UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

PRELIMINARY DETERMINATION OF EPICENTERS
MONTHLY LISTING

APRIL - JUNE 1992

NATIONAL EARTHQUAKE INFORMATION CENTER

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1992

PRELIMINARY DETERMINATION OF EPICENTERS

MONTHLY LISTING

U.S. DEPARTMENT OF THE INTERIOR / GEOLOGICAL SURVEY

National Earthquake Information Center

MAY 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	37	51.4&	47.446	N	70.407	W	3					16	SOUTHERN QUEBEC, CANADA. <OTT-P>. mbLg 3.2 (OTT). Felt on Iles au Coudre. Also felt at St.-Hilarion, Les Eboulements and St.-Urbain.
	01	00	53	11.6&	40.308	N	124.580	W	19					2	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.1 (BRK).
	01	01	02	28.8&	37.110	N	120.978	W	5					26	CENTRAL CALIFORNIA. <BRK>. ML 3.5 (BRK), 3.4 (GS). Mo=1.9•10••14 Nm (BRK).
	01	01	13	53.3%	42.817	N	19.168	E	10	G			0.4	9	NORTHWESTERN BALKAN REGION. ML 1.5 (TTG).
	01	01	42	24.7&	61.429	N	146.812	W	22					60	SOUTHERN ALASKA. <AEIC>. ML 2.8 (AEIC).
	01	03	16	13.6%	42.798	N	19.158	E	10	G			0.3	8	NORTHWESTERN BALKAN REGION. ML 1.5 (TTG).
	01	03	19	33.7&	60.047	N	151.868	W	70					41	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.5 (AEIC).
	01	04	03	44.7&	40.308	N	124.503	W	19					7	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.1 (BRK).
	01	04	09	39.8&	40.267	N	124.382	W	11					7	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.3 (BRK).
	01	04	15	37.4&	40.273	N	124.575	W	17					11	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.5 (BRK), 3.1 (GS). Mo=1.9•10••14 Nm (BRK).
	01	04	31	15.7	24.500	N	120.790	E	33	N	4.5		0.3	11	TAIWAN
	01	05	33	45.9	39.069	N	29.644	E	5	G			1.2	8	TURKEY. MG 3.0 (DDA).
	01	05	56	20.3?	43.72	N	7.08	E	10	G			0.5	4	NEAR SOUTH COAST OF FRANCE. ML 2.3 (LDG).
	01	06	03	27.4&	34.035	N	116.321	W	6					11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.2 (GS).
	01	06	10	18.2?	16.44	S	173.94	W	65	?	4.3		1.3	18	TONGA ISLANDS
	01	06	14	38.0%	42.786	N	19.152	E	10	G			0.3	9	NORTHWESTERN BALKAN REGION. ML 1.4 (TTG).
	01	06	39	43.1?	6.62	N	126.18	E	66	?	4.2		1.4	11	MINDANAO, PHILIPPINE ISLANDS
	01	06	48	02.6	40.111	S	176.904	E	67	•	3.9		1.0	35	NORTH ISLAND, NEW ZEALAND
	01	06	51	06.6	18.977	N	66.096	W	62	•	4.2		1.2	50	PUERTO RICO REGION. Felt at San Juan.
	01	07	13	17.8•	29.119	S	67.390	W	183	?			0.9	16	LA RIOJA PROVINCE, ARGENTINA
	01	07	42	33.2?	30.27	S	177.75	W	182	?	4.6		0.9	8	KERMADEC ISLANDS, NEW ZEALAND
	01	07	58	49.6	13.911	N	120.702	E	219		4.7		1.1	26	MINDORO, PHILIPPINE ISLANDS
	01	08	09	45.0	19.583	N	94.419	E	55	•	4.6		0.6	17	MYANMAR
	01	08	19	08.2&	33.979	N	116.315	W	2					6	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	01	08	22	47.0&	40.315	N	124.853	W	1					9	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.1 (BRK), 2.8 (GS).
	01	08	45	04.0%	42.194	S	173.098	E	30				0.9	37	SOUTH ISLAND, NEW ZEALAND. ML 4.1 (WEL).
	01	08	54	39.0•	28.586	S	68.750	W	129	?			1.4	14	LA RIOJA PROVINCE, ARGENTINA
	01	08	55	59.9	38.473	N	70.080	E	33	N	4.5		1.0	26	AFGHANISTAN-TAJIKISTAN BORD REG. Felt (VI) at Ragun and (IV) at Obigarm.
	01	11	55	50.3&	37.103	N	121.003	W	8					18	CENTRAL CALIFORNIA. <BRK>. ML 3.0 (BRK). Mo=3.7•10••13 Nm (BRK).
	01	12	45	55.4•	16.037	S	71.794	W	164	•	3.5		1.3	10	SOUTHERN PERU
	01	12	49	03.4%	26.888	S	26.735	E	5	G			1.0	9	REPUBLIC OF SOUTH AFRICA. mbLg 3.7 (BUL).
	01	12	57	19.0%	42.809	N	19.163	E	10	G			0.4	9	NORTHWESTERN BALKAN REGION. ML 1.4 (TTG).
	01	13	38	42.0&	33.938	N	116.315	W	5					15	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.8 (PAS). ML 3.6 (GS).
	01	13	40	06.1•	15.022	N	145.544	E	140	•			1.0	17	MARIANA ISLANDS
	01	14	06	12.8	41.703	N	20.106	E	10	G			0.9	13	ALBANIA. ML 2.2 (TTG).
	01	14	19	08.5•	2.832	S	139.220	E	33	N	4.7	4.3	1.2	16	NEAR NORTH COAST OF IRIAN JAYA
	01	14	41	52.7	46.579	N	2.782	E	10	G			0.5	15	FRANCE. ML 2.5 (LDG).
	01	14	43	39.8•	3.016	S	139.319	E	33	N	4.2		1.2	7	IRIAN JAYA, INDONESIA
	01	14	47	23.6•	34.117	N	135.306	E	10	G			0.3	5	NEAR S. COAST OF WESTERN HONSHU
	01	14	55	28.4	7.038	S	129.677	E	148	?	4.7		1.1	20	BANDA SEA
	01	14	57	01.7%	37.674	S	176.793	E	223	•			0.5	34	NORTH ISLAND, NEW ZEALAND
	01	14	58	01.8•	6.807	N	73.006	W	163	•	4.6		1.5	11	NORTHERN COLOMBIA
	01	15	16	26.9%	42.789	N	19.149	E	10	G			0.4	8	NORTHWESTERN BALKAN REGION. ML 1.4 (TTG).
	01	15	32	38.7•	42.646	N	1.057	E	10	G			0.7	5	PYRENEES. ML 2.3 (LDG).
	01	15	42	57.0&	40.360	N	124.533	W	24					15	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.7 (BRK), 3.3 (GS). Mo=9.3•10••13 Nm (BRK).
	01	18	12	17.8•	21.975	N	143.267	E	23	D	4.8	4.2	1.2	25	MARIANA ISLANDS REGION
	01	18	14	00.1?	35.92	S	178.16	E	226	G			0.6	8	OFF E. COAST OF N. ISLAND, N.Z.
	01	19	45	55.3•	9.397	S	75.996	W	49	?	4.2		1.3	8	CENTRAL PERU
	01	19	50	33.0•	51.605	N	7.607	E	10	G			1.5	6	GERMANY

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	01	21	31	53	5%	37.942	N	2.454	W	10	G		0.7	6	SPAIN. mbLg 2.9 (MDD).
	01	22	41	51.9&		40.325	N	124.655	W	7		3.3		10	NEAR COAST OF NORTHERN CALIF. <BRK> ML 3.6 (BRK). Mo=1.9•10••14 Nm (BRk).
	01	22	53	08	8%	17 155	N	99.368	W	33	N		0.9	6	GUERRERO, MEXICO
	01	22	59	42.0&		40.357	N	124.693	W	21				8	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.3 (BRK). Mo=1.6•10••13 Nm (BRK).
	01	22	59	44.0?		35.54	S	71.03	W	33	N		0.8	9	CENTRAL CHILE. MD 4.1 (SAN).
	01	23	30	48.4•		3.523	S	145.264	E	10	G	4.8	1.3	15	NEAR N COAST OF NEW GUINEA, PNG.
	02	00	14	03.1?		10.29	S	66.75	E	10	G	4.6 4.6	1.5	12	MID-INDIAN RIDGE
	02	00	48	09.9•		37.895	S	178.581	E	64	•	4.3	1.5	21	OFF E. COAST OF N. ISLAND, N.Z.
	02	01	06	36.3&		61.949	N	151.035	W	3				69	SOUTHERN ALASKA. <AEIC>. ML 3.0 (AEIC), 3.2 (PMR).
	02	01	07	41.1•		27.269	S	178.013	W	282	?	4.0	1.3	11	KERMADEC ISLANDS REGION
	02	02	03	56.3		20.029	N	100.612	W	33	N	3.2	1.4	10	CENTRAL MEXICO
a	02	02	20	04.4		3.513	S	145.058	E	33	N	5.2 5.2	1.0	45	NEAR N COAST OF NEW GUINEA, PNG.
	02	02	45	58.3		44.356	N	6.180	E	10	G		0.3	7	FRANCE. ML 2.1 (LDG).
	02	02	54	56.5&		63.026	N	149.723	W	88				84	CENTRAL ALASKA. <AEIC>.
	02	04	21	25.0&		58.290	N	142.743	W	10	G	3.1		52	GULF OF ALASKA. <AEIC>. ML 2.9 (AEIC).
	02	04	46	47.2•		21.521	S	68.313	W	139	•	4.2	0.6	7	CHILE-BOLIVIA BORDER REGION
	02	05	20	30.8•		44.888	N	114.414	W	5	G		0.7	11	WESTERN IDAHO. ML 3.4 (GS), 3.1 (BUT).
	02	07	04	32.8&		33.998	N	116.093	W	1				7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.5 (GS).
	02	07	06	33.2•		3.886	N	95.173	E	33	N	4.5	0.9	8	OFF W COAST OF NORTHERN SUMATERA
	02	07	11	14.4		32.352	S	71.408	W	30			0.8	18	NEAR COAST OF CENTRAL CHILE. MD 4.3 (SAN).
	02	08	10	38.1&		62.199	N	151.099	W	79				59	CENTRAL ALASKA. <AEIC>.
	02	08	16	10.0•		15.074	N	120.321	E	10	G	3.9	1.5	9	LUZON, PHILIPPINE ISLANDS
	02	08	26	59.9•		44.523	N	7.155	E	10	G		0.5	5	NORTHERN ITALY. ML 1.5 (GEN).
	02	08	45	03.7•		36.009	S	178.595	E	256	•	4.3	1.1	35	OFF E. COAST OF N. ISLAND, N.Z.
	02	08	50	02.4		51.098	N	5.896	E	33	N		0.8	22	THE NETHERLANDS. ML 3.0 (LDG), 2.5 (BNS). MD 2.6 (UCC).
	02	09	41	07.3•		40.806	N	23.411	E	10	G		1.0	13	GREECE
	02	09	41	43.5•		40.319	N	124.292	W	15	G	3.2	0.9	13	NEAR COAST OF NORTHERN CALIF. ML 4.1 (BRK), 3.3 (GS). Mo=2.8•10••14 Nm (BRK). Felt in the Honeydew-Petrolia area.
	02	10	19	29.8		37.378	N	104.778	W	5	G	2.9	0.8	9	COLORADO. mbLg 3.1 (GS). Felt (IV) at Gulnare. Also felt at Aguilar and La Veta.
	02	11	30	31.2&		40.300	N	124.493	W	21		4.0		76	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 4.3 (BRK), 3.9 (GS). Mo=2.4•10••14 Nm (BRK). Felt in the Honeydew-Petrolia area.
	02	11	53	22.2•		20.612	S	69.489	W	10	G		0.6	5	NORTHERN CHILE
	02	12	08	15.4&		40.355	N	124.442	W	16				7	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.9 (BRK), 3.1 (GS). Mo=1.6•10••13 Nm (BRK).
	02	12	46	41.4&		33.990	N	116.287	W	4				17	SOUTHERN CALIFORNIA. <PAS-P>. MD 4.1 (PAS). ML 4.1 (GS). Felt in the epicentral area.
	02	13	04	22.0?		37.94	S	175.75	E	324	?		0.3	17	NORTH ISLAND, NEW ZEALAND
	02	13	29	54.5&		33.987	N	116.283	W	4				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 2.8 (GS).
	02	13	41	59.3&		33.995	N	116.280	W	5				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 3.0 (GS).
	02	14	05	19.4•		55.693	N	160.889	E	90	G	4.3	1.4	30	KAMCHATKA
	02	14	19	56.4		43.847	N	11.917	E	8			0.7	25	CENTRAL ITALY. ML 3.0 (VIE), 2.7 (LDG). MD 3.3 (LJU), 3.1 (FIR).
	02	14	38	40.9%		38.326	S	175.736	E	219	•		0.4	29	NORTH ISLAND, NEW ZEALAND
	02	15	18	34.1&		40.283	N	124.348	W	11				6	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.1 (BRK).
	02	15	33	37.0		19.910	S	168.492	E	32	D	4.9	1.2	61	VANUATU ISLANDS
	02	15	56	07.2		43.725	N	8.160	E	10	G		0.4	12	CORSICA. ML 2.0 (GEN), 1.7 (STR).
	02	17	39	37.4•		15.702	N	98.471	W	33	N		1.1	8	OFF COAST OF GUERRERO, MEXICO
	02	17	45	30.3?		43.51	N	11.04	E	10	G		0.6	5	CENTRAL ITALY
	02	17	53	03.8%		46.475	N	2.374	E	5	G		0.4	10	FRANCE. ML 1.7 (LDG).
	02	18	03	24.9?		15.56	N	98.65	W	10	G		1.5	8	OFF COAST OF GUERRERO, MEXICO
	02	18	31	59.0•		10.785	S	164.102	E	46	?	4.9	1.3	33	SANTA CRUZ ISLANDS REGION
	02	19	10	23.7&		33.992	N	116.286	W	4				14	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.4 (PAS). ML 3.4 (GS).
	02	19	20	08.1•		20.213	S	69.102	W	141	•	4.8	1.3	15	NORTHERN CHILE
	02	20	04	35.6•		14.770	S	167.408	E	200	•	4.4	1.0	52	VANUATU ISLANDS
	02	21	22	23.4?		19.18	N	66.08	W	10	G		0.6	7	PUERTO RICO REGION
	02	22	02	46.6%		18.409	N	66.306	W	33	N		0.8	5	PUERTO RICO REGION
	03	00	37	09.8&		33.940	N	116.303	W	1				8	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.1 (GS).
	03	00	37	41.8•		32.389	S	176.974	E	33	N	4.4	0.8	13	NORTH OF NEW ZEALAND
	03	01	09	32.2•		44.511	N	114.062	W	5	G		0.4	8	WESTERN IDAHO. ML 3.1 (GS), 3.4 (BUT).
	03	01	30	05.0%		38.227	N	15.151	E	10	G		1.2	13	SICILY. ML 2.6 (ROM).
	03	01	31	04.5%		38.222	N	15.176	E	10	G		1.2	8	SICILY
a	03	02	02	57.0		15.414	S	175.146	W	20	D	5.1 5.2	1.0	63	TONGA ISLANDS
	03	02	22	48.6•		7.761	S	123.102	E	246	?	4.7	1.0	17	BANDA SEA
	03	02	59	30.0		4.383	N	125.844	E	184	•	4.8	1.1	26	TALAUD ISLANDS, INDONESIA
	03	03	01	39.1•		37.149	N	28.515	E	10	G	3.5	1.1	6	TURKEY
	03	03	27	46.1		45.511	N	3.660	E	5	G		1.3	18	FRANCE. ML 2.3 (LDG), 1.9 (STR).
a	03	03	40	40.5		32.370	S	71.590	W	69		5.2	1.0	103	NEAR COAST OF CENTRAL CHILE. MD 5.0 (SAN). Felt (V) at Quillota, Valparaiso and Santiago, (IV) at Los Andes; (III) at Petorca and San Antonia; (II) at Rancagua and Talca.
	03	04	12	03.8%		40.400	S	173.230	E	200	•		0.2	24	COOK STRAIT, NEW ZEALAND
	03	05	25	25.7?		34.49	S	71.06	W	60	G		0.4	8	NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).
a	03	05	40	06.3		12.529	S	75.916	W	100	D	5.1	0.8	115	CENTRAL PERU. Felt (V) at San Vicente de Lonete, (IV) at Lima and (III) at Ica.
	03	06	59	31.5?		47.83	N	151.52	E	33	N	4.4	0.9	24	KURIL ISLANDS
	03	08	13	53.5&		33.943	N	116.377	W	1				8	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	03	08	34	11.6%		39.222	N	27.387	E	10	G		0.3	5	TURKEY
	03	08	35	36.8		34.977	N	26.690	E	29		4.7 3.6	1.3	186	CRETE. ML 5.1 (CSS), 4.6 (ATH).
	03	08	54	16.3•		52.969	S	161.026	E	33	N	3.5	1.5	8	MACQUARIE ISLANDS REGION
	03	09	18	28.0&		34.050	N	116.336	W	1				7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	03	09	55	36.0&		40.342	N	124.620	W	9				6	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.3 (BRK). Mo=3.1•10••13 Nm (BRK).
	03	10	32	09.5		27.627	N	141.581	E	40	D	4.8	0.9	51	BONIN ISLANDS REGION
	03	11	33	36.1?		36.81	N	29.32	E	10	G		0.8	4	TURKEY
	03	11	39	08.1•		36.348	N	30.004	E	33	N		0.8	7	TURKEY
	03	13	10	00.6		45.548	N	26.404	E	156		3.9	1.0	43	ROMANIA
	03	14	23	20.1		2.169	S	139.138	E	33	N	4.7	1.1	23	NEAR NORTH COAST OF IRIAN JAYA

	03	14	43	43.5?	56.88	S	30	17	W	33	N	5.0	1.4	7	SOUTH SANDWICH ISLANDS REGION
	03	14	43	48.6&	62.350	N	151.430	W		93				58	CENTRAL ALASKA. <AEIC>.
	03	16	09	35.6	31.265	N	130.292	E		170	D	4 6	0.9	73	KYUSHU, JAPAN
	03	17	19	12.4%	44.357	N	11.533	E		10	G		0.1	7	NORTHERN ITALY
	03	19	25	08.4	23.993	N	122.489	E		33	N	4 8 4.2	1.1	50	TAIWAN REGION
a	03	19	53	50.6	6.100	S	148.590	E		86		5.1	1.1	62	NEW BRITAIN REGION, P.N.G.
	03	20	00	44.7•	18.896	N	102.511	W		107		4.5	1.2	13	MICHOACAN, MEXICO
	03	20	03	09.5&	40.335	N	124.840	W		21				10	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.2 (BRK), 2.7 (GS).
	03	20	43	47.0&	63.048	N	150.681	W		120				70	CENTRAL ALASKA. <AEIC>.
	03	21	11	29.1•	23.902	N	91.117	E		33	N	4.2	1.0	5	INDIA-BANGLADESH BORDER REGION
	03	21	40	33.7%	62.073	N	6.149	E		10	G		1.1	8	SOUTHERN NORWAY. ML 1.5 (NAO). MD 2.2 (BER).
	03	22	07	11.8%	42.951	N	18.278	E		10	G		0.5	9	NORTHWESTERN BALKAN REGION. ML 1.7 (TTG).
	03	22	41	34.7%	44.347	N	11.493	E		10	G		0.5	8	NORTHERN ITALY
	03	23	26	01.0&	37.115	N	120.988	W		5				22	CENTRAL CALIFORNIA. <BRK>. ML 2.9 (BRK), 3.1 (GS).
	03	23	42	10.2?	6.68	S	147.57	E		33	N	3.9	1.0	5	EASTERN NEW GUINEA REG., P.N.G. ML 4.3 (PMG).
	04	00	02	43.2&	40.303	N	124.643	W		2				7	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.0 (BRK).
	04	00	13	27.7&	40.342	N	124.518	W		19		3.2		13	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.6 (BRK), 3.3 (GS). Mo=4.3•10••14 Nm (BRK).
	04	00	35	50.6&	40.397	N	124.493	W		12				9	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.3 (BRK), 3.1 (GS). Mo=6.3•10••13 Nm (BRK).
	04	01	16	02.5&	33.940	N	116.341	W		6				24	SOUTHERN CALIFORNIA. <PAS-P>. MD 4.0 (PAS). ML 4.0 (GS).
	04	01	25	03.0	43.638	N	16.404	E		5			0.6	21	NORTHWESTERN BALKAN REGION. ML 3.3 (TTG), 3.2 (ZAG). MD 3.3 (TRI). Felt in the Sinj area, Croatia.
	04	01	25	05.7?	46.02	N	14.23	E		10	G		0.8	4	NORTHWESTERN BALKAN REGION. Felt (IV) at Vrzdenec, Slovenia.
	04	01	59	17.3&	40.348	N	124.568	W		7				7	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.6 (BRK), 3.1 (GS). Mo=9.9•10••13 Nm (BRK).
	04	02	02	48.2	43.553	N	7.810	E		17			0.7	29	NEAR SOUTH COAST OF FRANCE. ML 3.1 (LDG), 3.1 (GEN), 2.7 (STR).
	04	02	21	58.7?	20.97	S	68.81	W		33	N		0.8	5	CHILE-BOLIVIA BORDER REGION
	04	04	09	08.0&	60.136	N	153.335	W		128				75	SOUTHERN ALASKA. <AEIC>. Felt (II) at Pedro Bay.
	04	04	11	36.0•	32.433	S	71.659	W		20			0.5	12	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	04	04	21	10.2?	5.49	S	146.94	E		232	?		1.3	6	EASTERN NEW GUINEA REG., P.N.G.
	04	04	59	20.6&	37.115	N	120.980	W		2				14	CENTRAL CALIFORNIA. <BRK>. ML 2.8 (BRK).
	04	05	01	13.7&	62.286	N	149.120	W		48				72	CENTRAL ALASKA. <AEIC>. ML 3.0 (AEIC), 3.2 (PMR).
	04	05	06	19.3&	40.460	N	124.583	W		11				7	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 4.0 (BRK), 3.4 (GS). Mo=7.9•10••13 Nm (BRK).
	04	05	15	30.6	44.459	N	7.312	E		10	G		0.5	11	NORTHERN ITALY. ML 2.2 (LDG), 1.7 (GEN).
	04	05	19	55.1%	32.813	S	71.214	W		33	N		0.5	9	NEAR COAST OF CENTRAL CHILE. MD 3.5 (SAN).
	04	05	45	24.7&	66.403	N	149.708	W		24				11	NORTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
	04	06	14	58.5%	44.257	N	8.657	E		10	G		0.2	5	NORTHERN ITALY. ML 1.9 (GEN).
	04	06	48	50.8•	37.314	S	176.679	E		318	?		0.4	26	NORTH ISLAND, NEW ZEALAND
	04	07	08	19.0&	40.308	N	124.423	W		25				18	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.9 (BRK), 3.4 (GS). Mo=4.6•10••14 Nm (BRK).
	04	07	24	14.0&	34.063	N	116.319	W		0				10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 3.1 (GS).
	04	07	44	41.7&	40.288	N	124.517	W		28		3.1		15	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.7 (BRK), 3.2 (GS). Mo=3.3•10••14 Nm (BRK).
	04	07	49	20.5•	36.318	N	71.142	E		49	?	4.7	1.3	19	AFGHANISTAN-TAJIKISTAN BORD REG.
	04	08	27	34.0	41.925	N	20.248	E		10	G		1.3	14	ALBANIA. ML 2.7 (TIR), 2.3 (TTG).
a	04	08	45	01.7	6.762	S	130.229	E		86	G	5.9	1.0	364	BANDA SEA. Mo=1.0•10••18 Nm (PPT). Depth from broadband displacement seismograms.
	04	09	08	02.3&	60.668	N	151.866	W		90				46	KENAI PENINSULA, ALASKA. <AEIC>.
	04	09	14	23.2	44.510	N	113.978	W		10	G	4.6	1.0	127	EASTERN IDAHO. MD 4.7 (BUT), 4.7 (SEA). Felt (V) at Moy and (IV) at Bellvue, Challis and Tendoy. Also felt at Boise, Ellis, Salmon and Sun Valley. Felt at Butte and Dillon, Montana.
	04	09	32	16.2&	40.352	N	124.708	W		9				8	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.8 (BRK), 3.2 (GS). Mo=5.7•10••14 Nm (BRK).
	04	09	41	03.6%	41.133	N	28.469	E		10	G		0.9	6	TURKEY
	04	10	09	04.0	40.643	N	125.547	W		15	G	3.6	0.5	49	OFF COAST OF NORTHERN CALIFORNIA. ML 3.9 (BRK), 3.6 (GS). Mo=8.6•10••14 Nm (BRK).
	04	10	22	57.8	33.386	S	71.193	W		47	?		0.7	10	NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).
	04	10	50	09.9•	19.048	S	175.114	W		261	?	4.8	0.7	25	TONGA ISLANDS
	04	10	54	22.2	29.882	N	67.550	E		10	G	4.9 3.9	1.1	92	PAKISTAN. Felt lightly at Quetta.
	04	10	54	27.9	44.425	N	113.647	W		5	G		0.4	9	EASTERN IDAHO. ML 3.0 (GS), 3.3 (BUT).
	04	11	02	31.2	44.416	N	114.061	W		5	G		0.5	13	WESTERN IDAHO. ML 3.4 (GS), 3.4 (BUT).
	04	11	20	31.8?	24.86	N	69.28	E		33	N	3.5	1.3	5	INDIA-PAKISTAN BORDER REG.
	04	12	50	54.7	30.678	S	72.083	W		33	N		0.5	14	OFF COAST OF CENTRAL CHILE. MD 4.0 (SAN).
	04	13	12	43.9?	57.54	N	6.32	E		10	G		1.4	7	NORTH SEA. MD 2.3 (BER).
	04	13	18	08.8&	60.815	N	151.615	W		72				57	KENAI PENINSULA, ALASKA. <AEIC>.
	04	14	02	12.1•	5.105	S	152.790	E		33	N	4.3	0.9	6	NEW BRITAIN REGION, P.N.G.
	04	15	09	36.7•	44.411	N	113.931	W		5	G		0.7	9	EASTERN IDAHO. ML 3.4 (GS), 3.2 (BUT).
	04	15	11	38.9?	36.95	S	178.14	E		235	?		0.9	33	OFF E. COAST OF N. ISLAND, N.Z.
	04	15	15	21.1•	44.419	N	113.924	W		5	G		0.6	9	EASTERN IDAHO. ML 3.5 (GS), 3.2 (BUT).
	04	15	22	53.3•	44.402	N	113.921	W		5	G		0.8	9	EASTERN IDAHO. ML 3.1 (GS), 3.4 (BUT).
	04	15	47	01.0•	36.695	N	20.426	E		33	N	3.5	1.3	21	CENTRAL MEDITERRANEAN SEA. ML 4.1 (ATH).
	04	16	19	49.7&	33.942	N	116.304	W		13		4.4		69	SOUTHERN CALIFORNIA. <PAS-P>. MD 4.8 (PAS). Felt (V) at Desert Hot Springs, Joshua Tree, Palm Desert, Rancho Mirage, Twentynine Palms and Yucca Valley. Felt (IV) at Indio, Morongo Valley, North Palm Springs and Thousand Palms. Felt in Riverside, San Bernardino and San Diego Counties.
	04	17	06	29.7?	34.40	S	70.50	W		10	G		0.3	8	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	04	17	14	48.5•	44.396	N	113.952	W		5	G		1.1	9	EASTERN IDAHO. ML 3.0 (GS), 3.0 (BUT).
	04	17	42	48.6	2.044	N	126.072	E		92	•	5.1	1.1	39	NORTHERN MOLUCCA SEA
	04	18	54	12.8•	37.700	N	134.429	E		421	•	4.0	1.0	16	SEA OF JAPAN
	04	19	21	20.9?	16.13	N	98.20	W		10	G		1.1	5	NEAR COAST OF GUERRERO, MEXICO
	04	22	33	14.7•	36.810	N	28.761	E		33	N		0.6	7	DODECANESE ISLANDS
	04	22	57	52.3&	59.623	N	152.711	W		88				67	SOUTHERN ALASKA. <AEIC>.
	04	23	19	23.2&	59.798	N	153 486	W		132				42	SOUTHERN ALASKA. <AEIC>.
	05	00	08	00.2•	29.820	N	50.716	E		33	N	4.2	1.5	8	SOUTHERN IRAN

o	05	00	33	24.9	52.814	N	159.369	E	50	D	5.1	0.9	174	OFF EAST COAST OF KAMCHATKA
	05	00	55	30.1&	34.002	N	116.336	W	2				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 2.8 (GS).
	05	01	06	44.7&	34.010	N	116.319	W	1				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 2.8 (GS).
	05	01	12	36.6	44.417	N	113.895	W	5	G		0.7	13	EASTERN IDAHO. ML 3.5 (GS), 3.4 (BUT).
	05	02	01	23.2•	13.964	N	60.600	W	74	•	3.9	1.0	26	WINDWARD ISLANDS. MD 3.8 (TRN). Felt (IV) on St. Lucia and (II) on Martinique.
	05	02	40	41.6	44.502	N	7.204	E	10	G		0.4	16	NORTHERN ITALY. ML 2.1 (GEN), 1.7 (LDG).
	05	02	43	56.3?	16.92	N	61.84	W	141	?		1.0	10	LEEWARD ISLANDS
	05	02	54	55.6•	22.059	N	98.023	E	33	N	3.9	0.9	6	MYANMAR-CHINA BORDER REGION
	05	04	16	19.7%	39.071	N	26.138	E	10	G		0.3	7	TURKEY
o	05	05	58	20.9	9.883	S	151.696	E	33	N	5.3 4.7	1.0	58	D'ENTRECASTEAUX ISLANDS REGION
	05	06	04	11.2&	59.973	N	152 286	W	92		2.7		77	SOUTHERN ALASKA. <AEIC>.
	05	06	10	32.1•	44.429	N	113.990	W	5	G		0.6	10	EASTERN IDAHO. ML 3.0 (GS), 3.2 (BUT).
	05	06	20	56.5%	11.059	N	60.938	W	23			0.6	12	WINDWARD ISLANDS. MD 3.5 (TRN).
	05	06	57	15.9•	33.712	S	71.584	W	10	G		0.4	8	NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).
	05	07	49	46.4%	38.074	S	176.284	E	215	•		0.5	33	NORTH ISLAND, NEW ZEALAND
	05	07	58	24.2•	27.787	N	130.158	E	33	N	4.4	0.8	12	RYUKYU ISLANDS
	05	08	00	17.8•	66.431	N	14.887	E	10	G		1.3	7	NORTHERN NORWAY. MD 3.0 (BER).
	05	08	00	31.6	50.121	N	19.069	E	21		3.7	0.8	20	POLAND. ML 4.2 (WAR), 4.2 (VIE), 3.8 (BRA).
	05	08	31	12.3•	44.414	N	113.993	W	5	G		0.8	10	EASTERN IDAHO. ML 3.0 (GS), 3.0 (BUT).
	05	08	33	05.5•	44.409	N	113.926	W	5	G		0.7	9	EASTERN IDAHO. ML 3.2 (GS), 3.2 (BUT).
	05	08	55	51.1	43.812	N	148.007	E	41	D	5.2 4.2	0.8	124	EAST OF KURIL ISLANDS
	05	08	56	09.4?	39.78	N	32.79	E	10	G		1.2	5	TURKEY
	05	10	06	06.5&	60.009	N	152.645	W	96		2.6		76	SOUTHERN ALASKA. <AEIC>.
	05	10	13	23.6•	29.496	N	50.857	E	33	N	4.8	1.2	13	SOUTHERN IRAN
	05	10	18	25.5	39.542	N	19.363	E	10	G		1.2	9	GREECE-ALBANIA BORDER REGION. ML 3.1 (TIR). MD 3.2 (ATH).
	05	10	46	17.6&	40.318	N	124.362	W	17		4.3 3.7		103	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 4.5 (BRK), 4.7 (GS). Mo=6.6•10••15 Nm (BRK). Felt (V) at Fortuna, Honeydew, Myers Flat and Whitethorn; (IV) at Miranda, Redcrest and Weott. Also felt at Eureka, Ferndale, Kneeland and Rio Dell.
	05	10	54	29.1&	57.642	N	154.633	W	0		3.4		71	KODIAK ISLAND REGION. <AEIC>. ML 3.7 (AEIC), 4.0 (PMR).
	05	10	57	53.5%	39.299	S	175.021	E	26			0.7	26	NORTH ISLAND, NEW ZEALAND. ML 3.7 (WEL).
	05	11	15	57.6•	30.091	N	50.550	E	42	?	4.6	0.5	10	NORTHERN IRAN
	05	11	43	11.9?	34.43	S	71.80	W	10	G		0.6	8	NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	05	12	08	50.3%	42.760	N	19.141	E	15	G		0.1	8	NORTHWESTERN BALKAN REGION. ML 1.5 (TTG).
	05	13	57	51.2	29.740	N	50.837	E	40	•	4.6 4.5	1.1	38	SOUTHERN IRAN. Felt at Ganaveh.
	05	14	30	10.5	29.717	N	50.811	E	35	•	4.2	1.2	18	SOUTHERN IRAN
	05	14	57	17.4%	39.030	N	27.802	E	10	G		0.6	8	TURKEY
	05	15	52	23.6	34.907	N	26.707	E	50	•	4.0	1.5	30	CRETE. MD 4.1 (ATH).
	05	15	54	16.6	29.456	N	51.125	E	67	•	4.5	1.2	14	SOUTHERN IRAN
	05	15	57	40.9•	30.049	N	50.810	E	10	G	4.4 4.2	1.3	8	NORTHERN IRAN
	05	16	48	02.5	43.274	N	17.488	E	5	G		1.1	76	NORTHWESTERN BALKAN REGION. ML 3.9 (ZAG), 3.8 (VIE), 3.7 (TTG), 3.7 (ROM), 3.5 (TIR), 3.4 (LJU). MD 4.1 (TRI). Felt (VI) in the Vgorac, Croatia area.
	05	17	21	46.5%	42.478	N	13.365	E	10	G		0.8	10	CENTRAL ITALY
	05	18	54	34.7%	39.206	N	28.737	E	10	G		0.5	8	TURKEY
	05	18	55	21.9	46.705	N	9.589	E	10	G		1.1	14	SWITZERLAND. ML 2.7 (VIE).
	05	20	29	00.3	52.049	N	169.566	W	33	N	4.9 4.5	1.0	100	FOX ISLANDS, ALEUTIAN ISLANDS
	05	21	27	45.0	45.078	N	30.911	E	12		3.7	1.1	45	UKRAINE-MOLDOVA-SW RUSSIA REGION
	05	22	18	02.3%	40.086	S	177.006	E	71	•		1.1	28	OFF E. COAST OF N. ISLAND, N.Z.
	05	23	24	19.1?	43.75	N	11.70	E	10	G		1.2	5	CENTRAL ITALY
	06	00	13	06.7?	41.08	N	35.27	E	10	G		0.2	4	TURKEY. MG 2.7 (DDA).
	06	00	25	56.0&	40.418	N	124.590	W	5				8	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.3 (BRK).
	06	00	32	23.7	38.721	N	27.842	E	10			0.5	9	TURKEY
	06	01	03	29.5•	50.298	N	18.894	E	10	G		1.0	5	POLAND. ML 3.4 (WAR).
	06	01	34	41.1&	36.365	N	120.733	W	13				19	CENTRAL CALIFORNIA. <BRK>. ML 2.6 (BRK), 2.9 (GS).
	06	01	40	21.3&	34.032	N	116.314	W	3				6	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 3.0 (GS).
	06	01	41	01:2	36.346	N	112.043	W	5	G		0.8	7	WESTERN ARIZONA. ML 2.9 (GS). Felt in the Grand Canyon area.
	06	02	38	43.3&	33.943	N	116.315	W	7		4.4		62	SOUTHERN CALIFORNIA. <PAS-P>. MD 4.5 (PAS). ML 4.9 (BRK). Felt (V) at Joshua Tree; (IV) at Rancho Mirage and Yucca Valley. Also felt in the Palm Springs-Riverside area and in San Diego County.
	06	03	11	52.3&	40.237	N	124.138	W	11				7	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.2 (BRK).
	06	03	20	08.9&	33.951	N	116.320	W	4				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.1 (GS).
	06	03	53	07.5•	9.504	S	118.206	E	10	G	4.4	1.2	12	SUMBAWA REGION, INDONESIA
	06	04	15	17.3	46.448	N	7.924	E	10	G		0.6	7	SWITZERLAND. ML 2.2 (LDG).
	06	04	28	48.8•	34.901	S	17.224	W	10	G	5.0 3.7	1.3	15	SOUTHERN MID-ATLANTIC RIDGE
	06	04	55	16.1•	13.669	N	120.754	E	149		4.3	1.0	16	MINDORO, PHILIPPINE ISLANDS
	06	05	04	07.5?	60.56	N	5.07	E	10	G		0.1	4	SOUTHERN NORWAY. MD 1.7 (BER).
	06	05	10	43.9&	33.941	N	116.315	W	7				10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.1 (GS).
	06	06	01	26.2•	59.547	S	23.297	W	10	G	5.0	1.3	26	SOUTH SANDWICH ISLANDS REGION
	06	06	51	58.0?	31.14	S	68.40	W	100	G		0.3	5	SAN JUAN PROVINCE, ARGENTINA
	06	06	52	51.1?	36.58	S	177.44	E	10	G		0.8	6	OFF E. COAST OF N. ISLAND, N.Z. ML 3.9 (WEL).
	06	07	29	51.4?	26.93	S	176.27	W	33	N	4.7	1.1	14	SOUTH OF FIJI ISLANDS
	06	07	53	27.0?	18.81	N	66.16	W	10	G		0.8	7	PUERTO RICO REGION
	06	08	36	01.4	48.024	N	7.699	E	10	G		0.3	11	FRANCE. ML 2.6 (LDG), 1.9 (STR).
o	06	08	52	50.1	0.294	S	126.103	E	82	•	5.0	1.0	24	SOUTHERN MOLUCCA SEA
	06	09	21	50.5?	44.42	N	7.47	E	10	G		0.0	4	NORTHERN ITALY. ML 1.4 (GEN).
	06	09	30	43.4	33.168	S	71.536	W	10	G		0.7	11	NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN). Felt (II) at Valparaisa.
	06	10	22	12.6	44.480	N	114.009	W	5	G		0.8	46	WESTERN IDAHO. ML 4.4 (BUT), 4.2 (GS). Felt (IV) at Challis and May. Also felt at Salmon, Idaho and Butte, Montana.
	06	10	28	25.2	42.075	N	125.771	W	10	G		0.5	67	OFF COAST OF OREGON
	06	10	42	05.1•	52.887	N	173.945	W	214	•	4.2	1.3	49	ANDREANOF ISLANDS, ALEUTIAN IS.
	06	11	17	30.5•	8.877	N	93.817	E	33	N	4.2	0.9	12	NICOBAR ISLANDS, INDIA
	06	11	46	46.8&	63.845	N	148.792	W	111				69	CENTRAL ALASKA. <AEIC>.
	06	13	15	37.9?	12.20	N	89.90	W	10	G	4.2	1.2	6	OFF COAST OF CENTRAL AMERICA. Felt (II) at San Salvador, El Salvador.
	06	13	31	04.5?	27.57	N	140.16	E	519	?	3.9	0.8	13	BONIN ISLANDS REGION

	06	13 52 58.9	39.235	N	20.457	E	10	G			1.1	36	GREECE-ALBANIA BORDER REGION. ML 4.1 (ATH), 3.6 (TTG), 3 4 (TIR).
	06	14 14 58.5?	39.15	N	20.68	E	10	G			1.3	5	GREECE-ALBANIA BORDER REGION
	06	15 03 37.6	5.338	S	153.086	E	56	•	5.2	4.4	1.0	39	NEW IRELAND REGION, P.N.G.
	06	15 43 07.1•	31.954	S	71.440	W	28				1.0	16	NEAR COAST OF CENTRAL CHILE. MD 4.3 (SAN). Felt (III) at Quillota.
	06	16 09 12.2%	39.047	N	26.379	E	10	G			0.5	7	TURKEY
	06	16 31 43.3&	33.934	N	116.316	W	5					7	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.0 (GS).
	06	16 57 49.5%	11.652	N	42.782	E	10	G			0.6	8	ETHIOPIA
	06	17 13 48.8•	5.620	S	134.127	E	44	?	4.8		1.4	12	ARU ISLANDS REGION, INDONESIA
	06	17 41 19.2&	33.947	N	116.315	W	5					9	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.4 (PAS). ML 3.1 (GS)
	06	17 46 58.1&	40.460	N	125.615	W	9					8	OFF COAST OF NORTHERN CALIFORNIA. <BRK>. ML 3.6 (BRK).
	06	19 08 55.7%	40.884	N	28.221	E	10	G			1.2	7	TURKEY
	06	19 28 20.4	22.074	S	63.663	W	532		4.5		0.8	52	SALTA PROVINCE, ARGENTINA
	06	19 53 28.6%	42.596	N	19.001	E	10	G			0.4	9	NORTHWESTERN BALKAN REGION. ML 1.7 (TTG).
	06	20 30 52.5•	16.730	N	96.217	W	94	?			0.8	6	OAXACA, MEXICO
	06	20 38 09.6	44.247	S	168.032	E	10	G	4.5		1.0	38	SOUTH ISLAND, NEW ZEALAND. ML 4.4 (WEL).
	06	20 44 24.4%	42.581	N	18.991	E	11	G			0.3	9	NORTHWESTERN BALKAN REGION. ML 1.6 (TTG).
	06	21 01 34.3	39.023	N	26.200	E	10	G			0.5	11	TURKEY
	06	21 39 50.0•	24.052	N	123.405	E	33	N	4.1		0.2	8	SOUTHWESTERN RYUKYU ISLANDS
	06	22 38 21.3?	45.25	S	166.26	E	81	?			0.5	16	OFF W. COAST OF S. ISLAND, N.Z.
	06	23 01 44.0•	39.107	N	31.372	E	10	G			1.3	8	TURKEY. MG 2.7 (DDA).
	06	23 10 17.2?	35.66	N	4.21	W	10	G			0.9	4	STRAIT OF GIBRALTAR. mbLg 2.7 (MDD).
a	06	23 26 14.9•	45.658	S	34.874	E	10	G	5.0	4.6	1.2	38	PRINCE EDWARD ISLANDS REGION
a	06	23 29 47.2	17.165	S	72.015	W	52	•	4.9		1.1	72	NEAR COAST OF PERU. Felt (IV) at Arequipa.
	06	23 38 06.1?	39.09	N	25.97	E	10	G			0.4	7	AEGEAN SEA
	06	23 47 19.9	39.017	N	26.071	E	10	G			0.7	13	TURKEY
	06	23 50 04.5%	38.038	S	176.333	E	206	•			0.5	25	NORTH ISLAND, NEW ZEALAND
	07	01 22 35.1?	8.99	S	159.63	E	187	?	4.8		1.4	5	SOLOMON ISLANDS
	07	01 23 16.9	38.984	N	26.009	E	10	G			0.6	18	AEGEAN SEA. ML 3.9 (ATH).
	07	01 37 08.1	47.264	N	113.335	W	5	G			0.8	14	MONTANA. ML 3.7 (GS), 3.8 (BUT).
	07	02 34 54.1&	34.028	N	116.309	W	0					14	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS).
	07	02 46 47.4•	51.753	N	16.543	E	10	G	3.5		0.7	8	POLAND. ML 3.2 (GRF).
	07	03 14 07.6	51.523	N	16.211	E	10	G	3.7		0.2	11	POLAND. ML 3.6 (VIE), 3.5 (GRF).
	07	03 57 53.4%	40.661	N	27.562	E	10	G			0.6	7	TURKEY
	07	04 03 52.1•	44.398	N	114.107	W	5	G			0.3	8	WESTERN IDAHO. ML 3.0 (GS), 3.1 (BUT).
	07	05 03 21.0•	52.721	N	172.828	W	212	•	4.4		1.2	52	ANDREANOF ISLANDS, ALEUTIAN IS.
f	07	06 23 36.1	41.175	N	144.700	E	13	G	5.8	5.8	0.9	480	HOKKAIDO, JAPAN REGION. Ms 5.7 (BRK). Felt (III JMA) at Kushiro. Depth from broadband displacement seismograms.
	07	07 01 14.8%	37.111	S	176.829	E	275	•			0.5	34	NORTH ISLAND, NEW ZEALAND
	07	08 24 25.1	77.950	N	7.558	E	10	G	5.0		0.6	17	SVALBARD REGION
	07	09 52 32.2•	19.009	N	69.892	W	90	?	3.9		0.9	22	DOMINICAN REPUBLIC REGION
	07	10 25 08.9	28.246	S	63.401	W	553		4.6		1.0	41	SANTIAGO DEL ESTERO PROV., ARG.
	07	10 48 08.0&	33.995	N	116.255	W	1					8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	07	10 52 33.6	60.130	N	4.701	E	10	G			0.8	12	SOUTHERN NORWAY. ML 2.2 (NAO). MD 1.8 (BER).
	07	11 33 02.3	41.634	N	22.318	E	10	G			0.8	8	NORTHWESTERN BALKAN REGION. ML 2.5 (SKO).
	07	11 42 57.4%	39.533	N	28.289	E	10	G			0.5	6	TURKEY
	07	12 24 30.2&	33.969	N	116.354	W	2					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.0 (GS).
	07	13 20 43.3	41.167	N	144.723	E	20		4.6		1.1	46	HOKKAIDO, JAPAN REGION
	07	13 36 26.0•	38.775	N	26.184	E	10	G			1.0	9	AEGEAN SEA
	07	15 10 01.2	41.125	N	28.748	E	10	G			0.5	6	TURKEY
	07	15 36 38.1%	43.070	N	0.550	W	10	G			0.4	5	PYRENEES. ML 1.0 (STR).
	07	15 36 52.6•	42.883	N	16.808	E	5	G			1.2	11	ADRIATIC SEA. ML 2.8 (TTG).
	07	15 40 45.7&	34.028	N	116.312	W	0					5	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	07	16 28 44.4&	59.875	N	153.264	W	121		2.9			45	SOUTHERN ALASKA. <AEIC>.
	07	17 04 52.4%	61.523	N	4.181	E	10	G			1.0	9	SOUTHERN NORWAY. ML 1.5 (NAO). MD 1.9 (BER).
	07	17 17 54.6%	43.334	N	12 570	E	10	G			0.5	5	CENTRAL ITALY
	07	18 06 20.8%	46.311	N	1.844	E	10	G			0.6	12	FRANCE. ML 2.2 (LDG).
	07	18 30 52.7	46.346	N	7.397	E	8				0.9	41	SWITZERLAND. ML 2.9 (LDG), 2.5 (STR).
	07	18 35 38.0•	50.146	N	18.526	E	10	G			1.3	6	POLAND. ML 3.3 (WAR).
	07	18 50 14.5•	34.073	N	139.336	E	10	G	4.3		1.0	15	NEAR S. COAST OF HONSHU, JAPAN
a	07	19 15 03.3	38.698	N	40.143	E	18	D	5.0	4.5	1.3	191	TURKEY. Felt strongly in the Tunceli-Elazig-Bingol area. Also felt at Erzurum, Malatya, Diyarbakir, Batman and Mus.
	07	19 49 19.4•	36.328	N	24.193	E	33	N	3.5		0.9	8	SOUTHERN GREECE. ML 3.6 (ATH).
	07	19 59 52.6	38.319	N	22.019	E	10	G			1.1	6	GREECE. ML 3.1 (ATH).
	07	20 02 33.6%	32.836	S	71.032	W	33	N			0.3	8	NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).
	07	20 28 50.2%	45.100	N	7.333	E	10	G			0.5	7	NORTHERN ITALY. ML 2.0 (GEN).
	07	20 41 49.2•	24.444	N	123.299	E	33	N	3.9		0.7	8	SOUTHWESTERN RYUKYU ISLANDS
	07	21 08 03.4•	5.155	S	143.805	E	49	•	3.7		1.0	11	NEW GUINEA, PAPUA NEW GUINEA
	07	22 12 45.3	6.666	N	124.693	E	27		5.1	4.0	1.1	55	MINDANAO, PHILIPPINE ISLANDS
	07	23 00 56.1	42.743	N	2.689	E	10				1.1	15	PYRENEES. ML 2.9 (LDG). mbLg 2.9 (MDD).
	07	23 28 05.1&	60.559	N	140.862	W	0					15	SOUTHEASTERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	08	00 23 35.2	23.647	S	179.918	E	557	•	5.0		1.1	36	SOUTH OF FIJI ISLANDS
	08	00 30 19.5•	39.338	N	23.155	E	10	G			0.8	5	AEGEAN SEA. ML 3.1 (ATH).
	08	00 32 33.8?	16.54	N	100.09	W	33	N			0.5	5	NEAR COAST OF GUERRERO, MEXICO
	08	00 48 32.1	46.279	N	7.437	E	10	G			1.1	17	SWITZERLAND. ML 2.4 (LDG).
	08	00 56 20.1	40.010	N	19.944	E	10	G			1.1	23	ALBANIA. ML 3.2 (TTG), 3.1 (TRI). MD 3.2 (ATH). Felt (IV) at Pilur, Fterre, Borsh and Fushe-Bardhe.
	08	01 44 22.7	39.077	N	29.672	E	6				0.8	28	TURKEY. MG 3.4 (DDA).
	08	02 11 32.7	40.700	N	15.721	E	18				1.1	53	SOUTHERN ITALY. ML 3.9 (TTG)). MD 3.5 (ROM).
	08	02 26 32.9	51.467	N	15.946	E	5	G	3.5		0.4	16	POLAND. ML 3.8 (VIE), 3.8 (GRF).
	08	02 38 47.3%	43.224	N	8.110	E	10	G			0.1	5	CORSICA. ML 2.1 (LDG).
	08	02 43 11.2%	40.654	N	15.738	E	10	G			0.6	9	SOUTHERN ITALY
	08	03 38 09.6	43.411	N	5.422	E	10	G			0.7	14	NEAR SOUTH COAST OF FRANCE. ML 2.5 (LDG).
	08	03 56 41.7	43.652	N	21.233	E	10	G			0.8	17	NORTHWESTERN BALKAN REGION. ML 3.2 (TTG). Felt at Trstenik and Kraljevo, Yugoslavia.
	08	05 06 03.8&	58.381	N	143.297	W	10	G				57	GULF OF ALASKA. <AEIC>. ML 3.3 (AEIC).
	08	05 15 50.0	40.111	N	19.749	E	17		4.5		1.3	140	ALBANIA. ML 4.7 (ROM), 4.6 (TTG), 4.4 (TIR), 4.4 (SKO). MD 4.6 (ATH). Felt (VI) at Pilur; (V) at Himare and Fushe-Bardhe; (IV) at Saronde, Vlore and Tepelene.

	08	05	36	48.5•	41	128	N	19.888	E	5	G	0.6	12	ALBANIA. ML 2.6 (TTG).
	08	06	44	39.0	47.266	N		9.498	E	5	G 4.4	1.2	156	GERMANY. ML 5.0 (VIE), 5.0 (GRF), 4.7 (BNS), 4.7 (LDG), 4.5 (FUR), 4.3 (BRA). MD 4.3 (TRI). Slight damage (VI) at Vaduz, Liechtenstein. Felt (VI) at Feldkirch, Austria. Felt throughout western Vorarlberg Province, Austria.
	08	07	11	28.3	46.976	N		154.434	E	37	D 4.9	0.9	45	EAST OF KURIL ISLANDS
	08	07	12	37.8•	17.297	S		176.994	W	379	4.4	0.6	18	FIJI ISLANDS REGION
	08	07	47	15.8	47.148	N		9.484	E	5	G	1.5	30	GERMANY. ML 3.1 (VIE), 3.1 (LDG), 2.8 (FUR). Felt at Vaduz, Liechtenstein.
	08	07	51	24.6	47.253	N		9.470	E	5	G	1.2	112	GERMANY. ML 4.4 (VIE), 4.1 (GRF), 4.1 (FUR), 4.1 (LDG), 3.9 (FEL), 3.9 (BRA). MD 3.9 (UCC). Felt at Feldkirch, Austria.
	08	08	11	41.3	6.563	S		154.908	E	88 •	4.9	0.9	35	SOLOMON ISLANDS
	08	08	29	37.6	47.223	N		9.631	E	5	G	0.6	11	GERMANY. ML 2.5 (LDG).
	08	08	36	33.1%	39.682	N		29.416	E	10	G	0.3	6	TURKEY
	08	09	14	05.2•	12.245	N		144.377	E	33	N 3.8	0.6	7	SOUTH OF MARIANA ISLANDS
	08	10	09	57.9&	60.255	N		152.132	W	85			38	SOUTHERN ALASKA. <AEIC>.
	08	10	15	19.4•	40.002	N		20.619	E	10	G	0.9	6	GREECE-ALBANIA BORDER REGION. MD 2.9 (ATH).
	08	10	24	46.2•	44.235	N		8.492	E	10	G	0.7	12	NORTHERN ITALY. ML 2.2 (LDG), 1.8 (STR).
	08	11	09	17.2	33.111	S		70.427	W	83 ?		0.7	12	CHILE-ARGENTINA BORDER REGION. MD 4.1 (SAN).
	08	11	46	12.3•	2.449	N		128.615	E	33	N 4.8	1.3	19	HALMAHERA, INDONESIA
	08	12	10	01.9	40.925	N		21.382	E	5	G	0.9	8	GREECE. ML 2.9 (SKO), 2.6 (TIR). MD 3.1 (ATH).
	08	12	45	06.4•	32.572	S		71.384	W	10	G	1.2	10	NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN).
	08	13	08	35.2?	44.38	N		8.12	E	10	G	0.8	6	NORTHERN ITALY. ML 2.2 (LDG).
	08	13	24	06.5•	41.099	N		23.909	E	10	G	1.0	8	GREECE-BULGARIA BORDER REGION
	08	13	56	36.4	43.079	N		0.430	W	10	G	0.2	8	PYRENEES. ML 2.5 (LDG).
	08	14	44	51.2%	41.140	N		28.507	E	10	G	1.2	8	TURKEY
	08	15	10	50.1&	34.012	N		116.090	W	0			7	SOUTHERN CALIFORNIA. <PAS-P>. MD 2.5 (PAS).
	08	15	10	59.0&	34.043	N		116.329	W	1			6	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (GS).
	08	15	34	01.9?	66.93	N		20.99	E	10	G	0.8	4	SWEDEN. MD 2.9 (BER).
	08	16	26	06.5	6.355	S		147.850	E	61 •	4.9	1.1	25	EASTERN NEW GUINEA REG., P.N.G.
	08	16	50	36.1%	39.583	N		13.643	E	10	G	1.1	9	TYRRHENIAN SEA
	08	18	29	58.3	47.158	N		9.506	E	10	G	1.2	11	GERMANY. ML 2.1 (LDG).
	08	19	59	06.6•	41.298	N		19.755	E	5	G	0.9	12	ALBANIA. ML 2.4 (TIR), 2.1 (TTG).
	08	20	42	04.4	6.687	N		124.703	E	33	N 4.9	1.2	30	MINDANAO, PHILIPPINE ISLANDS
o	08	20	53	06.9	6.667	N		124.727	E	25	D 5.1 4.7	1.2	68	MINDANAO, PHILIPPINE ISLANDS. Felt (II RF) at Cagayan de Oro.
	08	22	29	09.8	42.026	N		19.839	E	10	G	0.5	11	NORTHWESTERN BALKAN REGION. ML 2.0 (TIR), 1.9 (TTG).
	08	23	07	11.2%	46.399	N		3.469	E	10	G	0.2	8	FRANCE. ML 1.6 (LDG).
	08	23	29	25.1	42.777	N		19.393	E	10	G	0.3	8	NORTHWESTERN BALKAN REGION. ML 1.3 (TTG).
o	09	00	20	56.1	18.347	S		69.401	W	124	D 5.4	1.1	185	NORTHERN CHILE
	09	00	50	07.3&	61.310	N		147.134	W	10			56	SOUTHERN ALASKA. <AEIC>. ML 2.8 (AEIC).
o	09	02	25	40.9	6.685	N		124.712	E	29	5.1 4.3	1.1	51	MINDANAO, PHILIPPINE ISLANDS. Felt (III RF) at Cagayan de Oro.
	09	02	36	32.9•	6.496	N		124.906	E	33	N 4.4	1.0	8	MINDANAO, PHILIPPINE ISLANDS
	09	02	40	00.4	51.773	S		159.720	E	10	G 5.0 4.9	1.1	47	NORTH OF MACQUARIE ISLAND
	09	03	18	33.6&	60.450	N		151.687	W	56			52	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.6 (AEIC).
	09	03	26	49.0	47.219	N		9.482	E	5	G	1.1	39	GERMANY. ML 3.0 (LDG), 2.8 (FUR), 2.9 (VIE).
	09	04	10	44.1?	33.61	S		72.01	W	33	N	0.6	8	OFF COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	09	05	26	11.2	38.913	N		29.190	E	10	G	0.8	10	TURKEY
	09	05	37	57.5	49.897	N		7.343	E	22		1.3	28	GERMANY. ML 3.4 (LDG), 3.0 (BNS), 3.0 (STR). MD 3.2 (UCC). Felt at Kirchberg.
	09	06	19	05.6	37.402	N		27.987	E	10	G	1.0	17	TURKEY
	09	06	27	32.0	32.620	N		47.563	E	44 •	4.9	1.0	106	IRAN-IRAQ BORDER REGION. Felt at Dehloran and Darreh-ye Shahr, Iran.
	09	06	58	17.5	47.161	N		9.529	E	5	G	1.2	10	GERMANY. ML 2.2 (VIE).
	09	07	23	44.8	34.503	N		84.774	E	10	G 4.6	1.0	28	XIJANG
	09	08	00	18.1%	44.559	N		7.476	E	10	G	0.4	8	NORTHERN ITALY. ML 1.6 (GEN).
	09	08	33	52.8?	28.07	S		72.18	W	5	G	1.2	5	OFF COAST OF CENTRAL CHILE
	09	08	43	47.7	24.267	S		66.923	W	177	4.5	1.0	51	SALTA PROVINCE, ARGENTINA
	09	08	46	41.2&	60.838	N		150.382	W	52			40	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.5 (AEIC).
	09	09	11	31.1%	39.398	N		27.814	E	10	G	0.8	8	TURKEY
	09	09	35	04.7	3.766	S		152.063	E	23	D 4.7 4.4	1.1	32	NEW IRELAND REGION, P.N.G.
	09	09	47	54.2&	59.776	N		153.389	W	118	2.9		72	SOUTHERN ALASKA. <AEIC>.
	09	11	13	03.4	47.242	N		9.501	E	5	G	1.2	52	GERMANY. ML 3.3 (VIE), 3.3 (LDG), 3.2 (GRF), 3.0 (FEL), 3.0 (FUR). MD 2.9 (LJU).
	09	11	15	36.4•	5.792	S		148.865	E	201 •		0.7	11	NEW BRITAIN REGION, P.N.G.
	09	12	05	18.5?	31.70	S		178.60	W	444 ?	3.6	1.1	24	KERMADEC ISLANDS REGION
	09	12	22	27.4•	33.096	N		137.120	E	388 •	4.0	0.4	12	NEAR S. COAST OF HONSHU, JAPAN
	09	12	59	27.8	23.620	N		93.890	E	60 •	4.3	1.2	20	MYANMAR-INDIA BORDER REGION
	09	13	19	24.7?	15.92	S		66.77	E	10	G 4.3	1.3	14	MID-INDIAN RIDGE
	09	14	31	32.4•	39.847	N		32.776	E	10	G	1.4	5	TURKEY
	09	17	24	12.3	3.911	S		141.009	E	79 •	4.9	0.8	23	NEW GUINEA, PAPUA NEW GUINEA
	09	17	25	27.3•	44.476	N		4.583	E	10	G	1.1	5	FRANCE. ML 2.5 (LDG).
	09	17	25	46.5	40.528	N		30.520	E	10	G	1.0	7	TURKEY. MG 2.6 (DDA).
	09	17	46	22.6?	34.14	S		71.97	W	33	N	0.3	6	NEAR COAST OF CENTRAL CHILE
	09	18	54	04.8	47.237	N		9.505	E	7		1.2	54	GERMANY. ML 3.3 (VIE), 3.2 (LDG), 3.1 (GRF), 3.0 (FUR), 2.9 (STR).
	09	19	32	47.3&	33.979	N		116.262	W	5			9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 2.9 (GS).
	09	20	02	55.5•	39.082	N		26.008	E	10	G	0.4	7	TURKEY
	09	21	15	00.9?	34.48	S		72.39	W	10	G	0.9	15	NEAR COAST OF CENTRAL CHILE. MD 4.3 (SAN).
	09	21	26	05.4•	50.442	N		18.846	E	10	G	0.6	6	POLAND. ML 3.3 (WAR).
	09	22	54	52.2•	1.964	N		127.920	E	33	N 4.7	0.9	12	HALMAHERA, INDONESIA
	09	23	28	52.0?	45.34	S		166.84	E	151 ?		0.9	20	OFF W. COAST OF S. ISLAND, N.Z.
	10	01	20	00.0•	35.058	N		26.746	E	33	N	0.5	5	CRETE. ML 4.0 (CSS).
	10	02	26	26.5&	33.978	N		116.259	W	6			7	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 3.0 (GS).
	10	02	31	48.7&	60.509	N		142.975	W	8			40	SOUTHERN ALASKA. <AEIC>. ML 3.0 (AEIC), 3.0 (PMR).
	10	02	36	35.8%	40.399	N		29.552	E	10	G	0.9	6	TURKEY
	10	02	38	29.9?	40.56	N		5.51	E	10	G	0.9	16	WESTERN MEDITERRANEAN SEA. ML 3.1 (LDG).
	10	03	21	23.9•	5.791	S		130.656	E	65 ?	4.5	1 2	10	BANDA SEA
	10	03	27	44.8	39.040	S		174.809	E	257 •		0.3	32	NORTH ISLAND, NEW ZEALAND
a	10	04	04	32.9	37.207	N		72.913	E	33	N 5.6 5.6	1.0	350	TAJIKISTAN. Mo=1.0•10••18 Nm (PPT).

