NP1:Strike=147 Dip=10 Slip= 38
NP2: 19 84 98

16 09 49 40.99 17.136S 66.916E 10km
5.0mb (13 obs.) 4.7Msz (5 obs.)
MAURITIUS-REUNION REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 21S, 32C
Centroid Location:
Origin Time 09:49:49.8 0.4
Lat 17.05S 0.04 Lon 66.85E 0.05
Dep 15.0 FIX Half-duration 1.4
Principal Axes:
Scale 10**17 Nm
T Val= 1.67 Plg= 0 Azm= 99
N -0.45 90 180
P -1.22 0 9
Best Double Couple:Mo=1.4*10**17
NP1:Strike=144 Dip=90 Slip=-180
NP2: 234 90 0

17 09 19 18.83 18.386N 105.478W 33km
5.1mb (37 obs.) 4.9Msz (13 obs.)

OFF COAST OF JALISCO, MEXICO
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 18S, 35C
Centroid Location:
Origin Time 09:19:13.6 0.9
Lat 18.05N 0.08 Lon 105.45W 0.05
Dep 15.0 FIX Half-duration 1.3
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.39	0	236
N	0.15	90	180
P	-1.55	0	146

Best Double Couple:Mo=1.5*10**17
NP1:Strike=281 Dip=90 Slip=-180
NP2: 11 90 0

17 10 39 28.98 25.901N 61.441E 33km
5.8mb (132 obs.) 5.3Msz (55 obs.)
SOUTHERN IRAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 17S, 35C
Centroid Location:
Origin Time 10:39:32.5 0.3
Lat 25.68N 0.04 Lon 61.43E 0.03
Dep 37.0 BDY Half-duration 1.7
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	4.88	51	339
N	-0.83	39	151
P	-4.06	4	244

Best Double Couple:Mo=4.5*10**17
NP1:Strike= 8 Dip=54 Slip= 142
NP2: 123 60 43

17 17 43 12.59 37.422N 68.942E 36km
5.3mb (97 obs.) 4.9Msz (18 obs.)
AFGHANISTAN-TAJIKISTAN BORD REG.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 18S, 24C
Centroid Location:
Origin Time 17:43:12.7 0.6
Lat 37.30N 0.08 Lon 68.52E 0.08
Dep 28.8 4.0 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	5.77	73	163
N	1.64	17	335
P	-7.41	2	66

Best Double Couple:Mo=6.6*10**16
NP1:Strike=172 Dip=45 Slip= 114
NP2: 320 49 68

17 18 56 57.31 8.270S 121.630E 23km
5.6mb (65 obs.)
FLORES REGION, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 17C
Centroid Location:
Origin Time 18:57: 2.9 1.9
Lat 8.31S 0.10 Lon 121.92E 0.11
Dep 39.3 4.5 Half-duration 1.1
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	9.81	38	323
N	1.20	51	134
P	-11.01	5	230

Best Double Couple:Mo=1.0*10**17
NP1:Strike=359 Dip=60 Slip= 154
NP2: 103 68 32

18 03 14 04.24 6 487S 147.144E 29km
6.0mb (97 obs.) 6.0Msz (68 obs.)
EASTERN NEW GUINEA REG., P.N.G.
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=104 Dip=77 Slip= 149
NP2: 202 60 15
Principal Axes:

	Plg=	Azm=
T	31	59
P	11	156

Comment: The focal mechanism is moderately well controlled and corresponds to strike-slip faulting with a large reverse component. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 4 Focal mech. F
Energy 2.8±1.2*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 13 No. of sta: 14
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	1.66	35	37
N	0.01	49	253
P	-1.66	18	141

Best Double Couple:Mo=1.7*10**18
NP1:Strike=184 Dip=51 Slip= 14
NP2: 86 79 140
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 28S, 63C M.W.: 13S, 15C
Centroid Location:
Origin Time 03:14: 6.7 0.2
Lat 7.01S 0.02 Lon 147.21E 0.03
Dep 19.9 1.2 Half-duration 2.7
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	1.80	54	28
N	0.06	16	275
P	-1.86	32	175

Best Double Couple:Mo=1.8*10**18
NP1:Strike=223 Dip=20 Slip= 36
NP2: 99 79 106

19 12 14 22.08 51.906N 158.411E 53km
6.1mb (159 obs.)
NEAR EAST COAST OF KAMCHATKA
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 25 Dip=55 Slip= 105
NP2: 180 38 70
Principal Axes:

	Plg=	Azm=
T	75	339
P	9	104

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: 12 Focal mech. F
Energy 1.9±0.5*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 39 No. of sta: 24
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	1.27	60	10
N	0.24	30	197
P	-1.51	3	105

Best Double Couple:Mo=1.4*10**18
NP1:Strike=168 Dip=50 Slip= 49
NP2: 41 55 128
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 26S, 72C M.W.: 12S, 16C
Centroid Location:
Origin Time 12:14:29.5 0.2
Lat 51.99N 0.02 Lon 158.93E 0.02
Dep 56.5 0.8 Half-duration 2.5
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	1.24	77	324
N	0.07	5	212
P	-1.31	12	121

Best Double Couple:Mo=1.3*10**18
NP1:Strike=204 Dip=33 Slip= 81
NP2: 35 58 96

19 21 57 21.57 0.023N 123.620E 127km
5.5mb (76 obs.)
MINAHASSA PENINSULA, SULAWESI
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 25S, 32C
Centroid Location:
Origin Time 21:57:26.5 0.6
Lat 0.36N 0.04 Lon 123.51E 0.06
Dep 138.0 2.1 Half-duration 1.1
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	11.11	56	339
N	-0.06	18	97
P	-11.05	28	197

Best Double Couple:Mo=1.1*10**17
NP1:Strike=324 Dip=24 Slip= 140
NP2: 92 75 72

20 16 38 46.37 25.684S 179.561E 499km
5.4mb (56 obs.)
SOUTH OF FIJI ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 14S, 26C
Centroid Location:
Origin Time 16:38:52.2 0.5
Lat 25 53S 0.05 Lon 179.58E 0.04
Dep 513.1 2.9 Half-duration 1.4
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.96	57	84
N	-0.11	20	208
P	-1.85	25	308

Best Double Couple:Mo=1.9*10**17
NP1:Strike= 74 Dip=27 Slip= 139
NP2: 202 73 69

20 20 52 47.28 6.582S 130.393E 78km
6.6mb (84 obs.) 7.0Msz (62 obs.)
BANDA SEA
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 73 Dip=80 Slip= 80
NP2: 298 14 135
Principal Axes:

	Plg=	Azm=
T	54	331
P	34	172

Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting with a small right-lateral strike-slip component. The preferred fault plane is NP2.
RADIATED ENERGY
No. of sta: 6 Focal mech. F
Energy 1.2±0.4*10**15 Nm
MOMENT TENSOR SOLUTION
Dep 71 No. of sta: 6
Principal Axes:
Scale 10**19 Nm

	Val=	Plg=	Azm=
T	5.57	42	290
N	-1.12	41	72
P	-4.45	20	180

Best Double Couple:Mo=5.0*10**19
NP1:Strike=315 Dip=44 Slip= 161
NP2: 60 77 48
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
M.W.: 24S, 66C
Centroid Location:
Origin Time 20:53: 0.6 0.1
Lat 6.60S 0.01 Lon 130.52E 0.01
Dep 69.7 0.4 Half-duration 9.4
Principal Axes:
Scale 10**19 Nm

	Val=	Plg=	Azm=
T	8.52	50	298
N	-0.06	40	128
P	-8.46	5	34

Best Double Couple.Mo=8.5*10**19
NP1:Strike= 89 Dip=53 Slip= 37
NP2: 335 61 137

22 04 54 16.64 6.648S 130.550E 67km
5.9mb (80 obs.)
BANDA SEA
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=120 Dip=43 Slip= 110
NP2: 274 50 72
Principal Axes:

	Plg=	Azm=
T	76	121
P	4	16

Comment: The focal mechanism is moderately well controlled and corresponds to reverse faulting with a moderate strike-slip component. The preferred fault plane is not determined.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 25S, 41C
Centroid Location:
Origin Time 04:54:21.9 0.3
Lat 6.56S 0.02 Lon 130.62E 0.02
Dep 92.2 1.3 Half-duration 1.5
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	2.90	87	278
N	1.60	3	111
P	-4.50	1	21