	10	04 39 40.3&	62 864 N	151.050 W	99		2.6				69	CENTRAL ALASKA <AEIC>.
	10	05 28 01.2%	33.664 S	70.922 W	69	?				0.4	8	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	10	07 09 36.9	43.183 N	0.325 W	13					1.0	34	PYRENEES. ML 3.7 (LDG). mbLg 3.5 (MDD). Felt (IV) in the Ouzom and Ossau Valleys, France
	10	07 20 40.4%	38.684 S	175.150 E	255	•				0.3	27	NORTH ISLAND, NEW ZEALAND
	10	07 46 49.0	40.542 N	30.171 E	10	G				0.8	8	TURKEY. MG 2.6 (DDA).
	10	08 43 13.9•	40.033 N	20.013 E	10	G				0.4	6	GREECE-ALBANIA BORDER REGION. ML 2.7 (TIR).
	10	09 20 31.0•	38.437 N	27.154 E	10	G				0.5	5	TURKEY
	10	09 47 17.6•	37.236 N	73.233 E	33	N	4.0			1.5	13	TAJIKISTAN
	10	10 40 26.1&	59.951 N	152.256 W	93						40	SOUTHERN ALASKA. <AEIC>.
	10	11 17 59.2%	38.642 S	175.514 E	206	•				0.5	22	NORTH ISLAND, NEW ZEALAND
	10	11 52 26.1&	60.620 N	151.959 W	98						46	KENAI PENINSULA, ALASKA. <AEIC>.
	10	12 54 50.8	47.185 N	9.467 E	5	G				1.1	24	GERMANY. ML 2.8 (LDG), 2.7 (VIE), 2.4 (FUR).
	10	13 20 51.2?	36.42 N	72.39 E	33	N	4.0			1.0	8	AFGHANISTAN-TAJIKISTAN BORD REG.
	10	13 44 31.9	40.131 S	173.696 E	157	•	3.1			1.0	22	COOK STRAIT, NEW ZEALAND
	10	14 23 21.9?	19.10 S	174.38 W	189	?	4.0			1.3	9	TONGA ISLANDS
	10	14 37 30.1•	40.791 N	29.691 E	10	G				0.1	5	TURKEY
	10	14 40 08.1	47.149 N	9.502 E	5	G				0.7	8	GERMANY. ML 2.2 (VIE).
	10	14 42 41.8•	37.212 N	72 837 E	33	N	4.3			1.4	18	TAJIKISTAN
	10	14 44 27.8	37.160 N	72.772 E	33	N	4.5			0.9	17	TAJIKISTAN
	10	14 45 49.2	39.071 N	28.420 E	10	G				0.8	12	TURKEY. MG 2.9 (DDA).
	10	14 46 58.2	34.847 N	25.509 E	10	G	4.6			1.5	14	CRETE. ML 4.1 (ATH), 4.0 (CSS).
	10	16 44 25.3	1.291 S	145.986 E	68	•	4.9			1.1	31	ADMIRALTY ISLANDS REGION, P.N.G.
	10	16 55 33.2	17.669 S	178.973 W	549		5.4			0.9	52	FIJI ISLANDS REGION
	10	16 57 07.6	45.839 N	9.956 E	10	G				1.2	19	NORTHERN ITALY. ML 2.7 (LDG).
	10	17 38 12.8	37.041 N	73.165 E	33	N	4.6	4.0		1.1	48	TAJIKISTAN
	10	17 51 05.2&	33.930 N	116.315 W	5						7	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	10	17 58 04.1&	40.413 N	124.403 W	14		4.6	4.1			75	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 4.1 (BRK), 4.5 (GS). Felt (IV) at Carlotta, Eureka, Ferndale, Redcrest, Rio Dell, Scotia and Weott. Also felt at Blue Lake, McKinleyville and Samoa.
	10	19 23 55.7	44.192 N	12.114 E	21					1.1	40	NORTHERN ITALY. ML 3.2 (VIE), 3.1 (LDG). MD 3.2 (FIR).
	10	20 04 50.7?	37.05 N	72.88 E	33	N	4.1			1.1	9	TAJIKISTAN
	10	22 55 29.1	37.038 N	73.099 E	33	N	4.7	3.8		1.1	34	TAJIKISTAN
	10	23 57 06.4•	3.658 N	126.134 E	33	N	4.6			1.0	8	TALAUD ISLANDS, INDONESIA
	11	00 25 33.4•	16.227 N	95.203 W	46	•	4.1			1.6	15	OAXACA, MEXICO
	11	00 54 07.9	39.404 N	25.602 E	10	G				0.6	28	AEGEAN SEA. MD 3.8 (ATH).
	11	00 56 16.8&	33.976 N	116.261 W	5						6	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.6 (GS).
	11	01 25 03.7?	4.23 S	132.46 E	33	N	4.6			1.2	6	IRIAN JAYA REGION, INDONESIA
	11	01 25 35.7%	16.413 N	95.055 W	33	N				1.5	10	OAXACA, MEXICO
	11	01 26 43.1?	17.08 N	60.49 W	33	N				0.6	8	LEEWARD ISLANDS. MD 3.2 (TRN).
	11	01 42 41.2&	41.875 N	125.918 W	10	G	2.8				17	OFF COAST OF NORTHERN CALIFORNIA. <SEA>.
	11	02 26 09.9&	40.433 N	124.397 W	2		3.2				12	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.3 (BRK), 3.1 (GS).
	11	02 49 23.5&	40.293 N	124.493 W	21						13	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.2 (BRK), 3.3 (GS).
	11	05 35 45.2	41.759 N	20.908 E	10	G				1.1	19	ALBANIA. MD 3.2 (TTG). ML 3.1 (SKO), 2.6 (TIR). Felt (IV) at Gostivar, Yugoslavia.
	11	05 46 48.3	43.115 N	0.602 W	10	G				0.2	10	PYRENEES. ML 2.7 (LDG).
	11	06 19 30.4?	48.11 N	152.28 E	33	N	4.2			1.4	11	KURIL ISLANDS
	11	06 42 30.6&	36.820 N	89.000 W	5	G					17	NEW MADRID, MISSOURI REGION. <SLM-P>. MD 2.6 (SLM).
	11	07 08 56.5?	37.86 S	179.61 E	33	N	3.5			1.7	8	OFF E. COAST OF N. ISLAND, N.Z. ML 3.8 (WEL).
	11	07 42 22.6&	60.110 N	152.491 W	92						56	SOUTHERN ALASKA. <AEIC>.
	11	07 51 07.9%	39.239 N	27.708 E	10	G				0.3	5	TURKEY
	11	07 58 53.3•	38.775 N	22.337 E	10	G				1.5	8	GREECE. MD 3.4 (ATH).
	11	08 02 26.0%	42.786 N	19.143 E	10	G				0.2	9	NORTHWESTERN BALKAN REGION. MD 1.5 (TTG).
	11	08 29 41.0?	39.83 N	32.76 E	10	G				1.5	6	TURKEY. MG 2.7 (DDA).
	11	08 54 04.7%	39.083 N	27.578 E	10	G				0.1	6	TURKEY
	11	09 18 55.2%	39.087 N	27.620 E	10	G				0.5	6	TURKEY
	11	09 50 51.2?	36.72 S	177.32 E	244	?	3.5			0.4	11	OFF E. COAST OF N. ISLAND, N.Z.
	11	09 59 25.8?	29.09 S	177.59 W	77	•	4.4			1.3	10	KERMADEC ISLANDS, NEW ZEALAND. Felt on Raoul Island.
a	11	10 07 50.8	36.469 N	140.524 E	59	D	5.2			1.0	208	NEAR EAST COAST OF HONSHU, JAPAN. Felt (IV JMA) at Mito; (III JMA) at Fukushima; (II JMA) at Chiba, Kofu, Tokyo and Yokohama; (I JMA) at Kumagaya, Maebashi, Sendai and Shizuoka.
	11	10 13 32.2?	10.50 N	60.90 W	33	N				0.9	5	TRINIDAD. MD 2.6 (TRN).
	11	10 16 15.7&	40.268 N	124.465 W	6						6	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.1 (BRK), 3.1 (GS).
	11	11 23 41.4•	36.794 N	73.487 E	33	N	4.7	4.1		1.5	30	NORTHWESTERN KASHMIR
	11	11 45 11.4?	20.90 S	67.81 W	205	•	3.4			0.4	6	SOUTHERN BOLIVIA
	11	12 59 42.9•	38.712 N	119.598 W	5	G				0.6	5	CALIFORNIA-NEVADA BORDER REGION. ML 2.7 (GS). MD 2.8 (GM).
	11	13 38 35.1	38.230 N	28.858 E	10	G				0.9	6	TURKEY
	11	13 45 56.7	43.974 N	12.945 E	10	G				0.8	13	CENTRAL ITALY
	11	14 45 39.3%	17.378 N	100.392 W	33	N				1.4	7	GUERRERO, MEXICO
	11	15 00 28.3&	36.662 N	121.317 W	5						14	CENTRAL CALIFORNIA. <BRK>. ML 2.5 (BRK), 2.6 (GS).
	11	15 29 20.6&	62.041 N	150.010 W	43						56	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC).
	11	15 57 46.5?	38.71 N	119.60 W	5	G				1.0	4	CALIFORNIA-NEVADA BORDER REGION. ML 2.6 (GS). MD 2.8 (GM).
	11	16 00 45.1•	38.712 N	119.580 W	5	G				0.8	5	CALIFORNIA-NEVADA BORDER REGION. ML 3.0 (GS). MD 3.1 (GM).
	11	16 58 04.2?	38.99 N	25.81 E	10	G				0.6	5	AEGEAN SEA
	11	18 12 00.5	61.189 N	7.435 E	10	G				0.4	9	SOUTHERN NORWAY. MD 2.1 (BER).
	11	19 01 53.1&	38.565 N	122.277 W	6						7	NORTHERN CALIFORNIA. <BRK>. ML 2.7 (BRK).
	11	19 32 23.7•	39.990 N	19.680 E	10	G				0.9	7	GREECE-ALBANIA BORDER REGION. ML 2.9 (TIR).
	11	19 43 06.9	38.168 S	175.629 E	249	•				0.4	28	NORTH ISLAND, NEW ZEALAND
	11	20 27 53.3•	38.713 N	119.599 W	5	G				0.2	5	CALIFORNIA-NEVADA BORDER REGION. ML 2.6 (GS). MD 2.8 (GM).
	11	20 43 47.2	51.269 S	160.348 E	33	N	4.7			1.2	23	NORTH OF MACQUARIE ISLAND
	11	20 57 48.2•	8.377 S	158.924 E	118	?	4.8			1.3	22	SOLOMON ISLANDS
	11	22 55 20.3&	36.882 N	121.643 W	9						14	CENTRAL CALIFORNIA. <BRK>. ML 2.5 (BRK).
	11	23 20 41.2%	42.913 N	19.059 E	10	G				0.5	8	NORTHWESTERN BALKAN REGION. ML 1.3 (TTG).
	11	23 37 55.9?	23.53 S	176.38 W	243	?	4.5			1.3	19	SOUTH OF FIJI ISLANDS

	12	00 11 34.1%	42.377	N	19.234	E	10	G			0.7	9	NORTHWESTERN BALKAN REGION. MD 2.0 (TTG).
	12	00 17 00.9?	39.20	N	29.29	E	10	G			0.8	5	TURKEY
	12	00 30 42.4?	43.31	N	20.06	E	10	G			0.5	8	NORTHWESTERN BALKAN REGION. ML 1.6 (TTG).
	12	00 46 31.4	41.388	N	20.285	E	10	G			0.9	15	ALBANIA. ML 3.0 (SKO), 2.9 (TIR), 2.7 (TTG).
	12	00 49 43.5	41.410	N	20.309	E	10	G			0.7	14	ALBANIA. ML 2.6 (TIR), 2.6 (SKO), 2.3 (TTG).
	12	00 52 26.6%	42.386	N	19.248	E	10	G			0.7	8	NORTHWESTERN BALKAN REGION. ML 1.4 (TTG).
	12	01 29 06.8	13.782	N	60.894	W	10	G			0.4	8	WINDWARD ISLANDS. ML 2.3 (FDF). MD 2.1 (TRN).
	12	02 19 37.6	60.921	N	149.202	W	20				0.8	53	KENAI PENINSULA, ALASKA. ML 2.3 (GS).
	12	02 31 11.0&	33.982	N	116.260	W	7					23	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.0 (GS). Felt. This is a double event about 17 seconds apart. Hypocenter is for the first event and magnitude for the second and larger event.
	12	02 32 52.5&	33.985	N	116.258	W	5					3	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.9 (PAS).
	12	02 57 24.8*	51.887	N	16.742	E	10	G	3.6		0.5	12	POLAND. ML 3.7 (GRF), 3.5 (VIE).
	12	02 59 21.8&	33.980	N	116.258	W	5					13	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS).
a	12	03 39 30.9&	59.691	N	153.482	W	139		5.1			252	SOUTHERN ALASKA. <AEIC>. Felt (IV) at Anchor Point, Homer, Kenai and Ninilchik; (III) at Eagle River, Kodiak and Seward. Also felt at Anchorage, Palmer, Seldavia, Soldotna and Valdez.
	12	03 39 50.5?	7.20	S	155.87	E	166	?	4.7		1.4	12	SOLOMON ISLANDS
	12	04 13 37.5&	40.372	N	124.450	W	15					9	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.0 (BRK).
	12	04 30 38.2*	26.185	N	44.778	W	10	G	4.6		1.0	12	NORTHERN MID-ATLANTIC RIDGE
	12	04 56 51.1	17.393	N	61.555	W	33	N			0.4	12	LEEWARD ISLANDS. ML 3.2 (FDF). MD 3.0 (TRN).
	12	05 06 23.8%	44.350	N	7.319	E	10	G			0.4	7	NORTHERN ITALY. ML 2.0 (GEN).
	12	06 07 06.6*	23.925	N	109.046	W	10	G	4.1		1.2	27	BAJA CALIFORNIA, MEXICO
	12	06 08 14.8	23.906	N	108.816	W	10	G	4.6		1.0	51	GULF OF CALIFORNIA
	12	06 12 49.2&	38.727	N	119.628	W	11					20	CALIFORNIA-NEVADA BORDER REGION. <BRK>. ML 3.3 (BRK), 3.6 (GS). Felt in the Lake Tahoe area.
	12	06 21 54.3	38.734	N	119.605	W	5	G			0.7	6	CALIFORNIA-NEVADA BORDER REGION. ML 2.6 (GS). MD 2.8 (GM).
	12	06 32 28.7*	23.823	N	108.873	W	10	G	4.2		1.1	28	GULF OF CALIFORNIA
	12	07 08 18.5%	42.385	N	19.266	E	10	G			0.2	8	NORTHWESTERN BALKAN REGION. ML 1.7 (TTG).
	12	07 13 43.0%	18.201	N	67.087	W	28	*			0.4	6	MONA PASSAGE
	12	07 32 32.3%	39.980	N	28.128	E	10	G			0.6	12	TURKEY
	12	07 36 55.0&	59.692	N	153.437	W	132					63	SOUTHERN ALASKA. <AEIC>.
	12	07 46 29.4	38.750	N	119.607	W	5	G			1.0	6	CALIFORNIA-NEVADA BORDER REGION. ML 2.5 (GS). MD 2.6 (GM).
	12	07 59 02.3	32.031	S	68.466	W	42		4.6		1.0	24	MENDOZA PROVINCE, ARGENTINA. MD 4.7 (SAN). Felt (III) at San Juan.
	12	08 00 32.3	38.718	N	22.434	E	11				1.1	17	GREECE. MD 3.7 (TIR), 3.6 (ATH).
	12	08 12 36.0?	39.30	N	29.70	E	10	G			0.6	4	TURKEY
	12	08 25 23.6?	35.74	N	70.07	E	33	N	3.9		1.5	9	HINDU KUSH REGION, AFGHANISTAN
	12	08 36 39.9?	5.89	N	82.05	W	33	N	4.4		0.6	13	SOUTH OF PANAMA
	12	08 41 44.6&	33.979	N	116.262	W	6					10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
	12	09 10 23.3?	37.79	N	27.40	E	10	G			0.5	4	TURKEY
	12	09 22 37.7&	60.174	N	153.348	W	146		3.0			74	SOUTHERN ALASKA. <AEIC>.
	12	10 38 51.3	38.718	N	119.583	W	5	G			0.6	6	CALIFORNIA-NEVADA BORDER REGION. ML 2.9 (GS). MD 3.0 (GM).
	12	11 54 15.0	39.994	N	20.365	E	10	G			1.1	7	GREECE-ALBANIA BORDER REGION. MD 3.0 (ATH).
	12	11 58 09.7?	39.69	N	20.69	E	10	G			1.6	6	GREECE-ALBANIA BORDER REGION. ML 2.8 (TIR).
	12	12 11 23.7&	61.050	N	150.302	W	35					68	SOUTHERN ALASKA. <AEIC>. ML 3.3 (AEIC), 3.3 (PMR).
	12	12 17 18.9&	40.283	N	124.650	W	3					17	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.6 (BRK), 3.7 (GS). Felt at Eureka.
	12	13 07 41.5	41.754	N	20.940	E	10	G			1.1	19	ALBANIA. ML 3.2 (SKO), 3.1 (TTG), 2.8 (TIR).
	12	13 17 45.7*	38.728	N	22.422	E	10	G	3.8		1.2	7	GREECE. MD 3.2 (ATH).
	12	13 50 01.0?	34.06	S	71.23	W	64	?			0.2	8	NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	12	14 05 20.5?	31.60	S	70.04	W	130	G			0.7	8	CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
	12	14 12 03.6?	34.88	N	26.70	E	33	N			1.0	6	CRETE. MD 4.0 (ATH).
	12	14 43 13.6	38.706	N	119.572	W	5	G			0.5	6	CALIFORNIA-NEVADA BORDER REGION. ML 3.1 (GS). MD 3.1 (GM).
	12	14 45 15.0*	38.692	N	119.684	W	5	G			0.8	5	CALIFORNIA-NEVADA BORDER REGION. ML 2.9 (GS).
	12	14 46 39.2	38.762	N	119.607	W	5	G			0.7	6	CALIFORNIA-NEVADA BORDER REGION. ML 3.1 (GS). MD 3.0 (GM).
o	12	14 47 44.5*	23.741	S	175.931	W	48	?	5.3	5.4	1.4	63	TONGA ISLANDS REGION
	12	14 50 23.3&	40.367	N	124.593	W	4					6	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.0 (BRK).
	12	15 14 14.7&	34.309	N	118.536	W	6					17	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	12	15 17 03.3?	4.46	N	76.79	W	33	N			0.9	6	COLOMBIA
o	12	15 46 56.0	9.525	S	78.748	W	63	D	5.7		1.0	285	NEAR COAST OF NORTHERN PERU. Felt (V) at Chimbote and Trujillo; (IV) at Huoroz; (II) at Limo.
	12	15 47 22.2&	38.727	N	119.620	W	11					21	CALIFORNIA-NEVADA BORDER REGION. <BRK>. ML 3.5 (BRK), 3.6 (GS).
	12	15 51 45.9&	58.961	N	154.606	W	123		3.1			45	ALASKA PENINSULA. <AEIC>.
	12	15 57 19.9%	40.789	N	30.227	E	10	G			1.0	8	TURKEY
	12	17 37 53.0	38.702	N	119.595	W	5	G			0.4	6	CALIFORNIA-NEVADA BORDER REGION. ML 2.7 (GS). MD 2.7 (GM).
	12	17 55 02.1*	22.647	N	123.001	E	10	G	3.8		1.0	10	SOUTHEAST OF TAIWAN
f	12	18 05 42.6	16.524	S	172.367	W	15	G	6.4	6.8	1.1	583	SAMOA ISLANDS REGION. Ms 7.0 (BRK). Mo=2.0*10**19 Nm (PPT). Felt in American Samoa and Western Samoa. Two events about 1.6 seconds apart. Depth from broadband displacement seismograms, based on first event.
	12	18 11 11.1	43.327	N	17.491	E	10	G			1.2	17	NORTHWESTERN BALKAN REGION. MD 3.3 (LJU), 3.0 (TTG).
	12	18 19 33.1*	24.956	S	179.766	E	537	?	5.3		1.2	67	SOUTH OF FIJI ISLANDS
	12	18 55 46.7&	36.004	N	117.892	W	3					14	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 3.1 (PAS).
	12	19 21 38.0&	65.236	N	150.941	W	13					22	NORTHERN ALASKA. <AEIC>. ML 2.7 (AEIC).
	12	19 43 40.0*	29.183	N	98.439	E	33	N	4.1		0.7	8	XIJANG
	12	20 22 37.9	7.455	S	127.966	E	142	D	5.1		0.8	40	BANDA SEA
	12	20 26 41.1	44.250	N	12.266	E	10	G			1.3	24	NORTHERN ITALY. ML 2.9 (LDG), 2.7 (VIE).
	12	21 26 12.7?	50.74	N	5.94	E	10	G			0.1	4	BELGIUM
	12	21 29 14.6?	7.35	N	126.58	E	33	N	4.2		1.6	9	MINDANAO, PHILIPPINE ISLANDS
	12	21 38 53.3&	63.100	N	150.522	W	118					59	CENTRAL ALASKA. <AEIC>.
	12	22 57 10.4&	54.069	N	156.317	W	69		4.0			57	SOUTH OF ALASKA. <AEIC>. ML 4.0 (AEIC).
	12	23 18 05.1	35.265	N	2.484	W	10	G	3.7		1.0	48	STRAIT OF GIBRALTAR. MD 4.2 (RBA). mbLg 3.8 (MDD). Felt (IV) on the Chaforinas Islands, Spain.

	12	23	27	27.3?	51.38	N	15.98	E	10	G		0	7	8	POLAND. ML 3.2 (GRF), 3.1 (VIE).
	12	23	37	30.4&	41.752	N	126.097	W	4		3.5			95	OFF COAST OF NORTHERN CALIFORNIA. <BRK>. ML 3.7 (BRK).
	12	23	38	48.2	40.846	N	35.934	E	10	G	4.5	1.1		73	TURKEY. Felt at Havza.
	13	00	36	12.6?	28.03	S	176.04	W	33	N	4.8	0.7		5	KERMADEC ISLANDS REGION
	13	00	48	07.7•	7.410	N	127.179	E	33	N	4.4	1.5		12	PHILIPPINE ISLANDS REGION
	13	00	49	59.3&	59.724	N	153.395	W	128					41	SOUTHERN ALASKA. <AEIC>.
	13	01	07	06.6&	33.982	N	116.264	W	8					5	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS).
	13	01	53	42.2•	18.337	N	147.716	E	33	N	4.2	1.3		8	MARIANA ISLANDS REGION
	13	01	59	44.8•	32.219	S	69.985	W	128	?		0.4		14	MENDOZA PROVINCE, ARGENTINA. MD 3.9 (SAN).
	13	02	41	47.2•	7.444	N	127.165	E	33	N	4.2	1.6		11	PHILIPPINE ISLANDS REGION
	13	03	09	51.5	41.895	N	19.773	E	8			1.1		18	ALBANIA. ML 2.9 (TIR). MD 2.8 (TTG).
	13	03	22	48.6	21.129	S	68.373	W	127		4.9	1.2		69	CHILE-BOLIVIA BORDER REGION
	13	04	51	42.1•	30.811	S	68.585	W	33	N		1.3		6	SAN JUAN PROVINCE, ARGENTINA
	13	05	44	20.7	39.253	N	20.669	E	10	G		0.6		9	GREECE-ALBANIA BORDER REGION. ML 3.0 (TIR).
	13	05	54	53.3&	60.441	N	151.604	W	60					49	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.6 (AEIC). Felt (III) at Clam Gulch.
	13	06	32	14.5%	15.668	N	60.901	W	33	N		0.1		6	LEEWARD ISLANDS. ML 2.3 (FDF).
	13	06	36	18.0&	60.017	N	150.853	W	39					39	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.5 (AEIC).
	13	07	07	24.4?	45.23	N	148.56	E	33	N	3.5	1.3		5	KURIL ISLANDS
	13	07	55	30.7%	39.698	N	29.451	E	10	G		0.3		5	TURKEY
	13	08	28	47.0?	32.83	S	178.73	W	33	N	4.9	1.7		9	SOUTH OF KERMADEC ISLANDS
	13	09	39	33.7•	51.269	N	15.719	E	10	G		1.7		7	POLAND. MG 3.0 (WAR).
	13	10	57	58.0?	43.70	N	19.58	E	10	G		0.4		9	NORTHWESTERN BALKAN REGION. ML 2.2 (TTG).
	13	10	59	16.2?	48.78	S	121.39	E	10	G	4.3	1.7		10	SOUTH OF AUSTRALIA
	13	11	14	16.9	43.388	N	5.424	E	10	G		1.2		17	NEAR SOUTH COAST OF FRANCE. ML 2.0 (STR).
	13	11	16	06.4•	26.527	S	67.780	E	10	G	4.8	1.0		17	SOUTH INDIAN OCEAN
	13	11	59	09.6?	51.27	N	15.93	E	10	G		0.4		5	POLAND. MG 2.7 (WAR).
	13	12	06	29.6%	44.976	S	167.491	E	158	?		0.6		14	SOUTH ISLAND, NEW ZEALAND
	13	12	46	14.7&	62.171	N	151.110	W	74					54	CENTRAL ALASKA <AEIC>.
	13	15	53	56.0&	58.932	N	152.046	W	71					45	KODIAK ISLAND REGION. <AEIC>.
	13	16	48	16.1•	14.998	S	167.268	E	170	?	5.0	1.3		52	VANUATU ISLANDS
	13	17	42	52.4•	10.618	S	125.448	E	33	N	4.9	1.4		11	TIMOR SEA
o	13	18	26	38.3	23.863	S	175.944	W	33	N	5.5 5.4	1.2		111	TONGA ISLANDS REGION. Ma=5.0•10••17 Nm (PPT).
	13	18	41	59.5•	5.471	S	131.502	E	33	N	5.0	1.1		13	BANDA SEA
	13	18	50	52.5	15.523	N	147.802	E	33	N	4.1	0.6		14	MARIANA ISLANDS REGION
	13	19	25	14.2•	6.081	S	128.737	E	322	?	4.5	0.9		20	BANDA SEA
	13	19	49	27.3•	29.620	N	52.036	E	33	N	4.1	1.6		17	SOUTHERN IRAN. Felt at Shiraz.
	13	20	07	38.6•	19.548	S	176.861	W	344	•	4.5	1.2		24	FIJI ISLANDS REGION
	13	20	31	55.0?	38.78	N	119.65	W	5	G		1.3		4	CALIFORNIA-NEVADA BORDER REGION. ML 2.2 (GS). MD 2.5 (GM).
	13	20	40	54.7?	44.42	N	7.24	E	5	G		0.2		4	NORTHERN ITALY. ML 1.4 (GEN).
	13	21	25	29.6%	16.609	N	99.070	W	33	N		0.7		7	NEAR COAST OF GUERRERO, MEXICO
	13	21	59	30.0?	39.44	N	0.90	W	10	G		1.4		4	SPAIN. mbLg 2.6 (MDD).
	13	22	24	14.8?	31.12	S	68.37	W	83	?		0.2		6	SAN JUAN PROVINCE, ARGENTINA
	13	22	31	07.2	34.286	N	138.968	E	34	•	4.5 4.3	1.0		52	NEAR S. COAST OF HONSHU, JAPAN
	13	22	42	34.7	43.023	N	16.984	E	10	G		1.3		13	NORTHWESTERN BALKAN REGION. ML 2.4 (TTG).
	13	22	48	36.6•	27.632	S	26.211	E	5	G		1.3		5	REPUBLIC OF SOUTH AFRICA. mbLg 3.7 (BUL).
	13	23	24	30.3%	42.607	N	13.008	E	10	G		0.9		9	CENTRAL ITALY
	13	23	58	09.1%	42.608	N	13.022	E	10	G		0.9		9	CENTRAL ITALY
	14	01	01	04.7•	38.731	N	119.592	W	5	G		1.1		5	CALIFORNIA-NEVADA BORDER REGION. ML 2.2 (GS). MD 2.5 (GM).
	14	01	15	38.1%	42.605	N	13.051	E	10	G		0.5		5	CENTRAL ITALY
	14	01	25	05.6	45.998	N	14.191	E	10	G		0.6		10	NORTHWESTERN BALKAN REGION. MD 2.8 (LJU). ML 2.5 (VIE). Felt (IV) at Vrzdenec, Slovenia.
	14	01	32	32.7?	32.51	S	122.47	E	33	N		1.1		6	WESTERN AUSTRALIA
	14	01	56	19.5%	40.619	N	29.051	E	10	G		0.5		5	TURKEY
	14	02	04	33.4&	33.991	N	116.327	W	1					4	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS), 2.6 (GS).
	14	02	14	16.6•	45.985	N	6.672	E	10	G		1.0		7	FRANCE. ML 2.0 (STR), 2.0 (LDG).
	14	02	18	43.4?	33.25	S	72.14	W	12			0.4		8	OFF COAST OF CENTRAL CHILE. MD 3.8 (SAN).
	14	02	25	48.5?	33.29	S	71.99	W	27			0.6		10	NEAR COAST OF CENTRAL CHILE. MD 4.1 (SAN).
	14	02	34	51.6?	43.14	N	12.90	E	10	G		1.1		4	CENTRAL ITALY
	14	03	11	12.8%	44.755	N	6.795	E	5	G		0.3		7	FRANCE. ML 1.9 (GEN).
	14	03	15	07.3•	51.053	N	175.665	W	33	N	4.1	1.2		19	ANDREANOF ISLANDS, ALEUTIAN IS. Felt on Adak.
	14	03	35	35.2	51.982	N	160.285	E	40	D	4.6 4.3	1.0		48	OFF EAST COAST OF KAMCHATKA
	14	04	22	11.7•	67.712	N	162.389	W	10	G	2.9	1.3		10	NORTHERN ALASKA. ML 3.2 (GS).
	14	04	51	33.6&	59.002	N	154.025	W	107		2.9			64	SOUTHERN ALASKA. <AEIC>.
	14	05	19	41.2•	26.690	S	67.763	E	10	G	4.9	1.1		25	SOUTH INDIAN OCEAN
	14	05	37	54.0?	26.66	S	67.80	E	10	G	4.9	1.0		11	SOUTH INDIAN OCEAN
	14	06	09	39.4	32.510	S	70.735	W	87	•		0.7		16	CHILE-ARGENTINA BORDER REGION. MD 4.2 (SAN).
	14	06	25	49.4&	32.899	N	115.690	W	6	G				5	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. MD 3.1 (PAS).
	14	06	58	17.8&	34.004	N	116.324	W	6					8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	14	08	13	37.2?	33.14	S	178.29	W	83	?	4.7	1.5		15	SOUTH OF KERMADEC ISLANDS
	14	08	21	55.6?	8.06	S	146.36	E	33	N	4.1	1.2		5	EASTERN NEW GUINEA REG., P.N.G. ML 3.5 (PMG).
	14	08	30	12.0%	39.331	N	29.178	E	10	G		0.9		5	TURKEY
	14	08	51	17.6?	36.08	N	70.94	E	116	?	4.1	1.5		12	HINDU KUSH REGION, AFGHANISTAN
	14	09	44	04.2	33.075	S	70.410	W	92	?		0.3		11	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
	14	10	40	48.1&	57.557	N	143.079	W	10	G				37	GULF OF ALASKA. <AEIC>. ML 2.9 (AEIC).
	14	11	02	10.6?	31.16	S	68.59	W	100	G		0.8		5	SAN JUAN PROVINCE, ARGENTINA
	14	11	43	42.0•	39.619	N	29.951	E	10	G		1.4		8	TURKEY
	14	11	46	32.3%	16.810	N	99.556	W	10	G		0.8		6	NEAR COAST OF GUERRERO, MEXICO
	14	11	58	38.5	9.076	S	157.322	E	22	D	4.8	1.2		23	SOLOMON ISLANDS
	14	12	17	53.8?	13.72	S	112.58	W	10	G	4.3 4.5	1.2		24	CENTRAL EAST PACIFIC RISE
	14	12	42	24.2?	32.71	S	177.25	W	33	N	5.0	1.5		15	SOUTH OF KERMADEC ISLANDS
	14	13	00	05.6?	32.86	S	178.49	W	33	N	4.8	1.6		12	SOUTH OF KERMADEC ISLANDS
	14	14	31	56.0	44.436	N	7.418	E	5	G		0.5		15	NORTHERN ITALY. ML 2.4 (LDG), 1.9 (GEN).
	14	14	33	05.2•	40.908	N	40.380	E	10	G	3.6	0.6		5	TURKEY. Felt at Rize and Trabzon.
	14	15	00	55.0	35.199	N	2.439	W	10	G	3.9	1.0		41	STRAIT OF GIBRALTAR. MD 4.3 (RBA). mbLg 3.9 (MDD). Felt (III) on the Chafarinas Islands, Spain.
	14	15	34	08.2?	44.30	N	7.47	E	10	G		0.0		4	NORTHERN ITALY. ML 1.4 (GEN).
	14	15	48	10.6	35.268	N	2.423	W	10	G	3.8	1.0		31	STRAIT OF GIBRALTAR. MD 4.2 (RBA). mbLg 3.7 (MDD). Felt (III) on the Chafarinas Islands, Spain.
	14	16	14	38.7	38.682	N	21.000	E	10	G	3.7	1.0		22	GREECE. ML 3.6 (TIR). MD 3.6 (ATH).

	14	16 30 21 8?	16.13	N	61.38	W	10	G			0 2	4	LEEWARD ISLANDS. ML 2.4 (FDF).
	14	16 33 26.3	38.654	N	21.043	E	10	G			0.7	6	GREECE. MD 3.3 (ATH).
	14	17 24 19.6%	40.270	N	29.153	E	10	G			0.7	6	TURKEY
	14	17 28 18.5	21 483	S	179.077	W	623		5.2		1.0	126	FIJI ISLANDS REGION
	14	17 45 15.5?	14.73	N	60.91	W	10	G			0.1	4	WINDWARD ISLANDS. ML 2.5 (FDF).
	14	18 01 16.0	43.956	N	11.300	E	10	G			0.9	25	CENTRAL ITALY. MD 3.0 (FIR). ML 2.7 (LDG).
	14	18 10 42 6%	59.031	N	5.924	E	10	G			0 4	5	SOUTHERN NORWAY. MD 1.7 (BER).
	14	18 19 11.1?	7.38	S	113.02	E	33	N	4.7		0.9	12	JAWA, INDONESIA
	14	18 33 09.6?	50.28	N	176.56	W	33	N	3.9		0.9	4	ANDREANOF ISLANDS, ALEUTIAN IS.
	14	18 40 12.4?	50.31	N	176.04	W	33	N	4.1		0.6	6	ANDREANOF ISLANDS, ALEUTIAN IS.
	14	19 22 42.5?	16.35	N	94.82	W	139	?			0.9	5	OAXACA, MEXICO
	14	20 18 39.3?	31.73	S	177.01	W	33	N	4.6		1.3	11	KERMADEC ISLANDS REGION
	14	21 30 13.4•	36.849	N	72.762	E	33	N	4.0		1.0	10	AFGHANISTAN-TAJIKISTAN BORD REG.
	14	21 33 51.7	47.369	N	11.754	E	10	G			0.5	7	AUSTRIA. ML 2.3 (FUR), 2.0 (VIE). Felt (IV) at Stams.
	14	21 57 34.8	36.603	N	29.481	E	10	G			1.0	15	TURKEY
	14	22 42 03.6	46.046	N	14.653	E	10	G			0.5	6	NORTHWESTERN BALKAN REGION. MD 2.5 (LJU). ML 2.0 (VIE).
	14	23 28 31.7	45.655	N	151.535	E	27	D	4.9	4.4	0.8	96	KURIL ISLANDS
	14	23 33 16.7?	40.38	N	124.34	W	15	G			0.6	5	NEAR COAST OF NORTHERN CALIF. ML 3.1 (GS), 2.9 (BRK). Felt at Eureka.
	15	00 40 47.4%	44.594	N	7.270	E	10	G			0.4	6	NORTHERN ITALY. ML 1.9 (GEN).
	15	00 43 42.6	47.262	N	9.487	E	5	G			1.3	117	GERMANY. ML 4.4 (VIE), 4.3 (GRF), 4.2 (LDG), 4.0 (FUR), 4.0 (BNS). MD 4.0 (STR). Felt (IV) at Feldkirch, Austria.
	15	01 17 01.0	36.874	N	22.139	E	61	•	3.6		0.6	15	SOUTHERN GREECE
	15	01 36 50.3&	33.951	N	116.317	W	8					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
	15	01 43 40.8%	33.277	S	71.470	W	44	?			0.3	9	NEAR COAST OF CENTRAL CHILE. MD 3.5 (SAN).
	15	02 44 01.8?	34.77	S	70.97	W	100	G			0.1	9	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
	15	03 08 24.7?	36.88	N	24.50	E	33	N			0.4	4	SOUTHERN GREECE. MD 3.6 (ATH).
	15	03 46 57.0%	44.749	N	7.594	E	10	G			0.7	8	NORTHERN ITALY. ML 2.0 (GEN).
	15	03 49 05.6?	7.28	N	127.14	E	33	N	4.2		0.1	6	PHILIPPINE ISLANDS REGION
	15	03 51 14.2	42.190	S	172.331	E	106	•			0.8	25	SOUTH ISLAND, NEW ZEALAND
	15	04 09 16.5	21.571	S	68.429	W	129	D	4.8		0.9	26	CHILE-BOLIVIA BORDER REGION
	15	04 24 24.2•	32.865	S	178.603	W	33	N	4.7		1.6	13	SOUTH OF KERMADEC ISLANDS
	15	05 15 29.7&	33.988	N	116.284	W	3					7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.7 (GS).
	15	05 22 26.7	52.016	N	160.284	E	40	D	4.8	4.5	1.0	94	OFF EAST COAST OF KAMCHATKA
	15	05 31 36.7	55.137	N	161.551	E	49	D	4.6	4.2	0.9	51	NEAR EAST COAST OF KAMCHATKA
o	15	05 36 08.6•	32.896	S	177.879	W	33	N	5.1	5.3	1.6	36	SOUTH OF KERMADEC ISLANDS. Mo=6.3•10••17 Nm (PPT).
	15	05 39 44.1•	32.872	S	178.593	W	33	N	5.3		1.5	11	SOUTH OF KERMADEC ISLANDS
	15	05 49 17.7	51.991	N	160.242	E	43	D	4.9	4.9	1.2	59	OFF EAST COAST OF KAMCHATKA
	15	05 57 00.6•	36.007	N	73.192	E	33	N	4.2	4.3	0.2	5	NORTHWESTERN KASHMIR
	15	06 00 58.3•	32.770	S	177.065	W	33	N	5.4		1.1	20	SOUTH OF KERMADEC ISLANDS
	15	06 02 23.0&	60.282	N	152.464	W	109					60	SOUTHERN ALASKA. <AEIC>.
	15	06 49 01.9	37.718	N	27.701	E	10	G	4.2		1.5	56	TURKEY. MD 4.4 (ATH). Felt strongly in Aydin. Also felt in Denizli, Monisa, Mugla, Izmir and Usak.
f	15	07 05 05.3	6.075	S	147.572	E	58	G	6.2		1.1	420	EASTERN NEW GUINEA REG., P.N.G. Ms 7.1 (BRK). Mo=6.3•10••19 Nm (PPT). Slight damage at Loe. Two events about 3.4 seconds apart. Depth 58 and 57.3 Km, respectively, from broadband displacement seismograms.
	15	07 41 48.7•	6.166	S	147.271	E	33	N	4.8		1.1	15	EASTERN NEW GUINEA REG., P.N.G. ML 4.8 (PMG).
	15	07 48 46.2?	5.00	S	147.82	E	33	N	4.9		1.6	6	EASTERN NEW GUINEA REG., P.N.G. ML 4.8 (PMG).
	15	08 07 45.2•	6.098	S	147.206	E	33	N	4.7		0.9	12	EASTERN NEW GUINEA REG., P.N.G.
o	15	08 08 02.9	41.019	N	72.429	E	50	•	5.7	6.2	1.0	406	KYRGYZSTAN. Three people killed, 5,500 houses completely destroyed and more than 4,000 houses damaged (VII) in the Osh area. Felt (VI) at Andizhan, (V) at Fergana, (IV) at Namangan and (III) at Tashkent, Uzbekiston. Also felt (III) at Dzhambul and (II) at Chimkent and Alma-Ata, Kazakhstan. Londslides reported at Karasu and Uzgen.
	15	08 22 30.1?	40.59	N	72.28	E	33	N	4.3		0.5	7	KYRGYZSTAN
	15	08 35 08.2	16.878	N	99.931	W	26	D	4.2		1.2	42	NEAR COAST OF GUERRERO, MEXICO. Felt at Acapulco.
	15	09 19 14.4?	6.26	S	147.54	E	33	N	3.9		1.5	5	EASTERN NEW GUINEA REG., P.N.G. ML 3.8 (PMG).
	15	09 24 03.9&	33.988	N	116.284	W	4					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.9 (GS).
	15	09 36 00.9?	29.67	S	177.13	W	459	?	4.3		1.3	15	KERMADEC ISLANDS, NEW ZEALAND
	15	09 49 46.9•	6.432	S	147.816	E	33	N	4.5		1.3	13	EASTERN NEW GUINEA REG., P.N.G. ML 4.3 (PMG).
	15	09 57 49.4•	8.232	S	124.966	E	33	N	4.5		1.0	11	TIMOR REGION, INDONESIA
	15	10 04 00.0?	6.58	S	147.36	E	33	N	4.3		1.5	6	EASTERN NEW GUINEA REG., P.N.G. ML 4.3 (PMG).
	15	10 38 13.4&	40.240	N	124.532	W	5					13	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.5 (BRK).
	15	10 38 52.5?	6.56	S	147.34	E	33	N	4.6		1.5	8	EASTERN NEW GUINEA REG., P.N.G. ML 4.2 (PMG).
	15	10 57 24.5	39.912	N	27.427	E	10	G			0.8	8	TURKEY
	15	11 07 31.5	40.806	N	72.479	E	33	N	4.3		1.2	22	KYRGYZSTAN
	15	11 11 03.8	38.637	N	22.081	E	10	G			1.3	16	GREECE. MD 3.5 (ATH).
	15	11 28 00.4•	6.503	S	147.254	E	33	N	5.1		0.6	10	EASTERN NEW GUINEA REG., P.N.G. ML 4.5 (PMG).
	15	11 44 09.3•	6.171	S	147.393	E	33	N	4.7		1.4	16	EASTERN NEW GUINEA REG., P.N.G.
	15	12 01 13.5?	7.47	S	147.81	E	33	N	4.4		1.6	6	EASTERN NEW GUINEA REG., P.N.G. ML 4.2 (PMG).
	15	12 16 20.0&	61.688	N	147.685	W	18					59	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
	15	12 29 32.3?	7.08	S	146.62	E	33	N	4.2		1.4	6	EASTERN NEW GUINEA REG., P.N.G. ML 4.2 (PMG).
	15	12 59 23.0%	44.476	N	6.933	E	5	G			0.5	9	FRANCE. ML 2.1 (GEN).
	15	13 08 16.1%	43.422	N	5.445	E	10	G			0.7	8	NEAR SOUTH COAST OF FRANCE. ML 2.5 (STR).
	15	13 22 29.8?	6.03	S	147.89	E	33	N			1.7	5	EASTERN NEW GUINEA REG., P.N.G. ML 3.9 (PMG).
	15	13 31 29.1•	40.892	N	72.519	E	33	N	4.4		1.2	18	KYRGYZSTAN
	15	14 15 51.4%	44.578	N	6.658	E	5	G			0.6	12	FRANCE. ML 2.5 (GEN).
	15	14 25 22.4•	16.740	N	100.061	W	30		3.9		1.3	14	NEAR COAST OF GUERRERO, MEXICO. Felt at Acapulco.
	15	14 33 24.1?	40.85	N	72.07	E	33	N	3.8		0.6	6	KYRGYZSTAN
	15	14 47 54.4%	44.326	N	7.305	E	5	G			0.2	5	NORTHERN ITALY. ML 1.6 (GEN).
	15	14 48 48.0	40.785	N	72.532	E	33	N	4.4		0.8	13	KYRGYZSTAN
	15	15 34 18.0•	67.059	N	20.820	E	10	G			1.3	6	SWEDEN. MD 3.4 (BER).
	15	16 26 55.6•	17.065	N	147.425	E	33	N	4.0		0.6	6	MARIANA ISLANDS REGION
	15	17 07 12.3?	34.89	N	4.85	W	10	G			1.2	4	MOROCCO. MD 3.4 (RBA).
	15	17 30 35.9•	33.486	S	70.185	W	117	?			0.6	11	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
	15	17 30 58.4?	6.44	S	147.19	E	33	N	4.1		1.2	4	EASTERN NEW GUINEA REG., P.N.G. ML 4.1 (PMG).
	15	17 34 12.4•	19.075	S	177.947	W	552	•	4.9		1.3	40	FIJI ISLANDS REGION
	15	17 40 59.0?	6.89	S	129.73	E	114	?	4.2		1.0	11	BANDA SEA
	15	17 55 17.5	11.557	N	42.831	E	10	G	4.4		0.7	12	ETHIOPIA

	15	19	33	25.0*	51.166	N	5.782	E	10	G			1.3	16	THE NETHERLANDS. ML 3.3 (LDG), 2.9 (BNS). MD 3 1 (UCC).
	15	19	34	16.2%	46.388	N	2.477	E	5	G			0.5	5	FRANCE. ML 1.9 (LDG).
	15	19	35	12.9?	18.08	S	178.49	W	614		4.4		1.3	30	FIJI ISLANDS REGION
	15	20	08	16.0*	6.344	S	147.668	E	33	N	4.7		1.4	14	EASTERN NEW GUINEA REG., P.N.G. ML 4.6 (PMG).
	15	20	23	10.1*	6.478	S	147.782	E	33	N			1.3	9	EASTERN NEW GUINEA REG., P.N.G.
	15	20	37	36 5	40.784	N	72.389	E	33	N	4.5		1.0	21	KYRGYZSTAN
	15	21	32	09.2	16.259	N	98.494	W	26	D	4.8	4.2	1.1	81	NEAR COAST OF GUERRERO, MEXICO. Felt in Oaxaca.
	15	21	36	24.3	38.563	N	107.914	W	5	G			1.0	8	COLORADO. ML 2.8 (GS). Felt (IV) at Olathe and (II) at Montrose.
	15	21	49	16.4	18.372	N	147.129	E	13	D	4.9	4.7	1.3	57	MARIANA ISLANDS REGION
	15	21	54	30.5?	23.83	S	179.72	W	582	?	4.5		0.8	15	SOUTH OF FIJI ISLANDS
a	15	22	06	24.5	52.093	N	171.814	W	33	N	5.2	4.6	1.1	197	FOX ISLANDS, ALEUTIAN ISLANDS
	15	22	50	14.8	36.081	N	31.448	E	10	G			0.9	10	TURKEY. ML 3.4 (CSS). MD 3.4 (HLW).
	15	22	56	47.3*	40.970	N	72.386	E	33	N	3.9		1.4	12	KYRGYZSTAN
	15	23	14	17.2	40.812	N	72.576	E	33	N	4.4		0.8	30	KYRGYZSTAN
	16	01	11	03.8*	31.848	S	69.633	W	130	G			0.6	14	SAN JUAN PROVINCE, ARGENTINA. MD 3.8 (SAN).
	16	01	39	50.3	37.661	N	118.870	W	5	G			0.6	10	CALIFORNIA-NEVADA BORDER REGION. ML 2.7 (GS).
	16	02	15	51.0?	6.44	S	147.70	E	33	N	4.7		1.6	8	EASTERN NEW GUINEA REG., P.N.G. ML 4.6 (PMG).
	16	02	16	25.2*	39.440	S	174.689	E	175	*			0.3	18	NORTH ISLAND, NEW ZEALAND
	16	02	33	32.8	44.687	N	148.263	E	33	N	4.8	4.2	0.9	58	KURIL ISLANDS
	16	02	38	31.4	32.663	S	178.469	W	33	N	5.2	5.5	1.3	46	SOUTH OF KERMADEC ISLANDS. Mo=5.0*10**17 Nm (PPT).
	16	02	50	07.6?	17.10	N	61.24	W	33	N			0.4	5	LEEWARD ISLANDS. ML 2.7 (FDF).
	16	02	54	18.2*	36.424	N	140.937	E	94		4.2		1.1	22	NEAR EAST COAST OF HONSHU, JAPAN
	16	02	55	59.9&	58.987	N	160.279	W	0					35	BRISTOL BAY. <AEIC>. ML 4.2 (AEIC), 3.8 (PMR).
	16	03	03	42.9	38.934	N	142.092	E	44	D	4.9	4.8	1.1	60	NEAR EAST COAST OF HONSHU, JAPAN
	16	03	58	42.1	52.454	N	31.458	W	10	G	4.6	4.6	1.1	66	NORTHERN MID-ATLANTIC RIDGE
	16	04	08	14.4*	56.042	S	27.643	W	33	N	5.4	5.3	1.4	33	SOUTH SANDWICH ISLANDS REGION
	16	05	55	16.7*	40.874	N	72.547	E	33	N	3.9		1.2	10	KYRGYZSTAN
	16	06	30	33.7?	32.16	S	68.61	W	33	N			0.4	5	MENDOZA PROVINCE, ARGENTINA
	16	06	37	35.3?	32.10	S	68.62	W	33	N			0.1	4	MENDOZA PROVINCE, ARGENTINA
	16	06	59	31.7?	17.15	S	179.26	W	519		4.4		1.5	15	FIJI ISLANDS REGION
	16	08	32	57.7	23.262	N	99.939	E	33	N	4.6	3.9	1.1	44	MYANMAR-CHINA BORDER REGION
	16	08	48	26.6?	36.03	N	27.28	E	10	G			1.7	5	DODECANESE ISLANDS. ML 3.8 (CSS).
	16	09	19	59.7	40.821	N	72.592	E	33	N	4.6		0.9	55	KYRGYZSTAN
	16	09	36	32.2%	18.084	N	76.452	W	10	G			0.1	5	JAMAICA REGION. MD 2.1 (HOJ).
	16	10	18	24.4	38.601	S	175.879	E	187	*			0.5	28	NORTH ISLAND, NEW ZEALAND
	16	10	21	47.8	52.789	N	174.872	E	132		4.6		0.8	59	NEAR ISLANDS, ALEUTIAN ISLANDS
	16	10	43	47.4*	41.026	N	72.938	E	33	N	4.3		1.3	13	KYRGYZSTAN
	16	10	48	03.4	39.168	N	29.221	E	10	G			1.1	16	TURKEY. MG 3.3 (DDA).
	16	11	09	27.9&	58.741	N	152.671	W	78					45	KODIAK ISLAND REGION. <AEIC>.
	16	11	41	39.1*	14.936	S	167.320	E	33	N	4.4		1.1	30	VANUATU ISLANDS
	16	11	48	07.6?	51.56	N	7.45	E	10	G			0.3	4	GERMANY. ML 2.3 (BNS).
	16	12	03	21.4?	35.11	S	71.19	W	100	G			0.2	9	CENTRAL CHILE. MD 3.8 (SAN).
	16	12	28	52.4	19.508	N	64.947	W	55	D	4.6		0.8	77	VIRGIN ISLANDS. MD 4.5 (TRN).
	16	13	06	57.5*	51.061	N	15.779	E	10	G			0.9	6	POLAND. MG 2.7 (WAR).
	16	13	12	55.6*	32.595	S	70.620	W	96	?			0.8	14	CHILE-ARGENTINA BORDER REGION. MD 4.1 (SAN).
a	16	14	58	38.9	19.119	S	169.079	E	165	D	5.6		1.1	285	VANUATU ISLANDS. Mo=3.2*10**18 Nm (PPT).
	16	15	45	17.0%	42.516	N	6.706	W	10	G			0.9	6	SPAIN. mbLg 2.8 (MDD).
	16	15	50	30.6*	28.205	N	66.578	E	33	N	3.9		1.4	12	PAKISTAN
	16	16	41	22.8%	35.763	N	140.222	E	62	?			0.5	10	NEAR EAST COAST OF HONSHU, JAPAN
	16	16	57	13.2	2.911	N	125.245	E	203	*	4.7		0.8	24	TALAUD ISLANDS, INDONESIA
	16	16	57	26.0?	28.14	N	16.09	W	10	G			0.4	4	CANARY ISLANDS REGION. mbLg 3.3 (MDD).
a	16	17	57	16.3	38.458	S	177.852	E	45		5.4	5.4	1.4	97	NORTH ISLAND, NEW ZEALAND
	16	17	58	50.1%	38 201	S	178.268	E	38	*			1.2	8	OFF E. COAST OF N. ISLAND, N.Z. ML 4.4 (WEL).
	16	18	03	53.4*	38.370	S	179.142	E	25	*	4.8		1.2	22	OFF E. COAST OF N. ISLAND, N.Z.
	16	18	03	59.7	47.999	N	7.506	E	10	G			0.2	8	SWITZERLAND. ML 2.3 (LDG), 1.8 (STR).
	16	18	29	39.0*	38.251	S	178.409	E	28				1.1	16	OFF E. COAST OF N. ISLAND, N.Z. ML 4.1 (WEL).
	16	18	37	27.8?	6.59	S	147.12	E	33	N	4.6		1.3	4	EASTERN NEW GUINEA REG., P.N.G. ML 4.5 (PMG).
	16	19	29	26.8*	6.287	S	147.557	E	33	N	4.5		1.4	7	EASTERN NEW GUINEA REG., P.N.G. ML 4.3 (PMG).
	16	19	39	58.0?	48.88	N	154.97	E	33	N	3.9		1.1	5	KURIL ISLANDS
	16	20	19	52.9	36.080	N	99.869	E	17	D	5.0		0.9	79	QINGHAI, CHINA. ML 5.0 (BJI).
a	16	20	57	59.5	13.672	S	76.108	W	57	D	5.6		1.0	224	NEAR COAST OF PERU. Mo=2.5*10**18 Nm (PPT). Felt at Ica and Lima.
	16	21	30	52.3	6.047	S	105.284	E	33	N	5.3	5.7	1.2	109	SUNDA STRAIT
	16	21	52	03.6?	61.21	N	3.40	E	10	G			0.5	6	NORWEGIAN SEA. MD 2.0 (BER).
	16	21	56	07.3?	37.80	N	15.03	E	10	G			0.9	4	SICILY
	16	22	11	08.6%	38.020	N	17.028	E	10	G			1.3	8	SOUTHERN ITALY
	16	22	59	08.9	44.319	N	7.453	E	5	G			0.4	13	NORTHERN ITALY. ML 2.1 (LDG), 1.7 (GEN).
	16	23	49	46.7*	49.153	N	6.989	E	10	G			0.7	6	GERMANY. MD 2.1 (UCC).
	16	23	59	14.9*	31.682	N	49.704	E	33	N	4.0		1.4	11	WESTERN IRAN
	17	00	10	25.0?	40.08	N	19.91	E	10	G			0.3	4	ALBANIA. ML 2.5 (TIR).
	17	01	06	52.7	38.382	S	178.561	E	30		5.0	5.0	1.2	44	OFF E. COAST OF N. ISLAND, N.Z.
	17	01	28	08.7?	38.03	N	19.40	E	10	G			1.7	8	IONIAN SEA. MD 3.3 (ATH).
	17	02	19	51.0?	18.07	N	102.30	W	33	N			1.1	5	MICHOACAN, MEXICO
	17	02	27	36.8&	32.300	N	115.200	W	6	G				5	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.0 (PAS).
	17	02	38	32.3*	9.860	S	34.021	E	28	D	4.9		1.6	13	TANZANIA. mbLg 4.2 (BUL).
	17	03	10	14.8*	9.953	S	34.240	E	32	D	4.8		1.3	12	TANZANIA. mbLg 4.2 (BUL).
	17	03	55	41.8	24.953	N	63.263	E	30	D	4.9	4.5	1.0	59	OFF COAST OF PAKISTAN
	17	04	17	56.5	23.315	N	99.892	E	33	N	3.8		1.0	11	MYANMAR-CHINA BORDER REGION
	17	04	52	17.2*	5.219	S	133.906	E	33	N	4.7		1.1	7	ARU ISLANDS REGION, INDONESIA
	17	05	03	22.8?	41.65	N	34.56	E	10	G			0.8	6	TURKEY. MG 3.3 (DDA).
	17	06	07	46.3&	34.060	N	116.319	W	1					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 2.7 (GS).
	17	06	21	31.5&	33.960	N	116.316	W	10					10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.2 (GS).
	17	07	54	44.9&	59.973	N	153.442	W	149					51	SOUTHERN ALASKA. <AEIC>.
	17	09	04	42.8	40.290	S	176.444	E	70				0.8	38	NORTH ISLAND, NEW ZEALAND
	17	09	08	31.5*	5.493	N	126.701	E	33	N	4.8		0.8	9	MINDANAO, PHILIPPINE ISLANDS
	17	09	25	56.5	50.648	N	6.373	E	10	G			1.1	8	GERMANY. MD 2.1 (UCC). ML 2.0 (BNS).
	17	09	46	28.3	3.155	S	127.406	E	36	*	5.1		1.0	55	SERAM, INDONESIA
f	17	09	49	19.1	7.239	N	126.645	E	33	G	6.2	7.1	1.2	533	MINDANAO, PHILIPPINE ISLANDS. Ms 7.0 (BRK). Mo=7.9*10**19 Nm (PPT). Felt (V RF) at Bislig, (IV RF) at Cagayan de Oro, (III RF) at Palo and (II RF) at Mactan. Depth from broadband displacement seismograms.

o	17	10	15	31.3	7.191	N	126.762	E	33	N	6.4	7.5	1.1	480	MINDANAO, PHILIPPINE ISLANDS. Ms 7.5 (BRK). Mo=1.3•10••20 Nm (PPT). Some minor damage at Tandag and Bislig. Felt (V RF) at Cagayan de Oro, (III RF) at Palo and (II RF) at Mactan. Small tsunami generated.
	17	10	32	23.3•	6.980	N	127.324	E	33	N	4.7		1.2	11	PHILIPPINE ISLANDS REGION
	17	10	52	57.7•	7.393	N	126.973	E	41	D	4.9		1.1	23	MINDANAO, PHILIPPINE ISLANDS
	17	11	33	10.1•	7.168	N	127.087	E	33	N	4.4		0.9	16	PHILIPPINE ISLANDS REGION
	17	12	16	48.7	7.204	N	127.267	E	41	D	4.7		1.4	35	PHILIPPINE ISLANDS REGION
	17	12	33	14.5•	7.373	N	127.044	E	33	N	4.7		1.3	24	PHILIPPINE ISLANDS REGION
	17	12	46	14.6•	38.672	N	21.081	E	10	G			1.5	9	GREECE. MD 3.1 (ATH). ML 2.9 (TIR).
	17	13	06	57.3	7.262	N	127.100	E	33	N	4.6		1.2	28	PHILIPPINE ISLANDS REGION
	17	13	29	15.6?	32.15	N	118.82	W	10	G	3.3		1.3	18	OFF COAST OF CALIFORNIA. ML 3.9 (GS). MD 3.8 (PAS).
	17	13	36	23.2	6.948	N	126.925	E	33	N	4.7		1.2	28	MINDANAO, PHILIPPINE ISLANDS
	17	13	43	02.5	9.777	S	117.027	E	38	D	5.1		1.4	33	SUMBAWA REGION, INDONESIA
	17	14	56	30.5%	42.143	N	19.015	E	10	G			0.2	5	NORTHWESTERN BALKAN REGION. ML 1.2 (TTG).
	17	15	04	26.9	39.562	N	143.507	E	32	•	4.3		1.2	29	OFF EAST COAST OF HONSHU, JAPAN
	17	15	28	02.4•	10.824	S	160.936	E	71	?	4.3		1.5	9	SOLOMON ISLANDS
	17	15	36	21.1	6.946	N	126.882	E	42	D	5.1	5.1	1.1	85	MINDANAO, PHILIPPINE ISLANDS
	17	15	42	56.3•	6.967	N	126.857	E	33	N	4.8		1.2	16	MINDANAO, PHILIPPINE ISLANDS
	17	15	46	49.0	7.939	S	159.133	E	51	D	5.0		1.2	44	SOLOMON ISLANDS
	17	16	40	36.9•	7.299	N	127.232	E	33	N	4.8		1.2	14	PHILIPPINE ISLANDS REGION
	17	16	41	59.3•	7.647	N	127.092	E	33	N	4.5		1.1	14	PHILIPPINE ISLANDS REGION
	17	16	43	08.0•	7.016	N	127.394	E	33	N	4.6	4.6	1.6	13	PHILIPPINE ISLANDS REGION
	17	16	47	32.0•	7.161	N	126.790	E	33	N	4.4		1.0	13	MINDANAO, PHILIPPINE ISLANDS
	17	16	48	17.7•	9.261	S	118.215	E	33	N	4.9		1.6	30	SUMBAWA REGION, INDONESIA
	17	17	31	36.8%	44.219	N	11.442	E	10	G			0.5	7	NORTHERN ITALY
	17	17	48	09.7	38.607	N	26.924	E	10	G			0.4	9	AEGEAN SEA
	17	18	36	59.7	7.401	N	127.180	E	33	N	5.0		1.1	27	PHILIPPINE ISLANDS REGION
	17	18	55	22.9	7.146	N	126.803	E	33	N	5.0		1.0	55	MINDANAO, PHILIPPINE ISLANDS
	17	19	26	33.2•	30.920	N	141.723	E	33	N			1.3	11	SOUTH OF HONSHU, JAPAN
	17	19	47	31.2	32.942	S	70.153	W	107		4.5		1.1	43	CHILE-ARGENTINA BORDER REGION. MD 4.7 (SAN). Felt (IV) at Valparaiso; (III) at Quillota, San Antonio, Santiago and Vina del Mar; (I) at Las Andes, Chile. Also felt (II) at Mendoza, Argentina.
	17	20	30	06.4?	14.99	N	60.80	W	75	?			0.3	8	WINDWARD ISLANDS
	17	20	42	43.0	21.870	S	68.763	W	105	D	5.3		1.1	133	CHILE-BOLIVIA BORDER REGION
	17	20	47	41.2?	43.82	N	12.31	E	10	G			0.5	4	CENTRAL ITALY
	17	21	03	31.0&	34.063	N	116.317	W	6	G				4	SOUTHERN CALIFORNIA. <PAS-P>. MD 2.7 (PAS).
	17	21	12	18.0•	7.110	N	127.219	E	33	N	4.3		1.4	9	PHILIPPINE ISLANDS REGION
o	17	21	36	00.0	6.463	S	153.237	E	32		5.7	5.3	1.2	191	NEW BRITAIN REGION, P.N.G. Mo=6.3•10••17 Nm (PPT).
	17	21	37	40.3	1.300	S	99.563	E	33	N	4.8		0.7	20	SOUTHERN SUMATERA, INDONESIA
	17	21	38	49.4?	7.72	N	126.73	E	33	N	5.0		1.6	8	MINDANAO, PHILIPPINE ISLANDS
	17	21	50	35.1&	40.468	N	124.527	W	15					7	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.2 (BRK).
	17	21	51	25.0&	40.450	N	124.533	W	13					7	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.1 (BRK).
	17	23	40	58.8	44.637	N	8.519	E	5	G			0.9	16	NORTHERN ITALY. ML 2.1 (GEN).
	17	23	43	15.8•	3.319	S	100.914	E	33	N	4.9		1.3	28	SOUTHERN SUMATERA, INDONESIA
	17	23	45	57.3%	33.683	S	72.030	W	10	G			0.5	9	OFF COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	18	00	22	34.2&	33.950	N	116.360	W	8					17	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.3 (GS).
	18	00	39	49.5%	44.286	N	7.493	E	10	G			0.5	8	NORTHERN ITALY. ML 2.0 (GEN).
	18	00	58	10.0•	6.927	N	127.192	E	33	N	4.8	4.3	1.3	11	PHILIPPINE ISLANDS REGION
	18	01	01	53.8?	23.15	N	142.42	E	33	N	4.3	4.0	1.5	9	VOLCANO ISLANDS REGION
	18	01	53	30.7•	7.931	N	126.966	E	41	D	4.8		1.4	34	MINDANAO, PHILIPPINE ISLANDS
	18	02	15	15.7?	45.06	N	14.92	E	10	G			1.0	5	NORTHWESTERN BALKAN REGION. MD 2.5 (LJU), 2.4 (TRI).
	18	02	54	18.8&	60.043	N	141.352	W	2					23	SOUTHEASTERN ALASKA. <AEIC>. ML 2.9 (AEIC).
o	18	03	02	21.5	33.594	S	72.018	W	30	D	5.6	5.8	1.2	192	OFF COAST OF CENTRAL CHILE. Ms 5.8 (BRK). MD 5.3 (SAN). Mo=2.0•10••18 Nm (PPT). Felt (V) at San Antonio, Valparaiso and Vina del Mar; (IV) at Las Andes and San Felipe; (III) at Quillota, San Jose de Maipo and Santiago. Also felt (III) at Mendoza, Argentina.
	18	03	03	04.7&	59.948	N	141.298	W	6					17	SOUTHEASTERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	18	03	08	18.8%	33.646	S	71.966	W	10	G			0.4	9	NEAR COAST OF CENTRAL CHILE. Felt (III) at Valparaiso.
	18	03	13	44.6%	33.635	S	71.809	W	10	G			1.2	12	NEAR COAST OF CENTRAL CHILE. MD 4.2 (SAN).
	18	03	19	11.6•	33.621	S	71.801	W	10	G			1.0	12	NEAR COAST OF CENTRAL CHILE
	18	03	21	36.0%	33.665	S	71.872	W	10	G			0.5	10	NEAR COAST OF CENTRAL CHILE
	18	03	23	04.4%	33.645	S	72.011	W	10	G			0.5	10	OFF COAST OF CENTRAL CHILE
	18	03	25	44.6	7.368	N	126.797	E	33	N	5.0	5.1	1.0	46	MINDANAO, PHILIPPINE ISLANDS
	18	03	29	14.4%	33.651	S	71.965	W	10	G			0.5	11	NEAR COAST OF CENTRAL CHILE. MD 4.3 (SAN).
	18	03	35	53.3%	33.644	S	71.957	W	10	G			0.5	10	NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).
	18	03	37	27.3%	33.678	S	71.993	W	10	G			0.6	9	NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN).
	18	03	52	26.0•	33.659	S	71.808	W	10	G			0.9	13	NEAR COAST OF CENTRAL CHILE. MD 4.2 (SAN).
	18	03	56	45.9%	33.656	S	72.030	W	10	G			0.6	9	OFF COAST OF CENTRAL CHILE
	18	03	58	33.6•	33.709	S	72.025	W	10	G			1.1	14	OFF COAST OF CENTRAL CHILE. MD 4.3 (SAN).
	18	04	02	09.4•	33.652	S	72.025	W	10	G			0.5	9	OFF COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	18	04	05	13.8%	33.675	S	72.044	W	10	G			0.5	9	OFF COAST OF CENTRAL CHILE. MD 3.5 (SAN).
	18	04	07	17.4%	33.653	S	72.049	W	10	G			0.5	9	OFF COAST OF CENTRAL CHILE. MD 4.0 (SAN).
	18	04	10	29.5?	6.35	S	147.57	E	33	N	4.3		1.2	4	EASTERN NEW GUINEA REG., P.N.G. ML 4.1 (PMG).
	18	04	14	54.9•	6.661	N	127.169	E	33	N	4.5		1.2	13	PHILIPPINE ISLANDS REGION
	18	04	28	11.9?	44.66	N	9.15	E	10	G			0.6	5	NORTHERN ITALY. ML 1.8 (GEN).
	18	05	25	44.6•	33.778	S	72.297	W	10	G			1.1	9	OFF COAST OF CENTRAL CHILE
	18	05	26	41.7	6.417	S	153.257	E	33	N	5.0		0.7	19	NEW BRITAIN REGION, P.N.G.
	18	05	28	29.5	56.873	N	7.211	E	10	G			0.6	23	NORTH SEA. MD 3.3 (BER).
	18	05	44	36.1%	33.679	S	71.999	W	10	G			0.6	9	NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).
	18	05	46	44.8%	33.631	S	71.980	W	10	G			0.6	11	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	18	05	48	50.7%	33.626	S	72.009	W	10	G			0.6	9	OFF COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	18	06	07	26.3%	33.689	S	71.952	W	10	G			0.6	9	NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).
	18	06	10	26.7?	33.68	S	72.00	W	10	G			0.6	8	NEAR COAST OF CENTRAL CHILE. MD 3.4 (SAN).
	18	06	14	56.1•	13.499	N	125.354	E	29	D	5.0		1.4	19	PHILIPPINE ISLANDS REGION
	18	06	15	23.8%	33.672	S	71.987	W	10	G			0.6	9	NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	18	06	35	30.5•	33.748	S	72.195	W	10	G			0.8	20	OFF COAST OF CENTRAL CHILE. MD 4.3 (SAN).
	18	06	38	59.0%	33.651	S	71.993	W	10	G			0.4	11	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	18	06	48	58.2%	33.619	S	72.000	W	10	G			0.7	9	OFF COAST OF CENTRAL CHILE. MD 3.5 (SAN).
	18	06	52	13.0%	33.677	S	71.992	W	10	G			0.6	9	NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	18	06	56	07.3?	33.68	S	71.99	W	10	G			0.6	8	NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).