Best Double Couple:Mo=3.7*10**17
NP1:Strike=108 Dip=44 Slip= 85
NP2: 295 46 95

22 16 42 37.25 34.568N 88.053E 33km

5.1mb (73 obs.) 4.8Msz (8 obs.)
XIZANG
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 17C
Centroid Location:
Origin Time 16:42:43.9 1.3
Lat 34.67N 0.20 Lon 88.03E 0.13
Dep 15.0 FIX Half-duration 1.1
Principal Axes:
Scale 10**16 Nm
T Val= 8.98 Plg=14 Azm= 95
N -1.65 30 193
P -7.33 57 344
Best Double Couple:Mo=8.1*10**16
NP1:Strike=152 Dip=41 Slip=-139
NP2: 29 65 -57

23 02 20 06.34 19.766S 68.808W 106km
5.4mb (65 obs.)
CHILE-BOLIVIA BORDER REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 21S, 44C
Centroid Location:
Origin Time 02:20: 8.7 0.3
Lat 20.39S 0.04 Lon 69.27W 0.03
Dep 118.8 1.6 Half-duration 1.8
Principal Axes:
Scale 10**17 Nm
T Val= 3.36 Plg=33 Azm= 68
N 0.68 18 325
P -4.03 51 211
Best Double Couple:Mo=3.7*10**17
NP1:Strike=206 Dip=21 Slip= -27
NP2: 322 81 -108

23 03 00 44.98 6.541S 130.417E 102km
6.1mb (99 obs.)
BANDA SEA
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=245 Dip=48 Slip= 90
NP2: 65 42 90
Principal Axes:
T Plg=87 Azm=155
P 3 335
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is not determined.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 27S, 58C
Centroid Location:
Origin Time 03:00:45.4 0.3
Lat 6.50S 0.03 Lon 130.54E 0.03
Dep 91.7 1.5 Half-duration 1.8
Principal Axes:
Scale 10**17 Nm
T Val= 4.20 Plg=61 Azm=132
N 2.25 29 298
P -6.45 6 31
Best Double Couple:Mo=5.3*10**17
NP1:Strike=149 Dip=46 Slip= 132
NP2: 277 57 55

24 00 03 33.33 2.549N 126.581E 97km
5.6mb (70 obs.)
NORTHERN MOLUCCA SEA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 21S, 42C
Centroid Location:
Origin Time 00:03:31.6 0.4
Lat 2.54N 0.05 Lon 126.69E 0.06
Dep 21.8 3.6 Half-duration 1.5
Principal Axes:
Scale 10**17 Nm
T Val= 4.03 Plg=54 Azm=104
N 0.03 9 207
P -4.06 34 303
Best Double Couple:Mo=4.1*10**17
NP1:Strike= 67 Dip=13 Slip= 131
NP2: 205 80 81

24 00 34 13.81 15.293S 173.128W 23km
5.9mb (83 obs.) 6.4Msz (48 obs.)
TONGA ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=272 Dip=84 Slip= 90
NP2: 92 6 90
Principal Axes:
T Plg=51 Azm=182
P 39 2
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 2.8±0.7*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 20 No. of sta: 16
Principal Axes:
Scale 10**18 Nm
T Val= 2.04 Plg=39 Azm=149
N 0.01 36 274
P -2.05 31 30
Best Double Couple.Mo=2.0*10**18
NP1:Strike=174 Dip=36 Slip= 172
NP2: 271 85 54
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 27S, 72C
Centroid Location:
Origin Time 00:34:22.3 0.2
Lat 14.71S 0.03 Lon 172.68W 0.02
Dep 40.1 1.5 Half-duration 3.1
Principal Axes:
Scale 10**18 Nm
T Val= 2.53 Plg=38 Azm=181
N 0.27 4 274
P -2.80 51 8
Best Double Couple:Mo=2.7*10**18
NP1:Strike=245 Dip= 7 Slip=-119
NP2: 94 84 -86

24 05 09 47.46 42.221N 72.225E 38km
5.2mb (99 obs.) 5.0Msz (23 obs.)
KYRGYZSTAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 26C
Centroid Location:
Origin Time 05:09:47.2 1.2
Lat 42.45N 0.09 Lon 72.23E 0.08
Dep 26.1 4.6 Half-duration 1.1
Principal Axes:
Scale 10**17 Nm
T Val= 1.38 Plg=67 Azm=246
N -0.11 18 107
P -1.27 14 12
Best Double Couple:Mo=1.3*10**17
NP1:Strike= 79 Dip=35 Slip= 57
NP2: 297 61 110

24 22 02 05.08 16.385S 178.239E 10km
4.9mb (21 obs.) 4.8Msz (6 obs.)
FIJI ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 22S, 37C
Centroid Location:
Origin Time 22:02:13.5 0.6
Lat 15.90S 0.07 Lon 178.22E 0.04
Dep 15.0 FIX Half-duration 1.2
Principal Axes:
Scale 10**17 Nm
T Val= 1.48 Plg= 3 Azm=302
N -0.05 78 49
P -1.43 11 212
Best Double Couple:Mo=1.5*10**17
NP1:Strike=348 Dip=80 Slip=-175
NP2: 257 85 -10

25 15 31 49.31 5.569S 103.164E 34km
5.1mb (26 obs.) 4.7Msz (6 obs.)
SOUTHERN SUMATERA, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 6S, 8C
Centroid Location:
Origin Time 15:31:54.2 1.2
Lat 5.79S FIX;Lon 102.99E FIX
Dep 33.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 11.34 Plg=57 Azm= 30
N -3.56 15 275
P -7.78 28 176
Best Double Couple.Mo=9.6*10**16
NP1:Strike=232 Dip=22 Slip= 45
NP2: 99 75 106

26 06 02 02.64 5.594S 152.834E 38km
5.6mb (94 obs.) 5.6Msz (51 obs.)
NEW BRITAIN REGION, P.N.G.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 25S, 64C
Centroid Location:
Origin Time 06:02:10.8 0.2
Lat 5.22S 0.02 Lon 153.08E 0.02
Dep 19.3 1.2 Half-duration 2.0
Principal Axes:
Scale 10**17 Nm
T Val= 6.06 Plg= 1 Azm=284
N -0.32 13 194
P -5.74 77 18
Best Double Couple:Mo=5.9*10**17
NP1:Strike= 27 Dip=46 Slip= -72
NP2: 182 47 -107

26 11 44 50.28 36.394N 71.238E 87km
5.1mb (70 obs.)
AFGHANISTAN-TAJIKISTAN BORD REG.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 25S, 38C
Centroid Location:
Origin Time 11:44:55.4 0.3
Lat 36.22N 0.04 Lon 70.78E 0.03
Dep 93.8 2.1 Half-duration 1.1
Principal Axes:
Scale 10**16 Nm
T Val= 12.85 Plg=62 Azm= 63
N 2.41 23 207
P -15.26 14 304
Best Double Couple:Mo=1.4*10**17
NP1:Strike= 63 Dip=37 Slip= 132
NP2: 195 63 64

26 14 57 38.81 1.011S 78.064W 12km
5.8mb (73 obs.) 5.4Msz (29 obs.)
ECUADOR
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=286 Dip=85 Slip= -10
NP2: 17 80 -175
Principal Axes:
T Plg= 3 Azm=332
P 11 241
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: 13 Focal mech. F
Energy 1.1±0.3*10**14 Nm
MOMENT TENSOR SOLUTION
Dep 20 No. of sta: 15
Principal Axes:
Scale 10**17 Nm
T Val= 8.19 Plg=10 Azm=339
N 0.32 67 94
P -8.51 20 245
Best Double Couple:Mo=8.3*10**17
NP1:Strike= 23 Dip=68 Slip=-173
NP2: 291 83 -22
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 25S, 58C
Centroid Location:
Origin Time 14:57:42.2 0.3
Lat 1.15S 0.03 Lon 77.92W 0.03
Dep 15.0 FIX Half-duration 2.1
Principal Axes:
Scale 10**17 Nm
T Val= 8.29 Plg=38 Azm=170
N -2.59 44 310
P -5.70 22 62
Best Double Couple:Mo=7.0*10**17
NP1:Strike=200 Dip=46 Slip= 166
NP2: 300 80 45