	18	07 27	21.6%	33.647	S	71.635	W	10	G			0.4	8 NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	18	07 27	46.6%	33.694	S	72.029	W	10	G			0.5	9 OFF COAST OF CENTRAL CHILE. MD 3.7 (SAN).
	18	07 34	29.4%	33.658	S	71.657	W	10	G			0.5	9 NEAR COAST OF CENTRAL CHILE. MD 3.4 (SAN).
	18	07 37	22.7•	4.594	S	152.431	E	93		4.6		0.3	9 NEW BRITAIN REGION, P.N.G.
	18	07 42	29.0&	40.350	N	124.902	W	1		3.3			27 NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.7 (BRK), 3.9 (GS).
	18	07 51	24.0?	45.52	N	18.29	E	10	G			1.6	6 NORTHWESTERN BALKAN REGION. MD 3.2 (LJU).
	18	07 51	28.1•	33.659	S	71.857	W	10	G			1.1	13 NEAR COAST OF CENTRAL CHILE. MD 4.2 (SAN).
	18	07 52	15.4&	40.280	N	124.567	W	4					11 NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.2 (BRK).
	18	07 56	07.2%	33.662	S	71.666	W	10	G			0.5	9 NEAR COAST OF CENTRAL CHILE. MD 3.4 (SAN).
	18	08 29	41.5•	40.837	N	72.637	E	33	N	4.0		1.1	14 KYRGYZSTAN
	18	08 33	57.6	40.841	N	72.685	E	33	N	4.0		0.5	13 KYRGYZSTAN
	18	08 47	28.8%	33.642	S	72.011	W	10	G			0.5	9 OFF COAST OF CENTRAL CHILE. MD 3.5 (SAN).
	18	09 04	22.1?	6.27	S	148.11	E	33	N			1.3	6 NEW BRITAIN REGION, P.N.G. ML 4.5 (PMG).
	18	09 25	55.7%	33.681	S	71.932	W	10	G			0.6	9 NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).
	18	09 27	43.6?	40.56	N	72.57	E	33	N	3.5		0.7	6 KYRGYZSTAN
	18	09 52	16.7	33.741	S	72.236	W	10	G			1.0	22 OFF COAST OF CENTRAL CHILE. MD 4.4 (SAN).
	18	09 56	35.8%	33.651	S	72.018	W	10	G			0.5	9 OFF COAST OF CENTRAL CHILE. MD 3.5 (SAN).
	18	09 58	31.7%	33.624	S	72.012	W	10	G			0.5	10 OFF COAST OF CENTRAL CHILE. MD 3.8 (SAN).
	18	10 04	06.8•	33.639	S	71.925	W	10	G			1.0	14 NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN).
	18	10 16	18.4%	33.640	S	71.952	W	10	G			0.5	10 NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
	18	10 29	25.9&	40.395	N	124.265	W	6					8 NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.1 (BRK).
	18	10 31	05.4•	7.372	N	127.256	E	33	N	4.8		1.5	17 PHILIPPINE ISLANDS REGION
	18	10 45	27.3%	11.022	N	62.084	W	68	?			0.8	10 WINDWARD ISLANDS. MD 3.6 (TRN).
	18	10 46	54.6%	33.636	S	71.974	W	10	G			0.5	9 NEAR COAST OF CENTRAL CHILE. MD 3.4 (SAN).
	18	10 54	44.3%	33.644	S	72.027	W	10	G			0.6	9 OFF COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	18	10 56	31.5%	46.989	N	1.371	E	10	G			1.1	13 FRANCE. ML 2.6 (LDG).
a	18	11 02	42.6	20.449	S	177.699	W	538	D	5.2		1.1	206 FIJI ISLANDS REGION. Mo=2.0•10••17 Nm (PPT).
	18	11 07	58.2%	33.637	S	72.009	W	10	G			0.5	9 OFF COAST OF CENTRAL CHILE. MD 3.5 (SAN).
	18	11 17	33.1	7.053	N	127.172	E	42	D	4.9		1.2	28 PHILIPPINE ISLANDS REGION
	18	11 22	16.3%	33.633	S	72.009	W	10	G			0.5	9 OFF COAST OF CENTRAL CHILE. MD 3.4 (SAN).
	18	11 32	43.1%	33.645	S	71.622	W	10	G			0.5	9 NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	18	11 48	44.6%	33.674	S	71.987	W	10	G			0.5	9 NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	18	11 50	20.9%	33.639	S	71.842	W	10	G			0.5	8 NEAR COAST OF CENTRAL CHILE. MD 3.4 (SAN).
	18	12 11	24.5•	17.618	N	60.891	W	32		3.5		0.9	11 LEEWARD ISLANDS. ML 3.8 (FDF). MD 3.7 (TRN).
	18	12 12	52 1?	33.55	S	72.24	W	10	G			1.1	10 OFF COAST OF CENTRAL CHILE. MD 4.1 (SAN).
	18	12 18	36.6?	33.62	S	71.86	W	10	G			1.7	8 NEAR COAST OF CENTRAL CHILE. MD 3.4 (SAN).
	18	12 22	05.4?	41.76	N	34.75	E	10	G			1.6	7 TURKEY. MG 3.4 (DDA).
	18	12 25	21.0%	33.674	S	72.061	W	10	G			0.5	9 OFF COAST OF CENTRAL CHILE. MD 3.5 (SAN).
	18	12 36	42.3•	40.772	N	72.595	E	33	N	3.9		1.0	9 KYRGYZSTAN
	18	12 48	10.3%	33.684	S	71.966	W	10	G			0.5	9 NEAR COAST OF CENTRAL CHILE. MD 3.4 (SAN).
	18	13 15	52.8%	33.649	S	71.972	W	10	G			0.5	9 NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	18	13 33	17.2?	31.93	S	71.61	W	10	G			0.4	9 NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	18	13 33	55.5?	44.96	N	151.93	E	33	N	4.1		1.2	9 EAST OF KURIL ISLANDS
	18	13 47	00.1•	66.838	N	13.871	E	10	G			1.3	6 NORTHERN NORWAY. MD 3.5 (BER). Felt at Glomfjord.
	18	14 08	24.5%	33.687	S	71.918	W	10	G			0.6	9 NEAR COAST OF CENTRAL CHILE. MD 3.4 (SAN).
	18	14 11	51.0	52.531	N	152.495	E	475	•	4.3		0.9	73 NORTHWEST OF KURIL ISLANDS
	18	14 35	40.3•	44.455	N	113.894	W	5	G			0.2	9 EASTERN IDAHO. ML 3.1 (GS), 3.5 (BUT).
	18	15 07	51.2?	40.33	N	27.59	E	10	G			0.3	4 TURKEY
	18	15 44	17.9&	33.951	N	116.338	W	7		4.6			72 SOUTHERN CALIFORNIA. <PAS-P>. MD 4.9 (PAS). Felt (V) at Indio, Palm Springs, Twentynine Palms and Yucca Valley. Felt (IV) at Cabazon, Cathedral City, Coachella, Hemet, Joshua Tree, La Quinta, Mecca, Morena Valley, Moronga Valley, North Palm Springs, Palm Desert, Pioneertown, Rancho Mirage and Thermal. Felt in Orange, Riverside, San Bernardino and San Diego Counties.
	18	15 55	45.6?	33.64	S	71.96	W	10	G			0.6	8 NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	18	15 57	09.3%	33.634	S	72.085	W	10	G			0.5	10 OFF COAST OF CENTRAL CHILE. MD 3.8 (SAN).
	18	16 01	27.7?	45.87	N	153.35	E	33	N	4.3		1.5	9 EAST OF KURIL ISLANDS
	18	17 23	14.7&	33.974	N	116.284	W	1					. 2 SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	18	17 24	03.4	40.861	N	72.683	E	33	N	4.6		1.0	35 KYRGYZSTAN
	18	17 31	12.7%	33.634	S	71.889	W	10	G			0.6	9 NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).
	18	18 10	35.7•	6.978	N	127.126	E	33	N	4.8	4.4	1.7	17 PHILIPPINE ISLANDS REGION
	18	18 12	11.8•	41.034	N	72.661	E	14	D	4.5		0.9	15 KYRGYZSTAN
	18	19 55	38.8•	34.858	N	86.331	E	33	N	4.1		0.9	13 XIJANG
	18	20 36	28.7&	33.951	N	116.335	W	5					4 SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS).
	18	20 36	29.8%	33.619	S	71.798	W	10	G			0.3	8 NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	18	20 36	56.6&	33.948	N	116.338	W	5					8 SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	18	20 39	41.4&	34.042	N	116.292	W	1					7 SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	18	21 00	04.5%	33.643	S	71.981	W	10	G			0.6	9 NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	18	21 12	13.7•	38.097	S	175.745	E	209	?			0.4	13 NORTH ISLAND, NEW ZEALAND
	18	21 41	44.9?	33.65	S	71.65	W	10	G			0.2	6 NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	18	21 46	38.6%	43.156	N	17.852	E	10	G			1.0	10 NORTHWESTERN BALKAN REGION. ML 2.3 (TTG).
	18	21 50	14.9•	44.272	N	13.818	E	10	G			0.9	7 ADRIATIC SEA. ML 2.3 (LJU).
	18	22 56	06.9&	33.972	N	116.325	W	6					5 SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	18	22 57	07.0%	44.829	N	7.595	E	10	G			0.8	10 NORTHERN ITALY. ML 2.0 (GEN).
	18	23 14	48.5•	44.575	N	113.947	W	5	G			0.6	7 EASTERN IDAHO. ML 2.5 (GS), 3.0 (BUT).
f	18	23 19	20.8	7.446	N	82.311	W	18	G	5.9	6.0	1.1	393 SOUTH OF PANAMA. Ms 5.9 (BRK). Mo=6.3•10••18 Nm (PPT). Felt in Bocas del Toro and at Panama City. Felt (V) in Corredores and (II) in the Central Valley, Costa Rica. Depth from broadband displacement seismograms.
	18	23 50	20.2&	33.961	N	116.340	W	5					8 SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 2.9 (GS).
	18	23 52	58.0•	7.055	N	127.285	E	33	N	4.2		1.4	6 PHILIPPINE ISLANDS REGION
	18	23 53	27.1•	7.606	N	82.381	W	10	G	4.0		1.6	11 SOUTH OF PANAMA
	19	00 04	52.5•	44.949	N	15.037	E	10	G			1.7	10 NORTHWESTERN BALKAN REGION. MD 2.8 (LJU). ML 2.6 (VIE).
	19	00 14	15.6&	33.960	N	116.341	W	6					7 SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.8 (GS).
	19	00 57	44.0	11.384	N	124.470	E	49	D	4.7	4.6	1.2	21 LEYTE, PHILIPPINE ISLANDS
	19	01 26	44.6	13.842	N	44.030	E	10	G	4.5		0.8	43 WESTERN ARABIAN PENINSULA. Several people injured and at least 20 houses destroyed in the Sanaa Mountain area, Yemen.
	19	02 05	03.5?	51.53	N	16.23	E	10	G			0.6	5 POLAND
	19	02 05	17.3&	60.174	N	141.467	W	0					26 SOUTHEASTERN ALASKA. <AEIC>. ML 2.9 (AEIC).
	19	02 07	37.4	7.171	N	126.874	E	33	N	4.8		1.1	34 MINDANAO, PHILIPPINE ISLANDS

	19	02 16 59.3?	5.57	S	147.92	E	33	N	4 4		1.6	6	EASTERN NEW GUINEA REG., P.N.G ML 4.3 (PMG).
	19	02 38 58.7*	37.298	N	70.905	E	33	N	4.0		0.9	8	AFGHANISTAN-TAJIKISTAN BORD REG.
	19	02 50 05.3%	33.637	S	71.935	W	10	G			0 7	10	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
	19	02 52 34.8?	7.63	N	82.21	W	10	G	4.2		1 2	12	SOUTH OF PANAMA
	19	03 04 36.3&	59.688	N	153.354	W	111					56	SOUTHERN ALASKA. <AEIC>.
	19	03 24 23.4*	25.211	N	126.225	E	35	D	4.4		1.1	18	RYUKYU ISLANDS
	19	03 43 23.9	41.912	N	20.182	E	10	G			0.7	10	ALBANIA. ML 2.2 (TTG).
	19	03 58 47.7?	33.67	S	71.66	W	10	G			0.3	6	NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	19	04 16 01.1*	39.453	N	25.633	E	10	G			1.3	11	AEGEAN SEA
	19	04 28 53.2?	31.21	S	68.90	W	103	?			0.7	6	SAN JUAN PROVINCE, ARGENTINA
	19	05 09 44.3*	4.367	S	151.754	E	33	N	4.6		1.5	9	NEW BRITAIN REGION, P.N.G.
	19	05 21 56.8?	3.87	S	143.43	E	33	N	4.5		1.4	8	NEAR N COAST OF NEW GUINEA, PNG.
	19	05 29 37.0	1.069	N	121.759	E	503	?	4.8		0.7	14	MINAHASSA PENINSULA, SULAWESI
	19	05 35 05.5*	4.314	S	141.398	E	33	N	4.6		0.8	7	NEW GUINEA, PAPUA NEW GUINEA
	19	05 48 26.1*	49.150	N	148.003	E	504	*	4.1		0.8	33	NORTHWEST OF KURIL ISLANDS
	19	05 58 59.6&	46.444	N	74.964	W	18	G				9	SOUTHERN QUEBEC, CANADA. <OTT-P>. mbLg 3.2 (OTT). Felt at Nominingue.
	19	05 59 41.0&	46.444	N	74.964	W	18	G	3.7			17	SOUTHERN QUEBEC, CANADA. <OTT-P>. mbLg 3.7 (OTT). Felt at Nominingue.
	19	06 01 34.4	38.545	N	24.032	E	10	G			0.7	9	AEGEAN SEA. MD 3.2 (ATH).
	19	06 32 18.8?	33.65	S	71.97	W	10	G			0.6	8	NEAR COAST OF CENTRAL CHILE. MD 3.4 (SAN).
	19	07 18 48.4*	36.829	S	179.789	E	33	N	4.1		0.6	10	OFF E. COAST OF N. ISLAND, N.Z. ML 3.9 (WEL).
	19	08 11 08.1&	60.004	N	141.426	W	11					16	SOUTHEASTERN ALASKA. <AEIC>. ML 2.9 (AEIC).
	19	08 17 22.3	44.575	N	113.983	W	5	G			0.7	22	EASTERN IDAHO. ML 3.8 (GS), 3.7 (BUT). Felt (IV) at Challis and Ellis. Felt (III) at Mackay.
	19	08 45 06.3&	36.767	N	80.710	W	5	G				12	NORTH CAROLINA. <BLA>. MD 2.0 (BLA). Felt (III) at Hillsville, Virginia.
	19	08 47 36.0?	39.48	N	29.50	E	10	G			1.4	4	TURKEY
	19	09 40 17.9*	37.600	N	21.952	E	10	G			1.2	5	SOUTHERN GREECE. MD 3.3 (ATH).
	19	09 54 10.4?	18.11	N	76.64	W	10	G			0.1	4	JAMAICA REGION. MD 2.3 (HOJ).
	19	10 04 19.7	15.953	N	98.352	W	16	D	4.8		0.9	61	OFF COAST OF GUERRERO, MEXICO
	19	10 51 37.5%	33.645	S	71.876	W	10	G			0.6	10	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	19	10 52 12.7	43.670	N	16.821	E	10	G	4.5		1.5	152	NORTHWESTERN BALKAN REGION. ML 4.7 (ZAG), 4.5 (TIR), 4.5 (VIE). MD 4.1 (TTG). Felt at Imotski, Livno, Sinj and Split, Croatia.
	19	11 17 03.5	40.651	N	29.899	E	10	G			0.7	15	TURKEY. MG 3.2 (DDA).
	19	11 21 55.7*	33.597	S	72.213	W	10	G			1.0	13	OFF COAST OF CENTRAL CHILE. MD 4.8 (SAN). Felt (IV) at Valparaiso.
	19	11 54 25.1%	33.637	S	72.011	W	10	G			0.5	11	OFF COAST OF CENTRAL CHILE. MD 4.2 (SAN).
	19	12 05 10.8*	33.703	S	72.445	W	10	G			0.8	12	OFF COAST OF CENTRAL CHILE. MD 4.4 (SAN).
	19	12 15 27.6&	33.945	N	116.342	W	5					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
o	19	12 24 57.4	28.295	N	55.594	E	33	N	5.7 5.0		1.1	347	SOUTHERN IRAN. Felt at Bandar-e Abbas.
	19	12 43 56.0%	44.389	N	7.382	E	10	G			0.3	8	NORTHERN ITALY. ML 1.7 (GEN).
	19	12 50 17.3%	13.820	N	60.966	W	10	G			0.4	7	WINDWARD ISLANDS. MD 2.8 (TRN).
	19	12 54 55.2	7.236	N	127.448	E	33	N	4.7		0.8	21	PHILIPPINE ISLANDS REGION
	19	13 02 47.4%	33.633	S	72.102	W	10	G			0.6	9	OFF COAST OF CENTRAL CHILE. MD 3.4 (SAN).
	19	13 08 46.3%	33.636	S	72.057	W	10	G			0.6	9	OFF COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	19	13 24 04.2%	33.613	S	72.068	W	10	G			0.6	10	OFF COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	19	13 24 54.6?	36.04	N	10.04	W	10	G			0.7	6	NORTH ATLANTIC OCEAN. MD 3.2 (RBA). mbLg 2.7 (MDD).
	19	14 17 22.4	46.356	N	14.992	E	10	G			0.8	6	NORTHWESTERN BALKAN REGION. MD 2.5 (LJU). ML 2.2 (VIE). Felt at Topolsico, Slovenia.
	19	14 17 56.4%	33.616	S	72.089	W	10	G			0.6	10	OFF COAST OF CENTRAL CHILE. MD 4.0 (SAN).
	19	14 25 02.6	49.108	N	6.625	E	10	G			0.9	41	GERMANY. ML 3.6 (LDG), 3.3 (GRF), 3.3 (STR), 3.3 (VIE). MD 3.5 (UCC).
a	19	14 42 50.7	9.463	S	159.316	E	33	D	5.5 5.6		1.1	177	SOLOMON ISLANDS. Ms 5.6 (BRK). Mo=7.9*10**17 Nm (PPT). Felt (V) at Honiara.
	19	14 46 48.0&	61.716	N	150.650	W	45					62	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	19	14 57 37.1?	50.44	N	6.07	E	10	G			0.9	4	GERMANY
	19	15 28 37.6*	33.623	S	71.855	W	10	G			0.8	11	NEAR COAST OF CENTRAL CHILE. MD 4.4 (SAN).
	19	15 30 22.2%	33.650	S	72.062	W	10	G			0.5	10	OFF COAST OF CENTRAL CHILE. MD 4.1 (SAN).
	19	15 31 08.6?	21.97	S	177.56	W	696	?	4.5		1.0	23	FIJI ISLANDS REGION
	19	15 38 01.9?	33.65	S	72.02	W	10	G			0.6	8	OFF COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	19	16 03 54.6?	33.63	S	72.06	W	10	G			0.7	7	OFF COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	19	16 30 51.9	38.082	N	22.566	E	10	G	3.8		1.5	42	GREECE. MD 3.7 (ATH).
	19	17 36 31.2	7.413	N	126.728	E	33	N	4.8		0.9	20	MINDANAO, PHILIPPINE ISLANDS
	19	17 37 14.8?	33.63	S	71.98	W	10	G			0.7	7	NEAR COAST OF CENTRAL CHILE. MD 3.4 (SAN).
	19	18 16 48.5*	6.443	S	130.882	E	33	N	4.5		1.3	13	BANDA SEA
	19	18 35 14.9?	14.60	N	60.94	W	10	G			0.2	4	WINDWARD ISLANDS
	19	18 38 28.2?	31.76	S	68.25	W	33	N			1.1	4	SAN JUAN PROVINCE, ARGENTINA
	19	18 43 08.1?	33.63	S	72.06	W	10	G			0.6	8	OFF COAST OF CENTRAL CHILE. MD 3.7 (SAN).
	19	19 23 00.7?	37.66	N	6.24	W	10	G			0.4	4	SPAIN. mbLg 2.8 (MDD).
	19	19 42 16.9%	16.063	N	60.783	W	33	N			0.4	8	LEEWARD ISLANDS. ML 2.9 (FDF).
	19	20 48 14.9%	44.628	N	7.220	E	10	G			0.3	5	NORTHERN ITALY. ML 1.8 (GEN).
	19	20 50 38.4	40.875	N	72.582	E	33	N	4.4		0.5	25	KYRGYZSTAN
	19	21 13 11.8?	17.45	S	179.56	W	671	?	4.3		1.0	17	FIJI ISLANDS REGION
	19	22 21 52.1*	6.011	S	150.057	E	33	N	4.6		1.6	26	NEW BRITAIN REGION, P.N.G. ML 4.8 (PMG).
	19	22 44 02.6?	33.62	S	72.04	W	10	G			0.6	8	OFF COAST OF CENTRAL CHILE. MD 3.5 (SAN).
	19	23 00 53.9	40.746	N	32.483	E	7				1.2	20	TURKEY. MG 3.6 (DDA). Felt at Gerede.
	19	23 37 43.9	44.848	N	7.635	E	10	G			0.7	17	NORTHERN ITALY. ML 2.2 (GEN), 1.9 (LDG).
	20	00 24 53.9?	33.62	S	72.07	W	10	G			0.6	8	OFF COAST OF CENTRAL CHILE. MD 3.8 (SAN).
	20	00 32 57.7*	34.498	S	178.898	W	33	N	4.9		1.2	9	SOUTH OF KERMADEC ISLANDS
	20	00 47 11.8&	60.146	N	151.232	W	58					59	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.8 (AEIC).
	20	01 14 33.7*	44.952	N	11.831	E	10	G			1.5	7	NORTHERN ITALY. ML 2.6 (VIE).
	20	01 21 13.3	44.108	N	10.215	E	10	G			0.9	60	NORTHERN ITALY. ML 3.4 (LDG), 3.3 (GEN). MD 3.2 (FIR), 3.0 (LJU).
	20	01 25 11.7*	48.733	N	19.232	E	10	G			1.4	5	CZECHOSLOVAKIA. ML 2.3 (BRA). Felt at Bonska Bystrica, Priechod and Selce.
	20	02 08 23.9	7.321	N	127.058	E	33	N	4.9		0.9	29	PHILIPPINE ISLANDS REGION
	20	02 30 50.1&	40.263	N	124.472	W	10		3.6			21	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.7 (BRK), 4.0 (GS). Felt at Eureka and Kneeland.
	20	02 56 13.5*	44.895	N	151.086	E	33	N	4.5		1.1	25	EAST OF KURIL ISLANDS
	20	03 29 44.0	36.099	N	135.985	E	43		4.4 3.9		0.9	34	SEA OF JAPAN
	20	04 14 46.7?	26.37	S	67.87	E	10	G	4.8		1.5	12	SOUTH INDIAN OCEAN

	20	04	54	34.9•	38.464	S	175.691	E	260	•		0.4	16	NORTH ISLAND, NEW ZEALAND
	20	07	06	02.1&	67.194	N	145.478	W	0				5	NORTHERN ALASKA. <AEIC>. ML 2.7 (AEIC).
	20	07	14	24.3•	38.122	N	27.316	E	5	G		0.8	8	TURKEY
	20	07	24	00.0&	33.964	N	116.319	W	10				4	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS).
	20	07	53	24.1?	6.33	S	148.06	E	33	N	4.4	1.6	6	NEW BRITAIN REGION, P.N G. ML 4.5 (PMG).
	20	08	11	31.7%	43.635	N	6.653	E	10	G		0.6	12	NEAR SOUTH COAST OF FRANCE
	20	08	23	58.1	35.146	N	139.754	E	97	D	4.9	1.2	88	NEAR S. COAST OF HONSHU, JAPAN. Felt (III JMA) at Tateyama and Tokyo; (II JMA) at Chiba, Yokohama and Yokosuka. Also felt (II JMA) on Oshima.
	20	08	55	58.4?	39.54	N	29.47	E	10	G		0.8	5	TURKEY
	20	09	00	00.0%	33.048	S	71.864	W	33	N		0.4	9	NEAR COAST OF CENTRAL CHILE. MD 3.4 (SAN).
	20	09	11	36.7	42.049	N	20.057	E	10	G		1.0	15	NORTHWESTERN BALKAN REGION. ML 2.9 (SKO), 2.9 (TTG), 2.8 (TIR).
	20	09	24	28.2?	14.76	N	61.03	W	130	G		0.2	7	WINDWARD ISLANDS
	20	09	25	03.7?	6.46	S	147.61	E	33	N	4.4	0.7	6	EASTERN NEW GUINEA REG., P.N.G. ML 4.3 (PMG).
	20	09	29	14.6%	37.249	N	3.017	W	10	G		0.6	5	SPAIN
	20	09	30	15.1&	59.799	N	152.936	W	110				35	SOUTHERN ALASKA. <AEIC>.
	20	11	15	31.8	11.786	N	125.538	E	33	N	4.7	1.0	35	SAMAR, PHILIPPINE ISLANDS
	20	11	21	01.4	7.054	N	126.893	E	33	N	5.0 4.4	1.2	48	MINDANAO, PHILIPPINE ISLANDS
	20	11	22	41.5	49.120	N	6.874	E	10	G		0.9	11	GERMANY. ML 2.9 (STR).
a	20	11	43	05.2	12.537	N	125.544	E	33	N	5.1 4.7	1.3	78	SAMAR, PHILIPPINE ISLANDS
	20	12	03	59.8?	40.64	N	19.84	E	10	G		1.0	4	ALBANIA. ML 2.7 (TIR).
	20	12	06	19.4?	6.50	S	147.87	E	33	N	4.2	1.7	8	EASTERN NEW GUINEA REG., P.N.G. ML 4.2 (PMG).
a	20	12	20	32.8	33.377	N	71.317	E	16	G	6.0 6.0	1.1	432	PAKISTAN. At least 36 people killed and 100 injured in the Peshawar and Kohat Districts, including 20 people killed at Shakkar Khel. At least 400 houses destroyed in the Kohat District. Felt at Islamabad and Lahore. Also felt in the Srinagar area, Kashmir and in parts of northern India. Depth from broadband displacement seismograms.
	20	12	47	56.5%	39.122	N	27.636	E	10	G		0.5	6	TURKEY
	20	13	08	44.6%	39.150	N	27.941	E	10	G		0.8	6	TURKEY
	20	13	30	56.3•	53.261	N	172.544	E	33	N	4.3	1.5	16	NEAR ISLANDS, ALEUTIAN ISLANDS
	20	13	44	07.8•	39.830	N	40.128	E	10	G		1.7	5	TURKEY. MG 3.1 (DDA).
	20	15	09	02.8?	45.59	N	2.33	E	10	G		1.0	4	FRANCE. ML 1.9 (STR).
	20	15	13	42.4•	33.362	S	70.353	W	98	?		0.5	12	CHILE-ARGENTINA BORDER REGION. MD 3.9 (SAN).
	20	16	28	30.3%	43.686	N	12.194	E	10	G		0.4	9	CENTRAL ITALY
	20	16	35	08.3%	40.169	N	28.848	E	10	G		0.7	6	TURKEY
	20	16	38	47.8%	44.164	N	10.231	E	10	G		0.5	6	NORTHERN ITALY
	20	17	43	40.2%	44.539	N	7.420	E	10	G		0.4	5	NORTHERN ITALY. ML 1.4 (GEN).
	20	18	02	02.2?	23.49	S	179.40	W	559	?	4.6	0.6	10	SOUTH OF FIJI ISLANDS
	20	18	09	49.9&	60.006	N	152.966	W	120		3.3		77	SOUTHERN ALASKA. <AEIC>.
a	20	18	20	13.1	6.464	S	147.782	E	33	N	4.9 4.6	1.1	71	EASTERN NEW GUINEA REG., P.N.G. ML 5.1 (PMG).
	20	18	29	35.3	39.495	N	27.872	E	10	G		0.6	9	TURKEY
	20	18	30	21.1?	39.47	N	27.81	E	10	G		1.3	5	TURKEY. MG 3.5 (DDA).
	20	18	37	49.9%	39.408	N	27.962	E	10	G		0.4	6	TURKEY
	20	18	57	08.5?	35.17	S	71.16	W	100	G		0.2	8	CENTRAL CHILE. MD 3.7 (SAN).
	20	19	11	41.3?	33.67	S	72.19	W	10	G		0.6	6	OFF COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	20	19	28	34.6•	36.038	S	178.493	E	235	•	4.7	1.0	32	OFF E. COAST OF N. ISLAND, N.Z.
	20	19	38	11.4%	39.435	N	27.902	E	10	G		0.5	7	TURKEY
	20	20	20	14.7%	46.672	N	1.918	E	10	G		0.2	5	FRANCE. ML 1.7 (LDG).
	20	20	20	41.4	46.719	N	1.887	E	10	G		1.0	23	FRANCE. ML 3.0 (LDG).
	20	20	39	41.2&	34.132	N	117.748	W	5				19	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS). Felt.
	20	20	46	53.2•	13.303	N	89.695	W	72		4.2	1.3	16	EL SALVADOR. Felt (II) at San Salvador.
	20	21	25	44.1?	39.53	N	27.98	E	10	G		1.0	5	TURKEY
	20	21	43	19.7•	19.236	N	66.831	W	28		3.6	0.2	9	PUERTO RICO REGION
	20	21	44	09.4?	39.97	N	16.12	E	10	G		0.6	4	SOUTHERN ITALY
	20	22	03	16.1?	35.03	S	70.94	W	110	G		0.5	9	CHILE-ARGENTINA BORDER REGION. MD 3.8 (SAN).
	20	22	18	09.5?	7.68	N	127.33	E	33	N	4.6	1.5	8	PHILIPPINE ISLANDS REGION
	20	23	04	28.3?	39.24	N	27.80	E	10	G		0.2	5	TURKEY
	20	23	30	38.9?	6.45	S	147.74	E	33	N	4.6	1.7	9	EASTERN NEW GUINEA REG., P.N.G. ML 4.4 (PMG).
	20	23	44	40.3?	43.47	N	12.47	E	10	G		0.8	4	CENTRAL ITALY
	21	00	18	03.9%	40.751	N	27.462	E	10	G		0.5	6	TURKEY
	21	00	18	40.2&	58.578	N	142.663	W	10	G	3.4		28	GULF OF ALASKA. <AEIC>. ML 3.0 (AEIC).
	21	02	16	24.7?	21.16	S	68.80	W	122	?	4.1	1.5	5	CHILE-BOLIVIA BORDER REGION
	21	03	38	00.1&	40.298	N	124.527	W	20		3.9		26	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.7 (BRK), 3.9 (GS). Felt (IV) at Ferndale, Fortuna, Honeydew and Loleta. Felt (III) at Rio Dell and (II) at Samoa. Also felt at Eureka and Kneeland.
a	21	04	13	17.6	13.312	N	50.916	E	21	D	5.0 4.3	0.9	90	EASTERN GULF OF ADEN
	21	04	59	57.5	41.604	N	88.813	E	0	G	6.5 5.0	0.8	585	SOUTHERN XINJIANG, CHINA. Probable underground nuclear explosion.
	21	05	20	31.3	44.123	S	170.817	E	21			0.6	19	SOUTH ISLAND, NEW ZEALAND. ML 3.9 (WEL).
	21	07	07	00.9	40.997	N	72.412	E	33	N	4.6	0.9	49	KYRGYZSTAN
	21	07	10	44.4•	41.278	N	72.343	E	33	N	4.5	0.9	25	KYRGYZSTAN
	21	07	31	19.5&	64.474	N	146.801	W	15				53	CENTRAL ALASKA. <AEIC>. ML 2.8 (AEIC), 3.3 (PMR). Felt (I) at Salcha.
	21	07	36	24.8?	18.65	N	67.53	W	10	G		0.4	8	MONA PASSAGE
	21	08	33	35.7	44.562	N	7.350	E	5	G		0.5	28	NORTHERN ITALY. ML 2.9 (LDG), 2.7 (GEN).
	21	08	37	58.0%	38.728	N	0.976	W	10	G		0.2	6	SPAIN. mbLg 3.0 (MDD). Felt (IV) in the Caudete area.
	21	08	43	37.0	44.538	N	7.264	E	10	G		0.3	10	NORTHERN ITALY. ML 1.9 (GEN).
	21	08	46	44.0?	39.51	N	29.53	E	10	G		0.3	5	TURKEY
	21	09	05	45.8?	33.70	S	72.10	W	10	G		0.4	8	OFF COAST OF CENTRAL CHILE. MD 3.4 (SAN).
	21	09	08	42.4?	39.40	N	29.51	E	10	G		0.5	4	TURKEY
	21	09	33	56.3%	41.142	N	28.699	E	10	G		0.2	5	TURKEY
	21	10	28	35.7	41.472	N	20.517	E	10	G		0.9	11	ALBANIA. ML 2.5 (TTG), 2.2 (SKO).
	21	11	18	35.7•	17.645	N	61.834	W	33	N		0.7	7	LEEWARD ISLANDS. ML 3.0 (FDF). MD 2.8 (TRN).
	21	11	20	41.0	41.481	N	20.519	E	10	G		0.9	11	ALBANIA. ML 2.5 (TTG), 2.0 (SKO).
	21	11	52	57.7	41.462	N	20.494	E	19	G		0.9	11	ALBANIA. ML 2.8 (TTG).
	21	12	55	25.8%	47.183	N	9.556	E	5	G		1.2	8	GERMANY
	21	13	12	57.3•	17.655	N	61.623	W	68	•	3.8	1.4	13	LEEWARD ISLANDS. MD 3.6 (TRN).
	21	13	13	29.2%	57.653	N	6.174	E	10	G		0.3	6	NORTH SEA. MD 2.5 (BER).
o	21	13	52	38.2	31.127	N	141.758	E	23	•	5.2 5.3	1.0	139	SOUTH OF HONSHU, JAPAN

	21	13	57	07.0	42.134	N	21.276	E	10	G		1.2	43	NORTHWESTERN BALKAN REGION. ML 3.4 (TIR), 3.4 (TTG). Felt (VI) in the Skopje area, Yugoslavia
	21	13	59	04.2%	40.146	N	28.828	E	10	G		0.5	7	TURKEY
o	21	14	09	03.3	6.175	S	147.236	E	48		5.7 5.8	1.1	169	EASTERN NEW GUINEA REG., P.N.G. Mo=7.9•10••17 Nm (PPT).
	21	14	18	22.1•	6.283	S	147.212	E	51	•	4 9	0 6	15	EASTERN NEW GUINEA REG., P.N.G.
	21	14	23	51.2•	6.164	S	147.514	E	83	•	4.8	1.2	21	EASTERN NEW GUINEA REG., P.N.G.
	21	14	28	19.7	40.960	N	72.669	E	20	D	5.0	0.8	129	KYRGYZSTAN
	21	14	35	48.9	31.265	N	141.592	E	33	N	4.7	1.1	31	SOUTH OF HONSHU, JAPAN
	21	14	45	36.9	15.256	N	60.604	W	68	?		0.2	15	LEEWARD ISLANDS. MD 3.2 (TRN).
	21	15	01	44.1?	6.13	S	147.29	E	33	N	4.2	1.2	8	EASTERN NEW GUINEA REG., P.N.G. ML 4.3 (PMG).
	21	15	09	53.5	5.891	S	142.180	E	31	•	4.6	1.3	23	NEW GUINEA, PAPUA NEW GUINEA
	21	15	11	12.4?	31.14	S	71.73	W	10	G		0.4	11	NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).
	21	15	26	57.1?	6.44	S	147.01	E	47	•	4.5	0.4	7	EASTERN NEW GUINEA REG., P.N.G.
	21	15	43	41.2%	43.178	N	13.238	E	10	G		0.9	6	CENTRAL ITALY
	21	15	55	23.2?	5.87	S	148.04	E	80	?	4.3	1.5	5	NEW BRITAIN REGION, P.N.G.
	21	16	01	12.0•	33.643	S	71.949	W	12			0.4	11	NEAR COAST OF CENTRAL CHILE. MD 4.1 (SAN).
	21	16	22	50.8?	30.99	N	131.50	E	48	?	4.1	0.7	14	KYUSHU, JAPAN
	21	16	25	57.1?	7.51	S	127.63	E	147	?	4.8	1.1	11	BANDA SEA
	21	16	41	02.8%	43.273	N	12.928	E	5	G		1.4	5	CENTRAL ITALY
	21	17	25	35.9	41.720	N	19.586	E	10	G		0.9	13	ALBANIA. ML 2.4 (TIR), 2.1 (TTG).
	21	17	37	10.2•	6.509	S	146.810	E	33	N	3.8	0.4	5	EASTERN NEW GUINEA REG., P.N.G.
	21	17	38	20.0?	37.11	S	179.62	E	177	?		1.0	23	OFF E. COAST OF N. ISLAND, N.Z.
o	21	18	05	52.5	8.748	S	117.604	E	143	G	5.7	1.1	167	SUMBAWA REGION, INDONESIA. Depth from broadband displacement seismograms.
	21	18	09	28.9&	35.817	N	121.288	W	6				18	CENTRAL CALIFORNIA. <BRK>. ML 3.1 (BRK), 3.1 (GS), 3.1 (PAS).
	21	18	43	01.7•	41.545	N	20.534	E	10	G		0.8	5	ALBANIA. ML 2.3 (SKO).
	21	19	18	18.9•	41.618	N	20.802	E	5	G		1.1	6	ALBANIA. ML 1.9 (SKO).
	21	19	37	12.6	41.567	N	20.607	E	10	G		1.2	7	ALBANIA. ML 2.3 (SKO), 2.2 (TIR).
	21	19	37	13.7?	34.38	S	70.50	W	10			0.4	9	CHILE-ARGENTINA BORDER REGION. MD 4.0 (SAN).
	21	19	40	49.0	41.533	N	20.521	E	5	G		1.1	15	ALBANIA. ML 2.5 (TTG), 2.4 (SKO).
	21	19	48	13.1•	6.325	S	147.416	E	52	•	4.5	1.0	15	EASTERN NEW GUINEA REG., P.N.G.
	21	19	51	41.6?	18.07	N	146.00	E	33	N	4.2	1.6	5	MARIANA ISLANDS
	21	20	09	52.8•	66.478	N	14.729	E	10	G		1.2	5	NORTHERN NORWAY. MD 2.9 (BER).
	21	20	23	12.9•	31.067	N	141.783	E	33	N	4.3	0.9	11	SOUTH OF HONSHU, JAPAN
	21	20	27	50.2%	46.913	N	0.999	W	5	G		0.8	6	FRANCE. ML 2.3 (LDG).
	21	20	39	53.3	41.533	N	20.589	E	5	G		1.3	14	ALBANIA. ML 2.6 (TTG), 2.3 (TIR), 2.2 (SKO).
o	21	20	40	10.3	31.025	N	141.738	E	14	D	5.4 5.7	1.1	239	SOUTH OF HONSHU, JAPAN. Mo=1.6•10••18 Nm (PPT).
	21	20	45	41.4	30.980	N	141.750	E	33	N	5.2	0.9	100	SOUTH OF HONSHU, JAPAN
	21	20	48	54.9?	39.35	N	28.26	E	10	G		0.8	6	TURKEY
	21	20	55	03.1•	6.545	S	146.801	E	33	N	4.4	0.4	5	EASTERN NEW GUINEA REG., P.N.G. ML 4.5 (PMG).
	21	21	39	11.3?	6.79	S	146.35	E	10	G		1.3	4	EASTERN NEW GUINEA REG., P.N.G.
o	21	21	56	11.0	11.100	N	122.620	E	33	N	5.1	1.0	55	PANAY, PHILIPPINE ISLANDS
	21	22	28	44.1•	9.701	N	60.181	W	33	N	4.3	0.9	21	NEAR COAST OF VENEZUELA. MD 4.1 (TRN).
	21	22	29	23.1	31.101	N	141.659	E	33	N	5.0	0.9	63	SOUTH OF HONSHU, JAPAN
	21	22	48	51.7	43.083	N	12.847	E	10	G		0.5	7	CENTRAL ITALY
	21	22	54	42.8%	43.087	N	12.819	E	10	G		1.0	7	CENTRAL ITALY
o	21	23	01	31.4•	59.332	S	149.158	E	33	N	5.0	1.3	21	WEST OF MACQUARIE ISLAND
	21	23	04	32.7%	39.429	N	27.881	E	5	G		0.3	9	TURKEY
	21	23	05	34.8	41.500	N	20.510	E	10	G		0.9	14	ALBANIA. ML 2.5 (TIR), 2.4 (TTG).
	21	23	22	23.1%	39.377	N	27.856	E	10	G		0.1	5	TURKEY
	21	23	38	46.6%	39.409	N	27.939	E	10	G		0.7	7	TURKEY
	22	00	10	29.7?	22.11	N	121.52	E	10	G	3.9	1.1	6	TAIWAN REGION
	22	00	16	03.8	45.926	N	15.298	E	10	G		1.1	11	NORTHWESTERN BALKAN REGION. MD 2.8 (LJU). Felt at Bucka, Slovenia.
	22	01	04	51.8	43.514	N	0.538	W	10	G		0.5	24	PYRENEES. ML 3.0 (LDG).
	22	01	07	24.8?	46.71	N	1.60	E	10	G		0.6	4	FRANCE. ML 1.4 (LDG).
o	22	01	20	39.9	33.669	S	71.942	W	44		5.3 5.4	1.0	106	NEAR COAST OF CENTRAL CHILE. MD 5.2 (SAN). Felt (IV) at Valparaiso.
	22	01	24	05.8?	7.43	S	125.23	E	326	?	4.5	0.1	6	BANDA SEA
	22	01	29	16.7?	33.71	S	72.02	W	10	G		0.8	8	OFF COAST OF CENTRAL CHILE. MD 3.4 (SAN).
	22	01	30	02.6?	33.70	S	72.11	W	10	G		0.6	7	OFF COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	22	01	34	16.4%	33.659	S	71.628	W	10	G		0.6	8	NEAR COAST OF CENTRAL CHILE. MD 3.4 (SAN).
	22	01	41	10.7?	33.71	S	71.99	W	10	G		0.7	8	NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).
	22	01	44	57.4•	33.694	S	71.937	W	10	G		0.6	9	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
	22	01	50	08.0%	33.671	S	71.603	W	10	G		0.6	8	NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	22	01	57	45.2?	33.73	S	71.99	W	10	G		0.6	8	NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).
	22	01	59	07.4%	33.654	S	71.618	W	10	G		0.6	8	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
	22	02	01	46.0•	33.706	S	71.892	W	10	G		0.6	10	NEAR COAST OF CENTRAL CHILE. MD 4.1 (SAN).
	22	02	33	41.1?	33.69	S	71.91	W	10	G		0.7	8	NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).
	22	02	43	30.9?	6.49	S	146.97	E	50	?	4.4	0.3	5	EASTERN NEW GUINEA REG., P.N.G. ML 4.2 (PMG).
	22	02	48	16.7?	33.78	S	72.24	W	10	G		0.9	8	OFF COAST OF CENTRAL CHILE. MD 3.5 (SAN).
	22	03	05	12.6	38.181	S	176.186	E	214	•		0.5	29	NORTH ISLAND, NEW ZEALAND
	22	03	12	13.7?	33.71	S	72.01	W	10	G		0.5	8	OFF COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	22	03	32	58.4%	16.384	N	61.325	W	33	N		0.5	5	LEEWARD ISLANDS. ML 2.3 (FDF).
	22	03	40	35.8	60.123	N	152.657	W	121		2.6	0.6	44	SOUTHERN ALASKA
	22	03	56	41.3?	33.70	S	71.93	W	10	G		0.7	8	NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	22	04	10	33.2?	33.69	S	71.97	W	10	G		0.6	8	NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).
	22	05	01	03.2•	33.685	S	71.850	W	10	G		0.6	14	NEAR COAST OF CENTRAL CHILE. MD 4.2 (SAN).
	22	05	19	28.5%	39.479	N	27.751	E	10	G		0.6	6	TURKEY
	22	05	47	31.5	30.748	N	99.685	E	33	N	4.6	1.2	40	SICHUAN, CHINA
	22	05	56	23.5?	33.75	S	71.97	W	33	N		0.8	9	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
	22	06	06	18.6&	61.966	N	151.438	W	82		2.6		76	SOUTHERN ALASKA. <AEIC>.
	22	06	07	16.2?	33.76	S	71.99	W	33	N		1.0	7	NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).
	22	06	25	30.3•	38.811	N	26.203	E	10	G		0.8	8	AEGEAN SEA
	22	06	27	50.8?	51.68	N	16.34	E	10	G		0.3	9	POLAND. ML 3.3 (GRF).
	22	07	12	56.9%	33.657	S	71.611	W	10	G		0.5	8	NEAR COAST OF CENTRAL CHILE. MD 3.4 (SAN).
	22	07	42	26.1	33.737	S	71.970	W	10	G	4.0	0.5	12	NEAR COAST OF CENTRAL CHILE. MD 4.4 (SAN).
	22	08	07	23.0%	40.181	N	29.063	E	10	G		0.8	6	TURKEY
	22	08	09	26.9•	15.302	N	61.055	W	33	N		1.1	8	LEEWARD ISLANDS. ML 2.7 (FDF).
	22	08	11	38.5	52.456	N	175.400	E	33	N	4.3	0.9	27	RAT ISLANDS, ALEUTIAN ISLANDS
o	22	08	16	05.2	52.392	N	175.664	E	33	N	5.3 5.3	1.0	261	RAT ISLANDS, ALEUTIAN ISLANDS. Mo=1.0•10••18 Nm (PPT). Felt (IV) on Shemya.

	22	08	23	11.1*	6.376	S	147.430	E	33	N	3.9	1.5	5 EASTERN NEW GUINEA REG., P.N.G.
	22	08	32	25.8%	39.136	N	27.478	E	10	G		1.1	5 TURKEY
	22	08	40	17.3*	61.071	N	4.311	E	10	G		1.4	14 SOUTHERN NORWAY. MD 3.2 (BER). ML 3.2 (NAO). Felt at Mostrevik.
	22	09	48	07.7	63.888	N	149.304	W	10	G		0.7	34 CENTRAL ALASKA. ML 3.2 (PMR).
	22	09	57	29.5%	41.074	N	28.703	E	10	G		0.5	5 TURKEY
	22	09	59	45.0%	41.171	N	28.983	E	10	G		0.8	8 TURKEY
	22	10	08	14.4?	28.79	N	128.71	E	162	?	3.7	1.1	7 RYUKYU ISLANDS
	22	10	16	40.4?	29.19	S	177.29	W	33	N	4.2	1.4	7 KERMADEC ISLANDS, NEW ZEALAND
	22	10	23	19.7%	45.415	N	6.605	E	10	G		0.3	9 FRANCE. ML 2.1 (GEN).
	22	10	26	57.0?	7.72	S	126.14	E	272	?	4.5	0.8	6 BANDA SEA
	22	10	43	35.4*	6.183	S	147.507	E	58	*	4.8	1.2	8 EASTERN NEW GUINEA REG., P.N.G.
	22	10	46	05.8?	9.72	N	70.00	W	10	G		0.5	5 VENEZUELA. Felt at Tocuyo.
	22	10	48	31.9	43.410	N	4.494	E	10	G		0.9	22 NEAR SOUTH COAST OF FRANCE. ML 3.3 (LDG).
	22	11	01	38.0?	32.54	S	71.68	W	33	N		0.4	9 NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	22	11	11	25.2&	60.599	N	147.869	W	11		2.6		54 SOUTHERN ALASKA. <AEIC>. ML 2.9 (AEIC).
	22	12	02	12.6%	47.192	N	9.646	E	10	G		1.3	6 GERMANY
	22	12	04	00.0	43.400	N	5.419	E	10	G		0.7	14 NEAR SOUTH COAST OF FRANCE. ML 3.0 (STR).
	22	12	39	55.3?	5.36	S	147.51	E	33	N	4.6	0.8	7 EASTERN NEW GUINEA REG., P.N.G. ML 4.6 (PMG).
	22	12	48	06.9*	37.360	S	177.572	E	150	G		1.4	24 OFF E. COAST OF N. ISLAND, N.Z.
o	22	13	06	07.9*	35.340	S	105.890	W	10	G	5.1 4.9	1.3	60 SOUTHERN EAST PACIFIC RISE
	22	13	21	10.5?	41.47	N	12.71	E	5	G		0.4	5 SOUTHERN ITALY
	22	13	36	17.7%	60.566	N	5.070	E	10	G		0.1	6 SOUTHERN NORWAY. MD 1.2 (BER).
o	22	14	09	31.1	27.359	N	115.019	W	10	G	5.2 4.8	1.1	112 OFF W. COAST OF BAJA CALIFORNIA
	22	14	21	18.7?	66.94	N	20.90	E	10	G		0.5	4 SWEDEN. MD 3.4 (BER).
	22	14	37	42.8	56.855	N	157.434	W	86		4.9	0.9	146 ALASKA PENINSULA. Felt (IV) at Chignik and Chignik Lagoon.
	22	15	06	49.9&	60.039	N	153.581	W	159				33 SOUTHERN ALASKA. <AEIC>.
	22	15	12	19.6?	6.38	S	147.44	E	54	?	4.0	0.8	5 EASTERN NEW GUINEA REG., P.N.G.
	22	15	35	48.0%	34.025	S	70.001	W	5	G		0.3	8 CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).
	22	16	02	56.5*	26.976	N	115.122	W	10	G	4.0	0.9	28 OFF W. COAST OF BAJA CALIFORNIA
	22	16	08	01.8%	33.685	S	71.637	W	10			0.5	8 NEAR COAST OF CENTRAL CHILE. MD 4.2 (SAN).
o	22	16	19	53.6	49.387	N	147.798	E	568	D	5.2	0.8	393 SEA OF OKHOTSK
	22	16	27	04.9	31.203	N	141.601	E	16	D	5.0	1.0	62 SOUTH OF HONSHU, JAPAN
	22	17	27	24.4*	24.260	S	179.763	W	542	?	4.9	1.1	22 SOUTH OF FIJI ISLANDS
	22	17	32	39.9?	33.91	S	72.12	W	10	G		0.5	7 OFF COAST OF CENTRAL CHILE. MD 3.4 (SAN).
	22	18	06	46.0*	7.230	N	127.436	E	65	?	4.2	1.2	13 PHILIPPINE ISLANDS REGION
	22	18	21	33.1%	38.232	N	2.864	W	10	G		0.8	7 SPAIN. mbLg 3.0 (MDD).
	22	18	32	16.7?	7.23	S	129.47	E	113	?	4.5	1.4	8 BANDA SEA
	22	18	49	51.9*	39.698	N	14.697	E	362	*	3.8	1.1	23 TYRRHENIAN SEA
	22	19	00	04.7?	39.76	N	14.87	E	357	*	3.2	0.9	10 TYRRHENIAN SEA
	22	19	02	04.1*	7.150	S	147.098	E	33	N	3.7	0.9	5 EASTERN NEW GUINEA REG., P.N.G. ML 3.8 (PMG).
	22	20	59	51.5*	31.152	N	141.750	E	33	N	4.8	0.7	12 SOUTH OF HONSHU, JAPAN
	22	21	36	06.3%	16.104	S	177.676	E	33	N		0.5	9 FIJI ISLANDS. ML 3.9 (SVA).
o	22	21	40	37.2	3.506	S	144.221	E	33	N	5.7 6.2	1.2	113 NEAR N COAST OF NEW GUINEA, PNG.
	22	22	15	39.4*	6.408	S	147.874	E	50	*	4.8	1.3	15 EASTERN NEW GUINEA REG., P.N.G.
	22	22	17	14.2*	45.597	N	146.879	E	64	?	4.3	0.9	12 KURIL ISLANDS
	22	22	52	47.2	38.557	N	24.128	E	10	G		1.0	7 AEGEAN SEA. ML 3.0 (ATH).
	22	23	06	26.9	63.910	N	21.229	E	10	G		1.0	10 FINLAND. MD 3.8 (BER). ML 3.4 (UPP).
	22	23	06	54.5	24.148	S	177.676	E	635	?	4.8	0.7	14 SOUTH OF FIJI ISLANDS
	22	23	10	43.7	30.165	N	32.036	E	10	G	4.5	1.2	48 EGYPT. ML 4.4 (CSS). MD 4.1 (HLW).
	22	23	34	10.3	16.375	S	172.335	W	33	N	5.4 5.3	1.0	200 SAMOA ISLANDS REGION. Ms 5.6 (BRK).
	22	23	51	19.4*	25.340	N	95.952	E	33	N		1.1	7 MYANMAR-INDIA BORDER REGION
o	23	00	20	00.4	4.544	S	141.905	E	99	D	5.4	0.8	175 NEW GUINEA, PAPUA NEW GUINEA
	23	00	22	22.4*	33.702	S	71.971	W	10	G		0.6	10 NEAR COAST OF CENTRAL CHILE. MD 4.2 (SAN).
	23	00	41	56.6*	4.912	S	151.779	E	114	*	4.7	1.3	15 NEW BRITAIN REGION, P.N.G.
	23	00	51	56.8?	43.97	N	10.93	E	10	G		0.3	4 CENTRAL ITALY
	23	01	16	47.2*	39.214	N	40.513	E	10	G		0.9	6 TURKEY. MG 3.8 (DDA).
	23	01	53	11.8*	32.177	N	50.229	E	33	N	3.9	0.7	5 NORTHERN IRAN
	23	02	29	18.6	44.568	N	7.333	E	5	G		0.4	21 NORTHERN ITALY. ML 2.3 (LDG), 2.2 (GEN).
	23	02	31	07.4%	44.548	N	7.298	E	5	G		0.4	7 NORTHERN ITALY. ML 1.6 (GEN).
	23	02	54	26.7?	5.90	S	148.07	E	73	?	4.5	0.2	5 NEW BRITAIN REGION, P.N.G.
	23	03	13	28.8*	10.909	S	161.634	E	62	?	3.9	0.9	6 SOLOMON ISLANDS
	23	03	13	29.2?	39.04	N	72.46	E	33	N	3.5	1.3	5 KYRGYZSTAN
	23	03	25	55.7*	45.000	S	167.151	E	143	?		0.2	15 SOUTH ISLAND, NEW ZEALAND
	23	05	17	47.5*	6.473	S	150.458	E	43	*	4.7	1.3	16 NEW BRITAIN REGION, P.N.G. ML 4.9 (PMG).
	23	05	19	19.6?	53.13	N	166.41	W	33	N	4.1	1.4	4 FOX ISLANDS, ALEUTIAN ISLANDS
	23	05	49	33.4&	61.369	N	147.618	W	14				51 SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	23	05	59	45.2*	49.994	N	7.166	E	10	G		1.0	5 GERMANY
	23	06	43	49.6%	41.217	N	24.928	E	10	G		1.4	9 GREECE-BULGARIA BORDER REGION
	23	06	44	09.5%	36.847	N	4.615	W	10	G		0.8	8 STRAIT OF GIBRALTAR. mbLg 3.0 (MDD).
	23	06	50	58.8%	38.187	N	5.593	W	10	G		0.6	6 SPAIN. mbLg 3.3 (MDD).
	23	07	01	27.5?	44.32	N	6.87	E	10	G		0.1	5 FRANCE. ML 1.8 (GEN).
	23	07	15	26.8?	33.70	S	72.00	W	10	G		0.7	8 OFF COAST OF CENTRAL CHILE. MD 3.7 (SAN).
	23	07	27	39.5?	33.71	S	72.00	W	10	G		0.7	8 OFF COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	23	08	36	14.3?	39.64	N	29.45	E	10	G		0.7	6 TURKEY
	23	08	40	00.7*	18.256	S	174.739	W	33	N	5.1	1.2	57 TONGA ISLANDS
	23	08	41	19.1?	39.64	N	29.52	E	10	G		0.9	5 TURKEY
	23	09	02	12.6?	31.19	S	68.42	W	100	G		0.3	6 SAN JUAN PROVINCE, ARGENTINA
	23	09	08	59.9?	44.90	N	151.37	E	33	N	3.9	1.1	8 EAST OF KURIL ISLANDS
	23	09	29	03.7	40.524	N	16.172	E	10	G		0.6	9 SOUTHERN ITALY
	23	09	35	10.1?	31.44	N	142.44	E	33	N	4.1	0.8	7 SOUTH OF HONSHU, JAPAN
	23	09	38	53.1%	41.341	N	28.736	E	10	G		0.7	6 TURKEY
	23	09	45	02.3%	41.166	N	28.724	E	10	G		0.2	8 TURKEY
	23	09	48	30.0	43.257	N	147.320	E	59	D	4.8	0.8	96 KURIL ISLANDS
a	23	10	30	35.8	13.479	N	89.997	W	75		5.3	1.1	316 EL SALVADOR. Felt throughout El Salvador and in large ports of southern Guatemala. Felt (IV) at San Salvador.
	23	10	46	17.0&	59.368	N	152.796	W	80				45 SOUTHERN ALASKA. <AEIC>.
	23	10	53	49.8?	43.65	S	15.53	W	10	G	5.1	1.2	10 SOUTHERN MID-ATLANTIC RIDGE
	23	11	17	35.4?	44.59	N	148.81	E	33	N	3.9	1.6	13 KURIL ISLANDS
	23	11	26	51.9&	62.921	N	151.299	W	108		2.7		79 CENTRAL ALASKA. <AEIC>.
	23	11	52	46.6	40.190	N	30.059	E	10	G		0.9	11 TURKEY. MG 2.8 (DDA).
	23	12	25	05.1?	39.04	N	25.71	E	10	G		1.3	5 AEGEAN SEA

	23	12	27	51.5?	34.38	S	70.50	W	10	G			0.4	8	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
	23	12	46	08 6?	9.00	S	123.51	E	33	N	4.5		1.1	5	TIMOR REGION, INDONESIA
	23	13	08	41.9%	38.862	N	28.100	E	10	G			0.5	6	TURKEY
	23	14	55	38.3•	25.956	S	177.032	W	99	•	5.0		1.4	18	SOUTH OF FIJI ISLANDS
	23	14	56	51.2•	17.704	S	167.882	E	33	N	4.6		1.4	19	VANUATU ISLANDS
	23	15	35	57.2%	39.108	N	27.619	E	10	G			0.4	7	TURKEY
	23	16	41	30.2&	60.269	N	153.031	W	142		3.2			81	SOUTHERN ALASKA. <AEIC>.
	23	16	42	35.0%	38.484	N	27.421	E	10	G			0.4	7	TURKEY
	23	17	38	21.5	35.978	N	30.083	E	10	G	2.7		0.7	22	EASTERN MEDITERRANEAN SEA
	23	18	22	52.8&	33.973	N	116.353	W	4					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 2.8 (GS). Felt (IV) at Indio and Twentynine Palms.
	23	18	52	53.2•	46.622	N	149.938	E	33	N	4.1		0.5	12	KURIL ISLANDS
	23	19	01	10.6•	31.494	S	67.858	W	10	G			0.3	6	SAN JUAN PROVINCE, ARGENTINA
	23	19	01	37.2?	44.22	N	10.72	E	10	G			0.6	5	NORTHERN ITALY
	23	21	01	43.1?	40.99	N	72.48	E	33	N	3.8		0.4	5	KYRGYZSTAN
	23	21	11	07.6	42.850	N	18.757	E	10	G			0.7	9	NORTHWESTERN BALKAN REGION. ML 2.4 (TTG).
	23	22	28	49.0%	42.181	N	18.770	E	10	G			0.3	8	NORTHWESTERN BALKAN REGION. ML 1.4 (TTG).
	23	22	37	01.3?	39.95	N	29.66	E	10	G			0.1	4	TURKEY
	23	22	53	06.7	36.740	N	30.450	E	42		4.6		1.1	150	TURKEY. Felt at Aydin and Antalya.
	23	23	29	52.2	7.211	N	126.849	E	90	•	4.5		1.2	29	MINDANAO, PHILIPPINE ISLANDS
	24	00	12	21.3	5.807	S	142.137	E	33	N	4.7	4.4	1.4	25	NEW GUINEA, PAPUA NEW GUINEA
	24	01	51	16.0	34.566	N	23.989	E	33	N	4.2	3.3	1.3	102	CRETE. ML 3.9 (ATH).
	24	02	02	43.6	34.486	N	24.046	E	44	?	3.6		1.0	14	CRETE. ML 3.4 (ATH).
	24	02	05	24.7%	40.381	N	28.928	E	10	G			0.6	8	TURKEY
	24	02	25	02.7%	41.997	N	15.245	E	10	G			0.5	5	SOUTHERN ITALY
	24	02	37	54.0?	31.31	S	67.69	W	100	G			1.2	6	SAN JUAN PROVINCE, ARGENTINA
	24	02	42	42.1	34.581	N	24.014	E	18	•	4.1		1.2	29	CRETE. ML 3.5 (ATH).
	24	02	47	15.0•	36.742	N	30.307	E	5	G			1.4	5	TURKEY. ML 3.6 (CSS).
	24	02	54	06.6	34.580	N	24.099	E	33	N	3.9		0.9	17	CRETE. ML 3.9 (ATH).
	24	03	25	49.9?	5.79	S	148.81	E	175	•	4.7		1.0	7	NEW BRITAIN REGION, P.N.G.
	24	04	07	45.6	20.462	S	178.142	W	542		4.7		0.9	66	FIJI ISLANDS REGION
	24	04	46	36.3	34.569	N	24.032	E	19		4.1		1.2	86	CRETE. ML 4.2 (TIR), 3.9 (ATH).
	24	05	22	32.9%	40.483	N	28.927	E	10	G			0.5	5	TURKEY
	24	05	33	00.5?	37.63	S	179.78	W	123	?			1.2	28	EAST OF NORTH ISLAND, N.Z.
	24	05	33	01.8	40.751	N	30.999	E	10	G			0.9	8	TURKEY. MG 2.5 (DDA).
	24	06	44	51.6	39.003	N	20.030	E	51		4.0		1.3	114	GREECE-ALBANIA BORDER REGION. MD 4.3 (ATH).
	24	07	44	52.7•	70.340	N	15.525	W	10	G	3.9		0.9	14	JAN MAYEN ISLAND REGION
	24	07	55	49.6?	40.88	N	30.60	E	10	G			0.3	5	TURKEY
	24	08	22	43.8%	43.853	N	10.909	E	10	G			0.2	5	CENTRAL ITALY
	24	10	15	55.7&	60.524	N	142.954	W	8					23	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	24	10	19	17.2%	39.588	N	28.831	E	10	G			0.5	9	TURKEY
	24	10	40	14.5?	50.47	N	13.49	E	10	G			0.3	4	CZECHOSLOVAKIA
	24	11	32	14.2?	39.46	N	27.77	E	5	G			0.7	6	TURKEY
	24	12	22	25.8&	32.822	N	116.175	W	12					14	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. MD 4.1 (PAS). ML 3.9 (GS). Felt.
a	24	12	50	19.6	51.788	N	176.118	W	49	D	4.9	4.6	1.3	145	ANDREANOF ISLANDS, ALEUTIAN IS. ML 5.1 (PMR). Felt (III) on Adak.
	24	13	33	45.9•	43.701	N	18.491	E	10	G			1.0	9	NORTHWESTERN BALKAN REGION. ML 2.2 (TTG).
	24	13	35	02.7•	19.720	S	178.395	W	617	•	4.7		1.0	46	FIJI ISLANDS REGION
	24	13	58	39.3•	31.144	N	141.466	E	33	N	4.8		0.4	7	SOUTH OF HONSHU, JAPAN
	24	13	58	49.2•	0.237	S	134.300	E	33	N	4.7		0.3	5	IRIAN JAYA REGION, INDONESIA
	24	14	10	18.3?	40.81	N	30.56	E	10	G			0.1	5	TURKEY
	24	14	31	21.7	47.219	N	9.656	E	10	G			0.4	7	GERMANY
	24	14	41	21.0	43.759	N	18.379	E	10	G			1.3	18	NORTHWESTERN BALKAN REGION. ML 2.6 (TTG).
	24	14	48	34.4?	69.89	N	21.89	E	10	G			1.0	4	NORTHERN NORWAY. MD 2.4 (BER). Felt at Bruvik.
	24	15	11	20.8%	39.485	N	29.835	E	10	G			0.9	5	TURKEY
	24	15	31	14.4&	33.942	N	116.349	W	3					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	24	15	34	55.2?	42.99	N	12.77	E	10	G			0.1	4	CENTRAL ITALY
	24	15	46	44.8	45.906	N	21.501	E	22				0.8	19	ROMANIA
	24	15	50	34.0?	31.28	S	71.21	W	70	G			0.6	11	NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	24	16	20	02.2%	15.222	N	60.845	W	33	N			0.6	7	LEEWARD ISLANDS. ML 2.7 (FDF).
	24	17	44	13.4&	57.648	N	154.842	W	12					29	KODIAK ISLAND REGION. <AEIC>. ML 2.9 (AEIC).
	24	18	44	58.8?	18.28	N	66.20	W	90	G			0.5	8	PUERTO RICO REGION
	24	19	49	04.9?	51.57	N	16.11	E	10	G			0.3	9	POLAND. ML 3.6 (VIE), 3.5 (GRF).
a	24	20	36	46.1	2.250	N	128.165	E	141	•	5.1		1.0	72	HALMAHERA, INDONESIA
	24	20	55	59.4?	18.84	N	64.93	W	33	N			1.4	10	VIRGIN ISLANDS
	24	22	13	56.4?	16.65	N	61.60	W	10	G			0.4	4	LEEWARD ISLANDS. ML 1.5 (FDF).
	24	22	22	05.5&	59.064	N	154.098	W	112		3.0			43	SOUTHERN ALASKA. <AEIC>.
	24	23	53	03.4&	65.413	N	150.006	W	13					15	NORTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
	25	00	27	02.1?	37.15	N	14.48	E	10	G			0.5	4	SICILY
	25	00	41	37.3	46.023	N	2.985	E	10	G			0.7	13	FRANCE. ML 2.0 (LDG), 1.7 (STR).
	25	00	44	37.8%	46.267	N	7.537	E	10	G			1.3	8	SWITZERLAND. ML 2.4 (LDG).
	25	00	59	55.1•	23.960	S	66.618	W	199	?	3.7		1.3	10	JUJUY PROVINCE, ARGENTINA
	25	01	04	08.3•	18.015	S	178.454	W	516	•	5.0		1.1	35	FIJI ISLANDS REGION
	25	01	47	42.5	40.925	N	72.603	E	33	N	4.3	3.7	0.5	19	KYRGYZSTAN
	25	02	12	24.9%	17.322	N	94.922	W	21	•			1.2	6	CHIAPAS, MEXICO
	25	02	31	26.9•	4.734	S	139.097	E	33	N	5.0		1.6	26	IRIAN JAYA, INDONESIA
a	25	02	51	32.0	4.792	S	139.734	E	33	N	5.6	5.5	1.0	188	IRIAN JAYA, INDONESIA
	25	03	15	54.8	32.393	S	72.064	W	49	•			0.7	17	OFF COAST OF CENTRAL CHILE. MD 4.5 (SAN). Felt (III) at Valparaiso.
	25	04	04	37.5%	38.623	N	29.201	E	21				0.8	10	TURKEY
	25	04	12	32.5%	46.064	N	2.939	E	10	G			0.4	6	FRANCE. ML 1.8 (LDG).
	25	04	21	17.1%	40.650	N	30.230	E	5	G			0.7	10	TURKEY
	25	04	40	14.7?	51.42	N	16.18	E	10	G			0.1	4	POLAND
	25	04	57	50.5•	17.728	N	94.617	W	166	•	3.3		0.6	13	CHIAPAS, MEXICO
	25	05	08	13.1	36.701	N	71.046	E	48	•	4.9	3.6	0.9	91	AFGHANISTAN-TAJIKISTAN BORD REG.
	25	05	11	37.7%	32.666	S	70.643	W	50	G			0.3	8	CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
	25	05	22	03.9&	59.738	N	153.594	W	123					69	SOUTHERN ALASKA. <AEIC>.
	25	05	49	34.8?	46.61	N	0.16	W	10	G			1.7	5	FRANCE. ML 2.4 (LDG).
	25	06	12	00.0	5.996	S	142.088	E	33	N	4.5		1.2	12	NEW GUINEA, PAPUA NEW GUINEA
	25	06	29	28.3•	37.574	N	144.922	E	10	G	4.1		1.0	7	OFF EAST COAST OF HONSHU, JAPAN
	25	06	33	11.9	41.616	N	20.755	E	10	G			0.2	6	ALBANIA. ML 3.1 (SKO).
	25	08	02	32.0	39.897	N	29.975	E	10	G			0.7	11	TURKEY. MG 2.9 (DDA).

	25	08 22 02.1	32.879	N	141.364	E	41	D	5.0	4.4	0.7	73	SOUTH OF HONSHU, JAPAN
	25	08 31 36.2	13 855	N	120.472	E	87		4.5		0.9	34	MINDORO, PHILIPPINE ISLANDS. Felt at Quezon City and Manila.
	25	08 35 03.7•	2.815	S	150.546	E	47	•	4.2		1.1	13	NEW IRELAND REGION, P.N.G.
	25	08 51 15.6	40.760	N	29.648	E	10				0.4	20	TURKEY. MG 3.6 (DDA). Felt at Kocaeli.
	25	08 55 53.7?	40.91	N	29.48	E	5	G			0.7	5	TURKEY
	25	09 27 55.4	63.474	N	151.555	W	10	G			1.0	13	CENTRAL ALASKA. ML 2.8 (PMR).
	25	09 34 28.0•	41.484	N	20.523	E	10	G			1.1	5	ALBANIA. ML 2.0 (TIR).
	25	09 35 21.5	41.414	N	20.412	E	10	G			0.9	12	ALBANIA. ML 3.0 (TTG).
	25	09 56 03.1?	34.67	S	70.16	W	5	G			0.4	6	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	25	10 00 45.1?	8.29	N	138.51	E	33	N	4.6		0.7	6	WESTERN CAROLINE ISLANDS
	25	10 57 07.3%	39.120	N	27.550	E	10	G			0.6	5	TURKEY
	25	12 22 09.7•	2.912	S	138.491	E	33	N	4.6		1.0	8	IRIAN JAYA, INDONESIA
	25	12 53 21.2%	39.117	N	27.602	E	10	G			0.6	5	TURKEY
	25	13 09 40.9	41.499	N	20.544	E	10	G			0.8	7	ALBANIA. ML 2.3 (TIR).
	25	13 17 15.1?	45.20	S	167.21	E	100	G			1.3	25	SOUTH ISLAND, NEW ZEALAND
	25	13 18 49.8	41.526	N	20.509	E	5	G			0.9	16	ALBANIA. ML 3.0 (TTG), 2.8 (TIR).
	25	13 28 38.2?	18.02	N	76.65	W	33	N			0.8	5	JAMAICA REGION. MD 2.2 (HOJ).
	25	13 35 07.3	41.487	N	20.485	E	10	G			1.1	17	ALBANIA. ML 2.9 (TTG), 2.7 (TIR).
	25	14 02 29.7&	37.913	N	122.298	W	1					5	CENTRAL CALIFORNIA. <BRK>. ML 2.4 (BRK). Felt at El Cerrito, Kensington and North Berkeley.
	25	14 11 34.5	39.552	N	26.058	E	24		3.9		0.8	44	TURKEY. ML 4.0 (ATH).
	25	14 23 36.7?	39.79	N	26.36	E	10	G			0.7	4	TURKEY
	25	14 46 45.9	41.468	N	20.537	E	10	G			0.9	12	ALBANIA. ML 2.5 (TTG).
	25	14 54 06.9%	39.080	N	27.538	E	10	G			0.1	5	TURKEY
	25	14 55 19.8	6.768	N	77.003	W	41	D	4.6	3.8	1.0	57	NEAR WEST COAST OF COLOMBIA
	25	15 44 10.8•	43.203	N	17.772	E	10	G			0.7	9	NORTHWESTERN BALKAN REGION. ML 2.4 (TTG).
	25	15 50 06.3	41.489	N	20.493	E	10	G			0.9	17	ALBANIA. ML 3.1 (TTG), 2.5 (TIR).
	25	16 43 09.8?	44.74	N	150.83	E	99	?	3.7		1.4	13	EAST OF KURIL ISLANDS
f	25	16 55 04.1	19.613	N	77.872	W	23	G	6.3	6.9	0.9	492	CUBA REGION. Ms 7.0 (BRK). Mo=5.0•10••19 Nm (PPT). Forty people injured and more than 820 buildings damaged in the Pilon-Manzanillo area. Felt at Guantanamo and in most of eastern Cuba as far away as Sancti Spiritus. Also felt on Jamaica. Depth from broadband displacement seismograms.
	25	17 24 08.8?	18.24	N	77.39	W	10	G			0.1	4	JAMAICA REGION. MD 2.4 (HOJ).
	25	17 36 42.1&	19.403	N	77.788	W	20	G				6	CUBA REGION. <HOJ>. MD 3.5 (HOJ).
	25	17 54 45.4•	51.599	N	7.597	E	10	G			0.3	5	GERMANY
	25	18 29 01.8	19.548	N	77.804	W	33	N	4.8		1.0	67	CUBA REGION
	25	18 48 32.5	19.504	N	77.848	W	33	N	4.7		1.2	70	CUBA REGION. MD 4.6 (HOJ). Felt (IV) on Jamaica.
	25	18 52 03.5	19.169	N	64.669	W	33	N	4.6		0.9	73	VIRGIN ISLANDS. MD 4.8 (TRN). Felt on St. Thomas. Also felt at Boyamon and Cotano, Puerto Rico.
	25	19 01 12.6	26.310	N	110.435	W	10	G	5.0	5.1	1.0	50	GULF OF CALIFORNIA
	25	19 15 36.3	19.578	N	77.825	W	33	N	4.3		0.9	32	CUBA REGION. MD 4.3 (HOJ). Felt (III) on Jamaica.
	25	19 16 23.2	41.463	N	20.431	E	10	G			1.2	17	ALBANIA. ML 3.0 (TTG), 2.7 (TIR).
	25	19 27 57.3•	19.568	N	77.675	W	33	N			0.3	6	CUBA REGION. MD 3.7 (HOJ).
	25	19 57 55.2%	37.323	N	2.108	W	10	G			0.5	5	SPAIN. mbLg 2.6 (MDD).
	25	20 05 37.4•	41.946	N	142.475	E	82	?	3.9		0.3	8	HOKKAIDO, JAPAN REGION
	25	20 14 01.6&	19.440	N	77.797	W	10	G				5	CUBA REGION. <HOJ>. MD 3.1 (HOJ).
	25	20 39 58.4?	41.85	N	19.65	E	10	G			0.8	9	ALBANIA. ML 1.8 (TTG).
	25	20 40 30.9	26.214	N	110.493	W	10	G	5.2	4.8	0.9	110	GULF OF CALIFORNIA
	25	20 51 09.7•	54.601	S	30.261	W	33	N	5.8	4.9	1.3	53	SOUTH SANDWICH ISLANDS REGION
	25	20 54 44.7&	19.424	N	77.686	W	10					6	CUBA REGION. <HOJ>. MD 3.4 (HOJ).
	25	21 01 00.9&	19.413	N	77.700	W	10	G				5	CUBA REGION. <HOJ>. MD 3.2 (HOJ).
	25	21 07 04.8	39.594	N	26.070	E	17		3.4		0.8	40	TURKEY. ML 3.8 (ATH).
	25	21 08 59.9%	41.870	N	19.645	E	10	G			0.6	9	ALBANIA. ML 2.1 (TTG).
	25	21 16 09.6&	19.432	N	77.695	W	10	G				6	CUBA REGION. <HOJ>. MD 3.3 (HOJ).
	25	21 23 22.7•	19.508	N	77.430	W	33	N	4.4		0.4	7	CUBA REGION. MD 4.2 (HOJ).
	25	21 36 26.2	19.475	N	77.886	W	33	N	4.4		0.9	32	CUBA REGION
	25	21 47 18.4?	25.92	N	110.48	W	10	G	3.9		0.8	10	GULF OF CALIFORNIA
	25	21 56 05.1•	43.573	N	18.415	E	10	G			0.9	10	NORTHWESTERN BALKAN REGION. ML 2.6 (TTG).
	25	21 58 46.3?	40.70	N	30.01	E	10	G			0.3	4	TURKEY
	25	22 13 46.8	12.875	N	88.598	W	78		4.8		1.1	98	OFF COAST OF CENTRAL AMERICA. Felt (IV) at San Salvador, El Salvador.
	25	23 06 07.6&	34.033	N	116.325	W	1					8	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	25	23 57 14.9•	19.662	N	77.550	W	33	N	3.8		0.2	7	CUBA REGION. MD 4.1 (HOJ).
	26	00 59 54.7	27.919	N	126.992	E	33	N	4.3		1.3	5	NORTHWEST OF RYUKYU ISLANDS
	26	01 16 49.8•	25.920	N	110.684	W	10	G	4.2		1.2	28	GULF OF CALIFORNIA
	26	01 23 38.0	21.084	S	67.318	W	159		4.9		0.9	83	CHILE-BOLIVIA BORDER REGION
	26	01 28 38.3?	19.18	N	77.39	W	33	N			0.2	5	CUBA REGION. MD 3.4 (HOJ).
	26	01 37 15.9•	38.005	S	175.792	E	249	•			0.5	25	NORTH ISLAND, NEW ZEALAND
	26	02 11 15.1	18.286	S	177.944	W	628	•	4.9		1.1	68	FIJI ISLANDS REGION
	26	02 11 28.1?	11.34	N	61.98	W	130	G			1.1	5	WINDWARD ISLANDS. MD 3.2 (TRN).
	26	02 24 15.2	6.617	S	147.347	E	10	G	4.6		1.8	23	EASTERN NEW GUINEA REG., P.N.G. ML 4.6 (PMG).
	26	03 04 44.2%	44.431	N	7.271	E	10	G			0.5	7	NORTHERN ITALY. ML 1.7 (GEN).
	26	03 22 04.4•	6.403	S	146.182	E	152	?	4.2		0.8	7	EASTERN NEW GUINEA REG., P.N.G.
	26	03 30 46.7%	38.861	N	26.992	E	10	G			0.5	7	AEGEAN SEA
	26	03 40 06.3	6.703	S	130.371	E	74	•	5.3		0.9	66	BANDA SEA
	26	03 44 40.1	26.081	N	126.270	E	88	•	4.9		0.9	64	RYUKYU ISLANDS
	26	04 35 55.5?	19.74	N	77.51	W	33	N	3.4		0.1	6	CUBA REGION. MD 3.4 (HOJ).
	26	05 08 00.9•	46.589	N	7.663	E	10	G			1.1	7	SWITZERLAND. ML 2.2 (LDG).
	26	05 09 10.0	46.625	N	7.246	E	10	G			0.7	9	SWITZERLAND. ML 2.7 (LDG).
	26	05 15 32.5?	32.94	S	72.21	W	10	G			0.3	9	OFF COAST OF CENTRAL CHILE. MD 3.4 (SAN).
	26	05 27 08.8	38.226	N	23.058	E	43		3.9		1.0	51	GREECE. MD 4.0 (ATH).
	26	06 00 55.5?	32.53	S	71.69	W	10	G			0.3	9	NEAR COAST OF CENTRAL CHILE
	26	06 10 05.3•	17.617	N	60.926	W	10	G			0.8	14	LEEWARD ISLANDS. ML 3.6 (FDF). MD 3.4 (TRN).
	26	06 58 08.5&	61.770	N	149.432	W	39					55	SOUTHERN ALASKA. <AEIC>. ML 2.7 (AEIC), 2.7 (PMR). Felt (II) at Palmer.
	26	08 29 22.3	41.471	N	20.491	E	10	G			0.6	11	ALBANIA. ML 2.5 (TTG).
	26	09 05 26.4%	37.001	N	3.796	W	10	G			1.3	6	SPAIN. mbLg 3.0 (MDD).
	26	09 05 51.5%	39.577	N	29.400	E	10	G			0.2	6	TURKEY
	26	09 30 22.0%	39.593	N	29.618	E	33	N			0.3	5	TURKEY
	26	09 45 18.9•	35.660	N	140.678	E	69	?	4.7		0.9	10	NEAR EAST COAST OF HONSHU, JAPAN

	26	09 55 01.3	16.082	N	61.519	W	18			0.6	15	LEEWARD ISLANDS. MD 3.1 (TRN). ML 2 9 (FDF).
	26	10 22 59.2?	66 48	N	14.93	E	10 G			0.6	4	NORTHERN NORWAY. MD 2.6 (BER).
	26	10 43 14.5?	15.68	N	108.78	E	33 N	3.8		1 0	5	SOUTHEAST ASIA
	26	11 59 35.7	6.794	N	72.993	W	158 D	5.1		0.9	99	NORTHERN COLOMBIA. Felt at Bucaramanga, Tunja, Duitama and Bogota.
	26	12 04 45.0%	42.776	N	19.194	E	10 G			0.3	6	NORTHWESTERN BALKAN REGION. ML 1.4 (TTG).
	26	12 49 15.8?	33.25	S	72.26	W	10 G			0.2	8	OFF COAST OF CENTRAL CHILE. MD 3.5 (SAN).
	26	13 14 23.1%	40.172	N	29.281	E	10 G			0.4	6	TURKEY
	26	13 33 05.8	33.479	N	140.961	E	69		5.3	0.9	42	SOUTH OF HONSHU, JAPAN
	26	14 50 01.9?	39.80	N	29.77	E	10 G			0.6	5	TURKEY
	26	15 14 09.2&	59.875	N	150.804	W	33				41	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.6 (AEIC).
	26	16 23 35.2	17.928	S	175.307	W	247 D	5.2		1.2	82	TONGA ISLANDS
o	26	16 28 10.3	3.269	S	135.834	E	55 D	5.4		1.2	82	IRIAN JAYA REGION, INDONESIA
	26	16 54 02.3?	3.26	N	128.05	E	68 ?	4.6		0.8	11	NORTH OF HALMAHERA, INDONESIA
	26	17 55 35.5•	4.964	S	139.580	E	33 N	4.5		1.6	9	IRIAN JAYA, INDONESIA
	26	18 16 46.7	42.797	N	12.744	E	14			1.0	31	CENTRAL ITALY. MD 3.5 (LJU). ML 3.3 (VIE), 3.1 (LDG).
	26	18 50 46.4?	60.40	N	4.59	E	10 G			1.0	4	SOUTHERN NORWAY. MD 1.9 (BER).
	26	18 52 01.3?	25.98	N	110.79	W	10 G	4.0		1.6	12	GULF OF CALIFORNIA
	26	18 56 54.8	20.100	N	121.396	E	53 •	4.9	4.3	0.9	57	PHILIPPINE ISLANDS REGION
	26	20 12 35.6&	34.051	N	116.315	W	1				10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	26	20 19 18.6	7.160	N	126.729	E	71 •	4.7		1.0	37	MINDANAO, PHILIPPINE ISLANDS
	26	20 42 49.6	25.983	N	110.492	W	10 G	4.5	4.5	1.0	27	GULF OF CALIFORNIA
	26	20 54 35.1	30.455	N	50.673	E	47 •	4.7		1.0	25	NORTHERN IRAN. Felt at Behbahan.
	26	21 13 56.5?	55.28	N	163.56	E	33 N	4.5		0.6	27	OFF EAST COAST OF KAMCHATKA
	26	21 14 14.9%	42.749	N	18.444	E	10 G			0.3	8	NORTHWESTERN BALKAN REGION. ML 1.5 (TTG).
	26	21 47 17.3	22.975	N	121.329	E	33 N	4.2		1.0	20	TAIWAN REGION
	26	23 19 53.3	23.156	N	121.227	E	10 G	3.4		1.2	9	TAIWAN
	26	23 39 37.7%	34.238	S	70.964	W	80 G			0.2	8	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	27	00 39 48.1•	31.634	S	69.036	W	125 •			0.7	13	SAN JUAN PROVINCE, ARGENTINA. MD 3.9 (SAN).
	27	00 44 20.8?	43.22	N	12.69	E	10 G			0.1	4	CENTRAL ITALY
	27	00 48 37.1%	38.199	S	177.388	E	90 G			1.6	23	NORTH ISLAND, NEW ZEALAND
	27	00 54 34.8	12.191	N	57.859	E	10 G	4.8	4.3	0.9	78	ARABIAN SEA
	27	01 14 31.7	39.258	N	28.187	E	10 G			0.6	9	TURKEY
	27	01 25 17.1?	37.54	N	21.18	E	10 G			0.2	4	SOUTHERN GREECE. ML 3.1 (ATH).
	27	02 29 33.0%	38.964	N	3.522	W	10 G			1.4	5	SPAIN. mbLg 2.7 (MDD).
	27	02 38 55.0?	32.86	S	176.81	W	33 N	5.0		0.3	10	SOUTH OF KERMADEC ISLANDS
	27	02 47 09.3?	22.55	N	94.14	E	33 N	4.6		0.7	8	MYANMAR
	27	03 56 13.0	19.431	N	64.651	W	10 G	3.6		0.9	12	VIRGIN ISLANDS
	27	04 28 04.4?	18.88	N	65.43	W	10 G			0.4	8	PUERTO RICO REGION
	27	05 04 03.9%	33.494	S	70.591	W	80 G			0.3	8	CHILE-ARGENTINA BORDER REGION. MD 3.2 (SAN).
f	27	05 13 38.8	11.122	S	165.239	E	19 G	6.3	7.0	0.9	456	SANTA CRUZ ISLANDS. Ms 7.3 (BRK). Mo=1.0•10••20 Nm (PPT). Felt strongly at Lata Station, Santa Cruz. A small tsunami was observed. Depth from broadband displacement seismograms.
	27	05 20 28.3•	10.914	S	165.285	E	33 N			1.1	11	SANTA CRUZ ISLANDS
	27	05 35 11.7	10.865	S	165.155	E	33 N	5.1		1.0	42	SANTA CRUZ ISLANDS
	27	05 52 08.6%	33.788	S	71.589	W	10 G			0.7	8	NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).
	27	05 59 37.9	19.378	N	64.618	W	33 N	3.6		0.7	11	VIRGIN ISLANDS
	27	06 05 45.4	11.273	S	165.173	E	33 N	5.2		1.1	30	SANTA CRUZ ISLANDS
	27	06 35 58.2•	11.097	S	165.178	E	33 N	4.8		0.9	10	SANTA CRUZ ISLANDS
	27	07 21 28.0?	10.75	S	165.63	E	33 N	4.7		0.8	7	SANTA CRUZ ISLANDS
	27	07 26 31.3?	39.68	N	27.77	E	10 G			0.8	6	TURKEY
	27	07 33 16.7?	39.46	N	28.85	E	5 G			0.3	5	TURKEY
	27	07 55 50.8&	44.814	N	128.808	W	10 G				23	OFF COAST OF OREGON. <SEA>.
	27	08 04 32.1•	51.596	N	7.560	E	10 G			0.9	6	GERMANY. ML 2.6 (BNS). Felt at Bergkamen. Probable rockburst.
	27	08 21 54.6	35.915	N	141.046	E	49 •	4.8		1.2	39	NEAR EAST COAST OF HONSHU, JAPAN
	27	08 24 53.8•	32.500	S	69.929	W	144 ?			0.3	11	MENDOZA PROVINCE, ARGENTINA. MD 4.1 (SAN).
	27	08 34 28.3•	11.396	S	165.057	E	33 N	4.6		1.1	18	SANTA CRUZ ISLANDS
	27	12 02 48.7	1.493	N	99.065	E	126		5.1	0.8	108	NORTHERN SUMATERA, INDONESIA
	27	12 10 17.3?	39.14	N	27.56	E	10 G			1.1	4	TURKEY
	27	12 25 01.7?	14.77	N	60.82	W	33 N			0.2	4	WINDWARD ISLANDS. ML 2.0 (FDF).
o	27	12 33 24.8	11.106	S	165.532	E	23 D	4.8	5.1	1.3	34	SANTA CRUZ ISLANDS
	27	13 19 28.9?	18.00	N	64.82	W	10 G			0.1	5	VIRGIN ISLANDS
	27	13 22 40.6?	11.28	S	164.93	E	33 N	4.5		1.8	8	SANTA CRUZ ISLANDS REGION
	27	14 03 34.8•	6.297	S	147.598	E	55 •	4.5		1.2	11	EASTERN NEW GUINEA REG., P.N.G.
	27	15 09 25.5&	58.167	N	142.543	W	10 G				33	GULF OF ALASKA. <AEIC>. ML 2.5 (AEIC).
	27	15 32 36.5&	40.243	N	124.553	W	8		3.1		15	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.4 (BRK), 3.5 (GS). Felt (IV) at Honeydew. Felt strongly at Petrolia. Also felt at Eureka.
	27	15 34 40.3•	28.463	N	129.641	E	33 N	3.8		0.8	8	RYUKYU ISLANDS
	27	16 33 46.1?	36.51	N	140.99	E	33 N	4.2		1.0	8	NEAR EAST COAST OF HONSHU, JAPAN
	27	16 43 48.1•	11.064	S	165.437	E	33 N	4.7	4.5	1.1	11	SANTA CRUZ ISLANDS
	27	17 12 09.4&	33.963	N	116.342	W	6				5	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
o	27	17 18 18.1	31.283	N	141.511	E	33 N	5.0	5.0	0.8	65	SOUTH OF HONSHU, JAPAN
	27	17 31 00.3	1.138	S	127.190	E	34 D	5.1	4.7	1.2	58	HALMAHERA, INDONESIA
	27	17 45 49.2?	39.70	N	27.76	E	10 G			0.8	8	TURKEY
	27	18 13 06.4?	44.24	N	11.47	E	10 G			0.2	5	NORTHERN ITALY
	27	18 13 58.3	44.191	N	11.522	E	24			1.0	80	NORTHERN ITALY. ML 4.0 (STR), 3.9 (ZAG), 3.7 (VIE). MD 3.8 (FIR).
	27	18 17 47.6•	44.178	N	11.424	E	10 G			0.5	6	NORTHERN ITALY
	27	18 18 23.1	44.229	N	11.502	E	10 G	3.5		1.1	71	NORTHERN ITALY. ML 3.8 (ZAG), 3.7 (VIE), 3.6 (LDG).
	27	18 20 47.6	44.248	N	11.695	E	10 G			0.9	16	NORTHERN ITALY. MD 3.5 (TRI).
	27	18 21 10.6•	40.762	N	72.323	E	33 N	3.8		0.9	11	KYRGYZSTAN
	27	18 28 42.4?	45.26	N	11.86	E	10 G			0.3	5	NORTHERN ITALY. MD 3.0 (FIR).
	27	18 29 50.0	44.228	N	11.484	E	5 G			0.6	14	NORTHERN ITALY. ML 2.7 (LDG).
	27	18 32 08.0?	43.95	N	11.34	E	5 G			0.1	4	CENTRAL ITALY
	27	18 34 36.2	44.224	N	11.458	E	5 G			0.3	8	NORTHERN ITALY. MD 2.6 (FIR).
	27	18 36 35.2	44.225	N	11.390	E	10 G			1.1	30	NORTHERN ITALY. ML 3.4 (ZAG).
	27	18 40 13.6	44.080	N	11.472	E	10 G			1.2	8	NORTHERN ITALY. MD 2.6 (FIR).
	27	18 44 21.1?	44.57	N	11.60	E	5 G			0.7	4	NORTHERN ITALY
	27	18 48 01.2?	44.35	N	11.55	E	10 G			0.5	6	NORTHERN ITALY. MD 2.6 (FIR).
	27	19 06 09.7&	40.368	N	124.417	W	16				12	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.2 (BRK). Felt

													at Petrolia.
	27	19	08	26.7%	40.738	N	29.537	E	10	G		1 2	5 TURKEY
	27	19	17	02.1&	62.059	N	149.783	W	46				84 CENTRAL ALASKA. <AEIC>. ML 3.4 (AEIC), 3.7 (PMR). Felt (I) at Talkeetna and Willow.
	27	19	28	02.3•	31.237	N	141.392	E	33	N	4.6	0.9	14 SOUTH OF HONSHU, JAPAN
	27	19	56	28.5%	43.972	N	11.658	E	5	G		0.8	5 CENTRAL ITALY
	27	20	05	04.2•	31.334	N	141.866	E	33	N	4.8	0.9	15 SOUTH OF HONSHU, JAPAN
	27	20	13	32.5%	44.315	N	11.518	E	10	G		0.3	6 NORTHERN ITALY
	27	20	26	31.3	44.230	N	11.458	E	10	G		1.1	31 NORTHERN ITALY. ML 3.0 (LDG).
	27	20	40	53.2•	51.047	N	15.877	E	10	G		1.5	6 POLAND. MG 2.8 (WAR).
	27	20	59	14.9?	20.03	N	75.57	W	33	N		0.7	6 CUBA REGION. MD 3.8 (HOJ). Felt in Santiago de Cuba and Guantanamo Provinces. Also felt at Guantanamo Bay.
	27	21	07	53.5?	40.21	N	27.72	E	10	G		0.7	4 TURKEY
	27	21	16	32.9	51.577	N	16.172	E	26		4.0	0.8	18 POLAND. ML 3.7 (GRF), 3.7 (VIE).
	27	21	19	40.3•	12.571	S	70.843	W	33	N	4.2	1.3	11 CENTRAL PERU
	27	22	10	33.7%	44.126	N	11.420	E	10	G		0.2	5 NORTHERN ITALY
a	27	22	30	35.2	41.616	S	173.727	E	85	D	5.8	1.1	125 SOUTH ISLAND, NEW ZEALAND. Mo=1.0•10••18 Nm (PPT). Slight damage (VI) at Nelson, South Island and Wellington, North Island. Felt strongly in central New Zealand and as far away as Auckland and Dunedin.
	28	00	34	36.2	42.030	N	21.351	E	10	G		1.1	12 NORTHWESTERN BALKAN REGION. ML 2.7 (SKO), 2.5 (TTG). Felt (III) in the Skopje, Yugoslavia area.
	28	01	07	43.7	41.789	N	20.611	E	10	G		0.9	10 ALBANIA. ML 2.3 (TTG).
	28	01	33	50.3?	25.97	N	125.26	E	50	?	4.4	0.8	15 SOUTHWESTERN RYUKYU ISLANDS
	28	02	51	00.5?	44.39	N	11.58	E	10	G		1.0	7 NORTHERN ITALY. MD 2.3 (FIR).
	28	02	52	16.3?	44.36	N	11.58	E	10	G		0.9	6 NORTHERN ITALY. MD 2.3 (FIR).
	28	02	54	08.8•	44.384	N	11.618	E	10	G		0.3	7 NORTHERN ITALY. MD 2.6 (FIR).
	28	03	00	44.2•	33.916	S	70.541	W	10	G		1.1	12 CHILE-ARGENTINA BORDER REGION. MD 3.8 (SAN).
	28	03	29	03.2?	34.20	S	70.22	W	10	G		0.3	8 CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
	28	03	46	32.5	33.935	S	70.501	W	10	G		0.8	14 CHILE-ARGENTINA BORDER REGION. MD 4.0 (SAN).
	28	04	02	40.1	15.110	N	147.582	E	34	D	4.9 4.2	0.9	65 MARIANA ISLANDS REGION
	28	04	13	20.3	39.191	N	27.643	E	10	G		0.3	8 TURKEY
	28	04	24	08.1&	60.177	N	153.257	W	147				65 SOUTHERN ALASKA. <AEIC>.
	28	04	53	23.5	15.112	N	147.568	E	33	N	4.4	0.8	27 MARIANA ISLANDS REGION
	28	05	13	49.6&	59.861	N	150.401	W	0				52 KENAI PENINSULA, ALASKA. <AEIC>. ML 2.9 (AEIC).
	28	06	00	09.2?	34.19	S	70.20	W	10	G		0.3	8 CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	28	07	07	29.9	15.148	N	147.580	E	35	D	4.6 4.2	1.0	43 MARIANA ISLANDS REGION
	28	07	18	22.1%	40.550	N	28.113	E	10	G		0.5	5 TURKEY
	28	07	39	41.8?	18.37	N	103.56	W	57	?	3.8	1.5	13 NEAR COAST OF MICHOACAN, MEXICO
	28	07	51	37.7•	11.888	N	88.835	W	33	N	4.7	1.1	27 OFF COAST OF CENTRAL AMERICA. Felt (III) at Usulutan, El Salvador.
	28	07	52	35.0?	43.84	N	7.34	E	10	G		0.1	4 NEAR SOUTH COAST OF FRANCE. ML 2.2 (LDG).
	28	08	12	36.9	15.335	N	61.076	W	118	•		0.7	16 LEEWARD ISLANDS. MD 3.5 (TRN).
	28	08	48	18.8•	34.622	N	5.699	W	33	N		1.2	10 MOROCCO. MD 3.5 (RBA).
	28	08	51	09.9&	42.640	N	129.504	W	10	G			35 OFF COAST OF OREGON. <SEA>.
	28	08	54	10.0?	44.36	N	11.46	E	10	G		0.8	4 NORTHERN ITALY
	28	08	55	04.1%	44.108	N	11.400	E	10	G		0.7	8 NORTHERN ITALY
	28	09	04	44.5?	33.72	S	71.97	W	33	N		0.9	8 NEAR COAST OF CENTRAL CHILE. MD 3.4 (SAN).
	28	09	05	27.6%	43.651	N	11.873	E	10	G		0.7	5 CENTRAL ITALY
	28	09	09	50.4?	44.19	N	11.51	E	10	G		0.6	4 NORTHERN ITALY
	28	09	24	59.7%	40.028	N	29.094	E	10	G		0.9	5 TURKEY
a	28	09	27	07.5	30.650	S	178.162	W	27	G	5.8 5.2	1.1	246 KERMADEC ISLANDS, NEW ZEALAND. Felt on Raoul Island. Depth from broadband displacement seismograms.
	28	09	30	00.1?	44.33	N	11.52	E	10	G		0.6	5 NORTHERN ITALY
	28	09	40	51.0?	44.12	N	11.49	E	10	G		0.5	4 NORTHERN ITALY
	28	09	41	31.7	44.241	N	11.481	E	10	G		0.7	14 NORTHERN ITALY. MD 3.1 (TRI).
	28	09	43	12.1	44.206	N	11.432	E	10	G		1.2	12 NORTHERN ITALY
	28	09	51	00.5?	39.07	N	27.57	E	10	G		0.6	4 TURKEY
	28	09	52	06.5	37.532	N	29.825	E	10	G	4.0	0.9	43 TURKEY
	28	09	52	41.4	44.209	N	11.485	E	10	G		0.7	22 NORTHERN ITALY. MD 3.1 (FIR). ML 2.9 (LDG).
	28	09	53	20.4	23.184	N	92.024	E	33	N	4.5	0.7	17 INDIA-BANGLADESH BORDER REGION
	28	10	00	02.9?	44.94	N	12.10	E	10	G		0.8	6 NORTHERN ITALY
	28	10	15	11.8%	44.071	N	11.420	E	10	G		0.4	7 NORTHERN ITALY
	28	10	21	33.2?	44.27	N	11.52	E	10	G		0.4	4 NORTHERN ITALY
	28	10	42	55.8%	44.233	N	11.457	E	10	G		0.5	7 NORTHERN ITALY
	28	10	45	03.5%	44.286	N	11.432	E	10	G		0.4	6 NORTHERN ITALY
	28	10	59	20.7%	44.305	N	11.543	E	10	G		0.3	6 NORTHERN ITALY
	28	11	00	08.1%	44.126	N	11.506	E	10	G		0.9	5 NORTHERN ITALY
	28	11	00	59.5?	44.24	N	11.54	E	10	G		0.7	5 NORTHERN ITALY
	28	11	30	28.9	39.316	N	30.394	E	10	G		0.9	9 TURKEY. MG 2.8 (DDA).
	28	11	37	58.6%	36.873	N	3.575	W	13			0.8	10 STRAIT OF GIBRALTAR. mbLg 2.7 (MDD). Felt (III) in southern Granada Province, Spain.
	28	11	54	02.3	44.235	N	11.456	E	10	G		0.9	28 NORTHERN ITALY. ML 3.0 (LDG).
	28	11	59	56.5&	34.306	N	119.350	W	13				6 SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	28	12	01	02.8%	44.157	N	11.440	E	10	G		0.2	6 NORTHERN ITALY
	28	12	16	57.5?	44.04	N	11.36	E	10	G		0.1	4 NORTHERN ITALY
	28	12	22	02.2?	34.19	S	70.22	W	10	G		0.3	8 CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	28	12	22	32.0	44.002	N	11.366	E	10	G		1.3	9 NORTHERN ITALY
	28	12	22	42.7	44.058	N	11.569	E	16			1.0	23 NORTHERN ITALY. ML 3.2 (LDG), 2.8 (LJU).
	28	12	23	27.8%	43.840	N	11.333	E	10	G		0.6	10 CENTRAL ITALY
	28	12	25	16.8%	44.105	N	11.408	E	10	G		0.6	5 NORTHERN ITALY
	28	12	25	51.8	44.485	N	11.653	E	10	G		0.9	21 NORTHERN ITALY
	28	12	26	05.9	44.151	N	11.463	E	10	G	3.4	1.1	59 NORTHERN ITALY. ML 4.3 (VIE), 4.1 (STR), 3.9 (LDG).
	28	12	29	19.6%	43.911	N	11.284	E	10	G		0.6	5 CENTRAL ITALY
	28	12	32	18.7?	44.32	N	11.63	E	10	G		0.6	4 NORTHERN ITALY
	28	12	32	32.5	44.287	N	11.629	E	10	G		1.4	15 NORTHERN ITALY. MD 3.2 (TRI). ML 2.9 (LDG).
	28	12	33	13.9%	44.192	N	11.479	E	10	G		0.9	8 NORTHERN ITALY
	28	12	34	43.5%	44.137	N	11.447	E	10	G		0.9	8 NORTHERN ITALY
	28	12	35	22.8	44.210	N	11.465	E	10	G		0.8	20 NORTHERN ITALY. ML 2.8 (LDG).
	28	12	39	44.5%	44.133	N	11.469	E	10	G		0.2	6 NORTHERN ITALY
	28	12	41	28.3%	44.221	N	11.437	E	10	G		0.4	9 NORTHERN ITALY
	28	12	48	20.4%	44.172	N	11.508	E	10	G		0.9	10 NORTHERN ITALY
	28	13	04	18.7%	44.153	N	11.460	E	10	G		0.5	5 NORTHERN ITALY

	28	13	10	18.5%	41.300	N	29.267	E	10	G		0.0	5	TURKEY
	28	13	14	12.1%	44.107	N	11.405	E	10	G		0.8	8	NORTHERN ITALY
	28	13	19	57.9?	44.41	N	11.67	E	10	G		0.7	5	NORTHERN ITALY
	28	13	20	36.9?	44.46	N	11.69	E	10	G		0.9	5	NORTHERN ITALY
	28	13	48	36.5?	44.42	N	8.35	E	10	G		1.0	6	NORTHERN ITALY. ML 2.5 (LDG).
	28	14	08	12.6	22.928	N	94.660	E	90		4.6	0.9	49	MYANMAR
	28	14	10	39.6	44.177	N	11.508	E	16		3.4	1.2	72	NORTHERN ITALY. ML 3.7 (VIE), 3.6 (LDG). MD 3.5 (TRI).
	28	14	11	38.6	44.195	N	11.465	E	10	G	3.2	1 1	18	NORTHERN ITALY. MD 3.6 (TRI).
	28	14	15	06.1?	44.62	N	11.84	E	10	G		0.2	5	NORTHERN ITALY
	28	14	20	28.6%	44.108	N	11.437	E	10	G		0.5	6	NORTHERN ITALY
	28	14	25	32.9?	44.19	N	11.51	E	10	G		0.3	4	NORTHERN ITALY
	28	14	40	37.1	27.060	N	53.414	E	33	N	4.4	1.0	38	SOUTHERN IRAN
	28	14	59	46.8	40.199	N	29.363	E	10	G		0.9	9	TURKEY. MG 2.7 (DDA).
	28	15	02	03.5	40.412	N	30.856	E	10	G		0.8	12	TURKEY. MG 3.0 (DDA).
	28	15	06	57.9	44.258	N	11.484	E	10	G		0.9	13	NORTHERN ITALY
	28	15	21	00.3%	44.165	N	11.534	E	10	G		0.7	6	NORTHERN ITALY
	28	15	22	03.5*	19.910	N	94.400	E	33	N		1.5	9	MYANMAR
	28	15	32	20.3%	44.227	N	11.434	E	10	G		0.6	10	NORTHERN ITALY
	28	15	37	27.5?	53.06	N	157.66	E	33	N	4.1	1.2	7	KAMCHATKA
	28	16	27	04.1?	6.13	S	129.62	E	200	G	4.6	1.0	7	BANDA SEA
	28	16	39	31.9%	44.292	N	11.532	E	10	G		0.5	6	NORTHERN ITALY
	28	16	41	06.5%	37.058	N	3.861	W	10	G		0.9	8	SPAIN. mbLg 2.7 (MDD).
	28	16	43	16.7	44.241	N	11.442	E	10	G		0.8	13	NORTHERN ITALY
	28	17	12	47.4%	44.232	N	11.485	E	10	G		0.6	6	NORTHERN ITALY
	28	17	28	55.2%	44.081	N	11.373	E	10	G		0.9	10	NORTHERN ITALY
	28	17	44	09.1%	44.185	N	11.497	E	10	G		0.7	6	NORTHERN ITALY
	28	17	56	01.1*	2.389	N	128.485	E	140	G	5.0	0.9	13	HALMAHERA, INDONESIA
	28	17	56	16.9%	44.208	N	11.547	E	10	G		1.0	6	NORTHERN ITALY
	28	17	56	55.2?	44.28	N	11.52	E	10	G		1.1	5	NORTHERN ITALY
a	28	17	58	34.1	35.638	N	140.525	E	65		5.0	0.9	131	NEAR EAST COAST OF HONSHU, JAPAN
	28	18	48	13.0*	15.109	N	147.708	E	33	N	4.2 4.7	1.2	18	MARIANA ISLANDS REGION
	28	19	10	08.3*	16.239	N	143.374	E	33	N	4.1	0.8	7	MARIANA ISLANDS REGION
	28	19	22	56.7*	15.474	S	174.820	W	261	*	4.9	1.0	23	TONGA ISLANDS
	28	19	26	07.4?	44.02	N	11.82	E	10	G		0.3	4	NORTHERN ITALY
	28	19	58	34.5	5.259	N	124.722	E	394	?	4.5	1.0	33	MINDANAO, PHILIPPINE ISLANDS
	28	20	28	05.5?	34.97	S	70.35	W	140	G		0.2	6	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
	28	20	40	36.3?	24.03	N	122.72	E	10	G		0.4	5	TAIWAN REGION
	28	20	42	16.0	23.072	N	121.325	E	24		4.8	1.1	52	TAIWAN
	28	21	03	23.0*	52.879	N	152.834	E	323	?	3.9	0.5	15	NORTHWEST OF KURIL ISLANDS
	28	21	08	45.3*	31.864	N	131.824	E	58	*	4.3	1.1	11	KYUSHU, JAPAN
a	28	21	24	46.3	47.625	N	155.562	E	14	G	6.0 5.4	0.9	470	EAST OF KURIL ISLANDS. Mo=7.9*10**17 Nm (PPT). Depth from broadbond displacement seismograms.
	28	21	52	30.2&	33.958	N	116.339	W	6				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.0 (GS).
	28	22	26	00.2%	32.887	S	70.222	W	110	G		0.3	10	CHILE-ARGENTINA BORDER REGION. MD 3.8 (SAN).
	28	22	31	40.1*	7.321	N	127.025	E	73	?	4.3	1.4	20	PHILIPPINE ISLANDS REGION
	28	22	32	22.3?	17.75	N	66.04	W	10	G		1.2	5	PUERTO RICO REGION
	28	22	54	25.9	4.724	N	126.098	E	33	N	4.9	1.1	32	TALAUD ISLANDS, INDONESIA
a	28	23	19	34.9	23.105	N	121.409	E	17	D	5.4 5.2	1.0	214	TAIWAN. Some minor damage in the Hua-lien area.
	29	00	11	14.0%	44.042	N	11.467	E	10	G		0.6	5	NORTHERN ITALY
	29	00	12	24.6?	29.69	S	178.31	W	90	?	5.0	1.2	6	KERMADEC ISLANDS, NEW ZEALAND
	29	00	12	51.3%	44.209	N	11.550	E	10	G		1.1	11	NDRTHERN ITALY
	29	00	45	46.8*	42.813	N	0.641	E	10	G		1.5	7	PYRENEES. ML 2.8 (LDG).
	29	01	42	04.0?	33.27	S	70.21	W	102	?		0.3	9	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	29	01	54	08.1&	33.947	N	116.341	W	6				5	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	29	02	13	00.3	45.297	N	2.972	E	5	G		0.6	12	FRANCE. ML 2.4 (STR), 2.1 (LDG).
	29	02	52	40.9%	40.941	N	27.432	E	10	G		0.5	8	TURKEY
	29	03	09	18.6	44.209	N	11.490	E	11			1.1	53	NORTHERN ITALY. MD 3.4 (FIR). ML 3.1 (LDG).
	29	03	51	32.7%	44.175	N	11.485	E	10	G		0.8	6	NORTHERN ITALY
	29	03	58	43.7?	11.10	S	165.35	E	33	N	4.3	1.0	5	SANTA CRUZ ISLANDS
	29	06	29	09.9?	5.84	S	133.72	E	33	N	4.3	1.5	7	ARU ISLANDS REGION, INDONESIA
	29	06	29	46.0*	17.277	N	101.124	W	53	?	4.0	1.4	12	NEAR COAST OF GUERRERO, MEXICO
	29	06	55	55.9	37.530	N	36.816	E	10	G	4.2	1.2	15	TURKEY. ML 4.3 (CSS).
	29	07	12	13.3&	37.671	N	118.857	W	4				9	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM).
	29	07	26	54.8	43.102	N	0.344	W	10	G		0.2	14	PYRENEES. ML 3.2 (LDG). Felt (IV) at Bearn and in the Ossau Valley, France.
	29	07	35	57.8?	13.37	N	91.34	W	33	N	3.6	1.6	5	NEAR COAST OF GUATEMALA
	29	07	43	37.4?	44.22	N	11.52	E	10	G		0.5	5	NORTHERN ITALY
a	29	07	47	33.1	10.891	S	165.238	E	33	N	5.3 5.2	0.9	83	SANTA CRUZ ISLANDS
	29	08	02	09.7*	11.243	S	165.133	E	33	N	4.5	1.4	11	SANTA CRUZ ISLANDS
	29	08	25	17.8%	37.296	N	2.359	W	10	G		0.9	7	SPAIN. mbLg 3.1 (MDD).
a	29	08	32	09.8	47.728	N	155.630	E	45	D	5.5 4.9	0.9	222	EAST OF KURIL ISLANDS
	29	08	33	27.1%	39.337	N	27.554	E	10	G		0.9	6	TURKEY
	29	08	35	46.5*	47.740	N	155.449	E	33	N	4.5	0.7	16	EAST OF KURIL ISLANDS
	29	09	22	08.2*	10.965	S	165.335	E	33	N	4.7	1.3	15	SANTA CRUZ ISLANDS
	29	09	45	25.9?	25.33	S	180.00	E	526	?	4.8	1.3	11	SOUTH OF FIJI ISLANDS
	29	10	04	58.8&	37.313	N	121.748	W	10				18	CENTRAL CALIFORNIA. <BRK>. ML 2.9 (BRK).
	29	10	06	20.5?	10.83	S	165.62	E	34	?	4.6	1.0	10	SANTA CRUZ ISLANDS
	29	10	16	38.3*	28.709	N	51.475	E	33	N	4.4	1.3	14	SOUTHERN IRAN
	29	10	30	02.7%	44.152	N	11.487	E	10	G		0.4	6	NORTHERN ITALY
	29	10	53	30.8*	19.388	N	77.825	W	33	N	3.9	1.5	11	CUBA REGION. MD 4.1 (HOJ). Felt (IV) in the Pilon area.
	29	11	35	11.0*	41.162	N	20.265	E	10	G		0.8	12	ALBANIA. ML 2.6 (TTG), 2.6 (SKO).
	29	11	36	10.4?	37.49	S	179.47	E	114	*	4.8	1.4	14	OFF E. COAST OF N. ISLAND, N.Z.
	29	12	01	37.5	39.573	N	30.001	E	10	G		1.0	6	TURKEY. MG 2.7 (DDA).
	29	12	07	01.6	4.458	S	134.158	E	33	N	4.7	0.8	13	IRIAN JAYA REGION, INDONESIA
	29	12	15	34.9	42.403	N	18.621	E	10	G		1.0	17	NORTHWESTERN BALKAN REGION. ML 2.8 (TTG), 2.8 (TIR).
	29	12	15	52.0*	37.387	N	71.861	E	33	N	4.5	0.8	10	AFGHANISTAN-TAJIKISTAN BORD REG.
a	29	12	39	22.6	27.220	N	127.473	E	95	D	5.3	0.9	171	RYUKYU ISLANDS. Felt (IV) on Okinawa.
	29	13	33	24.3%	39.056	N	27.637	E	10	G		0.4	7	TURKEY
	29	13	45	21.4	41.621	N	20.623	E	10	G		1.2	26	ALBANIA. ML 3.4 (TTG), 3.3 (TIR). MD 3.4 (ATH). Felt (V) in the Debar, Yugoslavia area.
	29	13	47	11.3%	18.855	N	65.154	W	33	N		0.3	8	PUERTO RICO REGION
	29	14	06	12.8	41.709	S	173.740	E	109			0.6	33	SOUTH ISLAND, NEW ZEALAND
	29	14	41	07.4%	38.899	N	29.832	E	10	G		0.9	6	TURKEY