26 19 14 25.75 32.457S 178.282W 10km
5.5mb (15 obs.) 5.5Msz (4 obs.)
SOUTH OF KERMADEC ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 16S, 29C
Centroid Location:
Origin Time 19:14:34.5 0.5
Lat 32.12S 0.07 Lon 178.31W 0.05
Dep 15.0 FIX Half-duration 3.4
Principal Axes:

Scale 10**17 Nm
T Val= 3.47 Plg=59 Azm=268
N 0.28 8 11
P -3.76 30 105
Best Double Couple:Mo=3.6*10**17
NP1:Strike=219 Dip=16 Slip= 119
NP2: 9 76 82

26 19 52 24.90 0.564S 19.318W 27km
5.8mb (70 obs.) 6.2Msz (38 obs.)
CENTRAL MID-ATLANTIC RIDGE
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=165 Dip=89 Slip= 0
NP2: 255 90 181
Principal Axes:
T Plg= 1 Azm= 30
P 1 120
Comment: The focal mechanism is well controlled and corresponds to strike-slip faulting. The preferred fault plane is not determined.
MOMENT TENSOR SOLUTION
Dep 22 No. of sta: 7
Principal Axes:
Scale 10**19 Nm
T Val= 1.23 Plg= 4 Azm=211
N -0.05 86 62
P -1.18 2 301
Best Double Couple.Mo=1.2*10**19
NP1:Strike=346 Dip=86 Slip= 1
NP2: 256 89 176
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
M.W.: 22S, 49C
Centroid Location:
Origin Time 19.52:45.9 0.2
Lat 0.09S 0.01 Lon 18.76W 0.01
Dep 15.0 FIX Half-duration 5.1
Principal Axes:
Scale 10**19 Nm
T Val= 1.72 Plg= 0 Azm=215
N 0.04 90 180
P -1.76 0 125
Best Double Couple:Mo=1.7*10**19
NP1:Strike=260 Dip=90 Slip=-180
NP2: 350 90 0

27 21 49 04.47 6.087S 113.050E 601km
5.9mb (102 obs.)
JAWA, INDONESIA
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=120 Dip=68 Slip= -80
NP2: 275 24 -113
Principal Axes:
T Plg=22 Azm=202
P 66 47
Comment: The focal mechanism is moderately well controlled and corresponds to normal faulting with a small right-lateral strike-slip component. The preferred fault plane is NP1.
RADIATED ENERGY
No. of sta: 5 Focal mech. F
Energy 5.8±1.5*10**12 Nm
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 25S, 56C
Centroid Location:
Origin Time 21:49: 8.7 0.2
Lat 6.03S 0.02 Lon 113.10E 0.03
Dep 621.5 1.7 Half-duration 2.4
Principal Axes:
Scale 10**17 Nm
T Val= 10.10 Plg=21 Azm=190
N -0.80 19 287
P -9.30 61 56
Best Double Couple:Mo=9.7*10**17
NP1:Strike=250 Dip=29 Slip=-131
NP2: 115 68 -70

28 08 45 42.64 26.070N 67.299E 44km
5.3mb (100 obs.) 4.8Msz (11 obs.)
PAKISTAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 7S, 11C
Centroid Location:
Origin Time 08:45:44.2 1.4
Lat 26.59N 0.18 Lon 67.42E 0.17
Dep 33.0 FIX Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 6.80 Plg=53 Azm= 0
N -1.01 28 226
P -5.79 23 124
Best Double Couple:Mo=6.3*10**16
NP1:Strike=173 Dip=33 Slip= 32
NP2: 56 73 119

28 10 34 38.14 38.885N 142.388E 27km
4.9mb (53 obs.) 4.8Msz (5 obs.)
NEAR EAST COAST OF HONSHU, JAPAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 9S, 13C
Centroid Location:
Origin Time 10:34:41.9 1.4
Lat 38.85N FIX;Lon 142.45E FIX
Dep 22.811.2 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 10.01 Plg=47 Azm=231
N 1.74 29 359
P -11.75 28 106
Best Double Couple:Mo=1.1*10**17
NP1:Strike=244 Dip=31 Slip= 159
NP2: 352 79 60

29 01 57 22.58 0.012N 122.914E 185km
5.4mb (71 obs.)
MINAHASSA PENINSULA, SULAWESI
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 22S, 27C
Centroid Location:
Origin Time 01:57:26.2 0.7
Lat 0.07N 0.05 Lon 123.29E 0.07
Dep 183.0 2.6 Half-duration 1.3
Principal Axes:
Scale 10**17 Nm
T Val= 1.62 Plg=69 Azm=270
N 0.26 6 165
P -1.88 20 72
Best Double Couple:Mo=1.8*10**17
NP1:Strike=152 Dip=25 Slip= 76
NP2: 347 66 96

29 20 31 43.45 31.690S 67.309W 131km
5.1mb (21 obs.)
SAN JUAN PROVINCE, ARGENTINA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 7S, 10C
Centroid Location:
Origin Time 20:31:48.3 0.8
Lat 31.55S 0.11 Lon 67.15W 0.13
Dep 144.4 4.6 Half-duration 1.4
Principal Axes:
Scale 10**16 Nm
T Val= 15.43 Plg=21 Azm= 65
N -2.90 9 159
P -12.53 67 272
Best Double Couple:Mo=1.4*10**17
NP1:Strike=139 Dip=26 Slip=-112
NP2: 343 66 -80

29 21 17 31.81 9.295S 123.987E 95km
5.5mb (68 obs.)
TIMOR REGION, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 14S, 17C
Centroid Location:
Origin Time 21:17:35.2 0.6
Lat 9.08S 0.06 Lon 124.17E 0.05
Dep 92.6 4.8 Half-duration 1.0
Principal Axes:
Scale 10**17 Nm
T Val= 1.83 Plg=28 Azm=301
N 0.09 12 205
P -1.93 60 94
Best Double Couple:Mo=1.9*10**17
NP1:Strike= 59 Dip=20 Slip= -54
NP2: 202 74 -102

30 04 30 13.13 20.243S 68.074E 17km
5.3mb (62 obs.) 5.0Msz (16 obs.)
MID-INDIAN RIDGE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 17S, 22C
Centroid Location:
Origin Time 04:30:19.4 0 6
Lat 20.08S 0.07 Lon 67.74E 0.08
Dep 15.0 FIX Half-duration 1.1
Principal Axes:
Scale 10**16 Nm
T Val= 11.93 Plg=24 Azm= 11
N -0.49 60 232
P -11.44 18 109
Best Double Couple:Mo=1.2*10**17
NP1:Strike=152 Dip=60 Slip= 5
NP2: 59 86 150

30 06 25 26.67 7.986S 159.041E 50km
5.6mb (71 obs.)
SOLOMON ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 26S, 53C
Centroid Location:
Origin Time 06:25:30.1 0.4
Lat 7.96S 0.04 Lon 159.40E 0.03
Dep 37.4 2.0 Half-duration 1.4
Principal Axes:
Scale 10**17 Nm
T Val= 2.75 Plg=26 Azm=182
N 0.60 9 87
P -3.35 62 339
Best Double Couple:Mo=3.0*10**17
NP1:Strike=292 Dip=21 Slip= -63
NP2: 84 71 -100

31 01 28 10.48 6.739N 72.962W 167km
4.9mb (69 obs.)
NORTHERN COLOMBIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 9S, 11C
Centroid Location:
Origin Time 01:28:14.6 1.8
Lat 6.74N 0.15 Lon 72.96W 0.10
Dep 154.3 2.6 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 6.66 Plg=66 Azm= 35
N -0.28 22 194
P -6.38 8 287
Best Double Couple:Mo=6.5*10**16
NP1:Strike= 41 Dip=42 Slip= 124
NP2: 178 56 63