	29	14 53 34.6	10 854	S	165.300	E	33	N	5.0	4.1	1.1	29	SANTA CRUZ ISLANDS
	29	15 49 16.7•	38.537	N	20.263	E	10	G			1.4	6	GREECE. MD 3.3 (ATH).
	29	15 59 36.7%	44.226	N	11.550	E	10	G			1.1	9	NORTHERN ITALY
	29	16 04 26.2?	44.29	N	11.57	E	10	G			0.8	4	NORTHERN ITALY
	29	16 09 02.9•	11.083	S	165.096	E	33	N	4.7	4.1	1.2	14	SANTA CRUZ ISLANDS
	29	16 32 08.2	7.145	N	126.833	E	68	•	4.5		1.2	47	MINDANAO, PHILIPPINE ISLANDS
	29	17 03 01.8&	35.831	N	120.377	W	7					9	CENTRAL CALIFORNIA. <GM-P>. MD 3.2 (GM). ML 3.0 (GS), 3.2 (PAS).
	29	17 15 53.0?	23.27	S	179.59	W	555	?	4.6		1.1	34	SOUTH OF FIJI ISLANDS
	29	18 33 26.5%	60.561	N	4.834	E	10	G			0.5	5	SOUTHERN NORWAY. MD 2.4 (BER).
	29	18 34 34.0?	47.40	N	155.47	E	33	N	4.1		0.9	5	EAST OF KURIL ISLANDS
	29	18 54 23.0•	18.751	N	102.849	W	79	•	3.1		1.4	11	MICHOACAN, MEXICO
	29	18 58 10.5%	40.780	N	27.457	E	10	G			0.4	11	TURKEY
	29	20 00 07.6?	11.84	S	122.34	E	33	N	4.1		1.1	7	SOUTH OF TIMOR, INDONESIA
	29	20 31 33.9?	8.51	S	148.70	E	59	?	3.9		0.2	9	EASTERN NEW GUINEA REG., P.N.G.
	29	20 38 05.3?	17.93	S	179.08	W	651	?	4.6		0.7	11	FIJI ISLANDS REGION
	29	21 16 53.0?	44.20	N	11.45	E	10	G			0.6	4	NORTHERN ITALY
	29	21 26 57.9?	19.23	N	64.47	W	33	N	3.6		0.2	8	VIRGIN ISLANDS
a	29	21 28 25.9	7.500	N	126.910	E	46	D	5.0	4.7	1.0	69	MINDANAO, PHILIPPINE ISLANDS
a	29	21 52 26.8	31.170	N	141.731	E	19	D	5.6	5.7	1.1	300	SOUTH OF HONSHU, JAPAN. Mo=2.5•10••18 Nm (PPT).
	29	22. 21 36.8?	31.16	N	141.66	E	44	?	4.2		0.6	8	SOUTH OF HONSHU, JAPAN
	29	22 43 32.2•	7.118	S	129.171	E	33	N	4.6		0.7	10	BANDA SEA
a	29	22 52 34.5	1.819	N	127.494	E	123		5.6		0.9	125	HALMAHERA, INDONESIA
	29	23 31 33.7•	34.674	N	32.971	E	10	G	3.4		1.5	6	CYPRUS REGION. ML 3.6 (CSS). Felt (IV) at Limassol.
	29	23 37 41.1?	34.72	N	32.90	E	10	G	3.7		0.2	4	CYPRUS REGION. ML 3.6 (CSS).
	29	23 50 01.2&	63.121	N	150.550	W	121					55	CENTRAL ALASKA. <AEIC>.
	30	00 18 09.0•	35.340	N	70.471	E	78	?	4.4		1.3	26	HINDU KUSH REGION, AFGHANISTAN
	30	00 23 17.6	44.916	N	114.599	W	5	G			0.9	26	WESTERN IDAHO. ML 3.7 (GS), 3.6 (BUT).
	30	00 26 34.3•	18.117	S	178.446	W	626	?	4.7		1.0	61	FIJI ISLANDS REGION
	30	00 50 51.9	16.758	N	62.026	W	10	G	3.1		0.8	21	LEEWARD ISLANDS. ML 3.7 (FDF). MD 3.6 (TRN).
	30	01 41 16.9?	46.23	N	15.03	E	10	G			0.8	4	NORTHWESTERN BALKAN REGION. MD 2.6 (LJU).
	30	02 01 13.0•	25.675	S	70.851	W	44	?	3.9		0.7	8	NEAR COAST OF NORTHERN CHILE
	30	02 08 44.5•	51.618	N	7.694	E	5	G			0.4	7	GERMANY. ML 2.9 (LDG), 2.4 (BNS). Felt at Dortmund-Derne. Probable rockburst.
	30	02 09 35.2?	51.32	N	15.96	E	10	G			0.2	4	POLAND
	30	04 16 09.7?	30.17	S	67.77	W	60	G			0.8	5	SAN JUAN PROVINCE, ARGENTINA
	30	04 54 51.6?	15.10	N	60.20	W	10	G			0.3	6	LEEWARD ISLANDS. ML 2.7 (FDF).
	30	05 10 18.2?	18.18	N	67.04	W	33	N			1.4	7	MONA PASSAGE
	30	05 37 44.4•	23.981	S	175.333	W	33	N	5.2	4.5	1.1	35	TONGA ISLANDS REGION
	30	06 19 28.2	38.999	N	27.783	E	10	G			0.2	8	TURKEY
	30	06 29 34.6•	30.476	S	178.122	W	33	N	5.4		1.3	11	KERMADEC ISLANDS, NEW ZEALAND
	30	07 03 23.4?	44.35	N	11.45	E	10	G			0.0	4	NORTHERN ITALY
	30	07 20 44.0	41.686	N	20.491	E	10	G			1.1	13	ALBANIA. ML 3.5 (SKO), 3.2 (TIR).
	30	07 44 54.4•	19.439	N	64.685	W	10	G	3.4		0.3	9	VIRGIN ISLANDS
	30	08 03 59.9•	27.251	N	142.514	E	33	N	4.5		1.1	23	BONIN ISLANDS REGION
	30	08 19 48.7&	36.221	N	120.324	W	10					8	CENTRAL CALIFORNIA. <GM-P>. MD 2.8 (GM). ML 3.0 (PAS).
	30	08 59 12.7?	39.55	N	29.53	E	10	G			1.0	6	TURKEY
	30	09 02 55.8?	39.60	N	29.35	E	10	G			0.4	5	TURKEY
	30	09 45 41.4?	31.21	S	178.83	W	469	•	4.6		1.3	37	KERMADEC ISLANDS REGION
	30	10 24 17.4?	52.77	N	169.07	W	33	N	4.5		1.0	9	FOX ISLANDS, ALEUTIAN ISLANDS
	30	10 48 16.6	52.453	N	168.714	W	33	N	4.6		1.0	67	FOX ISLANDS, ALEUTIAN ISLANDS
	30	11 03 51.5•	33.682	S	70.211	W	110	?			0.3	11	CHILE-ARGENTINA BORDER REGION. MD 3.8 (SAN).
	30	12 17 15.0	20.093	N	121.362	E	51	•	4.8		0.8	65	PHILIPPINE ISLANDS REGION
	30	12 24 35.5?	37.22	S	178.92	E	197	?			1.0	30	OFF E. COAST OF N. ISLAND, N.Z.
f	30	12 42 03.5	30.694	N	141.590	E	20	G	5.9	5.8	1.0	362	SOUTH OF HONSHU, JAPAN. Mo=1.6•10••18 Nm (PPT). Depth from broadband displacement seismograms.
	30	12 47 17.1	30.746	N	141.723	E	33	N	5.2		1.0	68	SOUTH OF HONSHU, JAPAN
	30	12 50 45.7%	37.254	S	177.445	E	110	G			0.9	12	OFF E. COAST OF N. ISLAND, N.Z.
	30	13 11 06.5•	34.300	N	15.000	W	10	G			1.0	8	MADEIRA ISLANDS REGION. MD 3.6 (RBA).
	30	13 39 11.6?	12.16	N	125.19	E	233	?	4.1		1.5	15	SAMAR, PHILIPPINE ISLANDS
	30	13 44 31.9?	44.27	N	11.47	E	10	G			0.3	4	NORTHERN ITALY
	30	14 10 18.0?	10.65	N	62.83	W	33	N	3.6		1.0	9	NEAR COAST OF VENEZUELA. MD 3.4 (TRN).
	30	14 42 01.6•	6.548	S	147.342	E	10	G	4.3		1.3	7	EASTERN NEW GUINEA REG., P.N.G.
	30	14 47 04.0?	27.56	N	126.91	E	207	?	4.2		0.7	9	NORTHWEST OF RYUKYU ISLANDS
	30	15 21 29.2%	38.863	N	27.585	E	10	G			0.6	6	TURKEY
	30	15 26 55.3?	61.53	S	161.44	E	10	G	4.1		1.3	6	BALLENY ISLANDS REGION
a	30	16 30 01.9	14.442	N	92.931	W	55		5.6	6.2	1.0	335	NEAR COAST OF CHIAPAS, MEXICO. Ms 6.4 (BRK). Mo=5.0•10••18 Nm (PPT). Felt in the Mexico-Guatemala border area and along the coast of Guatemala. Felt (II) at Guatemala City, Guatemala and San Salvador, El Salvador.
	30	16 43 23.7•	14.177	N	93.146	W	50	•	4.4		0.8	12	NEAR COAST OF CHIAPAS, MEXICO
	30	16 53 41.4?	14.24	N	92.94	W	54	•	4.3		1.2	16	NEAR COAST OF CHIAPAS, MEXICO
	30	16 59 59.1•	14.297	N	93.188	W	43	•	4.3		1.1	16	NEAR COAST OF CHIAPAS, MEXICO
	30	18 10 58.2	10.205	N	92.604	E	33	N	4.5		0.7	27	ANDAMAN ISLANDS, INDIA
	30	18 21 10.5?	13.89	N	93.33	W	29	?	4.3		0.9	7	OFF COAST OF CHIAPAS, MEXICO
	30	18 31 50.5•	14.156	N	93.134	W	47	•	4.4		0.9	15	NEAR COAST OF CHIAPAS, MEXICO
	30	18 34 39.9	14.290	N	92.928	W	54		4.6		1.0	104	NEAR COAST OF CHIAPAS, MEXICO
	30	18 42 29.6?	13.94	N	93.00	W	45	?	4.2		1.5	10	OFF COAST OF CHIAPAS, MEXICO
	30	18 55 40.1	38.079	N	21.444	E	31		4.8	5.0	1.3	221	GREECE. ML 5.0 (TIR), 4.9 (ROM). MD 4.7 (ATH). Slight damage to old buildings in the epicentral area. Felt in Akhaia, Ilia and Korinthia Provinces.
	30	19 07 07.5•	38.108	N	21.267	E	10	G	2.6		1.3	5	GREECE. MD 3.3 (ATH).
	30	19 30 36.1%	39.039	N	16.834	E	10	G			0.5	7	SOUTHERN ITALY
	30	19 34 48.1	14.197	N	92.985	W	46	•	4.5	4.3	1.0	77	NEAR COAST OF CHIAPAS, MEXICO
	30	19 36 11.2	39.038	N	17.141	E	10	G	3.4		1.2	27	SOUTHERN ITALY. ML 3.5 (TIR), 3.3 (ROM).
	30	19 57 33.6?	20.73	S	178.92	W	667	?	4.5		1.1	16	FIJI ISLANDS REGION
	30	20 03 33.9	37.961	N	21.417	E	10	G	3.4		1.2	14	SOUTHERN GREECE. ML 3.7 (ATH).
	30	20 05 43.5?	33.70	S	71.99	W	33	N			0.9	10	NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).
	30	20 15 21.0•	31.204	N	142.639	E	33	N	4.6		0.9	11	SOUTH OF HONSHU, JAPAN
	30	20 17 29.9?	24.14	N	74.12	E	33	N			0.6	7	NORTHERN INDIA
	30	20 20 35.1•	14.088	N	93.085	W	15		4.5		1.1	34	NEAR COAST OF CHIAPAS, MEXICO
	30	20 26 00.7•	13.886	N	93.069	W	39	•	4.3	4.3	1.1	39	OFF COAST OF CHIAPAS, MEXICO

	30	20	33	46.6?	13.92	N	93.11	W	33	N	4.3	1.1	5	OFF COAST OF CHIAPAS, MEXICO
	30	21	40	53.1	39.972	N	16.871	E	23		3.5	1.2	49	SOUTHERN ITALY ML 3.8 (TTG), 3.6 (TIR). MD 3.6 (ROM).
	30	21	44	03.0?	38.49	S	179.63	W	33	N		1.1	27	EAST OF NORTH ISLAND, N.Z. ML 3.8 (WEL).
	30	21	45	27.9?	13.74	N	92.92	W	28	?	4.5	1.4	27	OFF COAST OF CHIAPAS, MEXICO
	30	22	13	50.2	45.616	N	6.102	E	10	G		0.3	6	FRANCE. ML 2.2 (LDG), 2.2 (STR).
	30	22	27	28.1?	61.49	N	4.88	E	10	G		0.4	4	SOUTHERN NORWAY. MD 1.7 (BER).
	30	22	28	13.7?	30.90	S	69.26	W	33	N		1.5	5	CHILE-ARGENTINA BORDER REGION
	30	22	55	10.0&	60.075	N	152.505	W	92				45	SOUTHERN ALASKA. <AEIC>
	30	23	00	06.1	14.049	N	93.039	W	53	•	4.3	0.8	39	NEAR COAST OF CHIAPAS, MEXICO
	30	23	34	09.6	14.223	N	92.981	W	51		4.6 4.5	1.1	111	NEAR COAST OF CHIAPAS, MEXICO
	31	00	48	32.7?	38.90	N	26.47	E	10	G		0.7	4	AEGEAN SEA
	31	01	56	31.2•	14.347	N	93.116	W	42	•	4.2	1.2	21	NEAR COAST OF CHIAPAS, MEXICO
	31	02	02	22.0?	14.00	N	92.99	W	63	?	4.3	1.0	6	NEAR COAST OF CHIAPAS, MEXICO
	31	02	35	19.0•	38.748	N	31.840	E	10	G		0.9	10	TURKEY
	31	02	36	33.6•	36.329	N	72.212	E	33	N	3.9	1.0	10	AFGHANISTAN-TAJIKISTAN BORD REG.
	31	02	53	06.2%	41.98B	N	19.1B0	E	10	G		0.2	9	ALBANIA. ML 1.9 (TTG).
	31	03	05	02.0	41.907	N	20.363	E	10	G		0.6	15	ALBANIA. ML 2.6 (SKO), 2.5 (TTG), 2.2 (TIR).
	31	03	49	26.4	63.411	N	151.533	W	10	G		0.7	8	CENTRAL ALASKA. ML 2.4 (GS).
	31	05	29	23.8%	44.3B7	N	7.215	E	10	G		0.4	5	NORTHERN ITALY. ML 1.4 (GEN).
	31	05	54	25.7%	44.335	N	11.512	E	10	G		0.2	6	NORTHERN ITALY
	31	06	13	11.7?	18.83	N	65.64	W	10	G		0.7	7	PUERTO RICO REGION
a	31	06	20	07.5	30.640	N	141.596	E	32	D	5.6 5.6	1.0	265	SOUTH OF HONSHU, JAPAN
	31	07	11	38.3•	17.895	S	99.176	W	10	G	5.1 4.9	0.7	37	SOUTHEAST CENTRAL PACIFIC OCEAN
	31	07	35	05.1?	35.47	N	12.B5	E	10	G		0.7	9	CENTRAL MEDITERRANEAN SEA
	31	07	45	35.6•	43.735	N	145.294	E	33	N	4.6	0.6	12	HOKKAIDO, JAPAN REGION
	31	08	04	35.0•	35.175	N	33.080	E	10	G	3.6	0.9	6	CYPRUS REGION. ML 3.5 (CSS).
	31	08	51	16.1?	14.06	N	93.00	W	49	•	4.1	1.2	16	NEAR COAST OF CHIAPAS, MEXICO
	31	08	52	18.8	46.311	N	7.357	E	10	G		0.7	23	SWITZERLAND. ML 2.7 (LDG), 2.5 (STR).
	31	09	06	37.2?	24.19	S	66.82	W	246	?		1.0	5	SALTA PROVINCE, ARGENTINA
	31	09	39	35.5•	48.042	N	7.995	E	10	G		0.8	5	FRANCE. ML 2.6 (LDG).
	31	10	12	51.5•	17.965	S	179.970	W	620	?	4.4	1.0	39	FIJI ISLANDS REGION
	31	10	31	49.B	42.856	N	17.947	E	10	G		0.8	9	ADRIATIC SEA. ML 2.3 (TTG).
	31	10	53	16.7&	34.582	N	116.837	W	2				11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS).
	31	11	03	14.2?	22.20	S	172.01	E	64	?	4.8	1.3	17	LOYALTY ISLANDS REGION
	31	11	11	36.6%	17.539	N	61.880	W	33	N		0.4	7	LEEWARD ISLANDS. MD 3.0 (TRN).
	31	11	12	52.0•	33.286	N	71.543	E	33	N	4.6	1.5	15	PAKISTAN
	31	11	20	01.0•	30.706	N	141.797	E	33	N	4.6	0.4	9	SOUTH OF HONSHU, JAPAN
	31	11	38	45.2&	34.582	N	116.836	W	3				34	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.5 (PAS). ML 3.5 (GS).
	31	11	43	26.2	44.351	N	7.215	E	5	G		0.5	13	NORTHERN ITALY. ML 2.3 (LDG), 1.6 (GEN).
	31	13	16	44.9	23.735	N	121.923	E	10	G	4.1	1.3	11	TAIWAN
	31	14	31	15.4	40.253	N	30.077	E	10	G		0.6	8	TURKEY
	31	14	41	40.1%	40.192	N	30.071	E	10	G		0.8	6	TURKEY
	31	15	35	49.2•	17.722	S	178.486	W	614	?	4.6	1.0	26	FIJI ISLANDS REGION
	31	16	27	57.1•	33.479	S	72.613	W	10	G		1.1	15	OFF COAST OF CENTRAL CHILE. MD 4.5 (SAN).
	31	16	39	25.9	38.639	N	55.770	E	33	N	4.3	0.9	30	TURKMENISTAN-IRAN BORDER REGION
	31	16	48	06.1&	36.842	N	121.597	W	9				15	CENTRAL CALIFORNIA. <BRK>. ML 2.8 (BRK).
	31	17	05	14.6•	47.994	N	9.139	E	10	G		0.2	5	GERMANY. ML 2.7 (LDG).
	31	17	59	21.2•	36.910	S	178.924	E	70	G	4.9	1.3	19	OFF E. COAST OF N. ISLAND, N.Z.
	31	18	1B	32.9•	33.439	S	72.040	W	23			0.6	11	OFF COAST OF CENTRAL CHILE. MD 4.1 (SAN).
	31	18	44	21.0•	33.422	S	72.511	W	10			0.8	13	OFF COAST OF CENTRAL CHILE. MD 4.3 (SAN).
	31	20	01	38.5•	5.655	S	146.691	E	127	•	4.9	1.2	15	EASTERN NEW GUINEA REG., P.N.G.
	31	20	03	16.4•	33.451	S	72.051	W	17	•		0.7	12	OFF COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	31	21	30	40.8•	11.351	S	165.296	E	33	N	4.9 4.5	1.4	32	SANTA CRUZ ISLANDS
	31	21	37	50.6•	19.365	N	64.685	W	33	N	3.9	1.1	12	VIRGIN ISLANDS
	31	21	40	39.4%	40.510	N	30.379	E	10	G		0.9	9	TURKEY
a	31	21	53	29.8	11.207	S	165.178	E	33	N	5.0 5.2	1.1	93	SANTA CRUZ ISLANDS
	31	21	54	09.7?	14.01	N	93.17	W	43	?	4.6	0.9	9	NEAR COAST OF CHIAPAS, MEXICO
	31	22	13	04.4&	59.391	N	152.681	W	78				43	SOUTHERN ALASKA. <AEIC>.
	31	22	25	29.1	12.383	N	88.391	W	83	•	4.7	0.9	73	OFF COAST OF CENTRAL AMERICA
	31	22	26	05.1	19.257	N	64.664	W	33	N	4.4 4.7	1.1	44	VIRGIN ISLANDS. MD 4.7 (TRN).
	31	22	32	25.2?	18.92	N	65.12	W	10	G		0.4	6	PUERTO RICO REGION
	31	22	41	17.0?	19.16	N	64.65	W	33	N	3.2	0.2	7	VIRGIN ISLANDS
	31	23	42	49.9%	44.459	N	7.218	E	10	G		0.9	5	NORTHERN ITALY. ML 1.4 (GEN).
	31	23	58	44.1	34.174	N	46.812	E	33	N	4.5	1.0	30	WESTERN IRAN. Felt at Bokhtaran.

ADDITIONAL SOURCE PARAMETERS

02 02 20 04.42 3.513S 145.058E 33km
5.2mb (19 obs.) 5.2Msz (12 obs.)
NEAR N COAST OF NEW GUINEA, PNG.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 30S, 47C
Centroid Location:
Origin Time 02:20: 5.6 0.3
Lat 3.51S 0.05 Lon 145.18E 0.04
Dep 15.0 FIX Half-duration 1.9
Principal Axes:
Scale 10**17 Nm

	Val	Plg	Azm
T	1.31	19	309
N	-0.22	69	154
P	-1.09	8	42

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

	Strike	Dip	Slip
NP1:	86	71	8
NP2:	354	83	160

03 02 02 57.03 15.414S 175.146W 20km
5.1mb (22 obs.) 5.2Msz (6 obs.)
TONGA ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 27S, 57C
Centroid Location:
Origin Time 02:03: 4.1 0.4
Lat 15.05S 0.05 Lon 174.90W 0.03
Dep 15.0 FIX Half-duration 2.2
Principal Axes:
Scale 10**17 Nm

	Val	Plg	Azm
T	2.37	5	317
N	-0.32	82	B6
P	-2.05	6	227

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

	Strike	Dip	Slip
NP1:	2	82	-179
NP2:	272	89	-B

03 03 40 40.58 32.370S 71.590W 69km
5.2mb (26 obs.)
NEAR COAST OF CENTRAL CHILE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 32S, 56C
Centroid Location:
Origin Time 03:40:42.9 0.3
Lat 32.36S 0.04 Lon 71.66W 0.05
Dep 61.0 FIX Half-duration 2.2
Principal Axes:
Scale 10**17 Nm

	Val	Plg	Azm
T	2.30	46	75
N	-0.23	4	342
P	-2.06	43	248

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

	Strike	Dip	Slip
NP1:	275	4	23
NP2:	162	88	94

03 05 40 06.32 12.529S 75.916W 100km
5.1mb (35 obs.)
CENTRAL PERU
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 17C
Centroid Location:
Origin Time 05:40:13.7 1.2
Lat 12.54S FIX;Lon 75.94W FIX
Dep 100.0 FIX Half-duration 1.4
Principal Axes:
Scale 10**16 Nm

	Val	Plg	Azm
T	2.74	9	279
N	1.11	45	180
P	-3.B5	44	18

Best Double Couple:Mo=3.3•10••16
NP1:Strike= 48 Dip=53 Slip= -28
NP2: 156 68 -139

03 19 53 50.66 6.100S 148.590E 86km
5.1mb (23 obs.)
NEW BRITAIN REGION, P.N.G.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 29S, 45C
Centroid Location:
Origin Time 19:53:49.6 0.5
Lat -6.35S 0.04 Lon 148.96E 0.06
Dep 19.7 3.0 Half-duration 1.5
Principal Axes:
Scale 10••16 Nm
T Val= 6.39 Plg=77 Azm=343
N 1.36 2 83
P -7.75 13 174
Best Double Couple:Mo=7.1•10••16
NP1:Strike=267 Dip=33 Slip= 94
NP2: 82 58 87

04 08 45 01.72 6.762S 130.229E 86km
5.9mb (71 obs.)
BANDA SEA
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 75 Dip=40 Slip= 43
NP2: 309 64 122
Principal Axes:
T Plg=58 Azm=264
P 13 17
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: 8 Focal mech. F
Energy 6.1±1.7•10••12 Nm
MOMENT TENSOR SOLUTION
Dep 101 No. of sta: 13
Principal Axes:
Scale 10••18 Nm
T Val= 1.50 Plg=71 Azm=238
N 0.16 13 107
P -1.66 14 14
Best Double Couple:Mo=1.6•10••18
NP1:Strike= 86 Dip=33 Slip= 66
NP2: 295 60 105
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 76S, ••C M.W.: 18S, 25C
Centroid Location:
Origin Time 08:45: 7.2 0.1
Lat 6.62S 0.01 Lon 130.30E 0.02
Dep 99.2 0.7 Half-duration 4.2
Principal Axes:
Scale 10••18 Nm
T Val= 1.53 Plg=72 Azm=133
N 0.26 16 288
P -1.79 7 20
Best Double Couple:Mo=1.7•10••18
NP1:Strike=128 Dip=41 Slip= 115
NP2: 276 54 70

05 00 33 24.97 52.814N 159.369E 50km
5.1mb (79 obs.)
OFF EAST COAST OF KAMCHATKA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 20C
Centroid Location:
Origin Time 00:33:28.2 1.1
Lat 52.54N 0.10 Lon 160.08E 0.15
Dep 50.4 6.8 Half-duration 1.5
Principal Axes:
Scale 10••16 Nm
T Val= 3.73 Plg=83 Azm=304
N 1.59 0 214
P -5.32 7 124
Best Double Couple:Mo=4.5•10••16
NP1:Strike=214 Dip=38 Slip= 90
NP2: 34 52 90

05 05 58 20.93 9.883S 151.696E 33km
5.3mb (22 obs.) 4.7Msz (4 obs.)
D'ENTRECASTEAUX ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 21S, 32C
Centroid Location:
Origin Time 05:58:20.5 0.6
Lat 10.60S 0.06 Lon 151.91E 0.09
Dep 15.0 FIX Half-duration 1.8
Principal Axes:
Scale 10••17 Nm
T Val= 1.47 Plg=41 Azm= 34
N 0.00 31 155
P -1.47 34 268
Best Double Couple:Mo=1.5•10••17
NP1:Strike= 55 Dip=31 Slip= 172
NP2: 152 86 59

06 08 52 50.16 0.294S 126.103E 82km
5.0mb (25 obs.)
SOUTHERN MOLUCCA SEA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 31S, 53C
Centroid Location:
Origin Time 08:52:58.0 0.4
Lat 0.82S 0.05 Lon 126.21E 0.06
Dep 15.0 FIX Half-duration 1.9
Principal Axes:
Scale 10••17 Nm
T Val= 1.96 Plg=56 Azm= 3
N 0.42 6 264
P -2.38 33 170
Best Double Couple:Mo=2.2•10••17
NP1:Strike=237 Dip=13 Slip= 62
NP2: 85 78 96

06 23 26 14.92 45.658S 34.874E 10km
5.0mb (19 obs.) 4.6Msz (3 obs.)
PRINCE EDWARD ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 17S, 24C
Centroid Location:
Origin Time 23:26:19.0 0.7
Lat 45.74S FIX;Lon 34.74E FIX
Dep 15.0 FIX Half-duration 1.6
Principal Axes:
Scale 10••16 Nm
T Val= 7.98 Plg= 0 Azm=139
N -1.67 90 180
P -6.31 0 49
Best Double Couple:Mo=7.2•10••16
NP1:Strike=184 Dip=90 Slip=-180
NP2: 274 90 0

06 23 29 47.21 17.165S 72.015W 52km
4.9mb (29 obs.)
NEAR COAST OF PERU
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 20S, 26C
Centroid Location:
Origin Time 23:29:52.2 0.8
Lat 17.32S FIX;Lon 72.35W FIX
Dep 33.0 FIX Half-duration 1.5
Principal Axes:
Scale 10••16 Nm
T Val= 8.29 Plg=28 Azm=122
N -2.68 57 336
P -5.61 16 221
Best Double Couple:Mo=6.9•10••16
NP1:Strike=264 Dip=58 Slip= 10
NP2: 169 82 148

07 06 23 36.15 41.175N 144.700E 13km
5.8mb (110 obs.) 5.8Msz (27 obs.)
HOKKAIDO, JAPAN REGION
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=235 Dip=59 Slip=-110
NP2: 90 36 -60
Principal Axes:
T Plg=12 Azm=339
P 69 102
Comment: The focal mechanism is moderately well controlled and corresponds to normal faulting with a moderate right-lateral strike-slip component. The preferred fault plane is NP1.
RADIATED ENERGY
No. of sta: 19 Focal mech. M
Energy 1.5±0.3•10••13 Nm
MOMENT TENSOR SOLUTION
Dep 17 No. of sta: 29
Principal Axes:
Scale 10••17 Nm
T Val= 8.11 Plg= 6 Azm=349
N 0.12 28 255
P -8.23 61 90
Best Double Couple:Mo=8.2•10••17
NP1:Strike=107 Dip=46 Slip= -49
NP2: 235 57 -124
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 37S, 96C
Centroid Location:
Origin Time 06:23:39.0 0.1
Lat 41.12N 0.02 Lon 144.73E 0.03
Dep 15.0 FIX Half-duration 3.5
Principal Axes:
Scale 10••18 Nm
T Val= 1.09 Plg=13 Azm=332
N 0.10 4 241
P -1.19 76 136
Best Double Couple:Mo=1.1•10••18
NP1:Strike= 67 Dip=32 Slip= -83
NP2: 239 58 -94

07 19 15 03.33 38.698N 40.143E 18km
5.0mb (50 obs.) 4.5Msz (7 obs.)
TURKEY
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 23S, 43C
Centroid Location:
Origin Time 19:15: 6.8 0.6
Lat 38.71N 0.11 Lon 39.82E 0.05
Dep 15.0 FIX Half-duration 1.6
Principal Axes:
Scale 10••16 Nm
T Val= 8.33 Plg= 0 Azm=265
N -3.91 90 180
P -4.41 0 175
Best Double Couple:Mo=6.4•10••16
NP1:Strike=310 Dip=90 Slip=-180
NP2: 40 90 0

08 20 53 06.95 6.667N 124.727E 25km
5.1mb (28 obs.) 4.7Msz (5 obs.)
MINDANAO, PHILIPPINE ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 25S, 43C
Centroid Location:
Origin Time 20:53:10.8 0.5
Lat 6.96N 0.06 Lon 124.79E 0.07
Dep 20.5 6.1 Half-duration 1.7
Principal Axes:
Scale 10••17 Nm
T Val= 1.10 Plg=29 Azm=163
N 0.22 53 27
P -1.32 22 266
Best Double Couple:Mo=1.2•10••17
NP1:Strike=307 Dip=53 Slip= 6
NP2: 213 85 143

09 00 20 56.12 18.347S 69.401W 124km
5.4mb (52 obs.)
NORTHERN CHILE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 20S, 34C
Centroid Location:
Origin Time 00:21: 6.5 0.5
Lat 18.24S 0.06 Lon 69.74W 0.06
Dep 130.3 2.7 Half-duration 1.7
Principal Axes:
Scale 10••16 Nm
T Val= 8.96 Plg=40 Azm= 59
N -1.14 18 313
P -7.82 45 205
Best Double Couple:Mo=8.4•10••16
NP1:Strike=214 Dip=18 Slip= -9
NP2: 313 87 -108

09 02 25 40.90 6.685N 124.712E 29km
5.1mb (26 obs.) 4.3Msz (3 obs.)
MINDANAO, PHILIPPINE ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 17S, 21C
Centroid Location:
Origin Time 02:25:42.5 1.0
Lat 6.79N 0.15 Lon 124.64E 0.11
Dep 33.0 FIX Half-duration 1.6
Principal Axes:
Scale 10••16 Nm
T Val= 4.21 Plg=38 Azm=156
N 1.92 46 9
P -6.13 18 260
Best Double Couple:Mo=5.2•10••16

NP1:Strike=305 Dip=49 Slip= 17
NP2: 204 77 138

10 04 04 32.93 37 207N 72.913E 33km
5.6mb (107 obs.) 5.6Msz (24 obs.)
TAJIKISTAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 32S, 69C
Centroid Location:
Origin Time 04:04:33.9 0.3
Lat 37.29N 0.04 Lon 72.59E 0.04
Dep 15.0 BDY Half-duration 3.2
Principal Axes:
Scale 10**17 Nm
T Val= 6.99 Plg= 5 Azm= 72
N -2.41 24 339
P -4.57 65 173
Best Double Couple:Mo=5.8*10**17
NP1:Strike=186 Dip=45 Slip= -55
NP2: 321 55 -120

11 10 07 50.86 36.469N 140.524E 59km
5.2mb (84 obs.)
NEAR EAST COAST OF HONSHU, JAPAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 24S, 50C
Centroid Location:
Origin Time 10:07:55.4 0.3
Lat 36.49N 0.05 Lon 140.20E 0.05
Dep 111.1 3.1 Half-duration 1.8
Principal Axes:
Scale 10**16 Nm
T Val= 9.04 Plg=41 Azm= 48
N 1.01 1 139
P -10.06 49 230
Best Double Couple:Mo=9.6*10**16
NP1:Strike=125 Dip= 4 Slip=-103
NP2: 319 86 -89

12 03 39 30.92 59.691N 153.482W 139km
5.1mb (50 obs.)
SOUTHERN ALASKA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 32S, 65C
Centroid Location:
Origin Time 03:39:32.6 0.3
Lat 59.64N 0.03 Lon 153.36W 0.06
Dep 140.1 1.6 Half-duration 2.2
Principal Axes:
Scale 10**17 Nm
T Val= 2.46 Plg=43 Azm=283
N -0.12 47 105
P -2.34 1 14
Best Double Couple:Mo=2.4*10**17
NP1:Strike= 67 Dip=61 Slip= 33
NP2: 320 62 146

12 14 47 44.58 23.741S 175.931W 48km
5.3mb (18 obs.) 5.4Msz (12 obs.)
TONGA ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 34S, 70C
Centroid Location:
Origin Time 14:47:46.7 0.3
Lat 23.98S 0.05 Lon 175.22W 0.03
Dep 15.0 BDY Half-duration 2.1
Principal Axes:
Scale 10**17 Nm
T Val= 1.70 Plg=74 Azm=298
N 0.24 1 204
P -1.94 16 114
Best Double Couple:Mo=1.8*10**17
NP1:Strike=202 Dip=29 Slip= 87
NP2: 25 61 91

12 15 46 56.01 9.525S 78.748W 63km
5.7mb (75 obs.)
NEAR COAST OF NORTHERN PERU
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=310 Dip=60 Slip= -90
NP2: 130 30 -90
Principal Axes:
T Plg=15 Azm= 40
P 75 220
Comment: The focal mechanism is poorly controlled and corresponds to normal faulting. The preferred fault plane is NP1.

CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 32S, 63C
Centroid Location:
Origin Time 15 47 3.6 0.3
Lat 9.27S 0.03 Lon 79.64W 0.04
Dep 39.8 3.0 Half-duration 2.6
Principal Axes:
Scale 10**17 Nm
T Val= 4.30 Plg=22 Azm=256
N -1.16 17 159
P -3.15 62 34
Best Double Couple:Mo=3.7*10**17
NP1:Strike= 14 Dip=28 Slip= -51
NP2: 152 69 -108

12 18 05 42.60 16.524S 172.367W 15km
6.4mb (65 obs.) 6.8Msz (47 obs.)
SAMOA ISLANDS REGION
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=347 Dip=81 Slip= 90
NP2: 167 9 90
Principal Axes:
T Plg=54 Azm=257
P 36 77
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
RADIATED ENERGY
No. of sta: 20 Focal mech. M
Energy 1.4±0.3*10**14 Nm
MOMENT TENSOR SOLUTION
Dep 16 No. of sta: 24
Principal Axes:
Scale 10**18 Nm
T Val= 9.56 Plg=44 Azm=261
N -0.21 4 167
P -9.36 46 73
Best Double Couple:Mo=9.5*10**18
NP1:Strike= 60 Dip= 4 Slip= -17
NP2: 167 89 -94
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 39S, **C M.W.: 31S, 54C
Centroid Location:
Origin Time 18:05:52.7 0.1
Lat 16.71S 0.01 Lon 172.09W 0.01
Dep 38.4 0.7 Half-duration 8.2
Principal Axes:
Scale 10**18 Nm
T Val= 11.59 Plg=29 Azm=295
N 1.27 36 181
P -12.86 40 52
Best Double Couple:Mo=1.2*10**19
NP1:Strike= 77 Dip=37 Slip= -11
NP2: 176 83 -126

13 18 26 38.32 23.863S 175.944W 33km
5.5mb (31 obs.) 5.4Msz (20 obs.)
TONGA ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 32S, 63C
Centroid Location:
Origin Time 18:26:41.0 0.3
Lat 24.17S 0.04 Lon 175.36W 0.03
Dep 25.7 2.2 Half-duration 2.1
Principal Axes:
Scale 10**17 Nm
T Val= 2.45 Plg=66 Azm=287
N 0.35 0 18
P -2.80 24 109
Best Double Couple:Mo=2.6*10**17
NP1:Strike=199 Dip=21 Slip= 91
NP2: 18 69 90

15 05 36 08.62 32.896S 177.879W 33km
5.1mb (11 obs.) 5.3Msz (2 obs.)
SOUTH OF KERMADEC ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 32S, 59C
Centroid Location:
Origin Time 05:36:13.3 0.3
Lat 32.45S 0.04 Lon 177.81W 0.04
Dep 15.0 FIX Half-duration 2.3
Principal Axes:
Scale 10**17 Nm
T Val= 3.38 Plg=62 Azm=269
N 0.32 7 12
P -3.70 27 106

Best Double Couple:Mo=3.5*10**17
NP1:Strike=214 Dip=19 Slip= 113
NP2: 10 73 83

15 07 05 05.34 6.075S 147.572E 58km
6.2mb (49 obs.)
EASTERN NEW GUINEA REG., P.N.G.
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=170 Dip=59 Slip= 90
NP2: 350 31 90
Principal Axes:
T Plg=76 Azm= 80
P 14 260
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
RADIATED ENERGY
No. of sta: 14 Focal mech. M
Energy 5.3±1.1*10**14 Nm
MOMENT TENSOR SOLUTION
Dep 50 No. of sta: 20
Principal Axes:
Scale 10**19 Nm
T Val= 7.77 Plg=66 Azm= 62
N -0.19 9 174
P -7.59 22 268
Best Double Couple:Mo=7.7*10**19
NP1:Strike= 15 Dip=25 Slip= 113
NP2: 170 67 80
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 37S, **C M.W.: 36S, 95C
Centroid Location:
Origin Time 07:05:17.9 0.1
Lat 6.35S 0.01 Lon 147.59E 0.01
Dep 39.8 0.3 Half-duration 15.7
Principal Axes:
Scale 10**19 Nm
T Val= 8.13 Plg=79 Azm= 18
N -0.07 1 283
P -8.06 11 193
Best Double Couple:Mo=8.1*10**19
NP1:Strike=282 Dip=34 Slip= 88
NP2: 104 56 91

15 08 08 02.99 41.019N 72.429E 50km
5.7mb (102 obs.) 6.2Msz (4 obs.)
KYRGYZSTAN
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=315 Dip=73 Slip= 90
NP2: 135 17 90
Principal Axes:
T Plg=62 Azm=225
P 28 45
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.

15 22 06 24.56 52.093N 171.814W 33km
5.2mb (79 obs.) 4.6Msz (18 obs.)
FOX ISLANDS, ALEUTIAN ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 17S, 26C
Centroid Location:
Origin Time 22:06:27.3 0.5
Lat 51.92N 0.05 Lon 172.01W 0.11
Dep 43.5 4.9 Half-duration 1.5
Principal Axes:
Scale 10**16 Nm
T Val= 9.72 Plg=65 Azm= 3
N 0.56 3 265
P -10.28 25 174
Best Double Couple:Mo=1.0*10**17
NP1:Strike=256 Dip=21 Slip= 80
NP2: 87 70 94

16 14 58 38.92 19.119S 169.079E 165km
5.6mb (68 obs.)
VANUATU ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 38S, 97C
Centroid Location:
Origin Time 14:58:46.0 0.2
Lat 19.20S 0.02 Lon 168.67E 0.02
Dep 161.6 0.6 Half-duration 4.3
Principal Axes:
Scale 10**18 Nm

T Val= 1.49 Plg=58 Azm= 96
N 0.21 9 352
P -1.70 31 256
Best Double Couple:Mo=1.6*10**18
NP1:Strike=319 Dip=17 Slip= 57
NP2: 174 76 99

16 17 57 16.30 38.458S 177.852E 45km
5.4mb (16 obs.) 5.4Msz (3 obs.)
NORTH ISLAND, NEW ZEALAND
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 32S, 74C
Centroid Location:
Origin Time 17:57:19.1 0.3
Lat 38.19S 0.04 Lon 178.53E 0.04
Dep 21.8 1.9 Half-duration 2.9
Principal Axes:
Scale 10**17 Nm
T Val= 4.50 Plg=66 Azm=338
N 0.86 10 224
P -5.37 22 130
Best Double Couple:Mo=4.9*10**17
NP1:Strike=201 Dip=25 Slip= 65
NP2: 48 68 101

16 20 57 59.51 13.672S 76.108W 57km
5.6mb (61 obs.)
NEAR COAST OF PERU
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 37S, 93C
Centroid Location:
Origin Time 20:58: 8.5 0.2
Lat 13.52S 0.02 Lon 76.73W 0.03
Dep 34.8 1.6 Half-duration 4.0
Principal Axes:
Scale 10**17 Nm
T Val= 12.71 Plg=64 Azm=108
N 1.73 11 356
P -14.44 24 261
Best Double Couple:Mo=1.4*10**18
NP1:Strike=330 Dip=23 Slip= 63
NP2: 180 69 101

17 09 49 19.11 7.239N 126.645E 33km
6.2mb (99 obs.) 7.1Msz (32 obs.)
MINDANAO, PHILIPPINE ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 8 Dip=70 Slip= 90
NP2: 188 20 90
Principal Axes:
T Plg=65 Azm=278
P 25 98
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
RADIATED ENERGY
No. of sta: 13 Focal mech. F
Energy 3.7±0.8*10**14 Nm
MOMENT TENSOR SOLUTION
Dep 25 No. of sta: 20
Principal Axes:
Scale 10**19 Nm
T Val= 4.35 Plg=66 Azm=302
N 0.02 15 176
P -4.37 19 81
Best Double Couple:Mo=4.4*10**19
NP1:Strike=148 Dip=29 Slip= 58
NP2: 3 66 106
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 30S, 82C M.W.: 26S, 69C
Centroid Location:
Origin Time 09:49:29.4 0.2
Lat 7.27N 0.01 Lon 126.96E 0.01
Dep 34.0 0.7 Half-duration 13.6
Principal Axes:
Scale 10**19 Nm
T Val= 5.03 Plg=63 Azm=334
N -0.20 17 207
P -4.83 20 110
Best Double Couple:Mo=4.9*10**19
NP1:Strike=173 Dip=29 Slip= 53
NP2: 34 67 109

17 10 15 31.31 7.191N 126.762E 33km
6.4mb (74 obs.) 7.5Msz (25 obs.)
MINDANAO, PHILIPPINE ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 38 Dip=69 Slip= 90
NP2: 218 21 90
Principal Axes:
T Plg=66 Azm=308
P 24 128
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
RADIATED ENERGY
No. of sta: 12 Focal mech. F
Energy 6.2±1.2*10**14 Nm
MOMENT TENSOR SOLUTION
Dep 33 No. of sta: 8
Principal Axes:
Scale 10**19 Nm
T Val= 9.90 Plg=70 Azm=268
N -0.03 13 37
P -9.88 15 131
Best Double Couple:Mo=9.9*10**19
NP1:Strike=239 Dip=32 Slip= 115
NP2: 30 61 75
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 29S, 61C M.W.: 31S, 83C
Centroid Location:
Origin Time 10:15:42.0 0.2
Lat 7.33N 0.01 Lon 127.18E 0.01
Dep 24.5 0.6 Half-duration 18.3
Principal Axes:
Scale 10**19 Nm
T Val= 8.29 Plg=66 Azm=308
N 0.05 9 196
P -8.34 22 103
Best Double Couple:Mo=8.3*10**19
NP1:Strike=176 Dip=25 Slip= 67
NP2: 20 67 100

17 21 36 00.08 6.463S 153.237E 32km
5.7mb (38 obs.) 5.3Msz (16 obs.)
NEW BRITAIN REGION, P.N.G.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 36S, 80C
Centroid Location:
Origin Time 21:36: 1.2 0.2
Lat 6.49S 0.03 Lon 153.10E 0.03
Dep 15.0 BDY Half-duration 3.1
Principal Axes:
Scale 10**17 Nm
T Val= 5.98 Plg= 6 Azm=212
N 2.66 30 118
P -8.64 59 313
Best Double Couple:Mo=7.3*10**17
NP1:Strike=331 Dip=47 Slip= -47
NP2: 97 58 -126

18 03 02 21.50 33.594S 72.018W 30km
5.6mb (35 obs.) 5.8Msz (22 obs.)
OFF COAST OF CENTRAL CHILE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 33S, 78C
Centroid Location:
Origin Time 03:02:26.5 0.2
Lat 33.61S FIX;Lon 72.03W FIX
Dep 15.0 FIX Half-duration 3.6
Principal Axes:
Scale 10**18 Nm
T Val= 1.81 Plg=52 Azm= 75
N -0.13 4 170
P -1.67 38 263
Best Double Couple:Mo=1.7*10**18
NP1:Strike= 19 Dip= 8 Slip= 120
NP2: 169 83 86

18 11 02 42.64 20.449S 177.699W 538km
5.2mb (41 obs.)
FIJI ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 23S, 31C
Centroid Location:
Origin Time 11:02:44.1 1.2
Lat 20.38S 0.09 Lon 177.68W 0.08
Dep 548.0 3.6 Half-duration 1.3
Principal Axes:
Scale 10**16 Nm
T Val= 7.08 Plg=14 Azm=149
N 3.28 15 55
P -10.36 69 281
Best Double Couple:Mo=8.7*10**16
NP1:Strike=258 Dip=33 Slip= -63
NP2: 47 61 -107

18 23 19 20.87 7.446N 82.311W 18km
5.9mb (90 obs.) 6 0Msz (31 obs.)
SOUTH OF PANAMA
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=100 Dip=85 Slip= 0
NP2: 190 90 185
Principal Axes:
T Plg= 4 Azm=325
P 4 55
Comment: The focal mechanism is moderately well controlled and corresponds to strike-slip faulting. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 12 Focal mech. F
Energy 1.1±0.2*10**15 Nm
MOMENT TENSOR SOLUTION
Dep 21 No. of sta: 18
Principal Axes:
Scale 10**18 Nm
T Val= 3.37 Plg=18 Azm=324
N -0.23 72 162
P -3.14 5 56
Best Double Couple:Mo=3.3*10**18
NP1:Strike=102 Dip=74 Slip= 9
NP2: 9 81 164
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 38S, **C M.W.: 30S, 54C
Centroid Location:
Origin Time 23:19:25.5 0.2
Lat 7.39N 0.01 Lon 82.30W 0.02
Dep 15.0 FIX Half-duration 18.3
Principal Axes:
Scale 10**18 Nm
T Val= 3.66 Plg=15 Azm=317
N -0.73 75 141
P -2.93 1 47
Best Double Couple:Mo=3.3*10**18
NP1:Strike= 93 Dip=79 Slip= 10
NP2: 1 80 169

19 12 24 57.40 28.295N 55.594E 33km
5.7mb (93 obs.) 5.0Msz (22 obs.)
SOUTHERN IRAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 33S, 57C
Centroid Location:
Origin Time 12:24:58.6 0.4
Lat 28.05N 0.04 Lon 55.35E 0.04
Dep 15.0 BDY Half-duration 2.3
Principal Axes:
Scale 10**17 Nm
T Val= 2.83 Plg=82 Azm=291
N 0.22 6 67
P -3.05 5 158
Best Double Couple:Mo=2.9*10**17
NP1:Strike=254 Dip=40 Slip= 99
NP2: 63 51 83

19 14 42 50.70 9.463S 159.316E 33km
5.5mb (41 obs.) 5.6Msz (31 obs.)
SOLOMON ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 39S, 85C
Centroid Location:
Origin Time 14:42:54.5 0.3
Lat 9.43S 0.03 Lon 159.54E 0.03
Dep 15.0 BDY Half-duration 3.6
Principal Axes:
Scale 10**17 Nm
T Val= 6.49 Plg=59 Azm= 87
N 0.14 15 332
P -6.63 27 234
Best Double Couple:Mo=6.6*10**17
NP1:Strike=292 Dip=22 Slip= 48
NP2: 156 73 105

20 11 43 05.22 12.537N 125.544E 33km
5.1mb (29 obs.) 4.7Msz (1 obs.)
SAMAR, PHILIPPINE ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 31S, 56C
Centroid Location:
Origin Time 11:43: 7.0 0.5
Lat 13.00N 0.04 Lon 125.47E 0.05
Dep 15.0 FIX Half-duration 2.0

Principal Axes:
Scale 10**17 Nm
T Val= 2.07 Plg=51 Azm=312
N -0.48 35 163
P -1.59 15 62
Best Double Couple:Mo=1.8*10**17
NP1:Strike=114 Dip=43 Slip= 33
NP2: 359 69 128

20 12 20 32.85 33.377N 71.317E 16km
6.0mb (115 obs.) 6.0Msz (30 obs.)
PAKISTAN
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 58 Dip=80 Slip= 90
NP2: 238 10 90
Principal Axes:
T Plg=55 Azm=328
P 35 148
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
RADIATED ENERGY
No. of sta: 14 Focal mech. F
Energy 1.3±0.3*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 7 No. of sta: 15
Principal Axes:
Scale 10**18 Nm
T Val= 2.52 Plg=46 Azm=306
N 0.36 27 67
P -2.88 32 176
Best Double Couple:Mo=2.7*10**18
NP1:Strike=319 Dip=28 Slip= 164
NP2: 63 83 63
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 37S, 89C M.W.: 4S, 4C
Centroid Location:
Origin Time 12:20:35.1 0.3
Lat 32.95N 0.03 Lon 71.27E 0.03
Dep 15.0 BDY Half-duration 3.7
Principal Axes:
Scale 10**18 Nm
T Val= 1.41 Plg=50 Azm=339
N 0.05 1 248
P -1.46 40 157
Best Double Couple:Mo=1.4*10**18
NP1:Strike=237 Dip= 5 Slip= 79
NP2: 68 85 91

20 18 20 13.13 6.464S 147.782E 33km
4.9mb (20 obs.) 4.6Msz (3 obs.)
EASTERN NEW GUINEA REG., P.N.G.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 27S, 41C
Centroid Location:
Origin Time 18:20:17.8 0.9
Lat 6.53S 0.09 Lon 148.04E 0.08
Dep 26.9 5.9 Half-duration 1.6
Principal Axes:
Scale 10**16 Nm
T Val= 7.24 Plg=59 Azm= 34
N -0.05 3 299
P -7.20 31 207
Best Double Couple:Mo=7.2*10**16
NP1:Strike=288 Dip=14 Slip= 78
NP2: 120 76 93

21 04 13 17.64 13.312N 50.916E 21km
5.0mb (38 obs.) 4.3Msz (7 obs.)
EASTERN GULF OF ADEN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 30S, 53C
Centroid Location:
Origin Time 04:13:18.6 0.6
Lat 13.28N 0.05 Lon 50.48E 0.03
Dep 15.0 FIX Half-duration 1.8
Principal Axes:
Scale 10**16 Nm
T Val= 7.77 Plg= 0 Azm=194
N -0.25 0 104
P -7.52 90 180
Best Double Couple:Mo=7.7*10**16
NP1:Strike=284 Dip=45 Slip= -90
NP2: 104 45 -90

21 13 52 38.23 31.127N 141.758E 23km
5.2mb (51 obs.) 5.3Msz (16 obs.)
SOUTH OF HONSHU, JAPAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 26S, 55C
Centroid Location:
Origin Time 13:52:40.7 0.5
Lat 31.07N 0.08 Lon 142.03E 0.05
Dep 15.0 FIX Half-duration 2.1
Principal Axes:
Scale 10**17 Nm
T Val= 1.81 Plg=77 Azm=301
N -0.21 7 179
P -1.60 11 88
Best Double Couple:Mo=1.7*10**17
NP1:Strike=169 Dip=35 Slip= 78
NP2: 4 56 98

21 14 09 03.30 6.175S 147.236E 48km
5.7mb (45 obs.) 5.8Msz (19 obs.)
EASTERN NEW GUINEA REG., P.N.G.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 35S, 94C
Centroid Location:
Origin Time 14:09: 8.0 0.3
Lat 6.36S 0.02 Lon 147.48E 0.02
Dep 29.5 1.7 Half-duration 3.9
Principal Axes:
Scale 10**17 Nm
T Val= 10.90 Plg=73 Azm=332
N 0.10 10 99
P -11.00 13 191
Best Double Couple:Mo=1.1*10**18
NP1:Strike=294 Dip=33 Slip= 109
NP2: 92 59 78

21 18 05 52.56 8.748S 117.604E 143km
5.7mb (46 obs.)
SUMBAWA REGION, INDONESIA
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 58 Dip=85 Slip= 90
NP2: 238 5 90
Principal Axes:
T Plg=50 Azm=328
P 40 148
Comment: The focal mechanism is moderately well controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
RADIATED ENERGY
No. of sta: 12 Focal mech. M
Energy 3.1±0.7*10**11 Nm
MOMENT TENSOR SOLUTION
Dep 149 No. of sta: 12
Principal Axes:
Scale 10**17 Nm
T Val= 2.06 Plg=49 Azm=330
N -0.01 12 226
P -2.06 38 126
Best Double Couple:Mo=2.1*10**17
NP1:Strike=161 Dip=13 Slip= 25
NP2: 47 85 102
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 29S, 48C
Centroid Location:
Origin Time 18:05:59.5 0.6
Lat 8.67S 0.04 Lon 118.15E 0.07
Dep 142.0 2.2 Half-duration 2.1
Principal Axes:
Scale 10**17 Nm
T Val= 1.87 Plg=42 Azm=333
N -0.53 14 76
P -1.35 45 180
Best Double Couple:Mo=1.6*10**17
NP1:Strike=353 Dip=14 Slip=-173
NP2: 256 88 -76

21 20 40 10.33 31.025N 141.738E 14km
5.4mb (76 obs.) 5.7Msz (17 obs.)
SOUTH OF HONSHU, JAPAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 33S, 79C
Centroid Location:
Origin Time 20:40:17.8 0.2
Lat 31.16N 0.04 Lon 141.81E 0.03
Dep 15.0 FIX Half-duration 3.1
Principal Axes:
Scale 10**17 Nm
T Val= 8.11 Plg=65 Azm=268
N 0.70 1 176
P -8.81 25 86
Best Double Couple:Mo=8.5*10**17
NP1:Strike=174 Dip=20 Slip= 87
NP2: 357 70 91

21 21 56 11.08 11.100N 122.620E 33km
5.1mb (23 obs.)
PANAY, PHILIPPINE ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 21S, 27C
Centroid Location:
Origin Time 21:56: 9.4 1.5
Lat 10.64N 0.16 Lon 122.45E 0.10
Dep 33.2 8.3 Half-duration 1.5
Principal Axes:
Scale 10**17 Nm
T Val= 1.24 Plg=56 Azm= 95
N 0.46 9 352
P -1.70 33 256
Best Double Couple:Mo=1.5*10**17
NP1:Strike=315 Dip=15 Slip= 52
NP2: 174 78 99

21 23 01 31.46 59.332S 149.158E 33km
5.0mb (10 obs.)
WEST OF MACQUARIE ISLAND
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 22S, 39C
Centroid Location:
Origin Time 23:01:34.9 0.4
Lat 59.72S 0.06 Lon 147.81E 0.08
Dep 15.0 FIX Half-duration 1.9
Principal Axes:
Scale 10**16 Nm
T Val= 9.18 Plg= 0 Azm=215
N 2.13 90 180
P -11.31 0 125
Best Double Couple:Mo=1.0*10**17
NP1:Strike=260 Dip=90 Slip=-180
NP2: 350 90 0

22 01 20 39.96 33.669S 71.942W 44km
5.3mb (20 obs.) 5.4Msz (12 obs.)
NEAR COAST OF CENTRAL CHILE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 35S, 71C
Centroid Location:
Origin Time 01:20:43.3 0.2
Lat 33.84S 0.04 Lon 72.42W 0.04
Dep 34.3 2.4 Half-duration 2.4
Principal Axes:
Scale 10**17 Nm
T Val= 2.74 Plg=66 Azm= 87
N -0.15 1 179
P -2.58 24 269
Best Double Couple:Mo=2.7*10**17
NP1:Strike= 0 Dip=21 Slip= 92
NP2: 178 69 89

22 08 16 05.22 52.392N 175.664E 33km
5.3mb (87 obs.) 5.3Msz (26 obs.)
RAT ISLANDS, ALEUTIAN ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 37S, 83C
Centroid Location:
Origin Time 08:16: 6.0 0.2
Lat 52.77N 0.04 Lon 175.63E 0.04
Dep 15.0 FIX Half-duration 2.6
Principal Axes:
Scale 10**17 Nm
T Val= 3.72 Plg=16 Azm=253
N -0.71 66 122
P -3.01 17 348
Best Double Couple:Mo=3.4*10**17
NP1:Strike= 30 Dip=66 Slip= -1
NP2: 121 89 -156

22 13 06 07.93 35.340S 105.890W 10km
5.1mb (16 obs.) 4.9Msz (3 obs.)
SOUTHERN EAST PACIFIC RISE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 34S, 72C
Centroid Location:
Origin Time 13:06:11.8 0.3
Lat 35.44S 0.04 Lon 105.74W 0.04
Dep 15.0 FIX Half-duration 2.1
Principal Axes:
Scale 10**17 Nm
T Val= 1.84 Plg=14 Azm= 54

N −0.31 74 265
P −1.54 8 146
Best Double Couple:Mo=1.7•10••17
NP1:Strike=190 Dip=75 Slip= 4
NP2: 99 86 165

22 14 09 31.18 27.359N 115.019W 10km
5.2mb (28 obs.) 4.8Msz (10 obs.)
OFF W. COAST OF BAJA CALIFORNIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 19C
Centroid Location:
Origin Time 14:09:35.6 0.8
Lat 27.64N 0.07 Lon 115.27W 0.10
Dep 15.0 FIX Half-duration 1.9
Principal Axes:
Scale 10••16 Nm
T Val= 8.00 Plg= 0 Azm=105
N 2.43 90 180
P −10.44 0 15
Best Double Couple:Mo=9.2•10••16
NP1:Strike=150 Dip=90 Slip=−180
NP2: 240 90 0

22 16 19 53.64 49.387N 147.798E 568km
5.2mb (121 obs.)
SEA OF OKHOTSK
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 34S, 76C
Centroid Location:
Origin Time 16:19:58.0 0.3
Lat 49.33N 0.04 Lon 147.81E 0.04
Dep 587.5 2.3 Half-duration 2.6
Principal Axes:
Scale 10••17 Nm
T Val= 3.62 Plg=64 Azm=142
N −0.91 26 313
P −2.71 4 45
Best Double Couple:Mo=3.2•10••17
NP1:Strike=159 Dip=47 Slip= 126
NP2: 292 54 58

22 21 40 37.29 3.506S 144.221E 33km
5.7mb (31 obs.) 6.2Msz (27 obs.)
NEAR N COAST OF NEW GUINEA, PNG.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 40S, ••C M.W.: 26S, 42C
Centroid Location:
Origin Time 21:40:42.0 0.1
Lat 3.32S 0.01 Lon 144.32E 0.01
Dep 15.0 FIX Half-duration 4.7
Principal Axes:
Scale 10••18 Nm
T Val= 2.36 Plg= 6 Azm=136
N −0.09 79 258
P −2.28 9 45
Best Double Couple:Mo=2.3•10••18
NP1:Strike=181 Dip=79 Slip=−178
NP2: 90 88 −11

23 00 20 00.43 4.544S 141.905E 99km
5.4mb (36 obs.)
NEW GUINEA, PAPUA NEW GUINEA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 31S, 57C
Centroid Location:
Origin Time 00:20: 6.1 0.5
Lat 4.57S 0.06 Lon 141.87E 0.06
Dep 116.9 2.0 Half-duration 2.7
Principal Axes:
Scale 10••17 Nm
T Val= 4.02 Plg= 2 Azm=127
N −0.83 74 31
P −3.19 16 218
Best Double Couple:Mo=3.6•10••17
NP1:Strike=261 Dip=77 Slip= −10
NP2: 354 80 −167

23 10 30 35.88 13.479N 89.997W 75km
5.3mb (77 obs.)
EL SALVADOR
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 40S, ••C
Centroid Location:
Origin Time 10:30:37.2 0.2
Lat 13.28N 0.02 Lon 90.48W 0.02
Dep 30.3 1.1 Half-duration 3.9
Principal Axes:
Scale 10••17 Nm
T Val= 11.95 Plg=69 Azm= 54
N −0.98 13 289
P −10.97 17 195
Best Double Couple:Mo=1.1•10••18
NP1:Strike=266 Dip=31 Slip= 64
NP2: 115 63 104

24 12 50 19.65 51.788N 176.118W 49km
4.9mb (48 obs.) 4.6Msz (13 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 37S, 78C
Centroid Location:
Origin Time 12:50:22.6 0.2
Lat 51.60N 0.03 Lon 175.98W 0.04
Dep 52.9 2.4 Half-duration 2.0
Principal Axes:
Scale 10••17 Nm
T Val= 1.69 Plg=66 Azm=290
N −0.07 14 54
P −1.62 19 149
Best Double Couple:Mo=1.7•10••17
NP1:Strike=262 Dip=28 Slip= 121
NP2: 48 66 74

24 20 36 46.13 2.250N 128.165E 141km
5.1mb (33 obs.)
HALMAHERA, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 19S, 28C
Centroid Location:
Origin Time 20:36:44.7 1.0
Lat 2.13N 0.08 Lon 128.17E 0.12
Dep 135.4 3.1 Half-duration 1.2
Principal Axes:
Scale 10••16 Nm
T Val= 3.79 Plg=60 Azm=239
N −0.14 30 60
P −3.64 1 330
Best Double Couple:Mo=3.7•10••16
NP1:Strike= 33 Dip=52 Slip= 50
NP2: 266 53 129

25 02 51 32.04 4.792S 139.734E 33km
5.6mb (33 obs.) 5.5Msz (26 obs.)
IRIAN JAYA, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 33S, 72C
Centroid Location:
Origin Time 02:51:33.0 0.4
Lat 4.71S 0.04 Lon 139.70E 0.03
Dep 15.0 FIX Half-duration 2.6
Principal Axes:
Scale 10••17 Nm
T Val= 4.77 Plg=26 Azm=164
N −0.56 63 3
P −4.20 7 258
Best Double Couple:Mo=4.5•10••17
NP1:Strike=304 Dip=66 Slip= 14
NP2: 209 77 156

25 16 55 04.17 19.613N 77.872W 23km
6.3mb (92 obs.) 6.9Msz (31 obs.)
CUBA REGION
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=182 Dip=80 Slip= 12
NP2: 90 78 170
Principal Axes:
T Plg=16 Azm= 46
P 1 316
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: 10 Focal mech. F
Energy 7.8±2.2•10••14 Nm
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 40S, ••C M.W.: 37S, 90C
Centroid Location:
Origin Time 16:55:11.1 0.1
Lat 19.84N 0.01 Lon 77.70W 0.01
Dep 15.0 FIX Half-duration 9.4
Principal Axes:
Scale 10••19 Nm
T Val= 1.82 Plg=31 Azm=103
N 0.38 43 339
P −2.20 32 214
Best Double Couple:Mo=2.0•10••19
NP1:Strike=248 Dip=43 Slip= −1
NP2: 339 89 −133

26 16 28 10.33 3.269S 135.834E 55km
5.4mb (33 obs.)
IRIAN JAYA REGION, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 32S, 47C
Centroid Location:
Origin Time 16:28:11.6 0.4
Lat 3.22S FIX;Lon 135.83E FIX
Dep 31.5 4.3 Half-duration 2.2
Principal Axes:
Scale 10••17 Nm
T Val= 2.55 Plg=22 Azm=262
N −0.21 55 136
P −2.34 25 3
Best Double Couple:Mo=2.4•10••17
NP1:Strike= 42 Dip=55 Slip= −2
NP2: 133 88 −145

27 05 13 38.81 11.122S 165.239E 19km
6.3mb (61 obs.) 7.0Msz (48 obs.)
SANTA CRUZ ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=345 Dip=72 Slip= −90
NP2: 165 18 −90
Principal Axes:
T Plg=27 Azm= 75
P 63 255
Comment: The focal mechanism is poorly controlled and corresponds to normal faulting. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 19 Focal mech. M
Energy 4.0±0.9•10••14 Nm
MOMENT TENSOR SOLUTION
Dep 8 No. of sta: 28
Principal Axes:
Scale 10••19 Nm
T Val= 3.26 Plg=16 Azm=101
N 0.22 31 1
P −3.48 54 214
Best Double Couple:Mo=3.4•10••19
NP1:Strike=227 Dip=40 Slip= −37
NP2: 347 68 −124
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 33S, 94C M.W.: 28S, 74C
Centroid Location:
Origin Time 05:13:46.1 0.1
Lat 11.20S 0.01 Lon 165.06E 0.01
Dep 18.7 0.4 Half-duration 12.8
Principal Axes:
Scale 10••19 Nm
T Val= 4.12 Plg=10 Azm= 73
N −0.42 4 343
P −3.69 79 234
Best Double Couple:Mo=3.9•10••19
NP1:Strike=168 Dip=35 Slip= −84
NP2: 340 56 −94

27 12 33 24.85 11.106S 165.532E 23km
4.8mb (14 obs.) 5.1Msz (13 obs.)
SANTA CRUZ ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 19C
Centroid Location:
Origin Time 12:33:24.7 3.6
Lat 11.65S 0.42 Lon 165.41E 0.18
Dep 26.713.0 Half-duration 2.0
Principal Axes:
Scale 10••16 Nm
T Val= 11.83 Plg=64 Azm= 59
N 2.12 2 326
P −13.95 26 235
Best Double Couple:Mo=1.3•10••17
NP1:Strike=321 Dip=19 Slip= 85
NP2: 146 71 92

27 17 18 18.14 31.283N 141.511E 33km
5.0mb (25 obs.) 5.0Msz (1 obs.)
SOUTH OF HONSHU, JAPAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 20S, 33C

Centroid Location:
Origin Time 17:18:20.7 0.9
Lat 31.11N 0.15 Lon 141.47E 0.10
Dep 27.1 6.6 Half-duration 1.3
Principal Axes:
Scale 10**16 Nm
T Val= 5.88 Plg=59 Azm=249
N 1.31 9 355
P -7.19 29 90
Best Double Couple:Mo=6.5*10**16
NP1:Strike=205 Dip=18 Slip= 122
NP2: 352 75 80

27 22 30 35.23 41.616S 173.727E 85km
5.8mb (24 obs.)
SOUTH ISLAND, NEW ZEALAND
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=120 Dip=74 Slip= 25
NP2: 23 66 162
Principal Axes:
T Plg=29 Azm=343
P 5 250
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.
MOMENT TENSOR SOLUTION
Dep 77 No. of sta: 7
Principal Axes:
Scale 10**17 Nm
T Val= 9.47 Plg=15 Azm=348
N -0.01 73 141
P -9.46 7 256
Best Double Couple:Mo=9.5*10**17
NP1:Strike= 31 Dip=74 Slip= 175
NP2: 123 85 16
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 35S, 80C
Centroid Location:
Origin Time 22:30:36.9 0.2
Lat 41.65S 0.02 Lon 173.71E 0.02
Dep 75.4 1.5 Half-duration 3.3
Principal Axes:
Scale 10**17 Nm
T Val= 8.33 Plg=14 Azm=345
N 0.55 71 124
P -8.87 12 252
Best Double Couple:Mo=8.6*10**17
NP1:Strike= 29 Dip=72 Slip= 178
NP2: 119 88 18

28 09 27 07.54 30.650S 178.162W 27km
5.8mb (46 obs.) 5.2Msz (12 obs.)
KERMADEC ISLANDS, NEW ZEALAND
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 45 Dip=60 Slip= 90
NP2: 225 30 90
Principal Axes:
T Plg=75 Azm=315
P 15 135
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
RADIATED ENERGY
No. of sta: 14 Focal mech. M
Energy 9.3±1.8*10**11 Nm
MOMENT TENSOR SOLUTION
Dep 39 No. of sta: 22
Principal Axes:
Scale 10**17 Nm
T Val= 5.47 Plg=73 Azm=252
N -0.03 16 52
P -5.44 5 144
Best Double Couple:Mo=5.5*10**17
NP1:Strike=251 Dip=42 Slip= 114
NP2: 40 52 70
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 35S, 87C
Centroid Location:
Origin Time 09:27:14.3 0.3
Lat 30.53S 0.03 Lon 177.84W 0.03
Dep 28.8 1.8 Half-duration 3.0
Principal Axes:
Scale 10**17 Nm
T Val= 5.40 Plg=65 Azm=284
N 0.70 1 191
P -6.10 25 100
Best Double Couple:Mo=5.8*10**17
NP1:Strike=187 Dip=20 Slip= 86
NP2: 12 70 92

28 17 58 34.19 35.638N 140.525E 65km
5.0mb (45 obs.)
NEAR EAST COAST OF HONSHU, JAPAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 24S, 41C
Centroid Location:
Origin Time 17:58:35.9 0.5
Lat 35.73N 0.06 Lon 140.96E 0.05
Dep 53.0 3.9 Half-duration 1.9
Principal Axes:
Scale 10**16 Nm
T Val= 10.58 Plg=68 Azm=280
N -0.05 3 18
P -10.54 22 109
Best Double Couple:Mo=1.1*10**17
NP1:Strike=206 Dip=23 Slip= 98
NP2: 17 67 86

28 21 24 46.34 47.625N 155.562E 14km
6.0mb (137 obs.) 5.4Msz (25 obs.)
EAST OF KURIL ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=219 Dip=69 Slip= -90
NP2: 39 21 -90
Principal Axes:
T Plg=24 Azm=309
P 66 129
Comment: The focal mechanism is poorly controlled and corresponds to normal faulting. The preferred fault plane is NP1.
RADIATED ENERGY
No. of sta: 16 Focal mech. F
Energy 6.5±1.6*10**12 Nm
MOMENT TENSOR SOLUTION
Dep 8 No. of sta: 25
Principal Axes:
Scale 10**17 Nm
T Val= 5.06 Plg=32 Azm=296
N -0.22 6 203
P -4.84 57 103
Best Double Couple:Mo=5.0*10**17
NP1:Strike= 49 Dip=14 Slip= -63
NP2: 201 77 -96
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 34S, 77C
Centroid Location:
Origin Time 21:24:49.7 0.3
Lat 47.62N 0.03 Lon 156.44E 0.05
Dep 15.0 BDY Half-duration 2.7
Principal Axes:
Scale 10**17 Nm
T Val= 4.79 Plg=30 Azm=311
N 0.46 14 213
P -5.24 56 101
Best Double Couple:Mo=5.0*10**17
NP1:Strike= 77 Dip=20 Slip= -44
NP2: 209 76 -104

28 23 19 34.98 23.105N 121.409E 17km
5.4mb (72 obs.) 5.2Msz (14 obs.)
TAIWAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 17S, 26C
Centroid Location:
Origin Time 23:19:36.9 0.5
Lat 22.84N 0.10 Lon 121.45E 0.11
Dep 15.0 FIX Half-duration 2.1
Principal Axes:
Scale 10**17 Nm
T Val= 2.31 Plg=70 Azm=207
N 0.14 19 47
P -2.45 6 315
Best Double Couple:Mo=2.4*10**17
NP1:Strike= 25 Dip=42 Slip= 60
NP2: 242 54 114

29 07 47 33.12 10.891S 165.238E 33km
5.3mb (37 obs.) 5.2Msz (15 obs.)
SANTA CRUZ ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 24S, 39C
Centroid Location:
Origin Time 07:47:32.0 0.6
Lat 11.25S 0.07 Lon 164.96E 0.06
Dep 82.6 5.3 Half-duration 1.9
Principal Axes:
Scale 10**16 Nm
T Val= 8.41 Plg=33 Azm= 87
N 0.81 15 347
P -9.22 52 236
Best Double Couple:Mo=8.8*10**16
NP1:Strike=222 Dip=18 Slip= -33
NP2: 344 80 -106

29 08 32 09.82 47.728N 155.630E 45km
5.5mb (72 obs.) 4.9Msz (11 obs.)
EAST OF KURIL ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 24S, 50C
Centroid Location:
Origin Time 08:32:13.5 0.5
Lat 47.69N 0.07 Lon 155.23E 0.10
Dep 15.0 FIX Half-duration 1.5
Principal Axes:
Scale 10**16 Nm
T Val= 7.92 Plg=13 Azm=132
N 0.25 15 38
P -8.18 70 262
Best Double Couple:Mo=8.1*10**16
NP1:Strike=241 Dip=34 Slip= -63
NP2: 30 60 -107

29 12 39 22.66 27.220N 127.473E 95km
5.3mb (74 obs.)
RYUKYU ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 8S, 10C
Centroid Location:
Origin Time 12:39:23.1 1.3
Lat 27.16N 0.12 Lon 129.04E 0.20
Dep 122.1 5.5 Half-duration 1.2
Principal Axes:
Scale 10**16 Nm
T Val= 6.90 Plg=45 Azm=282
N 4.48 19 172
P -11.38 39 66
Best Double Couple:Mo=9.1*10**16
NP1:Strike= 93 Dip=19 Slip= 10
NP2: 353 87 109

29 21 28 25.91 7.500N 126.910E 46km
5.0mb (21 obs.) 4.7Msz (1 obs.)
MINDANAO, PHILIPPINE ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 27S, 43C
Centroid Location:
Origin Time 21:28:28.8 0.8
Lat 7.63N 8.09 Lon 127.55E 0.08
Dep 15.0 FIX Half-duration 1.7
Principal Axes:
Scale 10**16 Nm
T Val= 9.30 Plg=69 Azm=340
N -1.26 19 185
P -8.04 8 92
Best Double Couple:Mo=8.7*10**16
NP1:Strike=161 Dip=40 Slip= 60
NP2: 19 56 113

29 21 52 26.86 31.170N 141.731E 19km
5.6mb (92 obs.) 5.7Msz (29 obs.)
SOUTH OF HONSHU, JAPAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 35S, 88C
Centroid Location:
Origin Time 21:52:31.2 0.2
Lat 31.14N 0.03 Lon 141.82E 0.02
Dep 16.9 1.2 Half-duration 3.6
Principal Axes:
Scale 10**18 Nm
T Val= 1.17 Plg=70 Azm=259
N 0.21 5 3
P -1.38 19 94
Best Double Couple:Mo=1.3*10**18
NP1:Strike=193 Dip=26 Slip= 101
NP2: 0 64 85

29 22 52 34.59 1.819N 127.494E 123km
5.6mb (45 obs.)
HALMAHERA, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN

L.P.B.: 33S, 58C
Centroid Location:
Origin Time 22:52:40.6 0.7
Lat 2.30N 0.08 Lon 127.38E 0.06
Dep 114 0 4.1 Half-duration 2.1
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.69	62	105
N	0.28	1	197
P	-1.96	28	288

Best Double Couple:Mo=1.8*10**17
NP1:Strike= 20 Dip=18 Slip= 93
NP2: 197 73 89

30 12 42 03.52 30.694N 141.590E 20km
5.9mb (112 obs.) 5.8Msz (31 obs.)
SOUTH OF HONSHU, JAPAN
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 2 Dip=80 Slip= 90
NP2: 182 10 90
Principal Axes:

	Plg=	Azm=
T	55	272
P	35	92

Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
RADIATED ENERGY
No. of sta: 14 Focal mech. F
Energy 4.6±1.2*10**12 Nm
MOMENT TENSOR SOLUTION
Dep 21 No. of sta: 23
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	9.01	62	253
N	-0.56	14	10
P	-8.45	24	106

Best Double Couple:Mo=8.7*10**17
NP1:Strike=223 Dip=24 Slip= 126
NP2: 5 71 76
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 32S, 87C
Centroid Location:
Origin Time 12:42: 6.6 0.2
Lat 30.75N 0.03 Lon 141.84E 0.02
Dep 15.0 FIX Half-duration 4.0
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	11.94	64	291
N	1.63	10	181
P	-13.57	24	87

Best Double Couple:Mo=1.3*10**18
NP1:Strike=156 Dip=22 Slip= 64
NP2: 5 70 100

30 16 30 01.95 14.442N 92.931W 55km
5.6mb (75 obs.) 6.2Msz (40 obs.)
NEAR COAST OF CHIAPAS, MEXICO
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 40S, **C
Centroid Location:
Origin Time 16:30: 4.1 0.1
Lat 14.32N 0.01 Lon 93.13W 0.01
Dep 28.9 0.9 Half-duration 5.5
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	3.50	68	46
N	-0.03	8	295
P	-3.47	20	202

Best Double Couple:Mo=3.5*10**18
NP1:Strike=277 Dip=26 Slip= 71
NP2: 119 65 99

31 06 20 07.59 30.640N 141.596E 32km
5.6mb (82 obs.) 5.6Msz (20 obs.)
SOUTH OF HONSHU, JAPAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 30S, 74C
Centroid Location:
Origin Time 06.20 10.3 0.2
Lat 30.81N 0.03 Lon 141.80E 0.02
Dep 15.0 FIX Half-duration 3.3
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	6.39	67	283
N	1.51	5	180
P	-7.90	22	88

Best Double Couple:Mo=7.1*10**17
NP1:Strike=167 Dip=24 Slip= 77
NP2: 2 67 96

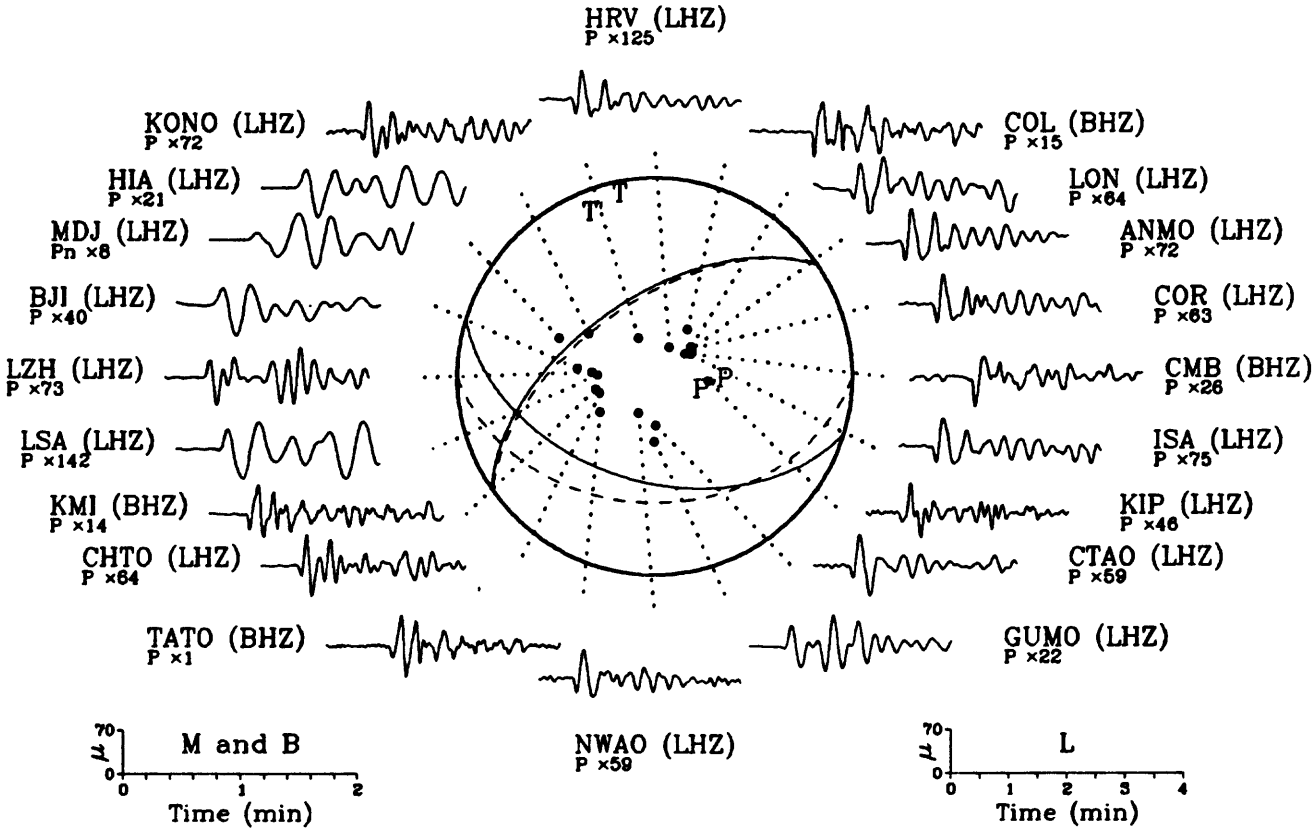
31 21 53 29.86 11.207S 165.178E 33km
5.0mb (22 obs.) 5.2Msz (14 obs.)
SANTA CRUZ ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 16S, 25C
Centroid Location:
Origin Time 21:53:32.1 1.1
Lat 11.23S 0.12 Lon 164.78E 0.09
Dep 33.0 FIX Half-duration 1.7
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	7.22	28	83
N	-1.22	3	352
P	-6.00	62	256

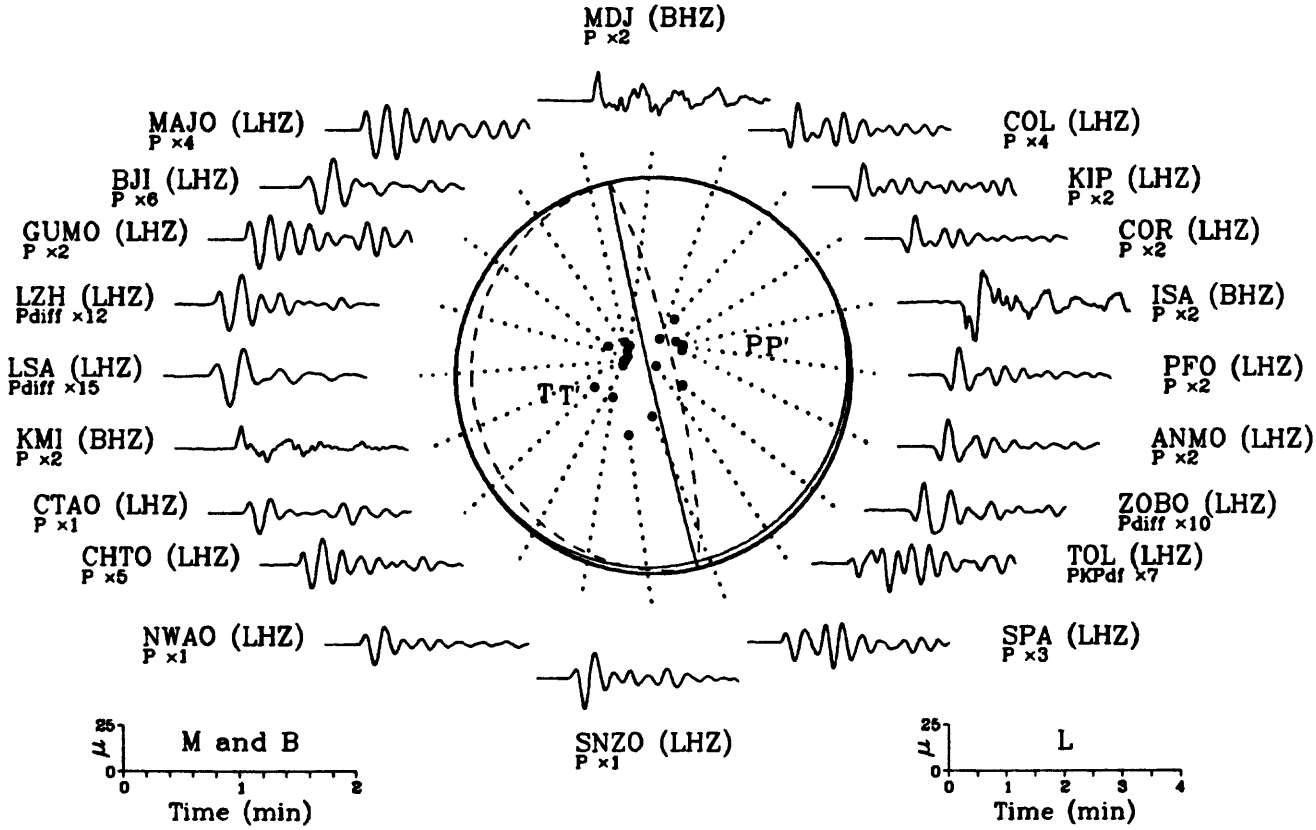
Best Double Couple:Mo=6.6*10**16
NP1:Strike=182 Dip=17 Slip= -79
NP2: 351 73 -93

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

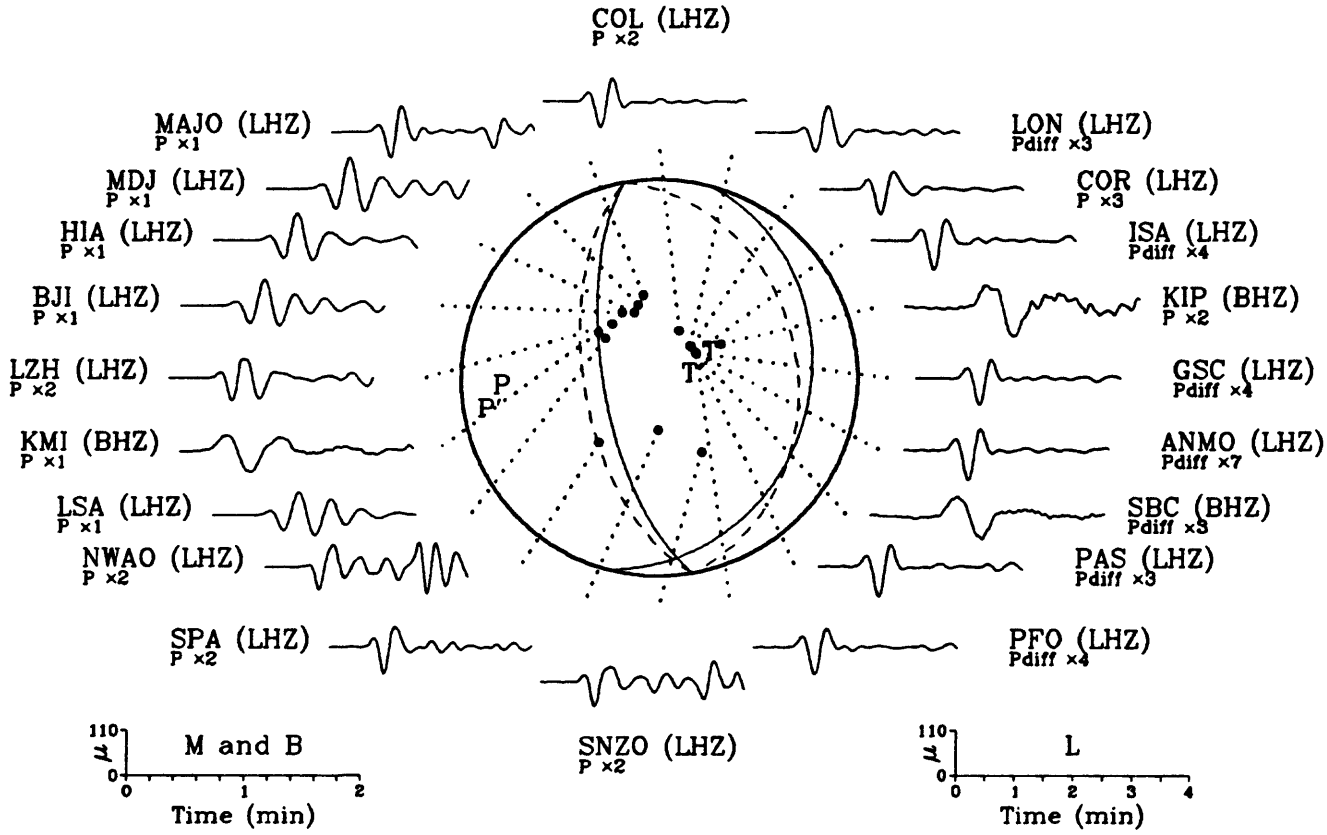
07 May 1992 06:23:36.15
Hokkaido, Japan Region



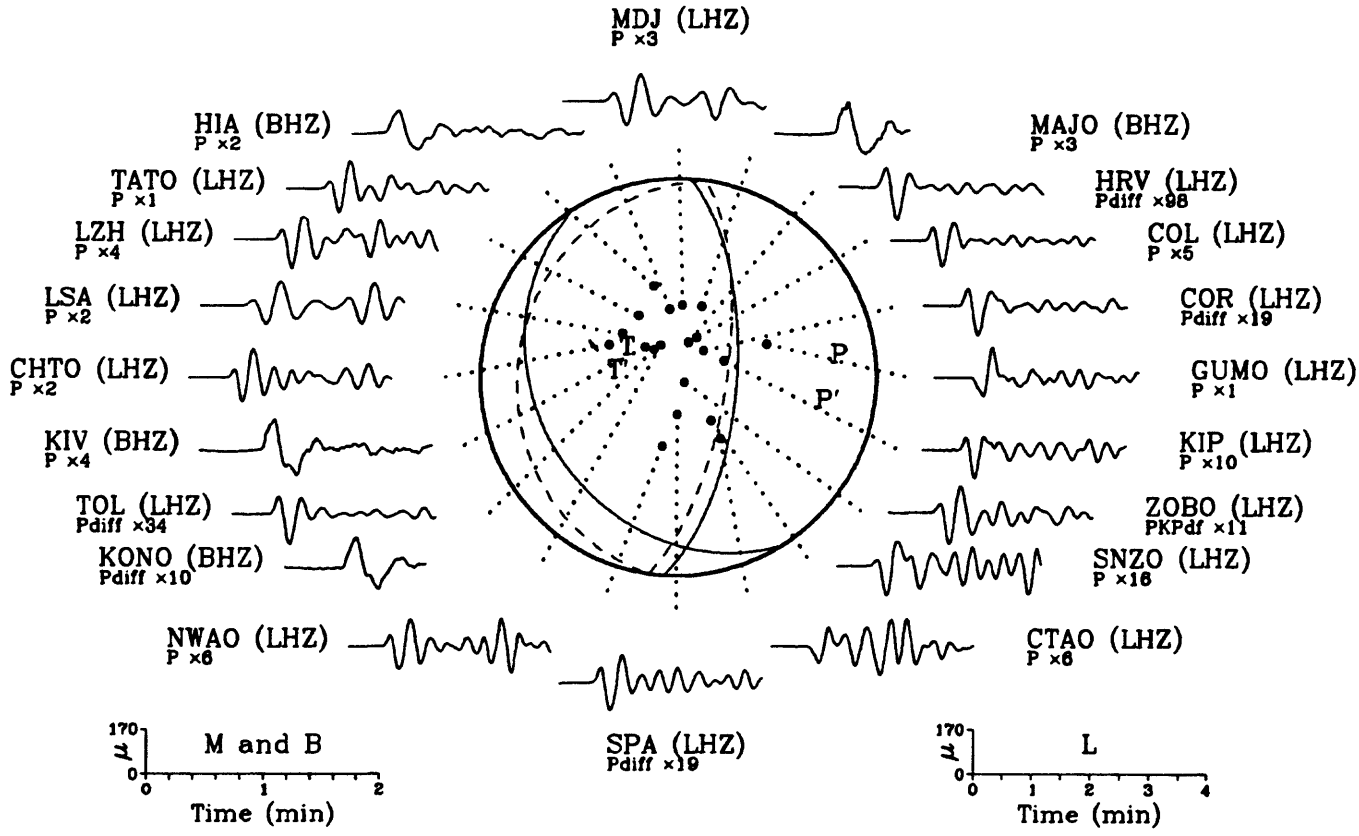
12 May 1992 18:05:42.60
Samoa Islands Region



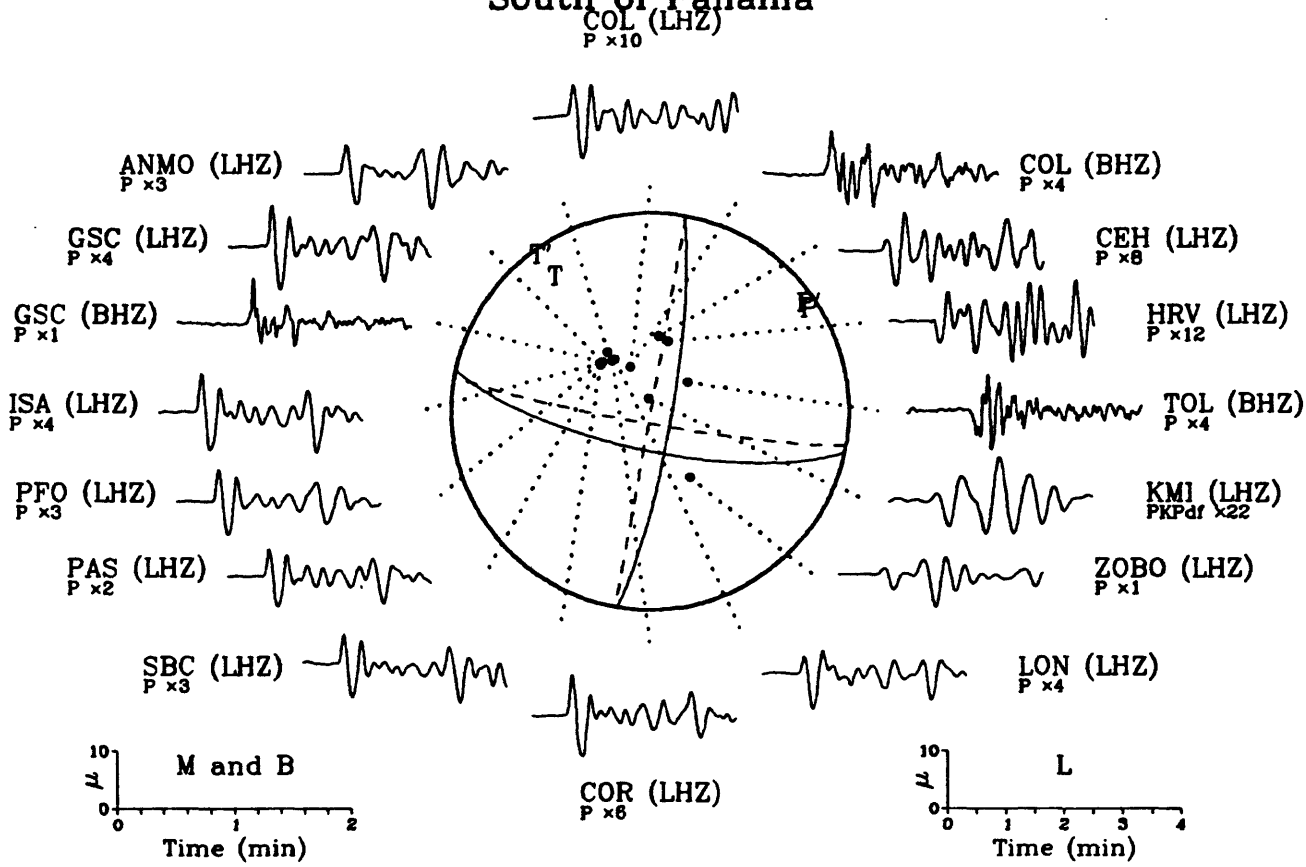
15 May 1992 07:05:05.34
Eastern New Guinea Reg., P.N.G.



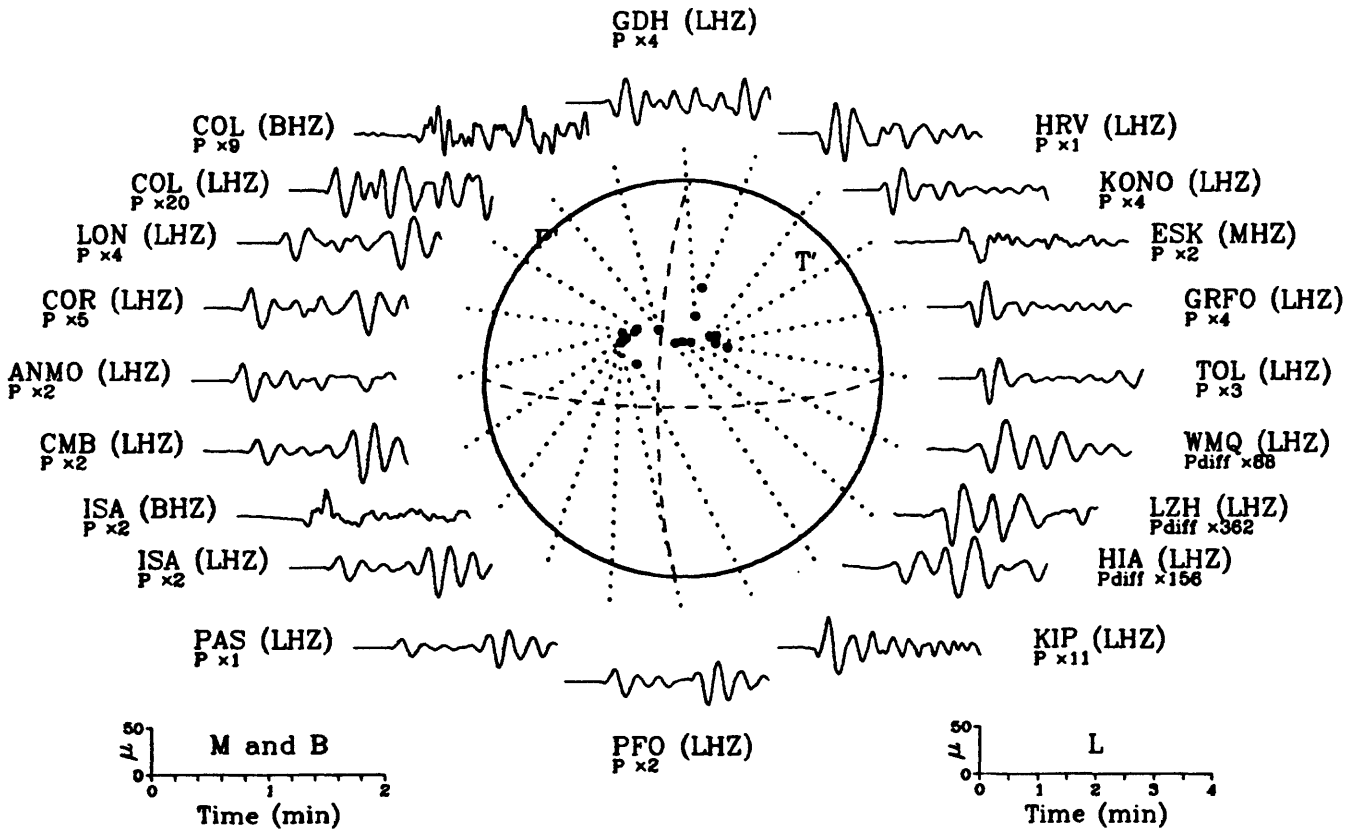
17 May 1992 09:49:19.11
Mindanao, Philippine Islands



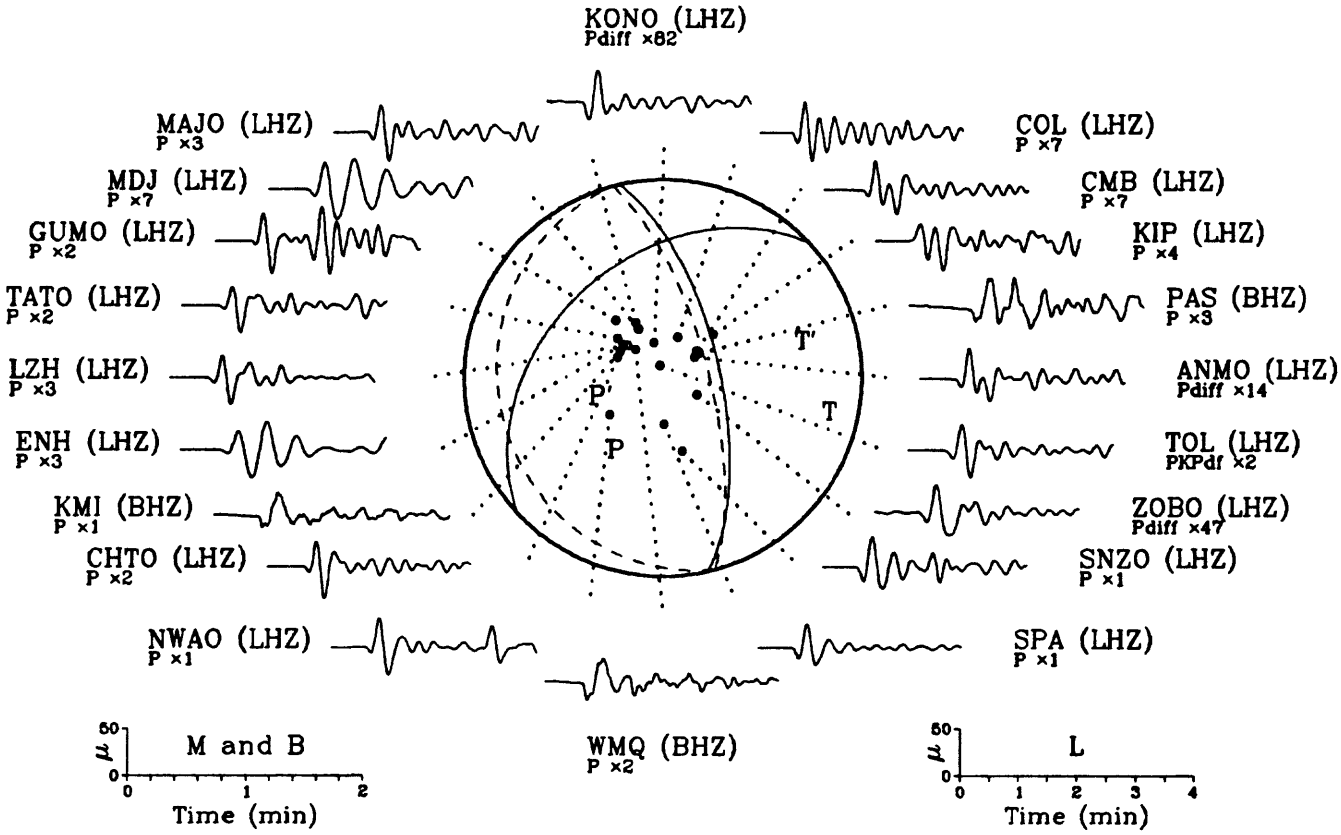
18 May 1992 23:19:20.87
South of Panama



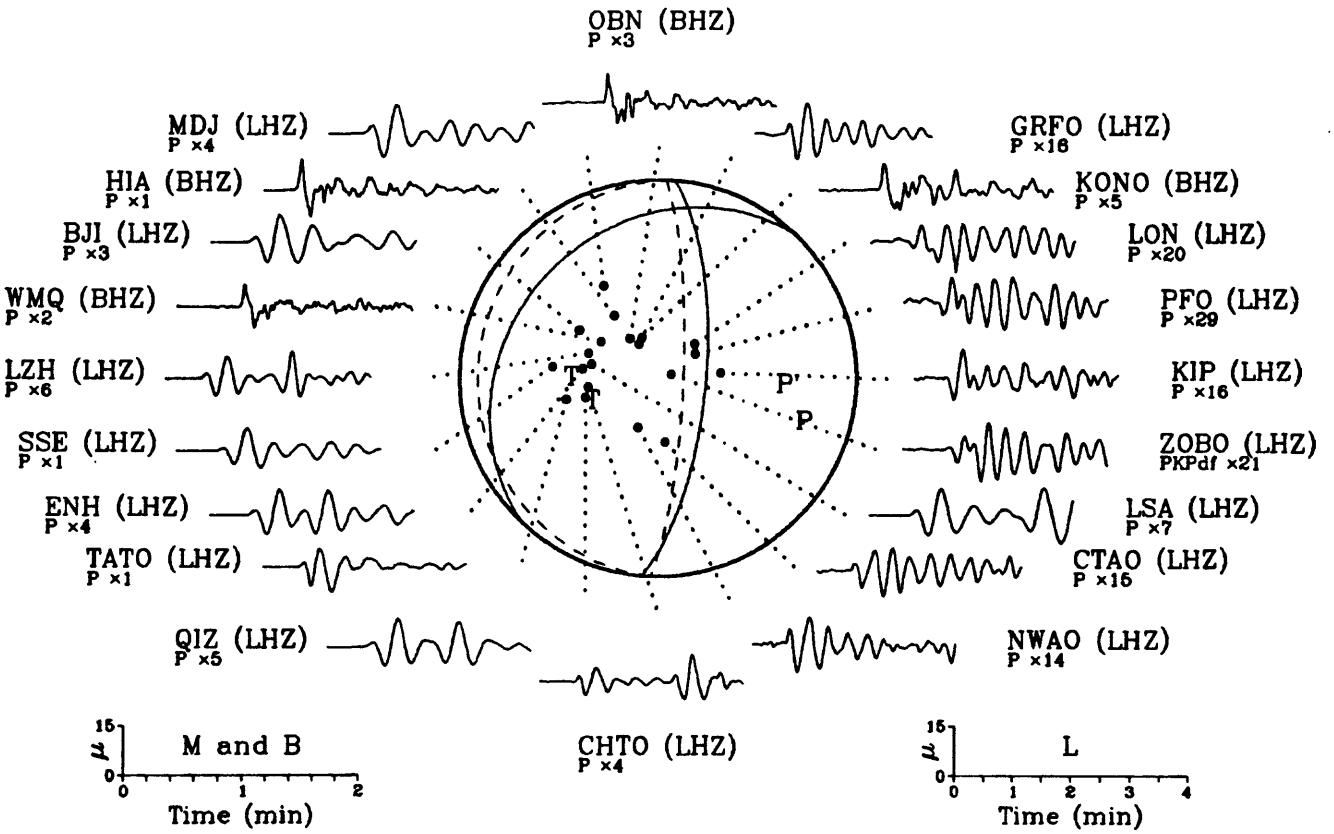
25 May 1992 16:55:04.17
Cuba Region



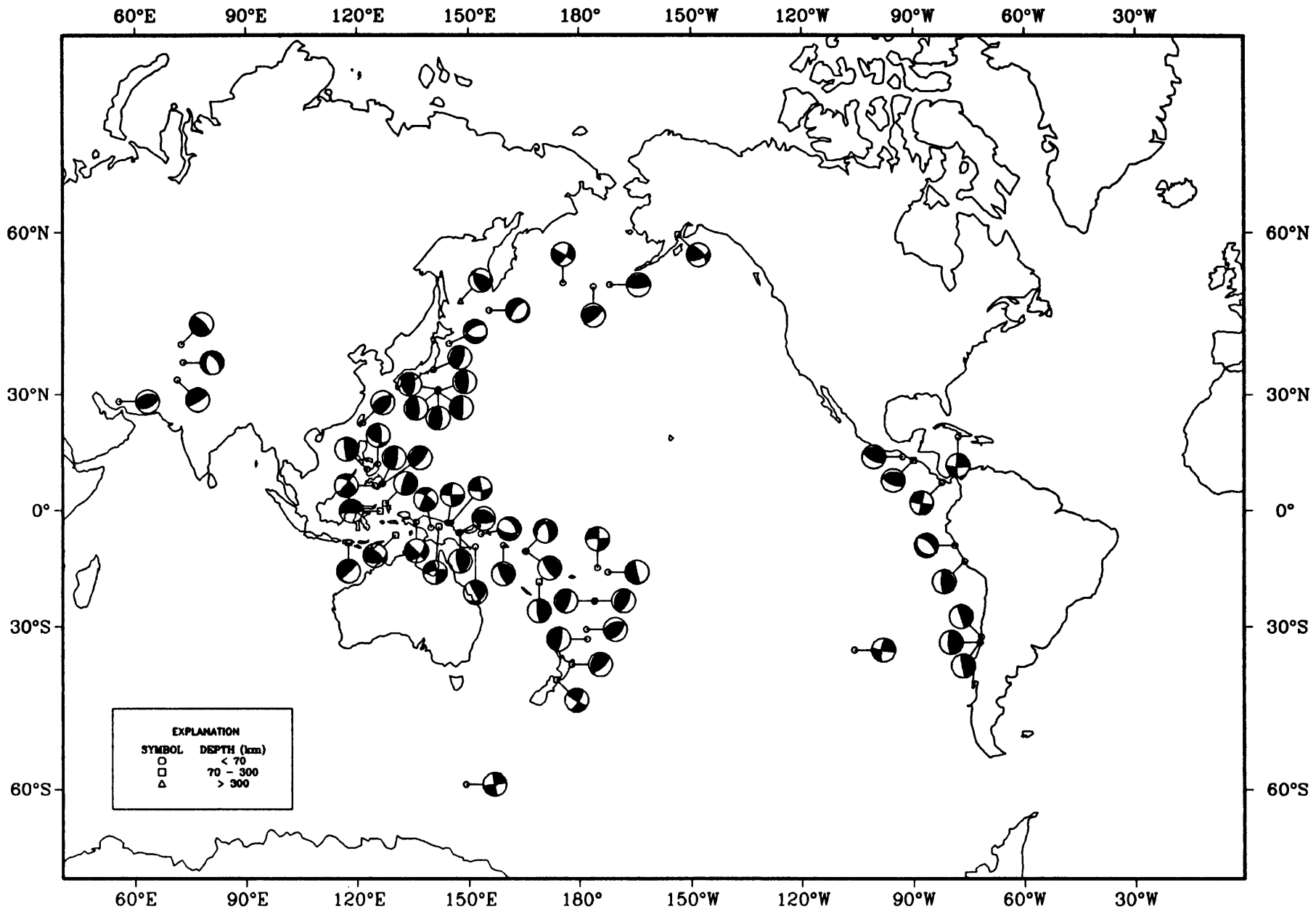
27 May 1992 05:13:38.81
Santa Cruz Islands

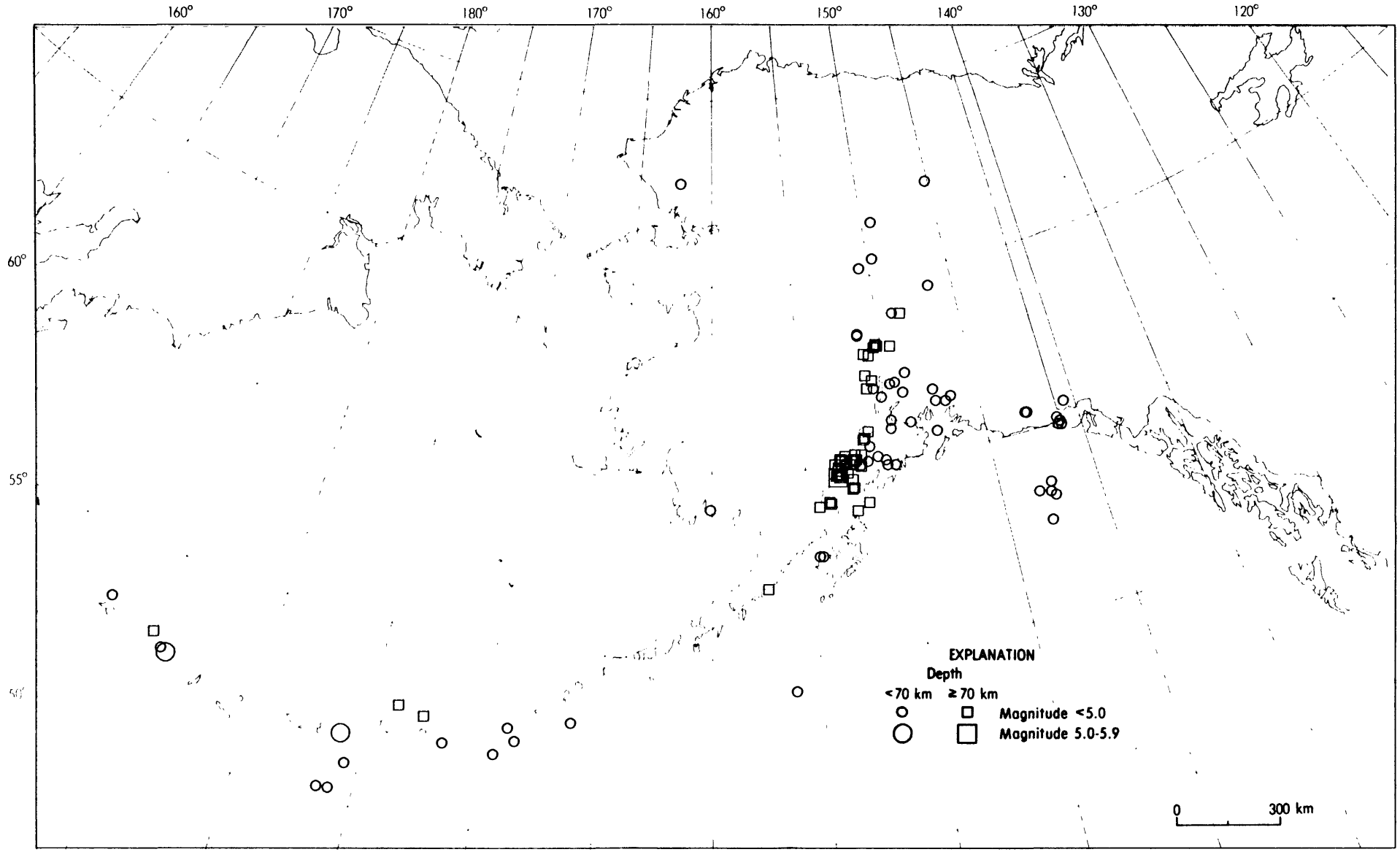


30 May 1992 12:42:03.52
South of Honshu, Japan

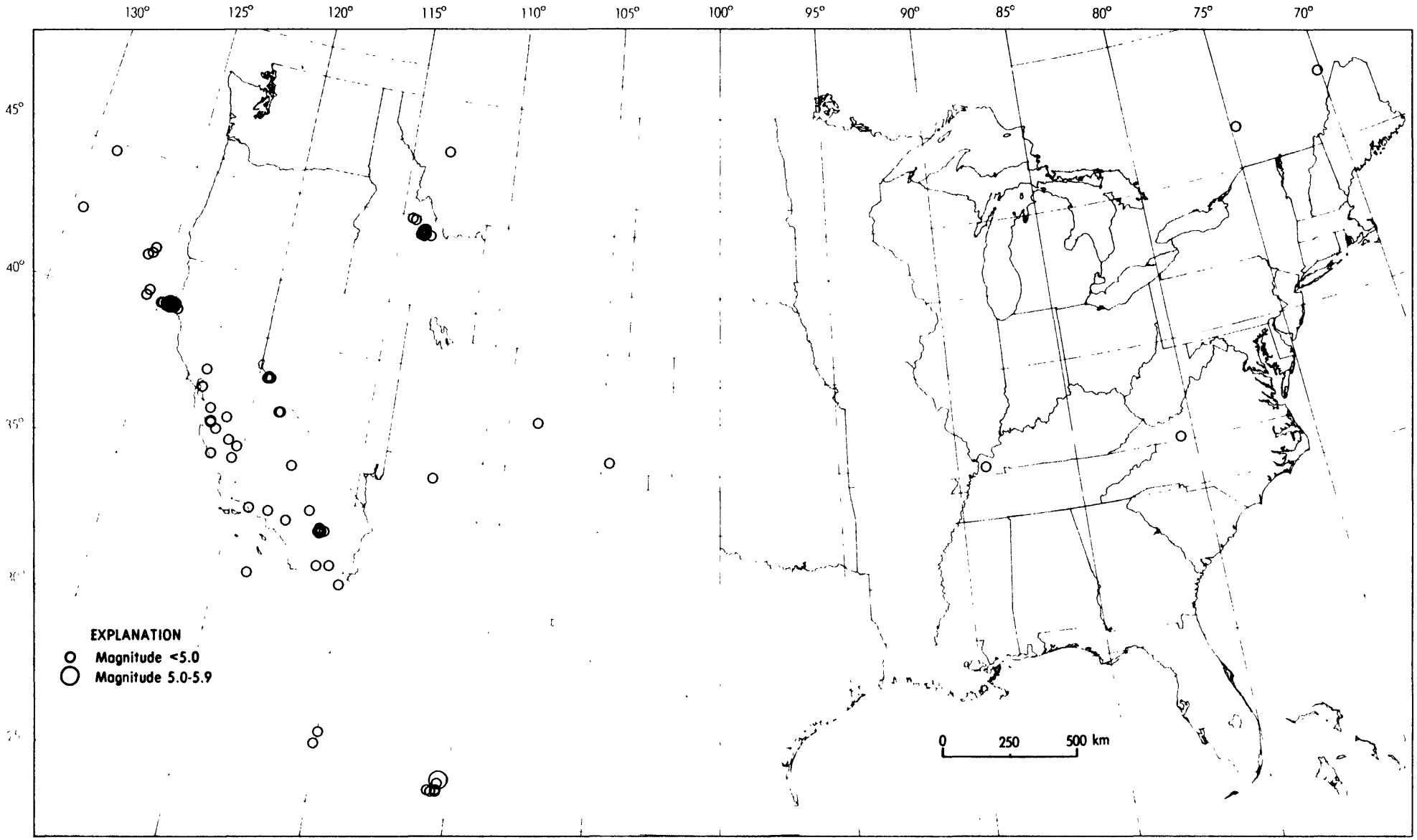


Earthquake Focal Mechanisms for May 1992

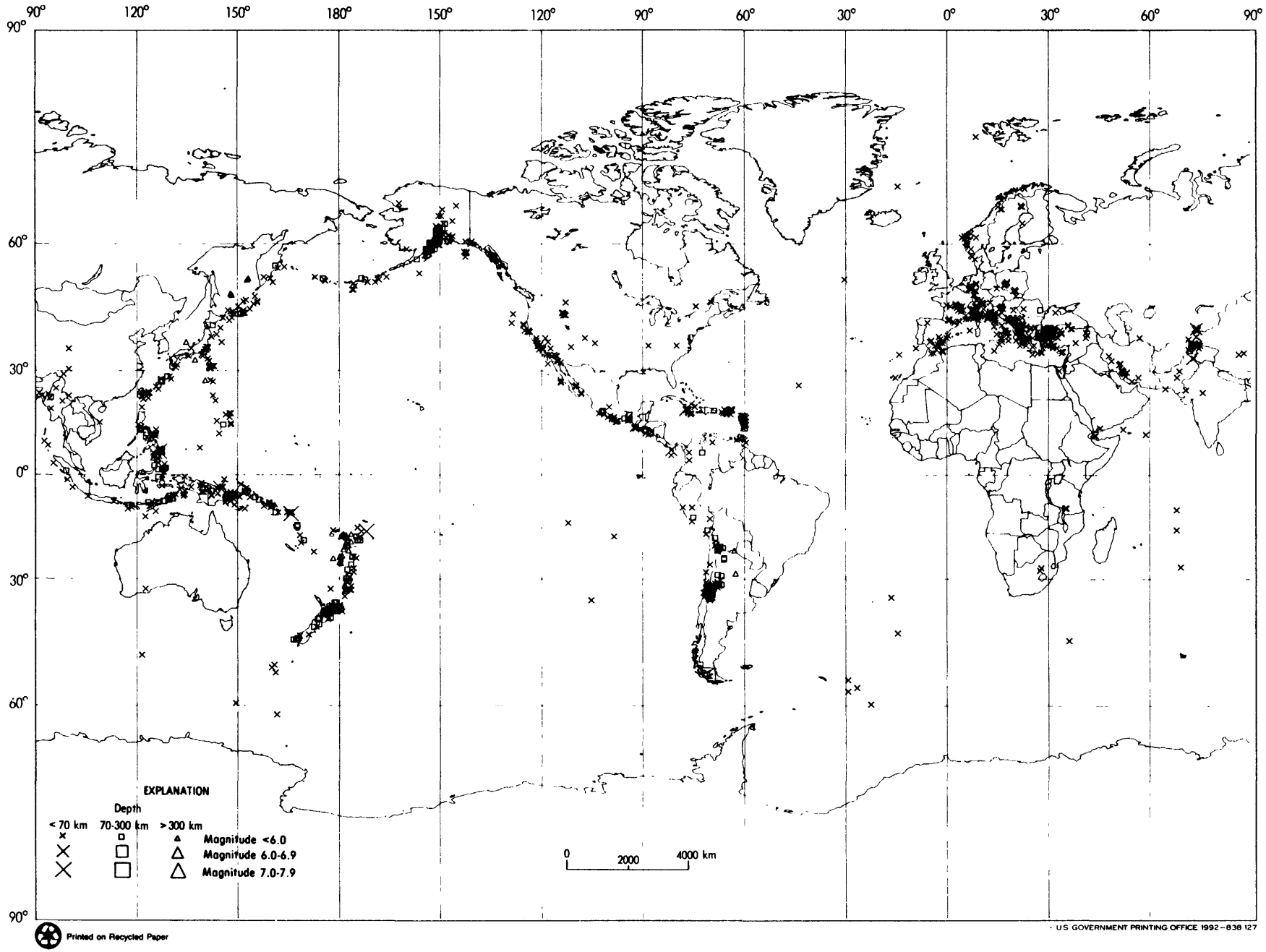




Earthquake epicenters in Alaska and adjacent regions for May, 1992 (C. Stover).



Earthquake epicenters in the conterminous United States and adjacent regions for May, 1992 (C. Stover).



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Earthquakes located in May, 1992 (C. Stover).

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National Earthquake Information Center

APRIL 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	13	01.6	41.107	N	21.084	E	10	G			0.9	23	NORTHWESTERN BALKAN REGION. ML 3.0 (SKO). Felt (IV) in the Resen area, Yugoslavia.
	01	00	13	33.4	41.070	N	20.993	E	10	G			0.9	10	ALBANIA. ML 3.6 (SKO), 3.1 (TIR). MD 3.7 (ATH). Felt (V) in the Resen area, Yugoslavia.
	01	00	29	19.4	41.067	N	21.009	E	10				0.4	12	NORTHWESTERN BALKAN REGION. ML 2.9 (SKO). MD 2.9 (THE). Felt (IV) in the Resen area, Yugoslavia.
	01	00	29	20.6&	64.978	N	149.377	W	12		2.7			38	CENTRAL ALASKA. <AEIC>. ML 2.8 (AEIC).
o	01	00	31	52.3	17.510	N	101.033	W	57		4.9		1.1	86	NEAR COAST OF GUERRERO, MEXICO. Felt at Mexico City and Puebla.
	01	00	48	28.4?	17.32	N	101.02	W	33	N			0.5	4	NEAR COAST OF GUERRERO, MEXICO
	01	01	22	51.4	9.127	S	123.421	E	33	N	5.2	4.7	1.1	62	TIMOR REGION, INDONESIA
a	01	01	38	03.3	3.125	S	129.023	E	33	N	5.2	4.7	1.2	83	SERAM, INDONESIA
	01	01	46	32.5	12.051	N	61.232	W	101	?			0.5	10	WINDWARD ISLANDS. MD 3.2 (TRN).
	01	05	09	30.2	24.062	S	66.815	W	212	•	4.3		1.0	11	SALTA PROVINCE, ARGENTINA
	01	05	39	39.5•	40.426	N	23.919	E	10	G			0.7	6	GREECE. MD 2.5 (THE).
	01	05	45	30.7%	44.969	S	167.237	E	128	•			0.4	18	SOUTH ISLAND, NEW ZEALAND
	01	05	55	26.8%	43.017	S	171.208	E	23				0.7	24	SOUTH ISLAND, NEW ZEALAND. ML 3.8 (WEL).
	01	06	06	19.9•	45.373	N	150.945	E	33	N	3.8		0.7	11	KURIL ISLANDS
	01	06	09	58.1	41.171	N	24.028	E	15				1.2	25	GREECE-BULGARIA BORDER REGION. MD 2.8 (THE).
	01	06	41	52.7	42.909	N	1.851	E	10	G			0.9	8	PYRENEES. ML 1.0 (STR).
	01	06	59	46.0%	40.799	N	30.374	E	10	G			0.6	5	TURKEY. MG 2.6 (DDA).
	01	07	25	21.3	38.950	N	17.027	E	40	•	3.8		0.9	45	SOUTHERN ITALY. ML 4.0 (TTG). MD 4.1 (ATH), 4.0 (THE).
	01	08	14	01.2•	38.910	N	28.211	E	10	G			0.6	6	TURKEY
	01	08	32	58.3?	52.24	N	158.60	E	33	N	4.5		0.4	7	NEAR EAST COAST OF KAMCHATKA
	01	08	36	40.7?	31.08	S	68.56	W	118	?			1.2	7	SAN JUAN PROVINCE, ARGENTINA
	01	09	05	21.4•	19.313	N	67.114	W	33	N	4.0		1.2	15	MONA PASSAGE
	01	09	09	55.9	27.186	N	142.621	E	33	N	4.7		0.8	46	BONIN ISLANDS REGION
	01	09	18	50.9•	6.401	S	30.854	E	10	G	3.8		1.3	7	LAKE TANGANYIKA REGION
	01	09	24	25.4	43.403	N	5.412	E	10	G			0.7	14	NEAR SOUTH COAST OF FRANCE. ML 2.7 (STR).
	01	09	31	30.8?	17.04	N	101.47	W	10	G			0.1	5	NEAR COAST OF GUERRERO, MEXICO
	01	10	15	05.2&	59.964	N	152.652	W	100		3.4			82	SOUTHERN ALASKA. <AEIC>.
	01	10	46	21.4?	45.78	N	26.88	E	120	G			0.9	5	ROMANIA
	01	11	03	34.4	8.470	N	125.665	E	69	D	4.8		1.1	51	MINDANAO, PHILIPPINE ISLANDS. Felt (III RF) at Cagayan de Oro.
	01	11	33	47.7	47.884	N	113.729	W	5	G	4.0		0.6	77	MONTANA. ML 3.8 (GS), 4.2 (BUT). Felt (III) at Big Arm, Pablo and Swan Lake. Felt (II) at Ronan. Also felt at Polson.
	01	11	46	10.3?	51.26	N	16.03	E	10	G			0.1	5	POLAND
	01	11	54	01.4•	43.911	N	143.481	E	222	?	4.0		1.0	15	HOKKAIDO, JAPAN REGION
	01	12	08	07.6?	32.65	N	130.13	E	10	G			0.9	4	KYUSHU, JAPAN
	01	12	18	13.2•	38.876	N	29.362	E	10	G			1.1	7	TURKEY
	01	12	23	39.7	39.396	N	28.681	E	10	G	4.0		0.7	54	TURKEY. ML 4.1 (ATH). Felt at Bursa and Balikesir.
	01	12	28	57.6?	39.33	N	28.71	E	10	G			0.4	7	TURKEY
	01	12	33	09.2%	39.663	N	28.606	E	10	G			0.4	6	TURKEY
	01	12	36	09.8	39.365	N	28.694	E	10	G			0.7	24	TURKEY. MG 3.7 (DDA).
	01	13	10	03.4•	9.559	S	66.840	E	10	G	4.7	4.7	1.4	37	MID-INDIAN RIDGE
	01	13	41	03.9	27.392	N	87.065	E	33	N	4.3		1.4	21	NEPAL. ML 4.3 (BJI). Felt at Sheduwa.
	01	15	06	44.9•	31.326	S	176.919	W	10	G	4.9	4.6	1.1	33	KERMADEC ISLANDS REGION
	01	15	38	11.1%	40.462	S	173.343	E	201				0.5	34	COOK STRAIT, NEW ZEALAND
	01	16	20	54.8?	15.34	S	175.24	W	326	?	4.6		0.9	21	TONGA ISLANDS
	01	18	40	04.6	39.421	N	28.593	E	9	•			0.5	10	TURKEY
	01	18	51	25.9•	37.482	N	71.356	E	33	N	4.0		1.1	9	AFGHANISTAN-TAJIKISTAN BORD REG.
	01	19	26	36.0	43.174	N	0.181	W	18				0.9	20	PYRENEES. Felt (II) in the Asson area, France.
	01	19	33	41.5%	39.394	N	28.843	E	10	G			0.4	8	TURKEY
	01	19	37	00.1	39.378	N	28.711	E	10	G			0.4	15	TURKEY
	01	19	38	44.8	13.244	S	174.839	E	33	N	5.2	4.7	1.1	78	FIJI ISLANDS REGION
	01	19	42	27.3•	51.619	N	7.002	E	10	G			0.3	6	GERMANY. ML 1.9 (BNS).
	01	20	33	23.4	41.931	N	23.132	E	10	G			0.2	11	GREECE-BULGARIA BORDER REGION. MD 2.3 (THE).