31 07 02 44.28 38.849N 142.384E 37km
5.5mb (123 obs.) 5.1Msz (24 obs.)
NEAR EAST COAST OF HONSHU, JAPAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 14S, 20C
Centroid Location:
Origin Time 07:02:47.2 0.7
Lat 38.98N 0.08 Lon 142.68E 0.10
Dep 26.3 5.7 Half-duration 1.3
Principal Axes:
Scale 10**16 Nm
T Val= 13.19 Plg=46 Azm=218
N -1.02 37 1
P -12.17 19 106
Best Double Couple:Mo=1.3*10**17
NP1:Strike=239 Dip=42 Slip= 155
NP2: 348 74 51

31 07 26 06.25 38.902N 142.421E 39km
5.4mb (115 obs.) 5.5Msz (39 obs.)
NEAR EAST COAST OF HONSHU, JAPAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 20S, 36C
Centroid Location:
Origin Time 07:26: 8.0 0.4
Lat 38.83N 0.04 Lon 142.70E 0.06
Dep 16.3 3.9 Half-duration 1.6
Principal Axes:
Scale 10**17 Nm
T Val= 5.11 Plg=39 Azm=219
N 0.10 39 350
P -5.21 27 104
Best Double Couple:Mo=5.2*10**17
NP1:Strike=245 Dip=40 Slip= 168
NP2: 344 83 51

31 20 17 08.64 32.015S 178.025W 16km
5.8mb (43 obs.) 6.3Msz (50 obs.)
SOUTH OF KERMADEC ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=335 Dip=70 Slip= 90
NP2: 155 20 90
Principal Axes:

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    T              Plg=65  Azm=245   |    Origin Time       20:17:13.8 0.2   |
    P                  25      65   |    Lat 32.23S 0.02 Lon 177.66W 0.02   |
  Comment: The focal mechanism is    |    Dep  15.0 FIX Half-duration  3.5   |
    poorly controlled and            |    Principal Axes:                    |
    corresponds to reverse           |      Scale 10**18 Nm                  |
    faulting. The preferred fault    |      T  Val=  3.64  Plg=65  Azm=259   |
    plane is NP2.                    |      N        0.61      10       13   |
  RADIATED ENERGY                    |      P       -4.25      23      107   |
   No. of sta:  11  Focal mech.  F   |    Best Double Couple:Mo=3.9*10**18   |
   Energy       1.4±0.4*10**13 Nm    |     NP1:Strike=217 Dip=24 Slip= 116   |
  MOMENT TENSOR SOLUTION             |     NP2:          8     68       79   |
  Dep  34          No. of sta:  8    |                                       |
  Principal Axes:                    |                                       |
    Scale 10**18 Nm                  |                                       |
    T  Val=  4.11  Plg=62  Azm=296   |                                       |
    N       -0.12      13      181   |                                       |
    P       -4.00      24       85   |                                       |
  Best Double Couple:Mo=4.1*10**18   |                                       |
   NP1:Strike=149 Dip=24 Slip=  56   |                                       |
   NP2:          5     71      104   |                                       |
  CENTROID, MOMENT TENSOR    (HRV)   |                                       |
  Data Used: GDSN                    |                                       |
  L.P.B.: 19S, 49C                   |                                       |
  Centroid Location:                 |                                       |
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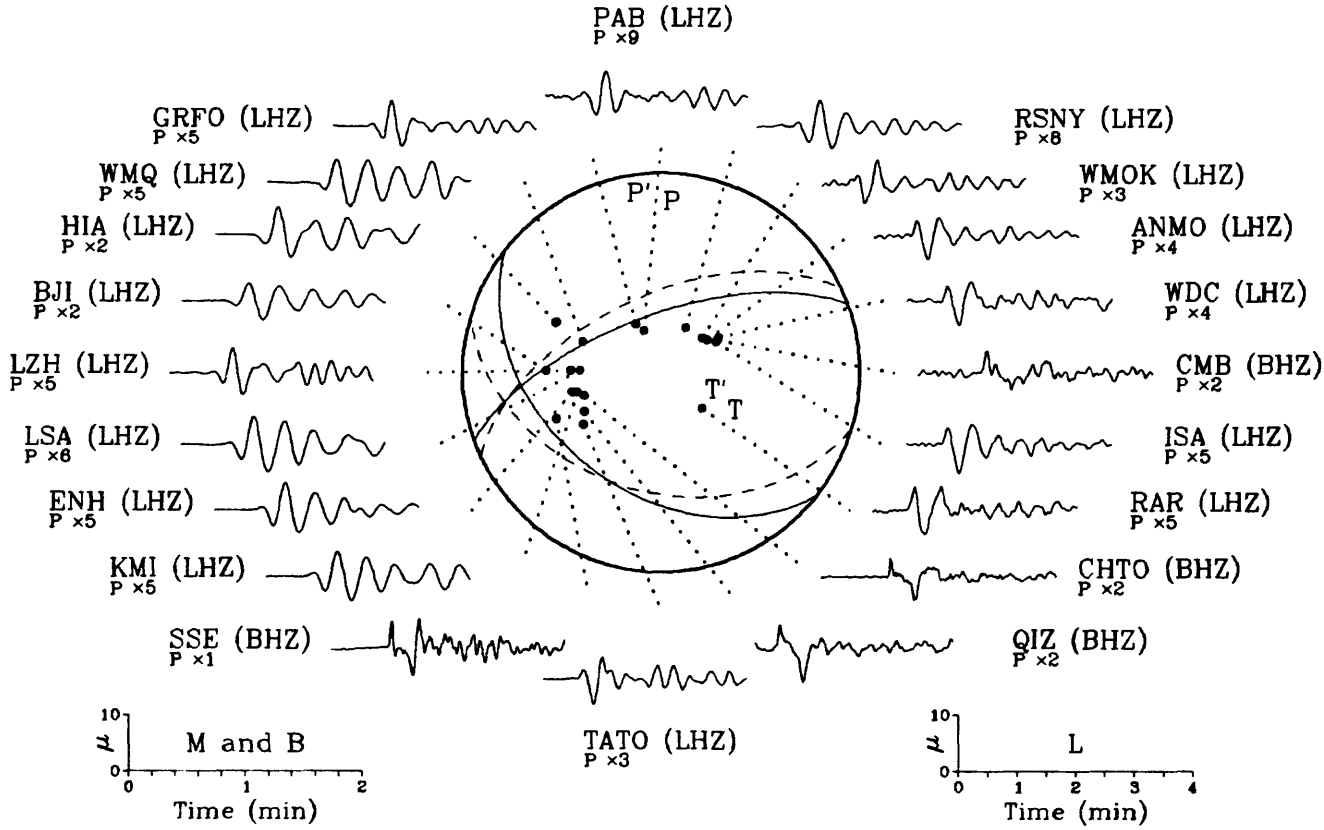
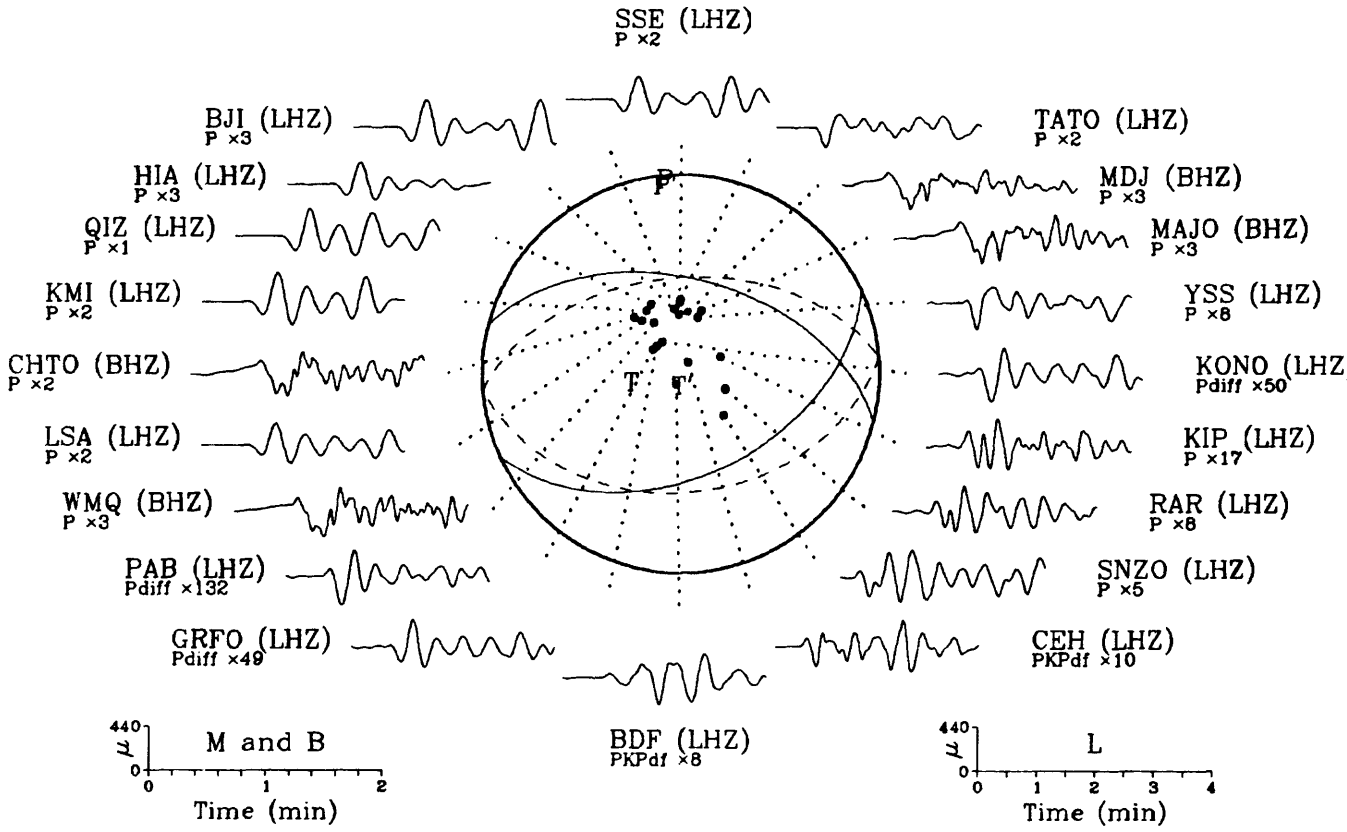
Compiled by Pingsheng Chang, Willis S. Jacobs, Stuart K. Kayanagi, Christina K. Lavanne, John H. Minsch, Russell E. Needham, Waverly J. Person, Bruce W. Presgrave and William H. Schmieder.

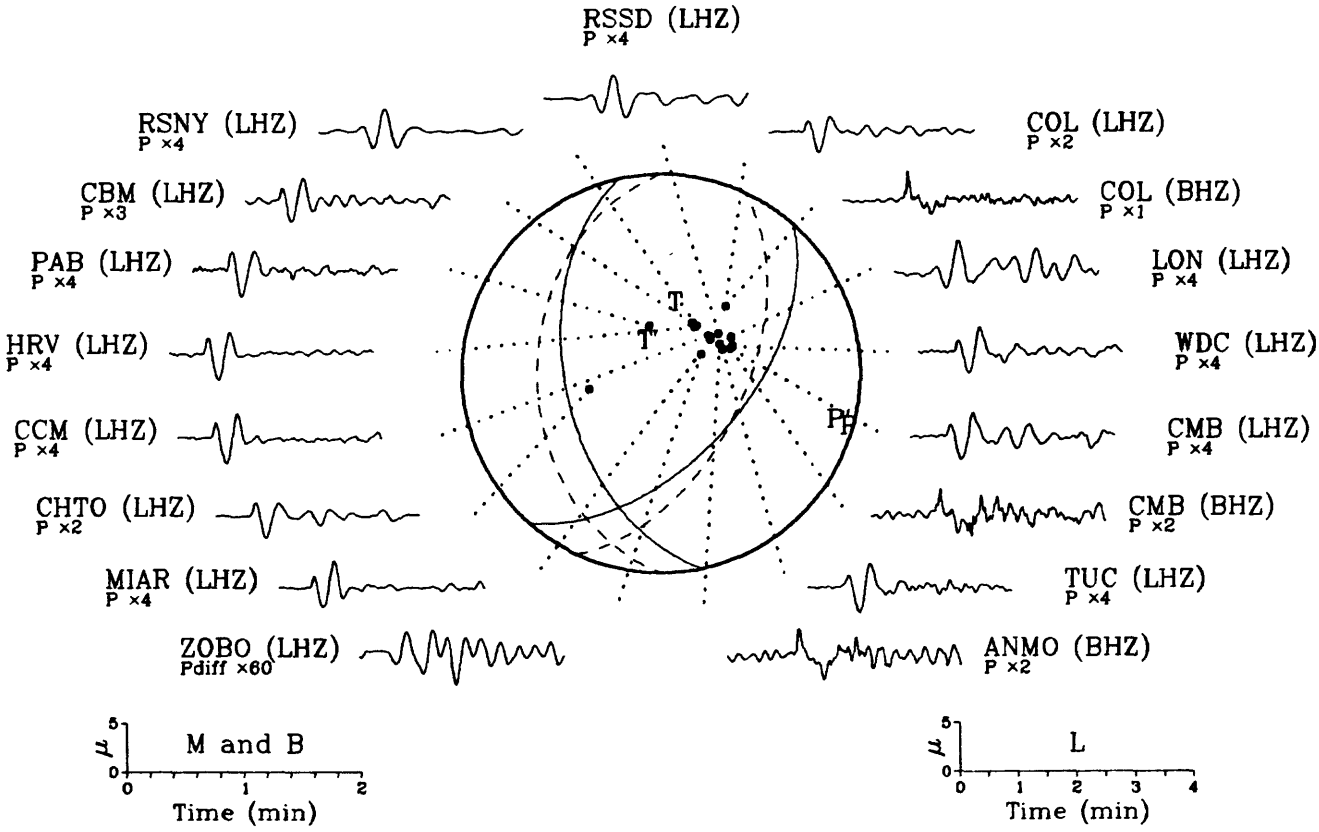
07 December 1992 02:11:42.39
Kuril Islands



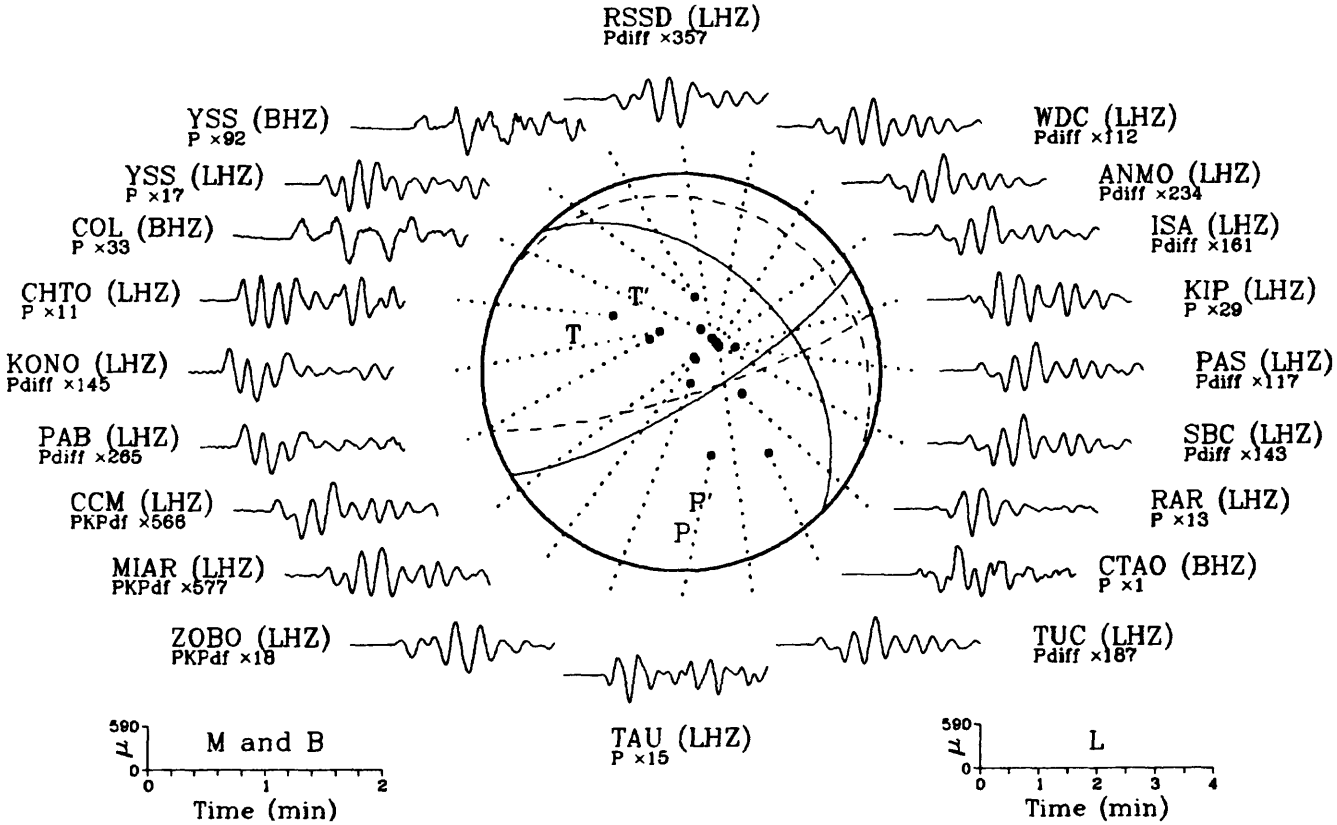
12 December 1992 05:29:26.35
Flores Region, Indonesia