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	01	20	54	03.7	31.964	N	83.754	E	52	*	4.1	0.7	23	XIJANG
	01	21	02	38.0	14.672	S	171.384	E	624	D	5.0	1.0	178	VANUATU ISLANDS REGION
	01	21	03	35.7*	32.692	S	71.536	W	10	G		0.6	9	NEAR COAST OF CENTRAL CHILE
	01	21	36	24.9?	31.95	S	177.66	W	33	N	4.8 4.7	1.2	17	KERMADEC ISLANDS REGION
	01	22	08	26.4?	46.83	N	5.62	E	10	G		0.9	6	FRANCE
	01	22	10	45.1%	45.050	N	7.226	E	10	G		0.3	5	NORTHERN ITALY. ML 2.0 (GEN).
	01	22	11	00.1&	60.170	N	153.004	W	123				62	SOUTHERN ALASKA. <AEIC>.
	01	22	57	40.6	43.098	S	171.378	E	24		4.3	1.1	47	SOUTH ISLAND, NEW ZEALAND. ML 4.9 (WEL).
	01	23	15	08.7%	43.013	S	171.184	E	10	G		0.9	25	SOUTH ISLAND, NEW ZEALAND. ML 3.9 (WEL).
	01	23	19	53.8&	63.011	N	150.943	W	122		3.4		76	CENTRAL ALASKA. <AEIC>.
	01	23	51	34.0*	51.635	N	16.184	E	10	G		1.2	27	POLAND. ML 3.9 (VIE).
	01	23	54	37.1%	43.011	S	171.207	E	10	G		1.0	35	SOUTH ISLAND, NEW ZEALAND. ML 4.3 (WEL).
	02	00	05	55.7?	5.65	S	147.26	E	203	*	4.8	1.1	7	EASTERN NEW GUINEA REG., P.N.G.
	02	00	07	40.1*	42.180	N	147.788	E	10	G	4.0	1.3	9	OFF COAST OF HOKKAIDO, JAPAN
	02	00	56	25.2&	63.131	N	149.816	W	93				69	CENTRAL ALASKA. <AEIC>.
	02	00	59	55.3	37.094	N	3.908	W	33	N		1.2	16	SPAIN. mbLg 3.5 (MDD). Felt (III) at La Zahora.
	02	01	39	40.9	24.135	N	121.811	E	34	D	4.7 4.5	1.1	70	TAIWAN
	02	01	41	52.7*	24.035	N	121.960	E	10	G	4.0	1.3	8	TAIWAN
	02	02	22	10.8*	42.587	N	2.489	E	10	G		0.7	5	PYRENEES. ML 1.6 (STR).
	02	02	33	50.6%	24.029	N	121.834	E	10	G		1.3	6	TAIWAN
a	02	03	17	55.6	37.562	S	17.164	W	10	G	5.4 5.2	0.9	69	SOUTHERN MID-ATLANTIC RIDGE
	02	04	05	12.9%	39.008	S	176.969	E	84	*		1.2	35	NORTH ISLAND, NEW ZEALAND
	02	04	36	24.4	43.394	N	5.415	E	10	G		0.7	14	NEAR SOUTH COAST OF FRANCE. ML 2.7 (STR).
	02	06	03	11.1*	35.183	N	141.372	E	10	G	4.5	1.3	24	NEAR EAST COAST OF HONSHU, JAPAN
	02	06	40	22.8	49.237	N	128.825	W	10	G	4.2	0.9	126	VANCOUVER ISLAND REGION
a	02	06	42	42.0	37.298	S	17.351	W	10	G	5.4 5.5	1.1	43	SOUTHERN MID-ATLANTIC RIDGE
	02	07	10	17.9*	36.308	N	28.037	E	10	G		0.5	12	DODECANESE ISLANDS
	02	07	25	58.9	41.844	N	19.288	E	10	G		1.1	14	ALBANIA. ML 2.6 (TTG), 2.4 (TIR).
	02	08	42	26.1	49.189	N	128.742	W	10	G	3.7	0.7	55	VANCOUVER ISLAND REGION. ML 3.4 (PGC).
	02	09	21	08.3*	32.954	N	103.837	E	10	G	3.8	1.0	11	SICHUAN, CHINA
	02	09	33	29.2	41.403	N	112.786	W	10	G		0.4	8	UTAH. ML 3.0 (GS).
	02	09	41	24.0&	39.100	N	99.500	W	5	G			8	KANSAS. <MACRO>. mbLg 2.7 (GS). Felt in the area along the Saline River north of Hays.
	02	10	02	53.0%	37.289	S	177.215	E	33	N		1.3	6	OFF E. COAST OF N. ISLAND, N.Z. ML 3.8 (WEL).
a	02	10	08	44.2	24.993	S	179.951	E	498	D	5.1	1.1	95	SOUTH OF FIJI ISLANDS
	02	10	30	02.3*	33.014	S	72.098	W	10	G		0.7	11	OFF COAST OF CENTRAL CHILE. MD 4.0 (SAN).
	02	11	26	08.0*	42.772	N	19.171	E	10	G		0.4	5	NORTHWESTERN BALKAN REGION. ML 1.6 (TTG).
	02	11	38	04.5%	41.117	N	28.458	E	10	G		0.7	5	TURKEY
	02	11	47	58.8*	5.456	S	147.099	E	209		4.8	0.7	11	EASTERN NEW GUINEA REG., P.N.G.
	02	12	38	38.3*	45.496	N	16.013	E	10	G		0.5	7	NORTHWESTERN BALKAN REGION. ML 2.7 (VIE), 2.6 (ZAG). MD 3.0 (LJU).
	02	13	09	24.1%	41.117	N	28.470	E	10	G		0.7	5	TURKEY
	02	13	12	31.6	37.530	N	141.020	E	72	D	4.6	1.6	41	NEAR EAST COAST OF HONSHU, JAPAN
	02	13	27	56.4%	45.277	N	25.099	E	10	G		1.1	7	ROMANIA
	02	13	54	27.9	1.686	N	127.629	E	117	D	5.2	1.1	94	HALMAHERA, INDONESIA
	02	14	48	13.9?	18.55	N	66.59	W	10	G		0.9	6	PUERTO RICO REGION
	02	15	39	51.0*	33.692	S	71.999	W	10	G		0.8	11	NEAR COAST OF CENTRAL CHILE
	02	15	47	27.2*	60.563	N	4.847	E	10	G		0.3	5	SOUTHERN NORWAY. MD 1.1 (BER).
	02	16	43	31.9*	60.822	N	3.090	E	10	G		0.8	9	NORTH SEA. MD 2.5 (BER).
	02	18	07	36.3*	25.759	S	70.024	W	33	N		0.7	5	NEAR COAST OF NORTHERN CHILE. MD 3.7 (SAN).
	02	18	23	36.3%	37.282	S	177.173	E	10	G		0.7	6	OFF E. COAST OF N. ISLAND, N.Z. ML 3.8 (WEL).
	02	18	56	10.5	21.777	N	142.978	E	313		4.3	0.8	42	MARIANA ISLANDS REGION
	02	20	15	36.5%	40.644	N	22.822	E	10	G		0.0	5	GREECE. MD 1.8 (THE).
o	02	21	03	03.6	7.173	N	34.047	W	10	G	5.1 5.0	1.0	134	CENTRAL MID-ATLANTIC RIDGE
	02	22	28	46.9	44.390	N	7.382	E	10	G		0.7	11	NORTHERN ITALY. ML 2.0 (GEN).
	02	23	27	12.9%	42.749	N	12.635	E	10	G		0.9	5	CENTRAL ITALY
	02	23	44	50.3*	41.336	N	19.952	E	10	G		0.6	5	ALBANIA. ML 2.5 (TIR).
	03	00	55	05.8%	44.496	N	7.330	E	10	G		0.1	5	NORTHERN ITALY. ML 1.8 (GEN).
	03	00	56	03.6&	61.536	N	146.762	W	30				49	SOUTHERN ALASKA. <AEIC>. ML 2.7 (AEIC), 3.0 (PMR).
	03	00	58	17.7%	42.749	N	12.611	E	10	G		0.7	8	CENTRAL ITALY
	03	01	21	12.2	41.132	N	21.039	E	10	G		1.2	16	NORTHWESTERN BALKAN REGION. ML 2.8 (SKO). MD 2.7 (THE). Felt (IV) in the Resen area, Yugoslavia.
	03	03	06	03.9&	35.828	N	89.479	W	13				38	TENNESSEE. <TEIC>. mbLg 3.5 (GS), 3.2 (TUL). Felt (IV) at Gates and Ripley. Felt (II) at Burlison. Felt in Dyer and Lauderdale Counties.
	03	03	08	03.6&	35.404	N	118.480	W	5				8	CENTRAL CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
f	03	03	19	51.4	5.696	S	151.164	E	27	G	5.8 6.5	0.9	434	NEW BRITAIN REGION, P.N.G. Ms 6.9 (BRK). ML 6.6 (RAB), 6.2 (PMG). Mo=1.0*10**19 Nm (PPT). Felt (IV) at Rabaul. Two events about 2 secands apart. Depth from broadband displacement seismograms, based an first event.
	03	03	48	09.8	44.605	N	7.252	E	10	G		0.7	14	NORTHERN ITALY. ML 2.1 (GEN).
	03	05	20	35.1	44.556	N	7.080	E	10	G		0.5	27	NORTHERN ITALY. ML 2.7 (GEN).
	03	06	07	38.8	28.929	S	69.612	W	110	D	5.5	1.0	169	CHILE-ARGENTINA BORDER REGION. MD 5.2 (SAN). Felt (IV) at Capiapo, Vallenar, Alta del Carmen and Freirina, Chile.
	03	07	13	28.9?	31.73	S	178.82	W	491	?	4.3	1.2	31	KERMADEC ISLANDS REGION
	03	08	18	50.6?	44.81	N	6.81	E	10	G		0.7	4	FRANCE. ML 1.5 (GEN).
	03	08	32	41.4*	50.323	N	18.900	E	10	G		0.3	5	POLAND. ML 3.5 (WAR).
	03	08	57	33.2%	40.674	N	22.956	E	10	G		0.9	8	GREECE. MD 1.4 (THE).
	03	10	51	32.1*	51.591	N	7.112	E	10	G		1.5	6	GERMANY
	03	11	01	27.0	5.693	S	146.505	E	77		4.6	1.0	41	EASTERN NEW GUINEA REG., P.N.G.
	03	12	15	27.9&	61.704	N	154.103	W	3				39	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	03	12	29	42.5?	42.48	N	23.95	E	10	G		0.9	6	BULGARIA. MD 2.7 (THE).
	03	13	10	24.7%	40.755	N	23.490	E	10	G		0.6	5	GREECE. MD 1.9 (THE).
	03	13	13	14.5	57.940	N	6.306	E	10	G		0.5	7	NORTH SEA. MD 2.5 (BER).
	03	13	47	27.3	60.347	N	5.251	E	10	G		0.5	7	SOUTHERN NORWAY. MD 1.4 (BER).
	03	13	57	34.1	26.150	N	128.656	E	28	D	4.7	0.9	43	RYUKYU ISLANDS
	03	14	14	25.4	41.814	N	19.472	E	10	G		1.0	14	ALBANIA. ML 2.3 (TTG), 2.2 (TIR).
	03	14	28	03.3?	40.94	N	24.31	E	10	G		1.1	4	AEGEAN SEA
	03	14	38	12.0%	37.320	S	177.071	E	10	G		0.7	7	OFF E. COAST OF N. ISLAND, N.Z. ML 3.8 (WEL).
	03	14	41	16.9*	0.485	N	26.089	W	10	G	4.8	1.2	30	CENTRAL MID-ATLANTIC RIDGE
	03	14	43	10.2*	60.525	N	4.743	E	10	G		0.5	6	SOUTHERN NORWAY. MD 1.8 (BER).
	03	14	50	48.3	41.021	N	21.003	E	5	G		0.9	24	NORTHWESTERN BALKAN REGION. ML 3.0 (TTG), 2.8 (SKO),

														2.7 (TIR). Felt (IV) in the Resen area, Yugoslavia.
	03	15	53	23.6	37.506	S	177.037	E	10	G	3.3		0.9	10	OFF E. COAST OF N. ISLAND, N.Z. ML 3.9 (WEL).
	03	15	57	41.9•	15.893	S	166.422	E	33	N	4.9		1.1	20	VANUATU ISLANDS
	03	16	00	18.8?	36.44	N	7.32	W	10	G			0.8	11	STRAIT OF GIBRALTAR. mbLg 3.4 (MDD).
	03	16	06	52.1	37.453	S	177.024	E	10	G			0.9	10	OFF E. COAST OF N. ISLAND, N.Z. ML 3.9 (WEL).
	03	16	10	43.3•	23.91B	N	123.747	E	28	D	4.5	4.4	1.2	27	SOUTHWESTERN RYUKYU ISLANDS
	03	16	16	11.0&	32.975	N	117.799	W	6	G				14	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 2.8 (PAS).
	03	16	23	18.4•	15.150	N	60.548	W	33	N			1.2	11	LEEWARD ISLANDS. ML 2.9 (FDF). MD 2.8 (TRN).
	03	17	18	13.3	41.175	N	21.072	E	10	G			1.5	9	NORTHWESTERN BALKAN REGION. ML 2.2 (SKO). MD 2.4 (THE). Felt (III) in the Resen area, Yugoslavia.
	03	17	32	01.6%	44.537	N	7.011	E	10	G			0.1	7	NORTHERN ITALY. ML 1.7 (GEN).
	03	17	37	07.2%	40.456	N	23.484	E	10	G			0.4	7	GREECE. MD 2.1 (THE).
	03	18	09	33.9	19.553	N	93.004	E	33	N	4.3		1.0	20	MYANMAR
	03	18	20	40.1	17.480	N	61.899	W	33	N			0.4	8	LEEWARD ISLANDS. MD 2.5 (TRN).
	03	18	31	12.3%	39.426	N	27.838	E	10	G			0.3	8	TURKEY
	03	18	40	33.6	37.513	S	177.023	E	10	G	3.4		1.0	9	OFF E. COAST OF N. ISLAND, N.Z. ML 4.1 (WEL).
	03	19	47	05.8&	57.252	N	155.549	W	71					32	ALASKA PENINSULA. <AEIC>.
	03	19	50	08.2•	17.215	N	119.372	E	10	G	3.1		0.8	6	PHILIPPINE ISLANDS REGION
	03	19	57	10.8	43.405	N	4.453	E	10	G			1.1	27	NEAR SOUTH COAST OF FRANCE. ML 2.8 (STR).
	03	21	07	22.2%	39.016	N	26.183	E	10	G			0.3	7	TURKEY
	03	21	23	54.1	44.437	N	11.936	E	21		3.8		1.2	123	NORTHERN ITALY. ML 4.3 (VIE), 4.1 (ZAG), 3.5 (ROM). MD 3.9 (FIR), 3.7 (TRI).
	03	21	38	41.6&	59.049	N	152.617	W	69					44	SOUTHERN ALASKA. <AEIC>. ML 2.7 (AEIC).
	03	21	46	15.9?	8.73	S	160.62	E	67	•	4.3		0.5	8	SOLOMON ISLANDS
	03	22	04	00.8	39.305	N	28.140	E	10	G			1.0	12	TURKEY
	03	22	20	03.0?	39.87	N	23.94	E	10	G			0.7	5	AEGEAN SEA
	03	22	56	22.7%	37.457	N	14.585	E	10	G			1.2	6	SICILY
	03	23	03	03.8	26.067	N	98.570	E	10	G	4.0		1.2	16	MYANMAR-CHINA BORDER REGION. ML 4.1 (BJI).
	03	23	05	16.5	40.695	N	23.398	E	10	G			0.5	9	GREECE. MD 2.1 (THE).
	03	23	45	16.2	38.607	N	26.644	E	12		3.3		1.0	42	AEGEAN SEA. ML 4.1 (ATH).
	04	00	01	41.6?	38.58	N	26.66	E	10	G			0.5	5	AEGEAN SEA
a	04	01	11	12.3	17.949	S	178.365	W	574	D	5.6		0.9	328	FIJI ISLANDS REGION
	04	01	30	09.6	43.832	N	111.078	W	5	G			0.7	49	EASTERN IDAHO. ML 4.0 (GS), 4.0 (SLC). Felt (IV) at Tetonia and (III) at St. Anthony. Felt (III) at Moose and Wilson, Wyoming. Felt at Ashton, Driggs, Rexburg and Victor, Idaho. Also felt at Alta and Jackson, Wyoming.
	04	01	35	01.1?	33.81	S	179.71	E	253	?			0.7	19	SOUTH OF KERMADEC ISLANDS
	04	02	07	55.8•	29.628	S	66.952	W	30	•			0.9	8	LA RIOJA PROVINCE, ARGENTINA
	04	02	15	54.3&	60.021	N	149.235	W	9		3.1			68	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.1 (AEIC), 3.3 (PMR).
	04	02	24	13.4•	38.734	N	20.338	E	10	G			1.2	14	GREECE. MD 2.6 (THE).
	04	04	11	20.9•	26.506	N	126.049	E	166	•	4.4		1.0	27	RYUKYU ISLANDS
	04	04	43	33.7•	5.209	S	151.763	E	153	•			0.8	8	NEW BRITAIN REGION, P.N.G.
	04	06	19	06.1•	29.016	S	67.341	W	33	N			0.2	5	LA RIOJA PROVINCE, ARGENTINA
	04	06	39	02.5•	53.946	N	161.895	E	33	N	4.6		1.0	26	OFF EAST COAST OF KAMCHATKA
	04	07	05	13.2	40.746	N	29.243	E	10	G			0.7	6	TURKEY
	04	07	05	31.6	40.768	N	29.166	E	10	G			0.9	9	TURKEY. MG 3.1 (DDA).
	04	09	48	59.1	32.098	N	140.963	E	65	D	5.1		1.0	129	SOUTH OF HONSHU, JAPAN
	04	10	28	51.1&	61.064	N	151.553	W	71		3.5			82	SOUTHERN ALASKA. <AEIC>.
	04	11	13	23.6	41.643	N	22.318	E	10	G			0.7	15	NORTHWESTERN BALKAN REGION. ML 2.3 (SKO). MD 2.3 (THE).
	04	11	38	17.2?	7.23	S	129.72	E	129	?	3.9		1.0	11	BANDA SEA
	04	11	41	39.5	42.761	N	19.173	E	10	G			0.4	7	NORTHWESTERN BALKAN REGION. ML 1.4 (TTG).
	04	12	00	47.2?	62.56	N	160.20	W	10	G	2.8		0.2	4	CENTRAL ALASKA. ML 3.1 (PMR).
	04	12	40	02.4?	11.69	N	46.06	E	10	G	4.6		1.3	9	WESTERN GULF OF ADEN
	04	12	50	09.8	39.503	N	26.047	E	14				0.8	25	TURKEY. MD 3.2 (THE).
	04	13	55	46.3	16.739	N	61.230	W	33	N			0.4	10	LEEWARD ISLANDS. ML 2.9 (FDF). MD 2.6 (TRN).
	04	14	45	57.2%	38.490	S	175.762	E	204	•			0.5	28	NORTH ISLAND, NEW ZEALAND
	04	16	14	06.6?	38.90	N	23.45	E	10	G			0.4	5	GREECE
	04	16	23	17.4	53.952	N	161.819	E	31	D	5.0	4.3	1.0	142	OFF EAST COAST OF KAMCHATKA
	04	16	45	52.9%	40.673	N	23.288	E	10	G			0.5	7	GREECE. MD 1.8 (THE).
	04	16	51	30.8	40.773	N	29.217	E	10	G			0.5	10	TURKEY
	04	16	59	33.2•	31.356	S	69.428	W	164	?			0.7	10	SAN JUAN PROVINCE, ARGENTINA
	04	17	05	23.3?	29.74	S	69.66	W	33	N			0.3	5	CHILE-ARGENTINA BORDER REGION
	04	17	17	15.4%	38.782	S	175.823	E	177				0.6	36	NORTH ISLAND, NEW ZEALAND
	04	17	43	20.7•	28.147	N	87.979	E	33	N	4.9	4.6	1.1	77	XIJANG. Felt at Gangtok, India.
	04	17	45	42.8•	30.862	S	66.789	W	33	N			1.5	5	LA RIOJA PROVINCE, ARGENTINA
	04	18	37	57.5	37.831	N	72.279	E	33	N	4.2		0.9	16	TAJIKISTAN
a	04	18	46	09.1	2.023	S	128.379	E	41	D	5.1	4.5	1.2	63	CERAM SEA
	04	19	59	56.2	43.000	N	1.980	W	10	G			1.2	16	PYRENEES. mbLg 3.0 (MDD).
	04	20	08	08.0%	39.589	N	23.466	E	10	G			1.1	7	AEGEAN SEA
	04	20	24	00.2•	4.784	S	131.349	E	75	?	4.4		1.2	15	BANDA SEA
	04	20	43	28.7&	34.430	N	119.125	W	7					16	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.5 (PAS).
a	04	21	51	19.1	10.951	S	166.051	E	45	D	5.4	5.2	1.1	156	SANTA CRUZ ISLANDS. Mo=5.0•10••17 Nm (PPT).
	04	22	29	40.7	45.156	N	125.686	W	10	G	4.2		0.8	89	OFF COAST OF OREGON
	04	22	40	45.2&	59.314	N	154.314	W	143		3.3			48	SOUTHERN ALASKA. <AEIC>.
	04	22	55	40.2•	37.030	N	29.468	E	10	G			1.0	5	TURKEY
	05	00	02	05.4	38.961	N	29.295	E	10	G			0.9	7	TURKEY
	05	00	48	02.4•	40.854	N	27.903	E	26	•	4.0		1.4	8	TURKEY
	05	01	25	35.9	40.804	N	29.240	E	10	G			0.7	7	TURKEY
	05	01	59	49.4•	31.053	S	69.194	W	149	?			1.0	9	SAN JUAN PROVINCE, ARGENTINA
	05	02	36	01.8%	40.752	N	27.510	E	10	G			0.9	8	TURKEY
	05	02	41	25.0•	31.078	S	68.894	W	137	?			1.0	9	SAN JUAN PROVINCE, ARGENTINA
	05	03	28	33.3?	31.42	S	69.84	W	166	?			0.6	9	SAN JUAN PROVINCE, ARGENTINA
	05	03	38	52.5	36.051	N	29.052	E	33	N			1.0	14	TURKEY. MD 4.1 (ATH), 4.0 (HLW).
	05	05	57	31.9	39.361	N	28.689	E	10	G			0.5	16	TURKEY
	05	06	29	13.2?	1.04	S	100.13	E	126	?	4.0		0.6	11	SOUTHERN SUMATERA, INDONESIA
	05	07	19	32.3	40.657	N	20.369	E	10	G			1.2	13	GREECE-ALBANIA BORDER REGION
	05	07	32	51.8•	4.576	N	126.343	E	122	•	4.7		1.2	29	TALAUD ISLANDS, INDONESIA
	05	07	44	00.1	4.507	N	126.477	E	74	D	4.9		1.3	61	TALAUD ISLANDS, INDONESIA
a	05	07	47	47.6	35.696	N	80.661	E	18	D	5.5	5.4	1.1	249	KASHMIR-XIJANG BORDER REGION
	05	10	21	17.7?	3.90	S	133.21	E	33	N	4.1		0.7	7	IRIAN JAYA REGION, INDONESIA

	05	10	51	07.7&	62.217	N	149.700	W	51				57	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC), 3.2 (PMR).
	05	11	05	16.9&	60.520	N	152.782	W	7		2.5		50	SOUTHERN ALASKA. <AEIC>. ML 2.8 (AEIC).
	05	11	09	23.1	35.665	N	80.599	E	33	N	4.0	1.3	16	KASHMIR-XIJANG BORDER REGION
	05	11	15	45.7	39.819	N	22.190	E	10	G		1.1	10	GREECE. MD 2.2 (THE).
	05	11	28	58.3&	63.253	N	150.459	W	125		3.2		72	CENTRAL ALASKA. <AEIC>.
o	05	11	46	35.0	11.938	S	166.324	E	49	D	5.6 6.0	1.2	166	SANTA CRUZ ISLANDS. Ms 6.4 (BRK). Mo=3.2*10**18 Nm (PPT).
	05	13	04	10.7?	32.55	S	71.61	W	10	G		0.9	5	NEAR COAST OF CENTRAL CHILE
o	05	13	25	04.1	48.287	N	155.771	E	62	D	5.4	0.9	284	KURIL ISLANDS
	05	13	33	18.3?	39.47	N	25.95	E	10	G		0.5	6	AEGEAN SEA
	05	13	51	58.1?	38.98	N	25.56	E	30	*		0.4	6	AEGEAN SEA
o	05	14	13	40.2	11.270	N	86.366	W	32	D	5.3 5.7	1.4	154	NEAR COAST OF NICARAGUA. Ms 5.2 (BRK). Felt at Managua.
	05	14	28	36.9%	40.655	N	23.479	E	10	G		0.4	6	GREECE. MD 2.8 (THE).
	05	15	13	53.5?	12.26	N	86.87	W	33	N		1.1	13	NICARAGUA
	05	15	22	21.9%	38.404	S	176.848	E	107	*		1.1	27	NORTH ISLAND, NEW ZEALAND
	05	15	49	17.6%	37.316	S	176.393	E	379	*		0.5	38	NORTH ISLAND, NEW ZEALAND
	05	16	52	32.8%	40.709	N	22.810	E	10	G		0.5	7	GREECE. MD 1.4 (THE).
	05	18	23	20.2*	16.092	N	146.718	E	51	?	3.9	0.8	13	MARIANA ISLANDS
	05	18	57	42.1&	32.952	N	118.812	W	6	G			12	OFF COAST OF CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	05	20	19	16.9%	39.333	N	27.869	E	10	G		0.4	6	TURKEY
	05	20	56	18.5%	46.631	N	9.617	E	10	G		0.6	5	SWITZERLAND
	05	21	16	35.7	30.479	N	9.919	W	10	G	3.7	1.5	45	MOROCCO. mbLg 3.7 (MDD). Felt (VI) at Anza and (V) at Agadir.
	05	22	18	20.5%	39.376	N	28.643	E	10	G		0.7	9	TURKEY
	05	22	50	16.7%	43.313	N	12.499	E	10	G		1.8	5	CENTRAL ITALY
	06	01	19	03.6	37.462	N	134.415	E	393		4.6	0.7	47	SEA OF JAPAN
	06	02	40	53.0&	38.452	N	118.415	W	3				15	CALIFORNIA-NEVADA BORDER REGION. <BRK>. ML 3.0 (BRK).
	06	02	41	10.3*	23.102	S	66.365	W	252	*		1.1	9	JUJUY PROVINCE, ARGENTINA
	06	02	55	17.3	38.726	N	21.050	E	10	G		1.0	20	GREECE. ML 3.4 (ATH), 3.4 (TIR). MD 3.2 (THE).
	06	03	01	15.1?	38.93	N	29.10	E	10	G		0.5	6	TURKEY
	06	03	35	06.3	43.595	N	146.337	E	77	*	4.8	0.8	94	KURIL ISLANDS
	06	03	50	21.3%	47.200	N	5.385	E	10	G		1.0	14	FRANCE
	06	04	01	29.0&	39.670	N	119.820	W	10				41	NEVADA. <REN>. ML 4.1 (GS), 4.4 (BRK). Mo=2.6*10**15 Nm (BRK). Felt (V) at Reno and Sparks; (IV) at Verdi; (III) at Carson City, Crystal Bay and Virginia City. Also felt (III) at Bloirsden, Loyolton and Portola, California.
	06	04	07	50.6*	40.771	N	30.409	E	10	G		0.8	6	TURKEY. MG 2.5 (DDA).
	06	04	12	46.1	42.439	N	25.835	E	10	G		0.9	17	BULGARIA
	06	05	08	25.4?	31.39	S	68.61	W	109	?		0.5	6	SAN JUAN PROVINCE, ARGENTINA
	06	05	36	56.9%	40.178	S	173.444	E	212			0.5	38	COOK STRAIT, NEW ZEALAND
	06	07	26	51.7%	33.889	S	71.409	W	33	N		0.3	9	NEAR COAST OF CENTRAL CHILE. MD 3.4 (SAN).
a	06	07	55	22.6*	13.310	N	44.892	W	10	G	5.0 3.4	0.9	21	NORTHERN MID-ATLANTIC RIDGE
	06	08	09	33.9?	50.35	N	18.86	E	10	G		0.3	4	POLAND. ML 3.1 (WAR).
	06	08	37	40.2*	3.862	S	121.157	E	33	N	4.7 4.2	1.1	23	SULAWESI, INDONESIA
	06	10	02	06.3?	38.99	N	25.87	E	10	G		0.2	6	AEGEAN SEA
	06	10	26	12.8*	18.355	N	95.596	W	28	*	3.6	1.3	11	VERACRUZ, MEXICO. Felt between Cotemaco and Lerdo de Tejada.
	06	10	32	20.9?	11.35	N	60.05	W	80	G		0.1	5	WINDWARD ISLANDS. MD 2.8 (TRN).
	06	11	54	56.4%	44.281	N	7.986	E	10	G		0.1	7	NORTHERN ITALY. ML 2.1 (GEN).
	06	12	16	46.8	38.582	N	23.545	E	10	G		0.2	6	GREECE. ML 3.2 (ATH). MD 2.5 (THE).
	06	12	23	00.3%	44.398	N	7.923	E	10	G		0.9	6	NORTHERN ITALY. ML 1.7 (GEN).
	06	12	59	09.2?	58.07	N	6.97	E	10	G		0.7	7	SOUTHERN NORWAY. MD 2.4 (BER).
	06	13	08	34.0	37.835	N	14.615	E	22		4.7	1.3	103	SICILY
	06	13	09	37.5%	38.004	N	14.586	E	10	G		1.2	8	SICILY
	06	13	31	26.7%	37.941	N	14.448	E	10	G		0.6	6	SICILY
	06	13	54	02.6&	50.768	N	130.315	W	10	G			9	VANCOUVER ISLAND REGION. <PGC-P>. ML 3.1 (PGC).
f	06	13	54	40.2	50.724	N	130.092	W	20	G	6.0 6.8	1.0	322	VANCOUVER ISLAND REGION. Mo=3.2*10**19 Nm (PPT). Felt at Port Hardy and Port McNeill, British Columbia. Depth from broadband displacement seismograms.
	06	13	57	50.5*	6.203	S	129.971	E	79	?	4.3	0.8	7	BANDA SEA
	06	13	57	51.0	50.724	N	129.954	W	10	G	5.2	1.4	39	VANCOUVER ISLAND REGION
	06	14	12	52.9&	33.225	N	116.084	W	9				2	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
	06	14	24	28.3&	50.499	N	129.982	W	10	G			10	VANCOUVER ISLAND REGION. <PGC-P>. ML 4.0 (PGC).
	06	14	25	16.3%	38.011	N	14.492	E	10	G		0.9	9	SICILY
	06	14	46	43.2	1.851	S	97.741	E	32	D	5.7 5.7	0.9	286	SOUTHWEST OF SUMATERA, INDONESIA
	06	14	49	13.4%	38.979	N	27.730	E	10	G		0.6	5	TURKEY
	06	14	53	22.4*	58.036	N	32.163	W	10	G	4.8	0.9	16	NORTH ATLANTIC OCEAN
	06	15	07	16.0	51.030	N	130.346	W	10	G	3.8	0.7	52	QUEEN CHARLOTTE ISLANDS REGION
o	06	15	16	08.7	50.593	N	129.918	W	10	G	5.5 6.0	1.1	187	VANCOUVER ISLAND REGION
	06	15	26	10.3%	45.304	N	6.630	E	10	G		0.3	6	FRANCE. ML 2.0 (GEN).
	06	15	33	18.4	58.420	N	31.942	W	10	G	4.9 4.6	1.1	86	NORTH ATLANTIC OCEAN
	06	15	48	50.9?	2.02	S	99.74	E	74	?	4.6	1.0	18	SOUTHERN SUMATERA, INDONESIA
	06	15	48	59.7	50.679	N	129.888	W	10	G	4.2	1.1	23	VANCOUVER ISLAND REGION
	06	16	04	15.8%	40.088	N	28.949	E	10	G		0.6	7	TURKEY
	06	16	09	59.0%	33.839	S	71.362	W	33	N		0.3	7	NEAR COAST OF CENTRAL CHILE
	06	16	13	26.8	50.659	N	130.054	W	10	G	4.1	0.7	57	VANCOUVER ISLAND REGION. ML 3.9 (PGC).
	06	16	15	32.1	58.420	N	32.022	W	10	G	5.2 5.1	1.0	196	NORTH ATLANTIC OCEAN
	06	16	19	41.5	58.658	N	31.685	W	10	G	4.7	0.8	30	NORTH ATLANTIC OCEAN
	06	17	52	47.4%	37.823	N	14.532	E	10	G		0.2	5	SICILY
	06	17	55	35.7?	20.68	S	178.49	W	600	G	4.3	1.3	20	FIJI ISLANDS REGION
	06	18	26	02.4&	35.433	N	120.952	W	8				7	CENTRAL CALIFORNIA. <BRK>. ML 3.1 (BRK).
	06	18	40	42.3	3.738	S	128.811	E	33	N	5.1	1.2	47	SERAM, INDONESIA
	06	19	15	16.0	38.965	N	29.212	E	10	G		1.0	48	TURKEY. MD 4.3 (THE). Felt in the Usak-Gediz-Simav area.
	06	19	19	39.7*	58.218	N	32.405	W	10	G	4.5	1.1	38	NORTH ATLANTIC OCEAN
	06	19	40	15.9&	40.387	N	125.317	W	3				10	OFF COAST OF NORTHERN CALIFORNIA. <BRK>. ML 3.4 (BRK).
	06	19	49	11.3	44.427	N	101.792	E	33	N	4.7	0.9	24	MONGOLIA. ML 4.4 (BJI).
	06	19	50	33.8&	50.779	N	130.388	W	10	G			6	VANCOUVER ISLAND REGION. <PGC-P>. ML 3.4 (PGC).
	06	20	42	22.8&	60.251	N	152.635	W	111				73	SOUTHERN ALASKA. <AEIC>.
	06	21	07	53.1&	60.202	N	139.653	W	8				14	SOUTHEASTERN ALASKA. <AEIC>. ML 2.6 (AEIC), 2.3 (PGC).
	06	21	39	07.7*	32.968	N	117.748	W	10	G		0.6	16	CALIF.-BAJA CALIF. BORDER REGION. ML 2.5 (GS).
	06	22	04	37.5?	28.40	S	66.86	W	33	N		0.4	5	CATAMARCA PROVINCE, ARGENTINA

	06	22 05 44.2%	37.797	N	14.467	E	10	G			0.5	5	SICILY
	06	22 19 25.9%	37.870	N	14.534	E	10	G			1.4	11	SICILY. MD 2.6 (ROM).
	06	22 41 13.7•	31.578	S	69.591	W	143	?			0.6	15	SAN JUAN PROVINCE, ARGENTINA. MD 3.8 (SAN).
	06	23 50 40.1?	11.66	S	117.14	E	33	N	3.7		1.1	5	SOUTH OF SUMBAWA, INDONESIA
	06	23 50 54.3?	46.53	S	33.87	E	10	G	4.8		1.1	8	PRINCE EDWARD ISLANDS REGION
	07	00 35 30.4	51.215	N	130.298	W	10	G	4.2		0.9	53	QUEEN CHARLOTTE ISLANDS REGION. ML 4.3 (PGC).
	07	00 39 09.1	35.447	N	113.226	W	5	G			0.7	11	WESTERN ARIZONA. ML 3.4 (GS). Felt (III) in the area 12 miles east of Peach Springs.
o	07	00 42 17.3	51.152	N	130.337	W	10	G	4.9	5.0	1.0	94	QUEEN CHARLOTTE ISLANDS REGION
	07	00 54 47.9•	14.903	N	120.119	E	27	•	4.3		1.4	9	LUZON, PHILIPPINE ISLANDS. Felt (III RF) at Olongapo, Cubi Point and Cabanatuan. Also felt at Clark AFB.
	07	01 05 06.5	42.563	N	143.668	E	70	D	4.7		1.1	73	HOKKAIDO, JAPAN REGION
	07	01 24 06.7	36.688	N	26.345	E	27		4.5		1.3	45	DODECANESE ISLANDS. ML 4.3 (ATH).
	07	01 29 24.6	42.415	N	20.967	E	10	G			1.3	30	NORTHWESTERN BALKAN REGION. ML 3.4 (SKO), 3.0 (TTG), 2.7 (TIR).
	07	01 36 45.9•	58.130	N	32.264	W	10	G	4.2	3.4	1.2	20	NORTH ATLANTIC OCEAN
	07	01 43 57.1&	38.773	N	111.815	W	1					11	UTAH. <SLC-P>. ML 3.3 (GS).
	07	02 24 50.4%	41.578	N	13.725	E	10	G			0.6	8	SOUTHERN ITALY
	07	02 38 14.1?	34.39	S	70.57	W	100	G			0.2	8	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
	07	03 04 05.7%	40.814	N	28.121	E	10	G			0.9	5	TURKEY
	07	03 14 40.7	43.052	N	12.895	E	10	G			1.3	28	CENTRAL ITALY. ML 2.5 (LJU). MD 3.1 (ROM).
	07	03 22 49.0	43.040	N	12.911	E	10	G			1.2	13	CENTRAL ITALY. ML 3.1 (VIE). MD 3.1 (LJU), 3.0 (FIR).
	07	03 34 37.9•	11.259	S	161.784	E	33	N	4.9		1.1	12	SOLOMON ISLANDS
o	07	03 37 02.9	4.172	S	131.005	E	53	D	5.9		1.1	173	BANDA SEA. Mo=2.0•10••18 Nm (PPT). Felt strongly on Lombok, Indonesia.
	07	03 38 12.9?	43.04	N	13.35	E	10	G			0.8	5	CENTRAL ITALY
	07	05 23 04.7•	37.089	N	73.012	E	33	N	4.3		1.4	12	TAJIKISTAN
	07	06 12 40.6	2.273	N	128.389	E	88	•	4.9		0.8	25	HALMAHERA, INDONESIA
	07	06 38 28.4	43.078	N	12.915	E	10	G			1.1	13	CENTRAL ITALY. ML 3.2 (VIE). MD 3.1 (TRI).
	07	06 42 34.8	39.781	N	143.827	E	13		4.4		0.8	16	OFF EAST COAST OF HONSHU, JAPAN
	07	06 58 25.8•	6.452	S	128.901	E	258	?	4.4		1.1	16	BANDA SEA
	07	08 07 53.0&	36.565	N	121.200	W	7					9	CENTRAL CALIFORNIA. <BRK>. ML 2.5 (BRK).
	07	09 12 36.7	51.142	N	130.358	W	10	G	3.7		0.8	39	QUEEN CHARLOTTE ISLANDS REGION. ML 3.6 (PGC).
	07	10 04 56.9	50.953	N	130.415	W	10	G	3.6		0.8	13	VANCOUVER ISLAND REGION. ML 3.4 (PGC).
	07	10 48 28.0	50.948	N	130.436	W	10	G	3.6		0.8	19	VANCOUVER ISLAND REGION. ML 3.9 (PGC).
	07	11 29 14.2%	40.857	N	28.220	E	10	G			0.6	9	TURKEY
	07	12 05 03.8?	18.33	N	67.20	W	10	G			0.2	6	MONA PASSAGE
	07	12 10 20.0&	30.100	N	96.500	W	0	G				4	CENTRAL TEXAS. <MACRO>. mbLg 2.3 (TUL). Gas pipeline explosion near Brenham, Texas.
	07	12 47 42.0%	18.321	N	66.704	W	10	G			0.6	6	PUERTO RICO REGION
	07	13 34 24.5%	38.774	N	29.143	E	10	G			1.0	5	TURKEY
	07	13 40 34.9?	32.84	S	70.47	W	100	G			0.3	7	CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).
	07	13 52 27.4•	31.977	S	178.318	W	43				0.4	12	KERMADEC ISLANDS REGION
	07	14 53 55.9	51.329	N	130.623	W	10	G	4.0		0.9	46	QUEEN CHARLOTTE ISLANDS REGION. ML 4.0 (PGC).
	07	16 55 45.2•	12.431	S	166.293	E	120	•	4.2		0.9	13	SANTA CRUZ ISLANDS
	07	17 12 54.4•	44.103	N	10.209	E	10	G			1.0	8	NORTHERN ITALY
	07	17 56 00.4%	35.450	N	3.817	W	10	G			0.9	7	STRAIT OF GIBRALTAR. mbLg 2.7 (MDD).
	07	17 56 45.1	50.493	N	129.968	W	10	G	3.9		1.2	23	VANCOUVER ISLAND REGION
	07	18 12 25.9	50.566	N	129.786	W	10	G	4.3		1.2	42	VANCOUVER ISLAND REGION
	07	19 10 34.4&	36.230	N	120.845	W	5					21	CENTRAL CALIFORNIA. <BRK>. ML 3.3 (BRK).
	07	20 43 03.1%	38.814	N	29.204	E	10	G			1.1	6	TURKEY
	07	20 43 22.8%	42.850	N	12.794	E	10	G			1.1	8	CENTRAL ITALY
	07	21 01 50.3%	42.849	N	12.626	E	5	G			0.9	11	CENTRAL ITALY
	07	21 18 23.1	44.390	N	7.330	E	10	G			0.3	12	NORTHERN ITALY. ML 2.0 (GEN).
	07	22 06 58.1•	11.766	S	166.554	E	33	N	4.3		1.1	9	SANTA CRUZ ISLANDS
	07	22 27 25.8&	63.909	N	149.056	W	0					43	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC), 2.7 (PMR). Coal mine blast.
a	07	22 47 29.4	16.867	S	168.129	E	16	D	5.3	5.9	1.2	172	VANUATU ISLANDS. Ms 6.0 (BRK). Mo=3.2•10••18 Nm (PPT).
	07	23 01 26.7%	38.811	N	29.125	E	10	G			1.3	6	TURKEY. Felt in the Simav area.
	07	23 07 55.0&	66.353	N	147.823	W	2					49	NORTHERN ALASKA. <AEIC>. ML 3.2 (AEIC), 3.7 (PMR).
	07	23 10 55.9?	8.77	S	120.14	E	187	?	4.7		0.9	8	FLORES REGION, INDONESIA
	08	01 01 49.8?	64.97	N	162.93	W	10	G			1.1	4	NORTHERN ALASKA. ML 3.5 (PMR).
	08	01 28 52.2	11.997	N	45.972	E	10	G	5.0	4.5	1.2	50	WESTERN GULF OF ADEN
	08	01 55 51.0•	11.826	N	45.950	E	10	G	4.8		1.2	12	WESTERN GULF OF ADEN
	08	02 13 53.0•	11.954	N	45.849	E	10	G	4.4		0.9	8	WESTERN GULF OF ADEN
	08	02 37 22.4%	42.497	N	12.750	E	10	G			0.3	7	CENTRAL ITALY
	08	02 49 20.7•	35.487	N	139.042	E	51	•	3.8		1.0	10	NEAR S. COAST OF HONSHU, JAPAN. Felt (IV) at Yokosuka.
a	08	03 01 27.5	16.906	S	168.264	E	18	D	5.5	5.6	1.1	207	VANUATU ISLANDS. Ms 5.5 (BRK). Mo=1.0•10••18 Nm (PPT).
	08	05 30 03.9	3.225	N	76.419	W	60		4.1		1.2	22	COLOMBIA
	08	05 56 16.7	6.509	S	124.317	E	597		4.9		0.8	33	BANDA SEA
	08	07 59 31.8•	35.611	N	31.051	E	10	G			1.1	6	CYPRUS REGION
	08	08 30 14.6	50.908	N	130.216	W	10	G	4.0		0.9	65	VANCOUVER ISLAND REGION. ML 4.1 (PGC).
	08	09 47 38.1•	24.404	N	123.599	E	10	G	4.1		1.2	8	SOUTHWESTERN RYUKYU ISLANDS
	08	11 56 57.6%	43.419	N	12.560	E	10	G			1.4	6	CENTRAL ITALY
	08	12 55 25.7	44.500	N	7.413	E	10	G			1.0	13	NORTHERN ITALY. ML 1.7 (GEN), 1.9 (LDG).
	08	13 11 29.4%	39.370	N	26.215	E	10	G			0.2	5	TURKEY
	08	13 30 14.6&	59.033	N	152.198	W	76					41	SOUTHERN ALASKA. <AEIC>.
o	08	13 36 56.4	16.784	S	168.310	E	14	D	5.3	5.8	1.2	221	VANUATU ISLANDS. Ms 5.6 (BRK). Mo=2.5•10••18 Nm (PPT).
	08	14 42 07.8	17.691	S	178.664	W	549		4.6		1.0	51	FIJI ISLANDS REGION
	08	14 59 32.1	38.331	S	175.753	E	209	•			0.4	25	NORTH ISLAND, NEW ZEALAND
	08	15 31 43.7•	60.355	N	5.078	E	10	G			0.8	6	SOUTHERN NORWAY. MD 1.3 (BER).
	08	15 49 43.2?	52.89	N	4.90	W	10	G			0.2	6	UNITED KINGDOM
	08	16 06 06.5&	62.893	N	149.649	W	81		2.6			67	CENTRAL ALASKA. <AEIC>.
	08	16 16 58.4&	55.794	N	152.781	W	5		3.7			50	SOUTH OF ALASKA. <AEIC>. ML 3.9 (AEIC), 3.7 (PMR).
	08	18 35 12.4	24.690	N	121.871	E	100		4.1		1.3	35	TAIWAN
	08	19 12 09.3%	40.025	N	29.535	E	10	G			0.6	6	TURKEY
	08	20 32 32.4?	39.88	N	68.68	E	33	N	3.8		1.0	10	TAJIKISTAN
	08	20 36 09.8%	42.358	N	19.037	E	10	G			0.3	9	NORTHWESTERN BALKAN REGION. ML 1.7 (TTG).
	08	21 29 03.4•	32.164	S	69.412	W	140	?			0.5	13	MENDOZA PROVINCE, ARGENTINA. MD 3.5 (SAN).
	08	22 12 13.1	40.642	N	27.557	E	10	G			0.4	12	TURKEY
	08	22 53 57.7&	59.453	N	136.636	W	10	G				3	SOUTHEASTERN ALASKA. <PGC-P>. ML 2.8 (PGC). Felt at Pleasant Camp, British Columbia, Canada.
	09	00 10 38.7?	34.24	S	71.66	W	33	N			0.5	6	NEAR COAST OF CENTRAL CHILE. MD 3.5 (SAN).

	09	00	32	32.4	40.719	N	21.233	E	16			0.4	13	GREECE. MD 3.3 (THE).
	09	02	13	06.4•	32.783	S	70.349	W	100	G		0.5	11	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	09	02	42	11.1	2.744	N	126.863	E	53	D	4.9	1.1	55	NORTHERN MOLUCCA SEA
	09	02	42	12.8?	36.90	S	176.42	E	304	?		0.3	13	OFF E. COAST OF N. ISLAND, N.Z.
	09	02	53	50.9	44.262	N	7.556	E	10	G		0.5	12	NORTHERN ITALY. ML 2.1 (GEN).
	09	04	01	03.7%	40.855	N	28.256	E	10	G		0.5	5	TURKEY
	09	05	02	58.6	31.888	S	176.697	W	10	G	4.9 4.7	1.1	41	KERMADEC ISLANDS REGION
	09	05	04	07.1•	35.247	N	2.408	W	10	G		0.8	6	STRAIT OF GIBRALTAR. mbLg 2.8 (MDD). Felt (III) on the Chafarinas Islands, Spain.
	09	05	05	55.2•	17.076	S	168.481	E	33	N	4.3 4.6	1.1	11	VANUATU ISLANDS
	09	05	22	36.4•	4.021	S	133.041	E	33	N	4.7	0.7	11	IRIAN JAYA REGION, INDONESIA
	09	05	42	46.7	40.662	N	23.112	E	10	G		0.7	15	GREECE. MD 3.0 (THE).
	09	05	51	02.6	40.693	N	23.182	E	10	G		1.1	38	GREECE. ML 3.7 (ATH), 3.3 (TTG), 3.3 (TIR). MD 3.6 (THE).
	09	06	00	25.5•	40.669	N	23.108	E	10	G		0.5	5	GREECE. MD 1.7 (THE).
	09	06	06	44.2•	40.663	N	23.122	E	10	G		0.6	5	GREECE. MD 1.5 (THE).
	09	06	11	14.9?	40.71	N	23.05	E	10	G		0.8	4	GREECE. MD 1.8 (THE).
	09	06	28	56.9%	40.692	N	23.103	E	10	G		0.4	8	GREECE. MD 2.3 (THE).
	09	06	30	12.6?	60.54	N	4.77	E	5	G		0.1	4	SOUTHERN NORWAY. MD 1.7 (BER).
a	09	06	41	11.1	17.712	S	174.432	W	136	D	5.5	1.0	239	TONGA ISLANDS. Mo=2.0•10••18 Nm (PPT).
	09	07	09	56.4%	43.091	N	12.610	E	10	G		0.6	5	CENTRAL ITALY
	09	07	16	45.8%	37.097	N	3.709	W	10	G		0.5	7	SPAIN. mbLg 2.8 (MDD).
	09	07	17	12.0	40.684	N	23.073	E	10	G		0.7	7	GREECE. MD 1.9 (THE).
	09	07	27	20.2?	51.64	N	7.52	E	10	G		0.3	4	GERMANY
	09	07	51	04.5%	39.046	N	27.535	E	10	G		0.5	5	TURKEY
	09	08	02	50.4	45.798	N	26.850	E	104			0.8	20	ROMANIA. MD 4.2 (THE).
	09	08	11	21.3&	34.230	N	117.004	W	9				15	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (GS).
	09	08	16	25.8•	53.033	N	159.813	E	33	N	5.0	1.2	19	NEAR EAST COAST OF KAMCHATKA
	09	08	57	23.2%	40.695	N	23.119	E	10	G		0.6	7	GREECE. MD 1.8 (THE).
	09	09	48	15.4%	43.110	N	0.629	W	10	G		0.3	6	PYRENEES. ML 1.0 (STR).
	09	10	21	59.7&	58.895	N	152.243	W	48		3.8		98	KODIAK ISLAND REGION. <AEIC>. ML 4.3 (AEIC), 4.3 (PMR).
	09	10	32	36.0•	36.435	N	70.633	E	200	?	4.4	0.5	12	HINDU KUSH REGION, AFGHANISTAN
	09	10	33	50.2•	17.038	S	168.188	E	33	N	4.2	1.2	9	VANUATU ISLANDS
	09	11	06	40.5	43.106	N	12.559	E	10	G		1.1	11	CENTRAL ITALY
	09	11	09	49.3%	40.705	N	23.083	E	10	G		0.9	6	GREECE. MD 1.6 (THE).
	09	11	46	24.0?	39.46	N	29.72	E	10	G		1.0	4	TURKEY
	09	12	44	51.1?	9.92	S	117.47	E	33	N	3.2	1.1	4	SUMBAWA REGION, INDONESIA
	09	13	01	12.6	40.867	N	21.431	E	10	G		1.0	18	GREECE. ML 2.6 (TIR). MD 2.8 (THE).
	09	13	10	07.3%	40.895	N	21.429	E	10	G		0.5	7	GREECE. MD 2.0 (THE).
	09	13	14	16.4&	58.948	N	154.540	W	121				34	ALASKA PENINSULA. <AEIC>.
	09	13	14	41.0&	61.602	N	146.432	W	37				28	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
	09	14	46	13.9?	41.38	N	24.30	E	10	G		0.8	4	GREECE-BULGARIA BORDER REGION. MD 2.3 (THE).
	09	15	14	01.1?	39.24	N	10.38	W	10	G		0.6	7	NORTH ATLANTIC OCEAN. mbLg 3.0 (MDD).
	09	16	30	33.0•	27.950	N	96.434	E	33	N	4.3	1.3	9	MYANMAR-INDIA BORDER REGION
	09	16	45	51.7	40.659	N	23.481	E	10	G		0.8	14	GREECE. MD 3.0 (THE).
	09	16	52	48.4	50.669	N	130.182	W	10	G	3.5	0.7	47	VANCOUVER ISLAND REGION. ML 3.2 (PGC).
	09	17	07	15.4•	4.289	S	142.753	E	100	•	4.9	0.9	21	NEW GUINEA, PAPUA NEW GUINEA
	09	17	32	48.9	44.361	N	11.496	E	10	G		0.4	6	NORTHERN ITALY
	09	17	44	49.2•	60.562	N	4.836	E	10	G		0.2	5	SOUTHERN NORWAY. MD 1.7 (BER).
	09	18	59	22.8%	40.670	N	23.490	E	10	G		0.5	8	GREECE. MD 2.2 (THE).
a	09	20	02	45.8	46.702	N	27.383	W	19	D	5.1 4.6	1.0	148	NORTHERN MID-ATLANTIC RIDGE
	09	20	22	10.4?	46.95	N	26.79	W	10	G	4.2 3.4	1.2	22	NORTHERN MID-ATLANTIC RIDGE
	09	20	40	19.2•	35.808	N	80.945	E	10	G	3.7	0.8	10	KASHMIR-XIJANG BORDER REGION
	09	20	53	39.3&	62.329	N	148.259	W	32				62	CENTRAL ALASKA. <AEIC>. ML 2.8 (AEIC), 2.9 (PMR).
a	09	21	14	31.9	52.478	N	160.322	E	45	D	5.4 5.1	1.0	306	OFF EAST COAST OF KAMCHATKA
	09	21	33	05.2•	50.515	N	18.794	E	10	G		0.2	5	POLAND. ML 2.8 (WAR).
	09	21	44	26.8•	50.328	N	18.902	E	10	G		1.0	5	POLAND. ML 3.0 (WAR).
	09	22	12	42.5?	44.77	N	128.32	W	10	G		0.4	29	OFF COAST OF OREGON
	09	22	43	41.2&	59.970	N	153.731	W	153				46	SOUTHERN ALASKA. <AEIC>.
	09	23	09	48.4?	10.32	N	63.43	W	33	N	4.2	1.0	11	NEAR COAST OF VENEZUELA
	09	23	18	47.2•	33.575	S	70.384	W	110	?		0.5	12	CHILE-ARGENTINA BORDER REGION. MD 4.0 (SAN).
	10	00	40	04.1•	23.781	N	121.770	E	10	G	4.0	1.4	17	TAIWAN. ML 3.9 (BJI).
	10	01	02	28.6	36.123	N	3.867	W	21		3.7	1.2	46	STRAIT OF GIBRALTAR. MD 4.0 (RBA). mbLg 3.9 (MDD). Felt (IV) on Alboran and (III) at Malaga, Spain.
	10	01	29	25.9%	36.109	N	3.949	W	10	G		0.7	12	STRAIT OF GIBRALTAR. mbLg 3.3 (MDD).
	10	02	00	05.4&	33.885	N	118.262	W	19				22	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.4 (GS).
	10	02	07	31.9&	60.084	N	152.363	W	72				46	SOUTHERN ALASKA. <AEIC>.
a	10	03	01	42.5	17.578	S	167.985	E	35	D	5.3 4.7	1.0	87	VANUATU ISLANDS
	10	03	06	32.3?	36.12	N	4.02	W	10	G		1.4	5	STRAIT OF GIBRALTAR. mbLg 2.8 (MDD).
	10	03	35	41.2	37.828	S	176.083	E	208	•		0.6	41	NORTH ISLAND, NEW ZEALAND
	10	04	59	18.4	40.472	N	29.195	E	10	G		0.6	13	TURKEY
	10	05	04	13.2?	16.37	N	120.52	E	10	G	3.7	1.4	4	LUZON, PHILIPPINE ISLANDS. Felt (II RF) at Baguio.
	10	05	24	12.8?	36.79	S	177.82	E	165	G		1.1	12	OFF E. COAST OF N. ISLAND, N.Z.
	10	05	51	51.8	45.384	N	7.101	E	10	G		0.4	9	NORTHERN ITALY. ML 2.3 (GEN).
	10	07	04	57.8	40.674	N	23.501	E	10	G		0.5	10	GREECE. MD 2.5 (THE).
	10	07	47	17.8•	1.395	N	66.811	E	10	G	4.7 4.6	1.3	16	CARLSBERG RIDGE
	10	07	53	03.1	40.666	N	23.491	E	10	G		0.6	10	GREECE. MD 2.6 (THE).
	10	08	45	00.2	29.209	N	52.606	E	10	G	4.6 3.9	1.2	74	SOUTHERN IRAN
	10	08	51	07.8%	39.108	N	27.623	E	10	G		0.1	5	TURKEY
o	10	09	33	07.3	33.943	S	71.950	W	32	D	4.7	1.2	55	NEAR COAST OF CENTRAL CHILE. Felt (V) at Valparaiso and Vina del Mar; (IV) at Santiago.
	10	09	47	08.0&	60.098	N	152.459	W	79				73	SOUTHERN ALASKA. <AEIC>.
	10	09	49	38.8	25.842	N	100.820	E	36	•	4.3	1.2	13	YUNNAN, CHINA
	10	10	20	12.3?	33.92	S	71.89	W	33	N		0.8	8	NEAR COAST OF CENTRAL CHILE. MD 3.4 (SAN).
	10	10	40	48.4	21.190	S	67.412	W	201	D	4.7	1.2	54	CHILE-BOLIVIA BORDER REGION
	10	11	19	12.6•	21.818	N	98.061	E	33	N	3.9	1.1	13	MYANMAR
o	10	11	40	21.7	11.474	S	165.842	E	30	D	5.0 4.7	1.1	51	SANTA CRUZ ISLANDS
	10	12	32	39.7?	28.31	S	68.38	W	33	N		0.2	6	LA RIOJA PROVINCE, ARGENTINA
	10	12	43	44.0%	40.662	N	23.488	E	10	G		0.2	6	GREECE
	10	14	01	34.9?	40.68	N	23.09	E	10	G		0.3	4	GREECE. MD 1.4 (THE).
	10	14	13	51.1?	40.55	N	23.51	E	5	G		0.7	5	GREECE
	10	14	31	29.6	35.626	N	139.553	E	93		4.7	1.1	64	NEAR S. COAST OF HONSHU, JAPAN. Felt (III) at Yokosuka. Also felt at Tokyo.

	10	15	11	30.9	39.918	N	21.796	E	10	G		0.7	7 GREECE. MD 2.6 (THE).
	10	15	26	33.6?	62.07	N	2.26	E	10	G		0.8	8 NORWEGIAN SEA. MD 2.6 (BER).
a	10	16	01	50.6	5.388	N	125.945	E	118		5.1	1.2	108 MINDANAO, PHILIPPINE ISLANDS
a	10	16	14	59.0	4.351	S	104.528	E	227	D	5.4	1.1	168 SOUTHERN SUMATERA, INDONESIA
	10	16	38	51.7	41.025	N	22.395	E	10	G		0.5	6 NORTHWESTERN BALKAN REGION. ML 1.7 (SKO).
	10	17	06	55.7?	5.43	S	147.46	E	186	?	4.2	1.0	5 EASTERN NEW GUINEA REG., P.N.G.
	10	18	26	43.4%	10.794	N	61.461	W	33	N		0.2	5 TRINIDAD. MD 2.3 (TRN).
	10	18	58	30.5	40.443	S	176.809	E	42	•	4.7	0.9	24 NORTH ISLAND, NEW ZEALAND
	10	19	09	28.7	50.793	N	130.140	W	10	G	3.6	0.7	71 VANCOUVER ISLAND REGION. ML 4.1 (PGC).
	10	19	28	55.0•	37.228	N	29.661	E	10	G		0.3	5 TURKEY
	10	20	13	22.9&	33.385	N	116.300	W	12				11 SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.5 (GS).
	10	21	19	44.8?	45.82	N	7.55	E	10	G		0.1	4 NORTHERN ITALY. ML 1.9 (GEN).
	10	21	29	37.5%	37.336	S	177.097	E	10	G		0.9	5 OFF E. COAST OF N. ISLAND, N.Z. ML 3.8 (WEL).
	10	21	56	12.8?	33.88	S	71.87	W	33	N		0.7	7 NEAR COAST OF CENTRAL CHILE. MD 3.4 (SAN).
	10	22	27	29.8	38.925	N	29.331	E	5	G		1.2	9 TURKEY
	10	22	33	49.4&	38.792	N	122.772	W	3				20 NORTHERN CALIFORNIA. <BRK>. ML 3.7 (BRK), 3.5 (GS).
	10	23	08	22.4&	57.842	N	139.028	W	10	G			6 OFF COAST OF SOUTHEASTERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	11	00	59	43.2•	53.224	N	35.051	W	10	G	4.3	1.3	33 NORTH ATLANTIC OCEAN
	11	01	18	29.4	43.383	N	5.428	E	10	G		1.1	17 NEAR SOUTH COAST OF FRANCE. ML 2.7 (STR).
	11	01	44	02.3•	39.062	N	27.488	E	10	G		1.2	6 TURKEY
	11	02	02	41.3?	36.54	S	178.76	E	169	•	4.0	1.4	20 OFF E. COAST OF N. ISLAND, N.Z.
	11	02	11	22.3?	33.91	S	71.89	W	33	N		0.8	8 NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	11	02	21	31.0	53.128	N	35.227	W	10	G	4.6 3.9	1.0	66 NORTH ATLANTIC OCEAN
	11	02	44	06.3&	62.925	N	149.949	W	86				48 CENTRAL ALASKA. <AEIC>.
	11	02	52	40.3&	59.704	N	151.581	W	46				37 KENAI PENINSULA, ALASKA. <AEIC>. ML 2.6 (AEIC).
	11	02	55	30.4•	24.585	N	121.891	E	10	G		0.6	6 TAIWAN
	11	02	58	29.1%	16.912	N	98.916	W	33	N		0.0	5 NEAR COAST OF GUERRERO, MEXICO
	11	03	55	16.0?	19.31	N	108.66	W	10	G	4.0	1.2	19 REVILLA GIGEDO ISLANDS REGION
	11	04	05	07.4	44.112	N	12.780	E	10	G		1.1	34 NORTHERN ITALY. ML 3.2 (LDG). MD 3.1 (TRI).
	11	04	06	12.5•	36.776	S	176.757	E	370	?		0.3	24 OFF E. COAST OF N. ISLAND, N.Z.
	11	05	11	26.8%	33.827	S	71.724	W	25			0.5	10 NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	11	05	30	52.8	42.105	S	172.898	E	101			0.7	31 SOUTH ISLAND, NEW ZEALAND
	11	05	56	55.1?	34.71	S	179.83	W	256		4.3	0.9	25 SOUTH OF KERMADEC ISLANDS
	11	06	12	11.9%	17.774	N	101.940	W	13			0.9	9 NEAR COAST OF GUERRERO, MEXICO. Felt along the coasts of Guerrero and Michoacan.
	11	06	27	57.5?	39.00	N	28.98	E	10	G		0.3	5 TURKEY
	11	06	56	51.6	44.483	N	6.715	E	10	G		0.8	27 FRANCE. ML 2.7 (LDG), 2.6 (GEN).
	11	06	58	07.7?	33.59	S	72.06	W	10	G		0.7	9 OFF COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	11	07	04	15.7	44.393	N	7.476	E	5	G		0.9	22 NORTHERN ITALY. ML 2.3 (GEN), 2.3 (LDG), 1.7 (STR).
	11	08	08	12.0&	57.849	N	139.108	W	10	G			6 OFF COAST OF SOUTHEASTERN ALASKA. <AEIC>. ML 3.3 (AEIC).
	11	08	50	01.7?	19.12	N	66.44	W	33	N		0.3	8 PUERTO RICO REGION
	11	09	11	21.2•	28.584	S	65.883	W	33	N		1.7	6 SANTIAGO DEL ESTERO PROV., ARG. Felt (IV) at San Fernando.
	11	09	13	18.8	40.732	N	35.793	E	10	G		0.5	6 TURKEY
	11	09	17	58.3&	64.461	N	147.829	W	15				57 CENTRAL ALASKA. <AEIC>. ML 3.0 (AEIC), 3.4 (PMR). Felt in the Badger Road area south of Fairbanks.
	11	09	52	12.8?	22.27	S	174.16	W	33	N	4.9	1.4	11 TONGA ISLANDS REGION
	11	10	07	21.4•	9.505	N	122.300	E	33	N	4.6	0.9	7 NEGROS, PHILIPPINE ISLANDS
	11	10	24	08.6	35.150	S	70.181	W	147	D	4.4	0.9	23 CHILE-ARGENTINA BORDER REGION. MD 4.5 (SAN).
	11	12	54	23.3•	15.110	N	60.537	W	24			0.8	12 LEEWARD ISLANDS. MD 3.5 (TRN). ML 2.8 (FDF).
	11	13	28	26.5	2.679	N	126.310	E	80	•	5.0	1.0	50 NORTHERN MOLUCCA SEA
	11	13	35	48.4	40.673	N	23.474	E	10	G		0.5	10 GREECE. MD 2.8 (THE).
	11	13	58	15.4%	40.754	N	22.568	E	10	G		0.4	7 GREECE. MD 1.6 (THE).
	11	14	00	13.9	34.916	N	141.041	E	38	D	4.7 4.0	1.4	42 OFF EAST COAST OF HONSHU, JAPAN
	11	14	16	36.5?	6.11	N	126.19	E	162	•	4.6	0.7	9 MINDANAO, PHILIPPINE ISLANDS
	11	15	01	19.2%	40.656	N	23.443	E	10	G		0.1	5 GREECE. MD 1.7 (THE).
	11	15	05	51.3	59.939	N	5.766	E	10	G		0.8	11 SOUTHERN NORWAY. MD 2.5 (BER). Felt in southern Norway.
	11	15	15	38.1?	14.41	N	93.22	W	33	N	4.3	1.6	18 NEAR COAST OF CHIAPAS, MEXICO
	11	15	29	00.8?	14.28	N	93.24	W	48	•	4.2	1.2	14 NEAR COAST OF CHIAPAS, MEXICO. Felt along the coast of Chiapas.
	11	19	28	34.9&	60.148	N	152.645	W	91				43 SOUTHERN ALASKA. <AEIC>.
	11	20	57	19.3•	32.173	N	138.050	E	339	•	4.1	0.7	14 SOUTH OF HONSHU, JAPAN
	11	21	10	09.4?	44.63	N	15.52	E	10	G		0.5	6 NORTHWESTERN BALKAN REGION. ML 1.9 (LJU).
	11	21	18	30.4&	61.562	N	146.470	W	30				43 SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	11	21	44	55.3•	40.450	N	23.910	E	10	G		0.7	5 GREECE. MD 1.8 (THE).
	11	21	45	23.1?	39.66	N	23.38	E	10	G		0.6	10 AEGEAN SEA. MD 2.7 (THE).
	11	22	18	35.6%	36.739	N	4.596	W	10	G		1.4	5 STRAIT OF GIBRALTAR. mbLg 2.6 (MDD).
	11	23	16	54.0	45.923	N	7.509	E	5	G		0.9	11 NORTHERN ITALY. ML 2.3 (GEN), 2.0 (LDG).
	11	23	41	40.9	35.922	N	5.490	W	10	G		0.7	12 STRAIT OF GIBRALTAR. mbLg 2.9 (MDD).
	11	23	57	11.1&	63.641	N	149.656	W	134		2.8		60 CENTRAL ALASKA. <AEIC>.
	12	02	02	20.0%	36.724	N	4.558	W	10	G		0.9	5 STRAIT OF GIBRALTAR. mbLg 2.8 (MDD).
	12	03	31	55.0	43.193	N	0.376	W	10	G		1.0	21 PYRENEES. ML 2.8 (LDG). Felt (III) in the Ossou Valley, France.
	12	04	19	36.5?	32.63	S	179.75	E	353	?	4.3	1.4	15 SOUTH OF KERMADEC ISLANDS
	12	04	34	21.0%	44.786	N	6.797	E	10	G		0.6	5 FRANCE. ML 1.8 (GEN).
	12	05	30	57.3%	31.777	S	68.183	W	10	G		0.9	5 SAN JUAN PROVINCE, ARGENTINA
	12	06	32	11.3?	10.88	N	59.75	W	10	G	3.5	1.1	10 NORTH ATLANTIC OCEAN. MD 3.3 (TRN).
	12	06	40	52.1?	10.83	N	59.71	W	10	G	4.0	0.9	11 NORTH ATLANTIC OCEAN. MD 3.7 (TRN).
	12	07	10	40.5•	14.206	S	166.780	E	33	N	4.1	1.3	34 VANUATU ISLANDS
	12	08	17	23.1?	33.90	S	71.87	W	33	N		0.8	8 NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	12	00	19	29.7	43.971	N	13.019	E	10	G	3.3	1.3	53 CENTRAL ITALY. ML 3.6 (ZAG), 3.6 (VIE), 3.4 (LDG). MD 3.4 (TRI).
	12	08	44	38.3	37.182	N	10.806	W	10	G	3.1	0.7	21 NORTH ATLANTIC OCEAN. MD 3.7 (RBA). mbLg 3.3 (MDD).
	12	10	27	00.1	31.217	S	68.817	W	110	D	4.3	0.9	36 SAN JUAN PROVINCE, ARGENTINA. MD 4.6 (SAN). Felt (IV) at Talacasta.
	12	11	03	50.0	44.322	N	7.306	E	14			0.5	22 NORTHERN ITALY. ML 2.4 (GEN), 2.3 (LDG).
	12	11	15	25.7•	11.264	S	165.958	E	33	N	4.6	1.1	7 SANTA CRUZ ISLANDS
	12	11	42	23.8•	45.078	S	167.421	E	151	•		0.3	18 SOUTH ISLAND, NEW ZEALAND
	12	12	15	18.3%	37.741	N	14.550	E	10	G		1.3	6 SICILY
	12	13	40	23.6&	36.898	N	121.343	W	7				20 CENTRAL CALIFORNIA. <BRK>. ML 2.9 (BRK). Felt (III) at Hollister.