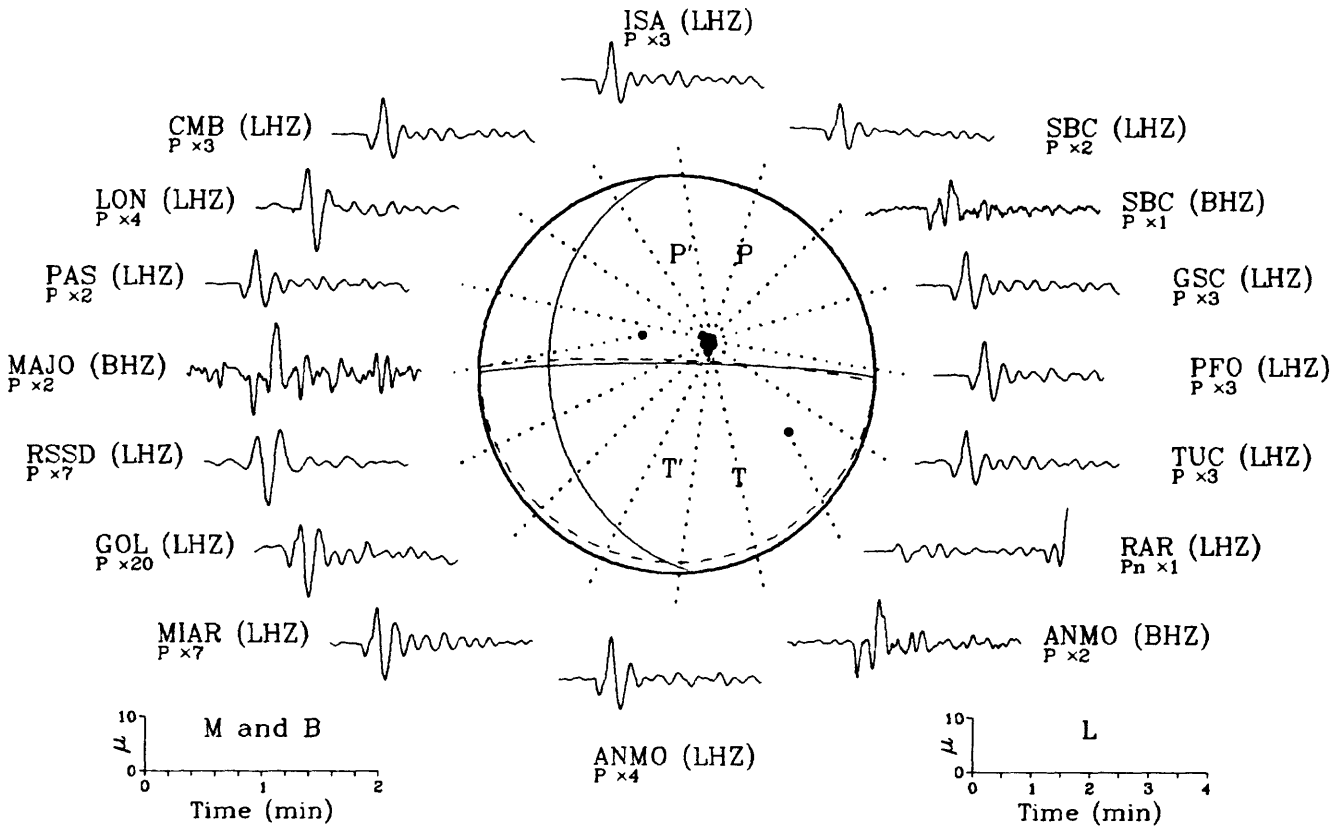
19 December 1992 12:14:22.08
Near East Coast of Kamchatka



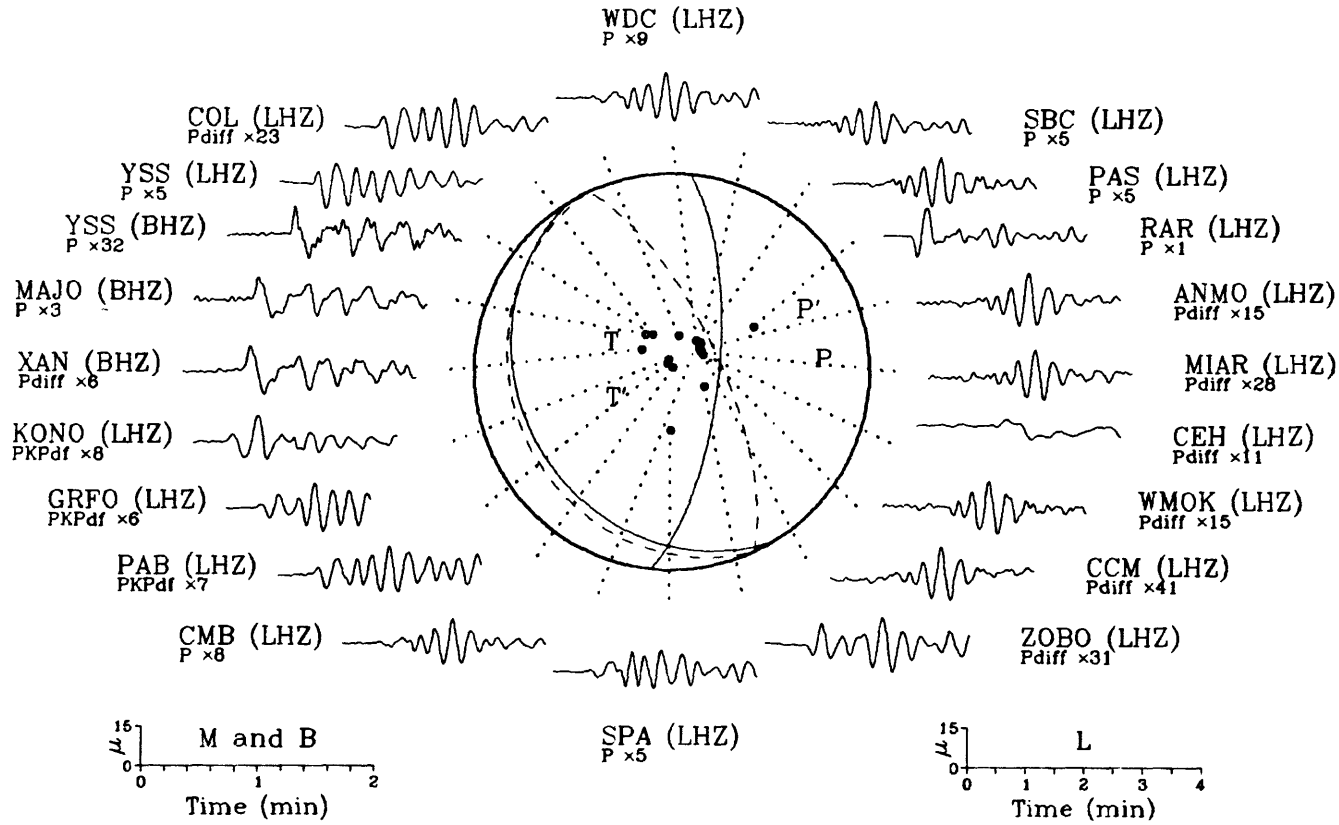
20 December 1992 20:52:47.28
Banda Sea



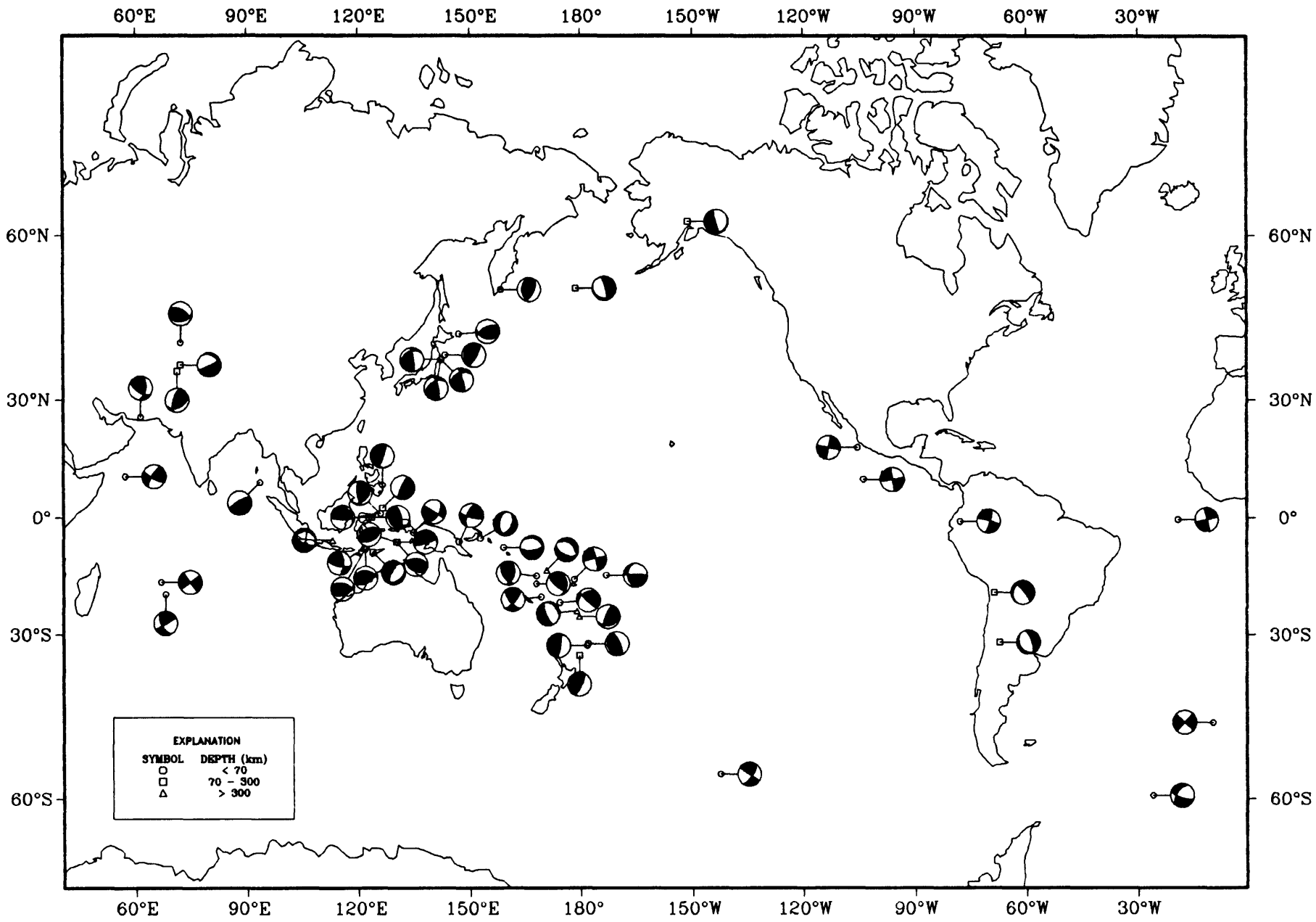
24 December 1992 00:34:13.81
Tonga Islands

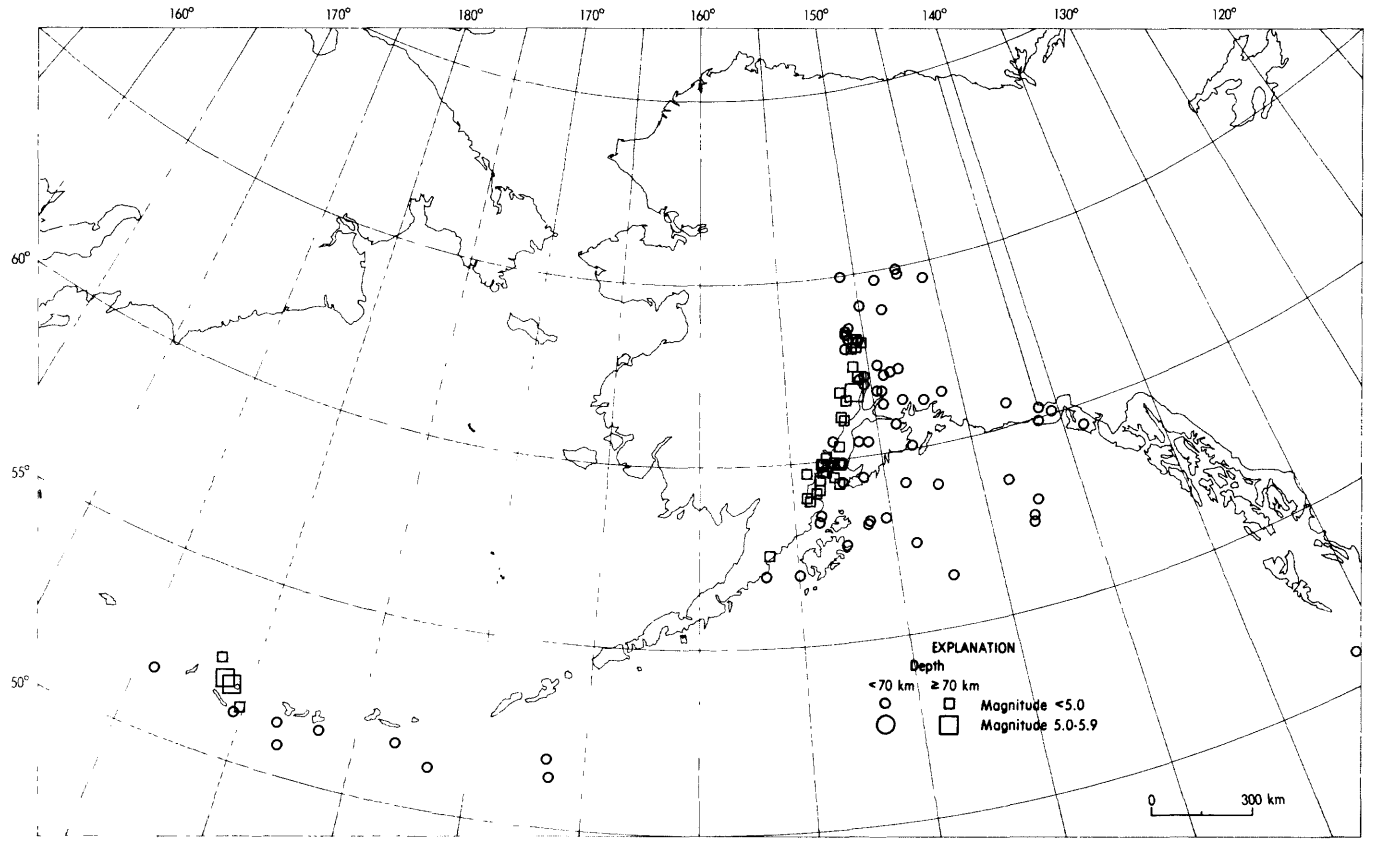


31 December 1992 20:17:08.64
South of Kermadec Islands

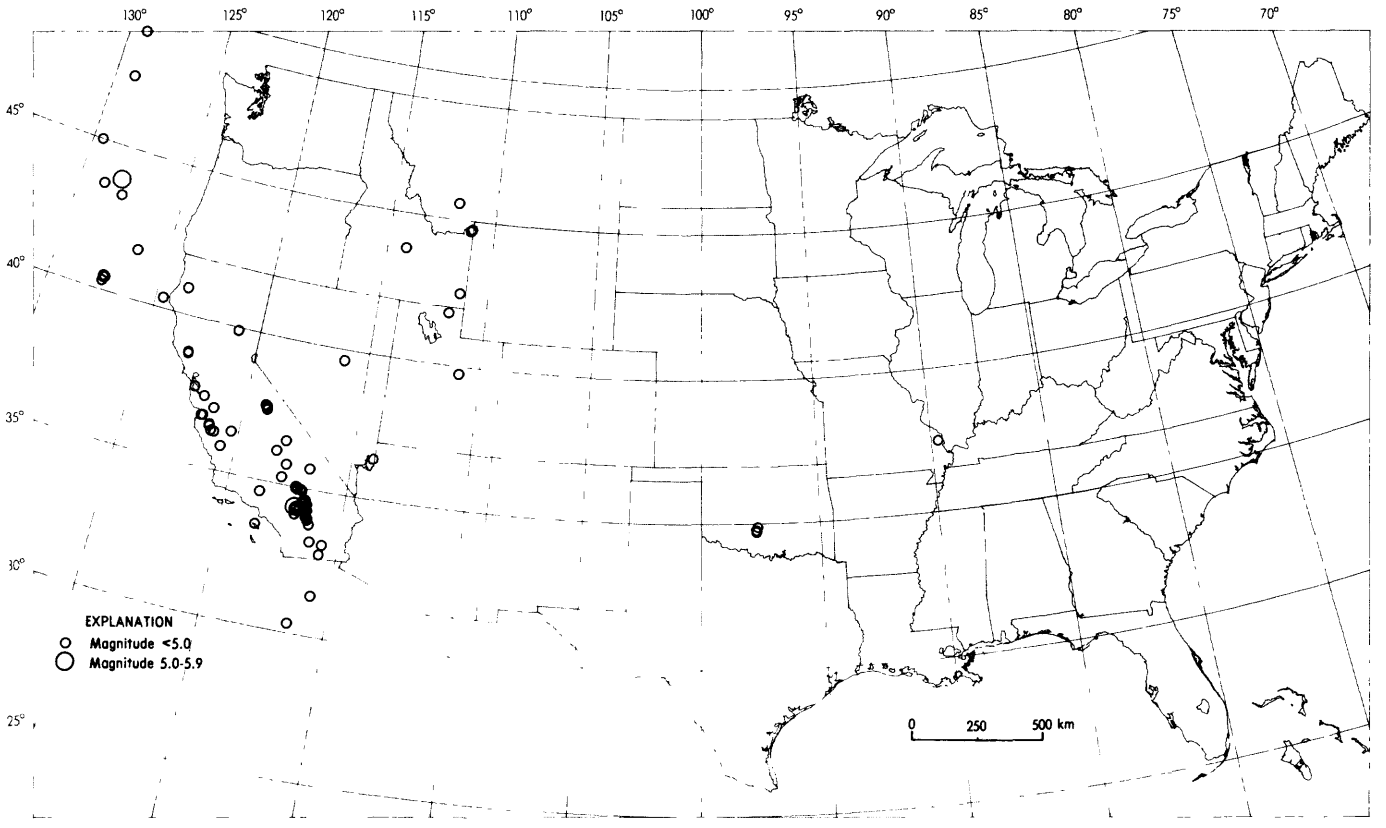


Earthquake Focal Mechanisms for December 1992

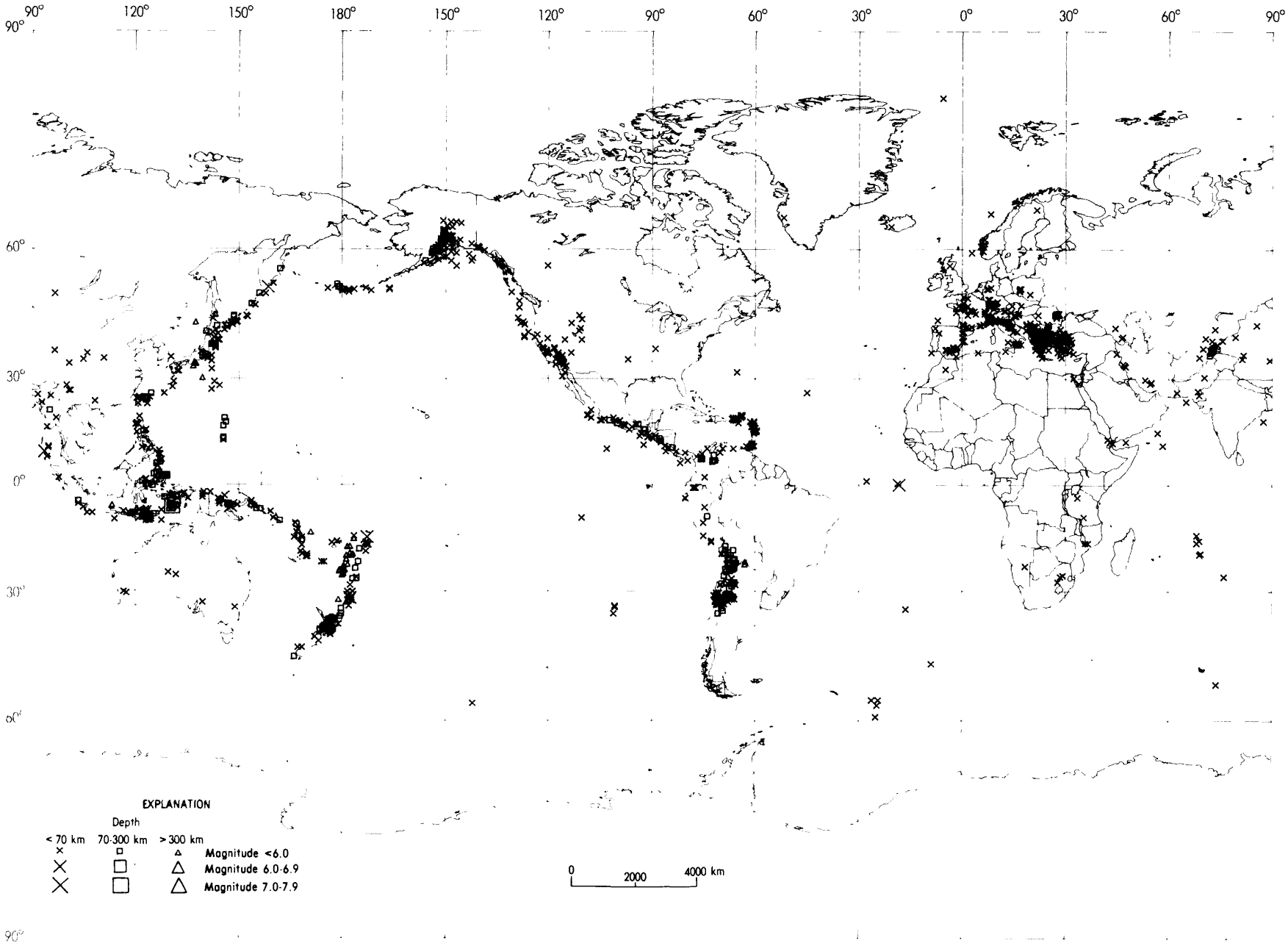




Earthquake epicenters in Alaska and adjacent regions for December, 1992.



Earthquake epicenters in the conterminous United States and adjacent regions for December, 1992.



Earthquakes located in December, 1992.

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