	12	14	02	32.7	15.722	N	121.057	E	48		4.3	1.0	14	LUZON, PHILIPPINE ISLANDS
	12	15	21	59.6?	11.50	N	61.67	W	33	N		0.5	5	WINDWARD ISLANDS. MD 3.1 (TRN).
	12	15	49	54.4*	37.116	S	177.420	E	261	*		0.4	28	OFF E. COAST OF N. ISLAND, N.Z.
	12	16	02	49.0?	40.73	N	23.41	E	10	G		0.7	4	GREECE. MD 2.1 (THE).
	12	16	31	22.0?	51.28	N	15.86	E	10	G		0.9	4	POLAND. MG 2.6 (WAR).
	12	16	34	11.1?	37.33	N	29.99	E	10	G		0.9	4	TURKEY
	12	17	46	05.4%	37.796	N	14.529	E	10	G		0.3	6	SICILY
	12	18	18	52.7?	33.87	S	71.79	W	33	N		0.6	6	NEAR COAST OF CENTRAL CHILE
a	12	18	37	16.5	29.515	N	131.396	E	39	D	5.6 5.4	0.9	286	SOUTHEAST OF RYUKYU ISLANDS. Ma=1.0*10**18 Nm (PPT).
	12	18	37	20.6?	52.39	N	161.50	W	33	N		0.7	9	SOUTH OF ALASKA
	12	19	14	14.3?	31.68	S	68.16	W	33	N		0.7	4	SAN JUAN PROVINCE, ARGENTINA
	12	19	24	32.7?	33.89	S	71.74	W	33	N		0.6	6	NEAR COAST OF CENTRAL CHILE
	12	19	36	09.5&	63.090	N	150.901	W	128		4.0		95	CENTRAL ALASKA. <AEIC>. Felt (IV) at Skwentna.
	12	20	30	24.2?	28.71	N	69.68	E	33	N	4.2	1.5	11	PAKISTAN
	12	20	54	06.3	32.088	S	176.638	W	31	D	5.4 4.8	1.1	52	SOUTH OF KERMADEC ISLANDS
	12	21	31	32.1*	22.319	N	120.280	E	52	*	3.9	1.3	16	TAIWAN
	12	21	37	11.6	38.087	S	176.288	E	213			0.8	47	NORTH ISLAND, NEW ZEALAND
	12	22	17	54.2&	60.287	N	153.092	W	159				39	SOUTHERN ALASKA. <AEIC>.
	12	22	44	30.9	33.893	S	71.903	W	33	N		0.8	7	NEAR COAST OF CENTRAL CHILE
	12	23	11	22.0?	31.10	S	68.67	W	100	G		0.4	4	SAN JUAN PROVINCE, ARGENTINA
	12	23	22	44.3%	46.399	N	0.419	E	10	G		0.3	6	FRANCE
	12	23	48	04.5?	34.29	S	70.14	W	10	G		0.1	6	CHILE-ARGENTINA BORDER REGION
	13	01	01	19.0*	31.506	S	69.460	W	131	?		0.5	16	SAN JUAN PROVINCE, ARGENTINA. MD 3.8 (SAN).
	13	01	07	33.7%	37.792	N	14.600	E	10	G		0.3	5	SICILY
	13	01	10	35.0?	25.19	N	125.27	E	33	N	3.1	0.7	9	SOUTHWESTERN RYUKYU ISLANDS
	13	01	14	07.9%	40.657	N	23.464	E	10	G		0.4	7	GREECE. MD 1.9 (THE).
a	13	01	20	00.8	51.153	N	5.798	E	21	D	5.5 5.2	1.2	404	THE NETHERLANDS. ML 5.9 (BNS), 5.9 (UCC), 5.8 (STR), 5.8 (BGS), 5.5 (LDG). MD 5.8 (VIE). One person died of a heart attack at Bonn, Germany. Twenty people injured and some buildings damaged (VIII) at Roermond, Netherlands and 25 people injured and some buildings damaged (VII) at Heinsberg, Germany. Damaged also reported at Bonn and Koln, Germany and in Limburg Province, Belgium. Felt strongly in many parts of northwestern Germany, eastern Belgium and southern Netherlands. Felt in northeastern France. Also felt throughout much of southeastern England and in the Liverpool-Manchester area, United Kingdom.
	13	01	33	30.7	51.123	N	5.709	E	10	G		1.4	25	THE NETHERLANDS. ML 3.0 (LDG), 2.3 (BNS).
	13	01	34	04.0&	60.438	N	152.233	W	85				61	SOUTHERN ALASKA. <AEIC>.
	13	01	44	24.8%	40.674	N	23.349	E	10	G		0.6	5	GREECE. MD 1.9 (THE).
	13	01	46	46.2	50.709	N	5.577	E	10	G		0.9	14	BELGIUM
	13	01	53	29.2*	51.104	N	5.894	E	10	G		1.3	10	THE NETHERLANDS
	13	02	02	22.4	51.173	N	5.727	E	10	G		1.4	15	THE NETHERLANDS. ML 2.2 (BNS).
	13	02	04	29.0*	51.100	N	5.874	E	10	G		1.4	11	THE NETHERLANDS
	13	02	08	19.8*	51.075	N	5.816	E	10	G		1.3	18	THE NETHERLANDS. ML 2.9 (LDG), 2.2 (BNS).
	13	02	30	39.0*	51.178	N	5.750	E	10	G		1.4	18	THE NETHERLANDS. ML 1.9 (BNS).
	13	03	03	25.0	51.184	N	5.761	E	10	G		1.2	19	THE NETHERLANDS. ML 3.0 (LDG), 2.4 (BNS).
	13	03	17	47.3*	51.213	N	5.690	E	10	G		1.3	15	THE NETHERLANDS. ML 2.9 (LDG), 2.3 (BNS).
	13	03	33	49.1*	50.798	N	5.522	E	10	G		1.5	9	BELGIUM
	13	03	38	55.7%	46.851	N	3.612	E	10	G		0.4	6	FRANCE. ML 1.7 (LDG).
	13	03	41	26.0	51.104	N	5.866	E	10	G		1.2	17	THE NETHERLANDS. ML 3.1 (LDG), 2.6 (BNS).
a	13	03	45	18.6*	37.391	S	93.725	W	10	G	4.8	0.9	31	WEST CHILE RISE
	13	03	47	51.0	31.958	N	88.339	E	33	N	4.6 4.5	1.4	33	XIJANG
	13	03	49	41.3	51.043	N	5.911	E	10	G		1.3	38	THE NETHERLANDS. ML 3.8 (LDG), 3.6 (GRF), 3.3 (BNS).
	13	04	00	23.4	10.275	S	120.232	E	33	N	4.8	1.4	22	SUMBA REGION, INDONESIA
	13	04	14	58.2%	17.008	N	62.216	W	23	*		0.9	7	LEEWARD ISLANDS. MD 2.5 (TRN).
	13	04	19	13.1&	33.394	N	116.348	W	2				5	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.5 (GS).
	13	04	22	40.7*	51.202	N	5.783	E	10	G		1.1	12	THE NETHERLANDS. ML 2.1 (BNS).
	13	04	32	46.8	50.746	N	6.177	E	10	G		1.3	24	GERMANY. ML 2.1 (BNS), 2.0 (LDG).
	13	04	37	44.4	50.995	N	5.875	E	10	G		1.1	15	BELGIUM. ML 3.0 (LDG), 2.3 (BNS).
	13	04	47	59.6	18.721	N	145.506	E	118	D	4.8	0.8	30	MARIANA ISLANDS
	13	04	55	54.8*	20.911	S	169.440	E	33	N	4.5	1.4	27	VANUATU ISLANDS
	13	05	03	19.3*	50.592	N	5.596	E	10	G		1.2	7	BELGIUM
	13	05	13	10.9?	5.54	S	147.17	E	210	?		1.1	5	EASTERN NEW GUINEA REG., P.N.G.
	13	05	20	45.5*	50.895	N	5.789	E	10	G		1.5	25	BELGIUM. ML 3.4 (LDG).
	13	05	25	27.9	51.137	N	5.714	E	10	G		1.3	12	THE NETHERLANDS. ML 2.8 (LDG).
a	13	05	58	45.7	39.123	N	142.272	E	58	D	5.2	1.0	194	NEAR EAST COAST OF HONSHU, JAPAN. Felt (IV JMA) at Iwaki; (III JMA) at Ishinomaki, Miyako and Mariaka; (II JMA) at Hachinohe; (I JMA) at Akita, Fukushima, Kushiro and Mito.
	13	06	02	09.6	51.099	N	5.885	E	10	G		1.2	30	THE NETHERLANDS. ML 3.7 (LDG).
	13	06	11	27.1	40.675	N	23.510	E	10	G		0.8	10	GREECE. MD 2.7 (THE).
	13	06	16	33.4	51.091	N	5.895	E	10	G		1.3	24	THE NETHERLANDS. ML 3.1 (LDG).
	13	06	22	55.1*	51.123	N	5.848	E	10	G		1.3	12	THE NETHERLANDS
	13	06	33	38.5	51.087	N	5.840	E	10	G		1.4	23	THE NETHERLANDS. ML 3.3 (LDG).
	13	07	47	48.8%	11.230	N	61.482	W	5	G		0.5	7	WINDWARD ISLANDS. MD 2.9 (TRN).
	13	08	06	09.0%	40.671	N	23.127	E	10	G		0.7	7	GREECE
	13	08	18	36.8?	51.12	N	5.91	E	10	G		0.1	4	THE NETHERLANDS
	13	08	23	40.9%	43.092	N	0.629	W	10	G		0.2	5	PYRENEES. ML 1.0 (STR).
	13	08	36	59.0	48.905	N	128.676	W	10	G		0.6	58	VANCOUVER ISLAND REGION. ML 3.5 (PGC).
	13	09	25	00.0?	39.36	N	30.11	E	10	G		1.6	4	TURKEY. ML 3.8 (CSS).
	13	11	00	51.4?	7.92	N	94.36	E	158	?	4.2	1.1	13	NICOBAR ISLANDS, INDIA
	13	13	50	17.0	41.903	S	174.378	E	25		4.0	1.0	35	COOK STRAIT, NEW ZEALAND. ML 4.5 (WEL).
	13	14	03	48.6&	36.933	N	121.435	W	2				18	CENTRAL CALIFORNIA. <BRK>. ML 2.9 (BRK), 2.8 (GS).
	13	16	00	13.0%	40.272	N	28.725	E	10	G		0.3	5	TURKEY
	13	17	15	59.0	51.598	N	173.528	W	45	D	4.7 4.5	0.9	97	ANDREANOF ISLANDS, ALEUTIAN IS.
	13	17	51	13.0%	43.311	N	12.641	E	10	G		0.3	6	CENTRAL ITALY
	13	18	01	29.6*	50.979	N	5.735	E	10	G		0.2	5	BELGIUM
	13	18	37	42.9*	36.771	N	71.295	E	173	?	3.5	0.7	11	AFGHANISTAN-TAJIKISTAN BORD REG.
	13	19	54	48.8?	6.27	S	130.32	E	118	?	5.0	1.3	11	BANDA SEA
	13	20	20	24.4%	36.976	N	4.196	W	10	G		1.4	5	STRAIT OF GIBRALTAR. mbLg 2.8 (MDD).
	13	20	40	59.4	44.737	N	9.659	E	10	G		1.0	48	NORTHERN ITALY. ML 3.3 (LDG), 3.0 (GEN).

	13	21 29 23.0?	8.78	S	116.24	E	33	N	4.0	0.9	6	SUMBAWA REGION, INDONESIA
	13	21 33 51.8?	31.01	S	67.98	W	33	N		1.8	5	SAN JUAN PROVINCE, ARGENTINA
	13	21 50 00.9	51.155	N	5.828	E	10	G		1.1	15	THE NETHERLANDS. ML 2.8 (LDG), 2.1 (BNS).
	13	22 25 27.9	39.046	N	26.772	E	10	G		0.5	19	TURKEY
	13	22 46 28.1•	34.104	S	71.787	W	14			0.6	12	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
	13	22 47 38.5?	45.31	N	6.40	E	5	G		0.4	5	FRANCE. ML 1.9 (GEN).
	13	22 59 19.9	51.144	N	5.780	E	10	G		1.1	16	THE NETHERLANDS. ML 2.8 (LDG), 2.2 (BNS).
	14	00 01 28.9	51.130	N	5.754	E	10	G		1.2	14	THE NETHERLANDS
	14	01 06 45.9	50.748	N	6.039	E	10	G		0.9	69	GERMANY. ML 4.3 (LDG), 4.1 (STR), 4.1 (GRF). MD 3.8 (VIE).
	14	01 31 05.7•	28.120	N	112.493	W	10	G	4.5	1.3	34	GULF OF CALIFORNIA
	14	01 36 22.0	50.726	N	6.168	E	10	G		1.2	28	GERMANY. ML 2.4 (LDG).
	14	01 52 15.8•	38.731	N	103.763	E	33	N	4.2	1.5	7	GANSU, CHINA. ML 4.6 (BJI).
	14	02 16 12.2	44.628	N	8.321	E	5	G		1.3	16	NORTHERN ITALY. ML 2.2 (GEN), 2.2 (LDG).
	14	02 17 45.9	44.682	N	8.367	E	5	G		0.8	34	NORTHERN ITALY. ML 3.0 (LDG), 2.9 (GEN).
	14	02 31 05.6	51.088	N	5.893	E	10	G		1.2	24	THE NETHERLANDS. ML 2.9 (LDG), 2.5 (BNS).
	14	02 36 55.9	5.287	S	152.041	E	62	D	4.4	0.9	30	NEW BRITAIN REGION, P.N.G.
	14	02 38 42.2&	62.890	N	150.610	W	92				64	CENTRAL ALASKA. <AEIC>.
	14	02 41 45.2%	40.662	N	23.451	E	10	G		0.1	7	GREECE. MD 1.8 (THE).
	14	03 01 06.4%	43.261	N	0.256	W	5	G		0.4	6	PYRENEES. ML 2.8 (LDG). Felt (IV) in the Ossau Valley, France.
	14	03 03 53.3	36.171	N	139.789	E	57	D	5.0	1.0	158	EASTERN HONSHU, JAPAN. Felt in the Tokyo area.
	14	03 20 07.5?	43.18	N	148.04	E	33	N	3.2	1.7	5	EAST OF KURIL ISLANDS
	14	04 24 39.8?	51.05	N	5.77	E	10	G		0.5	4	THE NETHERLANDS
	14	04 52 13.6•	9.992	S	112.418	E	33	N	5.1	0.8	11	SOUTH OF JAWA, INDONESIA
	14	05 26 30.8%	40.458	N	23.095	E	10	G		0.3	8	GREECE. MD 2.0 (THE).
	14	05 31 22.7%	40.651	N	23.482	E	10	G		0.6	7	GREECE. MD 1.9 (THE).
	14	05 44 13.5	41.819	N	20.513	E	10	G		1.1	20	ALBANIA. ML 2.6 (SKO), 2.5 (TIR), 2.5 (TTG).
	14	05 56 34.0&	61.256	N	149.440	W	39				55	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
	14	05 58 49.7%	42.619	N	13.035	E	10	G		0.4	5	CENTRAL ITALY
	14	06 04 58.5%	40.666	N	23.013	E	10	G		0.5	7	GREECE. MD 1.4 (THE).
	14	06 11 10.7•	3.816	S	129.719	E	33	N	4.5	1.3	12	SERAM, INDONESIA
	14	06 42 01.8%	43.022	N	6.970	W	10	G		0.7	7	SPAIN. mbLg 3.2 (MDD). Felt (III) in the Fonsagrada area.
	14	07 18 10.0%	61.260	N	4.773	E	10	G		0.8	8	SOUTHERN NORWAY. MD 2.2 (BER).
	14	07 26 58.0&	61.726	N	151.055	W	77				62	SOUTHERN ALASKA. <AEIC>.
	14	08 55 14.4?	40.20	S	88.79	W	10	G	5.1	0.5	8	WEST CHILE RISE
	14	08 56 33.6%	41.048	N	28.378	E	10	G		0.3	5	TURKEY
	14	09 34 28.2	53.511	N	35.237	W	10	G	5.1	1.1	36	NORTH ATLANTIC OCEAN
	14	09 51 03.5•	38.531	N	22.528	E	10	G		0.5	11	GREECE. MD 3.0 (THE).
	14	10 36 17.2	39.982	N	23.613	E	10	G		1.2	17	AEGEAN SEA. MD 3.0 (THE).
	14	11 21 31.2	38.735	N	27.711	E	10	G		0.7	9	TURKEY
	14	12 12 39.8	19.450	S	69.133	W	113	D	5.0	1.5	36	NORTHERN CHILE
	14	12 30 16.1	40.429	N	20.691	E	10	G		1.2	18	GREECE-ALBANIA BORDER REGION. MD 3.0 (THE). ML 2.9 (TIR).
	14	12 38 31.9%	19.387	N	102.609	W	33	N		1.6	6	MICHOACAN, MEXICO
	14	12 41 38.2	51.126	N	5.719	E	10	G		1.5	21	THE NETHERLANDS. ML 3.5 (LDG), 3.1 (BNS). Felt in the epicentral area.
	14	12 45 13.6%	40.420	N	23.494	E	10	G		0.5	6	GREECE. MD 2.4 (THE).
	14	12 46 10.0	59.483	N	5.799	E	10	G		1.2	11	SOUTHERN NORWAY. MD 2.7 (BER).
	14	12 56 30.5	51.123	N	5.897	E	10	G		1.3	19	THE NETHERLANDS. ML 3.3 (LDG), 3.0 (BNS). Felt in the epicentral area.
	14	13 10 06.9	59.528	N	5.723	E	10	G		1.0	16	SOUTHERN NORWAY. MD 3.7 (BER). Felt (V) at Stord.
	14	13 23 07.6?	60.21	N	5.78	E	10	G		1.5	4	SOUTHERN NORWAY. MD 1.8 (BER).
	14	13 25 32.9•	41.218	S	91.801	W	10	G	4.8	1.2	14	SOUTHERN PACIFIC OCEAN
	14	14 59 40.3?	22.17	S	170.35	E	33	N	4.5	1.6	22	LOYALTY ISLANDS REGION
	14	16 23 56.9?	31.70	S	69.43	W	120	G		0.5	6	SAN JUAN PROVINCE, ARGENTINA
	14	16 32 26.8?	42.56	N	13.07	E	10	G		0.6	4	CENTRAL ITALY
	14	17 24 04.2?	22.76	N	121.45	E	33	N	3.8	1.5	6	TAIWAN REGION
	14	17 26 23.9?	23.03	N	121.92	E	10	G		0.6	4	TAIWAN
	14	17 32 35.1•	8.203	N	127.067	E	33	N	3.9	1.7	6	PHILIPPINE ISLANDS REGION
	14	19 15 33.0%	40.668	N	23.493	E	10	G		0.3	6	GREECE. MD 1.8 (THE).
	14	19 35 06.3&	63.061	N	150.302	W	97				72	CENTRAL ALASKA. <AEIC>.
	14	20 30 29.8%	39.237	N	29.178	E	10	G		0.6	7	TURKEY
	14	20 38 22.1•	50.842	N	179.153	W	33	N	3.8	0.9	11	ANDREANOF ISLANDS, ALEUTIAN IS.
	14	20 55 23.4%	24.476	S	116.908	E	10	G		1.0	7	WESTERN AUSTRALIA
	14	21 38 04.8	41.810	S	174.343	E	24			1.0	22	COOK STRAIT, NEW ZEALAND. ML 3.8 (WEL).
	14	21 39 19.2	41.740	S	174.312	E	10	G		0.7	16	COOK STRAIT, NEW ZEALAND. ML 3.8 (WEL).
	14	21 45 21.7	39.539	N	28.456	E	10	G		1.1	15	TURKEY
	14	22 27 43.4?	39.15	N	29.21	E	10	G		1.7	4	TURKEY
	14	22 32 18.8%	31.826	S	69.469	W	33	N		0.7	7	SAN JUAN PROVINCE, ARGENTINA
	14	22 47 15.9?	40.66	N	23.61	E	10	G		1.3	4	GREECE. MD 1.7 (THE).
	14	23 17 04.3%	17.739	N	94.765	W	126	?		1.1	7	CHIAPAS, MEXICO
	14	23 46 49.6&	61.548	N	150.005	W	39				49	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	14	23 52 18.4•	21.518	S	68.408	W	123	•	4.7	1.5	28	CHILE-BOLIVIA BORDER REGION
	15	00 44 14.0•	43.006	N	1.017	W	10	G		1.0	14	PYRENEES. ML 1.6 (STR).
	15	00 48 55.2•	14.927	N	124.302	E	33	N		1.2	10	LUZON, PHILIPPINE ISLANDS
a	15	01 32 09.9	24.315	N	94.898	E	116	D	5.6	1.0	382	MYANMAR-INDIA BORDER REGION. Felt in northwestern Burma. Also felt in the Gauhati-Silchar area, India.
	15	02 27 15.2%	18.116	N	77.331	W	10	G		0.3	5	JAMAICA REGION. MD 2.2 (HOJ).
	15	02 33 33.7•	37.024	N	142.106	E	33	N	4.1	1.4	17	OFF EAST COAST OF HONSHU, JAPAN
	15	02 46 12.8%	39.444	N	23.833	E	10	G		1.0	8	AEGEAN SEA. MD 2.5 (THE).
	15	03 06 08.1%	40.094	N	29.535	E	10	G		1.0	9	TURKEY
	15	03 40 31.4	52.100	N	157.589	E	115	D	4.8	0.9	101	KAMCHATKA
	15	05 04 53.1?	7.49	S	128.17	E	147	?	4.7	1.0	10	BANDA SEA
	15	05 27 12.1	39.021	N	26.039	E	10	G		0.7	34	TURKEY. MD 3.5 (THE).
a	15	05 35 03.2	50.232	N	176.049	W	38	D	5.6 4.8	1.1	328	ANDREANOF ISLANDS, ALEUTIAN IS. ML 5.3 (PMR). Felt (III) on Adak.
	15	05 38 02.8%	18.135	N	67.022	W	10	G		0.6	7	MONA PASSAGE
	15	05 56 10.4%	39.097	N	26.380	E	10	G		0.9	6	TURKEY
	15	05 59 22.6&	33.395	N	116.346	W	2				4	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.3 (GS).
	15	06 02 45.7	39.020	N	26.065	E	19			0.8	21	TURKEY. MD 3.1 (THE).
	15	06 26 29.1%	10.892	N	61.816	W	31	•		0.8	6	TRINIDAD. MD 2.8 (TRN).

	15	06	57	22.9%	30.970	S	68.113	W	33	N		1.3	6	SAN JUAN PROVINCE, ARGENTINA
	15	07	45	47.7%	15.592	N	94.443	W	33	N		1.3	7	NEAR COAST OF OAXACA, MEXICO
	15	07	47	24.4?	5.82	S	146.75	E	62	?	3.2	1.0	5	EASTERN NEW GUINEA REG., P.N.G.
	15	08	17	03.2%	39.208	N	27.714	E	10	G		0.6	5	TURKEY
	15	08	39	36.1	40.416	N	21.826	E	10	G		1.1	11	GREECE. MD 2.0 (THE).
	15	08	58	29.6%	40.639	N	22.986	E	5	G		0.4	6	GREECE. MD 1.7 (THE).
	15	09	10	43.6%	40.734	N	29.136	E	10	G		0.7	5	TURKEY
	15	09	21	06.9	40.154	N	29.497	E	10	G		0.7	14	TURKEY. MG 3.3 (DDA).
	15	09	30	24.6?	40.68	N	30.05	E	10	G		0.3	4	TURKEY
	15	09	57	14.3?	41.26	N	28.44	E	10	G		0.6	4	TURKEY
	15	10	01	50.4%	41.053	N	28.702	E	10	G		0.6	8	TURKEY
	15	10	04	13.3?	41.12	N	28.74	E	10	G		0.2	4	TURKEY
	15	10	26	24.7?	39.01	N	25.98	E	10	G		0.6	9	AEGEAN SEA
a	15	10	38	06.5•	41.115	S	91.741	W	10	G	5.0 5.1	1.2	25	SOUTHERN PACIFIC OCEAN
	15	11	21	33.2	31.501	S	69.123	W	120	•		0.9	17	SAN JUAN PROVINCE, ARGENTINA. MD 4.2 (SAN).
	15	12	22	58.7%	44.310	N	8.032	E	10	G		0.1	6	NORTHERN ITALY. ML 1.6 (GEN).
	15	12	32	19.6%	43.422	N	5.458	E	5	G		0.5	8	NEAR SOUTH COAST OF FRANCE. ML 2.6 (STR).
	15	12	45	08.5?	39.12	N	26.30	E	10	G		0.0	4	TURKEY
	15	13	09	14.9•	25.671	S	27.780	E	5	G	4.4	1.2	13	REPUBLIC OF SOUTH AFRICA. mbLg 3.7 (BUL).
	15	13	23	22.4?	39.11	N	26.36	E	10	G		0.5	4	TURKEY
	15	13	26	17.2%	40.496	N	22.771	E	10	G		0.3	8	GREECE. MD 1.8 (THE).
	15	14	04	27.1?	33.33	S	72.13	W	33	N		1.4	12	OFF COAST OF CENTRAL CHILE. MD 3.8 (SAN).
	15	14	38	47.2	38.999	N	26.042	E	10	G		1.0	15	AEGEAN SEA
	15	15	46	12.6%	11.236	N	68.200	W	10	G		1.3	7	NEAR COAST OF VENEZUELA
	15	16	14	25.9%	44.344	N	11.962	E	10	G		1.6	6	NORTHERN ITALY
	15	17	17	04.0•	6.458	S	147.718	E	72	•	4.5	0.9	13	EASTERN NEW GUINEA REG., P.N.G.
	15	19	05	47.2&	34.291	N	117.564	W	3				30	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.5 (GS). Felt (IV) at Wrightwood and Mt Baldy.
a	15	19	43	48.4	3.283	S	142.813	E	24	D	5.3 4.6	1.3	85	NEAR N COAST OF NEW GUINEA, PNG.
	15	20	30	29.1•	50.341	N	18.831	E	10	G		0.6	6	POLAND. ML 3.5 (WAR).
	15	20	31	55.0&	37.633	N	118.953	W	9				10	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.6 (GM).
	15	21	36	08.4•	9.757	N	63.687	W	162	?		1.2	9	VENEZUELA
	15	21	51	48.0	41.288	N	20.813	E	10	G	4.0	1.2	103	ALBANIA. ML 4.2 (SKO), 4.1 (TTG), 3.9 (TIR). MD 3.7 (THE). Felt (VI) at Botun and Belcista; (V) at Ohrid and Struga; (IV) at Bitola, Gostivar, Kruseva and Prilep; (III) at Kavadarci, Yugoslavia.
	15	21	55	00.7%	39.714	N	21.549	E	10	G		0.5	10	GREECE. MD 2.8 (THE).
	15	21	59	22.9	41.249	N	20.875	E	10	G		0.7	10	ALBANIA. MD 2.8 (THE). ML 2.6 (SKO).
	15	22	46	05.0	37.335	N	104.773	W	5	G	3.1	1.3	9	COLORADO. mbLg 3.2 (GS), 3.3 (TUL). Felt (V) at Aguilar, (IV) at Guinare and (III) at Walsenburg. Also felt at Cuchara.
	15	22	54	47.6•	37.514	N	71.207	E	33	N	3.6	1.0	8	AFGHANISTAN-TAJIKISTAN BORD REG.
	15	23	40	02.8	14.416	S	76.142	W	33	N	4.7	1.4	30	NEAR COAST OF PERU
	15	23	45	31.9?	41.83	N	22.87	E	10	G		0.3	8	NORTHWESTERN BALKAN REGION. MD 2.6 (THE). ML 2.0 (SKO).
	16	00	00	03.2?	36.27	N	22.59	E	10	G		1.3	11	SOUTHERN GREECE
	16	00	14	34.7•	38.455	N	118.265	W	5	G		1.4	5	CALIFORNIA-NEVADA BORDER REGION. MD 3.0 (GM).
	16	00	44	24.1•	41.264	N	20.236	E	10	G		1.7	6	ALBANIA. ML 2.3 (TIR), 2.1 (SKO).
	16	01	49	16.9?	39.09	N	29.50	E	10	G		0.9	4	TURKEY
	16	02	08	55.1%	40.660	N	23.483	E	10	G		0.5	6	GREECE. MD 1.6 (THE).
	16	02	15	00.0•	31.880	S	179.790	E	374	•	4.8	1.4	42	KERMADEC ISLANDS REGION
	16	03	21	55.1?	14.77	N	60.80	W	33	N		0.1	4	WINDWARD ISLANDS. ML 1.9 (FDF).
	16	03	42	48.9	42.001	N	19.813	E	5	G		0.7	7	NORTHWESTERN BALKAN REGION. ML 2.3 (TIR).
	16	03	54	31.7&	31.912	N	116.277	W	6	G			4	BAJA CALIFORNIA, MEXICO. <PAS-P>. ML 3.1 (PAS).
	16	04	50	04.5?	11.98	N	65.06	W	33	N		0.5	7	CARIBBEAN SEA
	16	05	18	36.3	16.111	N	61.357	W	23		3.5	0.9	20	LEEWARD ISLANDS. MD 3.6 (TRN). ML 3.3 (FDF). Felt (III) at Pointe-a-Pitre, Guadeloupe.
	16	06	18	31.9%	42.248	N	18.841	E	10	G		0.3	9	NORTHWESTERN BALKAN REGION. ML 1.6 (TTG).
	16	06	43	14.4•	12.993	N	125.580	E	33	N	4.7	1.4	9	SAMAR, PHILIPPINE ISLANDS
	16	06	45	38.8?	29.40	S	72.19	W	33	N		1.1	13	OFF COAST OF CENTRAL CHILE
	16	07	04	25.1	40.082	N	142.884	E	33	N	4.3	1.3	40	NEAR EAST COAST OF HONSHU, JAPAN
	16	07	36	54.8?	39.14	N	27.49	E	10	G		0.3	4	TURKEY
	16	07	51	25.7?	14.09	N	60.54	W	33	N		0.7	7	WINDWARD ISLANDS. MD 3.2 (TRN). ML 2.8 (FDF).
	16	07	54	44.2?	18.70	N	81.82	W	10	G	3.3	0.2	8	CARIBBEAN SEA
a	16	08	00	54.2	1.186	N	122.586	E	30	D	5.6 5.6	1.1	153	MINAHASSA PENINSULA, SULAWESI
	16	08	01	24.7%	24.519	S	116.886	E	10	G		1.4	9	WESTERN AUSTRALIA
	16	08	02	10.5%	40.682	N	23.093	E	10	G		0.2	6	GREECE. MD 1.5 (THE).
	16	09	06	18.3	16.113	N	61.363	W	18			0.5	20	LEEWARD ISLANDS. MD 3.2 (TRN). ML 2.9 (FDF).
	16	10	21	42.0	64.211	N	20.399	E	10	G		1.1	9	SWEDEN. MD 2.9 (BER).
	16	10	30	04.5?	16.11	N	61.37	W	10	G		0.4	4	LEEWARD ISLANDS. ML 2.9 (FDF).
	16	10	35	06.4?	5.49	S	102.48	E	33	N	4.8	1.4	11	SOUTHERN SUMATERA, INDONESIA
	16	11	03	09.6?	39.10	N	27.60	E	10	G		0.9	4	TURKEY
	16	11	07	29.0	38.839	N	29.184	E	10	G		1.4	10	TURKEY. MG 3.2 (DDA).
	16	11	08	58.7	24.459	S	67.055	W	180		4.2	1.0	22	CHILE-ARGENTINA BORDER REGION
	16	11	42	10.7•	35.519	N	72.045	E	33	N	3.9	1.2	9	PAKISTAN
	16	12	04	09.6%	43.100	N	0.570	W	5	G		0.2	6	PYRENEES. ML 1.0 (STR).
	16	12	04	29.2%	43.100	N	0.572	W	5	G		0.3	6	PYRENEES. ML 1.0 (STR).
	16	13	30	49.1%	43.078	N	0.640	W	10	G		0.1	7	PYRENEES. ML 1.2 (STR).
	16	14	07	15.6?	51.16	N	5.84	E	10	G		0.4	4	THE NETHERLANDS
	16	16	13	29.8	36.574	N	71.157	E	93	•	4.8	1.0	53	AFGHANISTAN-TAJIKISTAN BORD REG.
	16	16	49	17.7%	42.794	N	12.840	E	10	G		0.6	9	CENTRAL ITALY
	16	17	59	27.0•	32.663	S	71.610	W	66	?		1.0	15	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN). Felt (III) at Quillota and Quilpue and (II) at La Calera, Limache, Olmue, Valparaiso, Villa Alemana and Zapallar.
	16	18	00	02.3•	7.243	N	34.060	W	10	G	4.8 4.4	1.5	26	CENTRAL MID-ATLANTIC RIDGE
	16	18	20	10.6?	35.31	N	2.38	W	5	G		0.7	6	STRAIT OF GIBRALTAR. mbLg 3.2 (MDD). Felt (III) on the Chafarinas Islands, Spain.
a	16	18	33	05.3	20.004	S	68.479	W	122	D	5.6	1.0	239	CHILE-BOLIVIA BORDER REGION. mb 5.8 (BRK). Felt (IV) at Pica and (III) at Arica, Chile.
	16	19	50	25.0&	62.210	N	150.311	W	12				43	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
	16	20	12	58.5	15.060	N	60.304	W	33	N		0.4	16	LEEWARD ISLANDS. MD 3.4 (TRN). ML 3.4 (FDF).
	16	20	27	50.9?	30.74	S	117.09	E	10	G		0.5	4	WESTERN AUSTRALIA
	16	21	40	31.5%	38.083	N	15.719	E	10	G		1.4	5	SICILY
	16	21	51	49.5•	41.301	N	20.864	E	10	G		1.2	5	ALBANIA. MD 4.1 (ATH).

	16	22 32 05.4	34.734	N	5.529	W	10	G			0.6	14	MOROCCO. MD 3.7 (RBA). mbLg 3.1 (MDD).
	16	22 35 42.8?	51.58	N	16.30	E	10	G			0.6	5	POLAND. MG 2.7 (WAR).
	16	23 22 02.4%	40.652	N	23.505	E	10	G			0.9	5	GREECE. MD 1.7 (THE).
	16	23 26 51.5	47.769	N	7.626	E	10	G			0.2	9	SWITZERLAND. ML 1.9 (LDG), 1.8 (STR).
	16	23 27 12.1	47.771	N	7.634	E	10	G			0.1	6	SWITZERLAND. ML 1.9 (LDG), 1.7 (STR).
	16	23 45 50.7&	61.523	N	146.660	W	17					68	SOUTHERN ALASKA. <AEIC>. ML 3.1 (AEIC), 3.1 (PMR).
a	16	23 54 04.2	5.685	S	149.085	E	146	G	5.7		1.1	216	NEW BRITAIN REGION, P.N.G. Depth from broadband displacement seismograms.
	16	23 59 03.0&	36.111	N	120.095	W	10					5	CENTRAL CALIFORNIA. <GM-P>. MD 2.7 (GM).
	17	00 09 07.4?	48.26	N	3.21	W	10	G			0.8	8	FRANCE. ML 3.1 (LDG).
	17	00 43 56.0	40.055	N	142.126	E	63		4.8		1.0	63	NEAR EAST COAST OF HONSHU, JAPAN
	17	01 40 12.8%	45.211	N	7.482	E	10	G			1.2	5	NORTHERN ITALY
	17	01 42 44.2	43.260	N	0.554	W	5	G			0.9	13	PYRENEES. ML 2.8 (LDG).
	17	02 47 53.2*	42.913	N	145.663	E	33	N	4.1		1.5	10	HOKKAIDO, JAPAN REGION
	17	02 51 07.1	15.931	N	120.804	E	33	N	4.0		1.2	12	LUZON, PHILIPPINE ISLANDS
	17	04 11 05.6*	13.535	N	89.502	W	33	N	4.2		1.4	11	EL SALVADOR
	17	05 25 16.7?	18.92	N	65.42	W	26	*			0.3	8	PUERTO RICO REGION
	17	05 31 28.3%	32.379	S	67.144	W	33	N			0.8	5	MENDOZA PROVINCE, ARGENTINA
	17	05 59 56.8	39.320	N	20.459	E	10	G			0.6	11	GREECE-ALBANIA BORDER REGION. MD 3.1 (THE), 3.1 (ATH).
	17	06 24 18.6*	8.458	N	126.546	E	84	*	4.2		0.9	13	MINDANAO, PHILIPPINE ISLANDS
	17	08 27 23.4%	30.688	S	117.193	E	10	G			0.9	6	WESTERN AUSTRALIA
	17	08 46 43.5&	59.927	N	153.071	W	110					47	SOUTHERN ALASKA. <AEIC>.
	17	08 56 16.2%	40.655	N	22.986	E	10	G			0.7	7	GREECE. MD 1.8 (THE).
	17	11 35 48.6*	36.328	N	71.191	E	81	?	4.2		0.6	14	AFGHANISTAN-TAJIKISTAN BORD REG.
	17	11 59 07.3	44.480	N	11.064	E	10	G	4.1		1.2	138	NORTHERN ITALY. ML 4.4 (VIE), 4.1 (LDG), 4.0 (STR). MD 4.1 (FIR), 4.1 (TTG), 3.8 (TRI).
	17	12 08 10.4	19.867	S	133.717	E	10	G	4.2		1.4	18	NORTHERN TERRITORY, AUSTRALIA
	17	12 11 35.4	17.023	N	61.668	W	80		4.5		0.7	75	LEEWARD ISLANDS. MD 4.2 (TRN). Felt (III) on Guadeloupe.
	17	12 42 58.7?	34.10	N	72.43	E	13	D	4.2		1.3	12	PAKISTAN
	17	12 45 17.7%	44.257	N	10.944	E	10	G			0.2	6	NORTHERN ITALY
	17	13 55 14.7	28.803	N	105.028	E	10	G	4.4		1.4	21	SICHUAN, CHINA. ML 4.8 (BJI).
	17	13 59 19.7%	46.160	N	2.846	E	10	G			0.4	6	FRANCE. ML 1.9 (LDG).
	17	14 00 00.3?	41.10	N	24.80	E	10	G			1.0	5	GREECE-BULGARIA BORDER REGION
	17	14 00 04.1&	56.093	N	152.451	W	10	G	3.3			52	KODIAK ISLAND REGION. <AEIC>. ML 3.8 (AEIC).
	17	14 27 22.4?	1.30	S	76.75	W	33	N	3.6		0.9	6	ECUADOR
	17	15 12 56.1?	32.01	S	70.02	W	110	G			0.3	4	CHILE-ARGENTINA BORDER REGION
	17	15 32 45.1?	30.92	S	117.66	E	10	G			0.9	4	WESTERN AUSTRALIA
	17	15 49 46.5?	24.57	S	116.40	E	10	G			1.0	4	WESTERN AUSTRALIA
	17	16 32 47.4%	44.343	N	11.015	E	10	G			1.0	5	NORTHERN ITALY
	17	16 50 04.0%	44.255	N	10.998	E	10	G			0.7	5	NORTHERN ITALY
	17	17 23 31.3%	40.568	N	23.565	E	5	G			0.3	5	GREECE. MD 1.9 (THE).
	17	17 25 18.7&	60.207	N	141.009	W	10	G				17	SOUTHEASTERN ALASKA. <AEIC>. ML 2.5 (AEIC), 2.4 (PGC).
	17	17 50 06.6%	39.849	N	28.767	E	10	G			0.3	7	TURKEY
	17	18 18 34.3*	14.358	S	167.225	E	210	*	4.5		1.1	70	VANUATU ISLANDS
	17	18 53 06.3	40.632	N	29.057	E	10	G			0.8	13	TURKEY
	17	19 17 49.8	41.999	N	20.470	E	10	G			1.1	19	ALBANIA. ML 3.0 (SKO), 2.7 (TTG).
	17	19 23 31.8*	38.877	N	21.136	E	10	G			1.7	7	GREECE. MD 2.8 (ATH), 2.6 (THE).
	17	20 06 16.0&	57.304	N	153.256	W	40		2.8			19	KODIAK ISLAND REGION. <AEIC>. ML 2.9 (AEIC).
	17	20 22 53.1?	1.50	S	138.26	E	33	N	4.9		1.3	18	NEAR NORTH COAST OF IRIAN JAYA
	17	21 04 27.3*	41.982	N	21.671	E	10	G			0.5	8	NORTHWESTERN BALKAN REGION. ML 2.4 (SKO). MD 2.4 (THE).
	17	21 08 04.7?	38.94	N	25.66	E	10	G			0.5	7	AEGEAN SEA
	17	21 50 40.3	1.653	N	127.333	E	134	*	4.8		0.9	61	HALMAHERA, INDONESIA
	17	23 36 24.6*	45.975	N	143.230	E	296	?	4.3		0.8	30	HOKKAIDO, JAPAN REGION
	17	23 39 28.1	37.765	N	20.711	E	10	G	3.9		1.2	30	IONIAN SEA. MD 3.8 (ATH), 3.6 (THE). Felt on Zakinthas.
	17	23 45 33.5	40.758	N	21.170	E	10	G			0.4	9	GREECE. MD 2.7 (THE).
	18	00 00 34.9?	47.96	N	8.11	E	10	G			0.0	4	SWITZERLAND. ML 1.9 (LDG).
	18	01 31 41.9?	40.14	S	72.17	W	33	N	4.5	3.8	1.6	11	CENTRAL CHILE
	18	01 55 09.3	22.277	S	68.654	W	109	D	5.0		1.3	32	NORTHERN CHILE
	18	02 24 08.6&	59.114	N	152.972	W	76					50	SOUTHERN ALASKA. <AEIC>.
	18	02 26 03.4	42.034	N	20.536	E	10	G			0.7	16	NORTHWESTERN BALKAN REGION. ML 2.8 (TTG). MD 2.8 (THE).
	18	03 19 55.6*	31.318	S	67.532	W	33	N			1.2	6	SAN JUAN PROVINCE, ARGENTINA
	18	03 26 03.9%	43.152	N	18.022	E	10	G			0.6	10	NORTHWESTERN BALKAN REGION. ML 2.6 (TTG).
	18	03 45 24.8*	24.061	S	66.795	W	208	*	3.3		0.5	7	SALTA PROVINCE, ARGENTINA
	18	04 16 45.4?	25.70	N	144.66	E	33	N	4.6		0.6	10	VOLCANO ISLANDS REGION
	18	04 56 04.5%	62.024	N	5.604	E	10	G			0.7	11	SOUTHERN NORWAY. MD 2.6 (BER).
	18	05 18 43.5&	60.818	N	151.051	W	28					45	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.5 (AEIC).
	18	05 55 21.9	38.983	N	26.081	E	10	G			1.0	11	AEGEAN SEA
	18	06 22 32.6*	13.952	N	146.956	E	33	N	3.8		0.5	10	SOUTH OF MARIANA ISLANDS
	18	07 18 21.5*	33.891	N	34.281	E	10	G			0.5	6	EASTERN MEDITERRANEAN SEA. MD 3.7 (HLW). ML 3.0 (BHL).
	18	07 20 41.9	37.378	N	20.965	E	10	G	4.2		1.0	61	IONIAN SEA. MD 4.1 (THE), 4.1 (ATH). ML 4.0 (TIR).
	18	07 23 53.5*	37.936	N	20.815	E	10	G			0.8	11	IONIAN SEA. MD 3.4 (ATH), 3.2 (THE).
	18	08 23 50.9?	43.45	N	18.57	E	10	G			0.7	9	NORTHWESTERN BALKAN REGION. ML 2.2 (TTG).
	18	08 29 29.6*	24.057	S	66.916	W	206	*	3.4		0.6	7	SALTA PROVINCE, ARGENTINA
	18	08 46 50.1?	53.63	N	159.27	E	33	N	4.2		1.6	7	NEAR EAST COAST OF KAMCHATKA
	18	08 57 06.3&	61.996	N	148.095	W	37					58	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
f	18	09 16 52.8	5.454	S	103.001	E	29	G	5.7	6.4	1.3	351	SOUTHERN SUMATERA, INDONESIA. Mo=2.5*10**18 Nm (PPT). Two events about 5 seconds apart. Depth from broadband displacement seismograms, based on first event.
	18	09 21 09.4?	37.84	N	20.65	E	10	G			1.7	9	IONIAN SEA. MD 3.3 (ATH), 3.1 (THE).
	18	10 13 18.9?	5.67	S	102.84	E	33	N	4.3		0.7	8	SOUTHERN SUMATERA, INDONESIA
	18	10 56 32.7*	11.624	N	87.142	W	33	N	4.3		1.1	19	NEAR COAST OF NICARAGUA
	18	11 17 07.0&	38.615	N	119.032	W	4					11	CALIFORNIA-NEVADA BORDER REGION. <BRK>. ML 3.0 (BRK).
	18	11 46 45.0&	61.090	N	150.125	W	36					62	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
	18	12 00 07.9%	39.841	N	29.360	E	10	G			0.9	6	TURKEY
	18	12 19 57.3&	61.683	N	150.785	W	56					61	SOUTHERN ALASKA. <AEIC>. ML 3.0 (AEIC), 3.2 (PMR).
	18	13 00 13.1&	36.713	N	121.405	W	1					16	CENTRAL CALIFORNIA. <BRK>. ML 2.8 (BRK).
	18	13 37 56.3	1.678	N	127.373	E	131	D	5.3		1.1	150	HALMAHERA, INDONESIA
a	18	14 28 13.1	5.610	S	102.881	E	32	D	5.4	4.9	1.1	114	SOUTHERN SUMATERA, INDONESIA
	18	14 47 40.6%	39.115	N	27.549	E	10	G			0.1	6	TURKEY
	18	16 52 35.8%	39.317	N	28.067	E	10	G			0.8	6	TURKEY
	18	16 54 05.9%	39.316	N	28.109	E	10	G			0.5	8	TURKEY
	18	17 14 14.9*	37.923	N	20.613	E	10	G			0.9	13	IONIAN SEA. MD 3.4 (ATH), 3.2 (THE).

	18	18	05	47.6*	17.826	N	95.061	W	136	*	3.5		1.4	10	OAXACA, MEXICO
	18	18	13	35.9?	11.74	N	121.11	E	33	N			1.3	4	PANAY, PHILIPPINE ISLANDS
	18	18	19	29.2	36.155	N	92.538	E	10	G	4.1		1.3	20	QINGHAI, CHINA
	18	18	56	31.0%	42.575	N	18.583	E	10	G			0.2	9	NORTHWESTERN BALKAN REGION. ML 1.4 (TTG).
	18	19	15	38.6&	63.658	N	145.664	W	14					42	CENTRAL ALASKA. <AEIC>. ML 2.8 (AEIC), 3.1 (PMR).
	18	19	26	40.8?	4.97	S	102.40	E	109	?	5.2		0.8	18	SOUTHERN SUMATERA, INDONESIA
	18	19	55	41.2	43.167	N	0.204	W	5	G			1.3	18	PYRENEES. ML 3.0 (LDG). Felt (III) in the Ouzom Valley, France.
	18	20	22	43.5?	15.46	S	167.22	E	125	?	4.6		1.5	20	VANUATU ISLANDS
	18	20	25	32.9	43.233	N	0.210	W	5	G	3.5		1.5	15	PYRENEES. ML 3.3 (LDG). mbLg 2.8 (MDD). Felt (IV) in the Ouzom Valley, France.
	18	20	40	36.2%	17.319	S	123.257	E	10	G	4.2		1.2	8	WESTERN AUSTRALIA
	18	20	47	06.6&	48.888	N	122.125	W	3					48	WASHINGTON. <SEA>. MD 2.7 (SEA). ML 2.6 (GS). Felt in the Deming area.
	18	22	34	57.5*	21.164	N	122.307	E	172	*	4.3		1.4	19	TAIWAN REGION
	18	23	58	31.0%	44.260	N	6.068	E	10	G			0.4	6	FRANCE. ML 2.2 (LDG).
	19	00	07	25.0	5.608	S	102.718	E	36	D	5.0	4.8	1.2	38	SOUTHERN SUMATERA, INDONESIA
	19	00	47	35.4	39.089	N	21.859	E	10	G			0.9	18	GREECE. MD 3.1 (THE), 3.1 (ATH).
	19	01	01	23.8?	31.19	S	68.23	W	90	G			0.1	4	SAN JUAN PROVINCE, ARGENTINA
	19	01	16	35.9?	16.11	N	61.37	W	10	G			0.4	4	LEEWARD ISLANDS. ML 2.6 (FDF).
	19	01	44	12.3?	10.25	S	161.86	E	97	?	4.2		1.4	8	SOLOMON ISLANDS
	19	01	58	16.0?	31.58	S	69.73	W	120	G			0.1	5	SAN JUAN PROVINCE, ARGENTINA
	19	02	04	22.2	38.056	N	21.085	E	10	G			1.3	18	GREECE. MD 3.3 (ATH), 3.1 (THE).
	19	04	31	42.2?	4.44	S	143.32	E	131	?	5.1		1.4	15	NEW GUINEA, PAPUA NEW GUINEA
	19	04	54	23.8?	31.40	N	47.99	E	73	?	4.5		1.7	11	IRAN-IRAQ BORDER REGION
	19	05	08	08.9%	43.066	N	0.649	W	10	G			0.3	7	PYRENEES. ML 1.5 (STR).
	19	05	12	07.4&	32.717	N	115.959	W	0					4	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 2.6 (PAS).
	19	05	28	54.6&	61.476	N	150.858	W	57					57	SOUTHERN ALASKA. <AEIC>. ML 3.0 (AEIC), 2.7 (PMR). Felt (IV) at Skwentna.
	19	05	42	39.3*	16.227	N	97.234	W	33	N			0.8	5	OAXACA, MEXICO
	19	06	16	48.5%	16.464	N	61.211	W	10	G			1.0	6	LEEWARD ISLANDS. ML 2.6 (FDF).
	19	07	17	45.3%	40.040	N	27.801	E	10	G			0.3	8	TURKEY
	19	09	47	18.3	41.951	N	19.203	E	10	G			1.0	14	ALBANIA. ML 2.4 (TTG), 2.0 (TIR).
	19	10	14	35.8	39.510	N	39.633	E	10	G	4.4		1.3	43	TURKEY
	19	12	13	32.7?	12.01	N	86.45	W	33	N	3.9		1.2	16	NICARAGUA. Felt along the coast of Nicaragua.
	19	12	47	34.2*	71.828	N	3.389	W	10	G	4.5		1.2	20	JAN MAYEN ISLAND REGION
	19	12	58	13.0%	40.665	N	30.192	E	10	G			0.1	5	TURKEY
	19	13	45	59.2%	42.361	N	20.286	E	10	G			0.4	9	NORTHWESTERN BALKAN REGION. ML 2.3 (TTG).
	19	14	15	34.6%	44.052	N	9.985	E	10	G			1.4	5	NORTHERN ITALY
	19	14	26	28.9*	6.150	N	126.263	E	112	*	4.6		1.3	14	MINDANAO, PHILIPPINE ISLANDS
	19	14	33	34.8*	12.273	N	143.942	E	30	*	4.5		0.7	12	SOUTH OF MARIANA ISLANDS
	19	14	45	56.7	46.206	N	12.568	E	10	G			1.2	12	NORTHERN ITALY. MD 2.9 (TRI). ML 2.6 (VIE).
	19	14	55	41.0	5.364	N	125.552	E	206		5.0		1.2	91	MINDANAO, PHILIPPINE ISLANDS
	19	15	40	09.2%	40.661	N	23.386	E	10	G			0.6	7	GREECE. MD 1.9 (THE).
	19	17	06	50.5&	47.461	N	122.054	W	23					97	WASHINGTON. <SEA>. MD 3.1 (SEA). ML 3.3 (GS).
	19	17	32	14.5	20.343	S	178.741	W	605	D	4.9		1.0	96	FIJI ISLANDS REGION
	19	17	57	07.2?	7.11	N	127.92	E	33	N	4.4		0.7	6	PHILIPPINE ISLANDS REGION
	19	18	00	49.3%	16.101	N	61.397	W	10	G			0.8	7	LEEWARD ISLANDS. ML 1.4 (FDF).
f	19	18	32	19.0	23.861	N	121.594	E	16	G	5.8	6.1	1.1	386	TAIWAN. Mo=2.0*10**18 Nm (PPT). Felt (V JMA) at Huo-lien. A landslide blocked a road near Huo-lien. Depth from broadband displacement seismograms.
	19	19	03	15.4%	37.807	N	14.544	E	10	G			1.0	9	SICILY
	19	19	37	44.1&	60.005	N	152.913	W	103					46	SOUTHERN ALASKA. <AEIC>.
	19	19	40	10.7&	60.302	N	151.072	W	49					66	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.3 (AEIC), 3.1 (PMR).
	19	19	46	15.8?	6.22	S	148.25	E	33	N	4.2		1.5	7	NEW BRITAIN REGION, P.N.G.
	19	19	50	00.1?	33.88	S	71.81	W	33	N			0.8	8	NEAR COAST OF CENTRAL CHILE. MD 3.4 (SAN).
	19	20	08	08.9*	23.880	N	121.614	E	33	N	3.4		1.2	9	TAIWAN
	19	20	36	19.2	42.272	N	142.967	E	64		5.3		0.8	247	HOKKAIDO, JAPAN REGION. Felt at Obihiro.
	19	21	27	05.1%	42.505	N	12.980	E	10	G			0.8	7	CENTRAL ITALY
	19	21	28	45.3	38.858	N	24.211	E	10	G			0.8	21	AEGEAN SEA. MD 3.4 (ATH), 3.2 (THE).
	19	22	07	45.5?	16.11	S	176.37	W	361	?	4.9		0.7	16	FIJI ISLANDS REGION
	19	22	12	23.8	36.269	N	28.812	E	115	?			0.9	15	DODECANESE ISLANDS. MD 4.1 (HLW), 4.0 (ATH).
	19	22	24	52.6	44.270	N	6.140	E	10	G			0.9	63	FRANCE. ML 3.2 (STR), 3.0 (LDG).
	19	22	30	41.5&	33.974	N	117.156	W	12					20	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	19	23	16	53.9*	52.267	N	169.560	W	33	N	4.0		1.4	18	FOX ISLANDS, ALEUTIAN ISLANDS
	20	00	13	41.3&	63.666	N	147.589	W	86		2.8			57	CENTRAL ALASKA. <AEIC>.
	20	00	24	34.4%	44.117	N	11.186	E	10	G			0.6	5	NORTHERN ITALY
	20	01	44	39.4*	21.668	S	178.866	W	574	*	4.7		1.0	33	FIJI ISLANDS REGION
	20	02	08	24.1	39.597	N	2.451	W	10	G			1.2	20	SPAIN. mbLg 3.8 (MDD).
	20	02	20	19.8	23.902	N	121.464	E	24		4.2		1.4	28	TAIWAN. ML 4.4 (BJI).
	20	02	32	52.2%	44.057	N	11.145	E	10	G			1.1	7	NORTHERN ITALY. MD 2.4 (FIR).
a	20	02	36	36.7	22.218	S	170.508	E	24	D	5.6	5.4	1.1	188	LOYALTY ISLANDS REGION. Mo=1.0*10**18 Nm (PPT).
	20	02	52	01.1*	22.598	S	170.296	E	33	N	4.4		1.7	20	LOYALTY ISLANDS REGION
	20	02	53	09.4?	38.39	N	23.30	E	10	G			0.4	9	GREECE. MD 2.8 (THE).
	20	03	17	21.4	44.109	N	7.827	E	5	G			0.5	12	NORTHERN ITALY. ML 2.2 (LDG), 1.8 (GEN).
	20	04	28	26.8	51.164	N	5.678	E	10	G			1.4	17	THE NETHERLANDS
	20	04	32	13.2	46.715	N	9.560	E	10	G			0.8	19	SWITZERLAND. ML 2.6 (LDG).
	20	04	38	24.0*	22.125	S	170.228	E	29	D	4.9	4.8	1.3	43	LOYALTY ISLANDS REGION
	20	04	41	01.7	51.173	N	5.664	E	10	G			1.4	18	THE NETHERLANDS. ML 2.4 (LDG).
	20	05	55	41.2%	40.674	N	23.104	E	10	G			0.5	8	GREECE
	20	05	56	38.8?	6.68	N	123.92	E	577	*	4.7		1.2	10	MINDANAO, PHILIPPINE ISLANDS
	20	06	06	15.3*	55.379	N	163.705	E	33	N	4.9		1.1	20	OFF EAST COAST OF KAMCHATKA
	20	07	26	59.9*	51.140	N	5.864	E	10	G			1.4	11	THE NETHERLANDS. ML 2.6 (LDG). MD 2.3 (UCC).
	20	07	29	41.9*	26.676	N	95.229	E	47	?	4.6		1.4	13	MYANMAR-INDIA BORDER REGION
	20	07	37	20.4	36.424	N	70.588	E	204	*	4.5		0.9	34	HINDU KUSH REGION, AFGHANISTAN
	20	07	38	33.9	38.683	N	30.269	E	10	G			0.9	12	TURKEY. MG 3.2 (DDA).
	20	07	52	04.3*	7.098	N	73.325	W	137	*	4.4		1.1	16	NORTHERN COLOMBIA
	20	09	55	04.8%	39.117	N	27.556	E	10	G			0.7	5	TURKEY
	20	11	33	56.1?	43.50	N	12.60	E	10	G			0.3	4	CENTRAL ITALY
	20	11	44	29.2*	19.503	N	108.389	W	10	G	4.3		1.2	40	REVILLA GIGEDO ISLANDS REGION
	20	11	58	43.0%	37.074	N	4.089	W	10	G			1.3	5	SPAIN. mbLg 2.6 (MDD).

	20	13	10	00.7?	44.24	N	6.16	E	10	G		0.7	5	FRANCE. ML 2.2 (LDG).
a	20	13	42	56.2	7.533	S	130.165	E	31	D	5.1 4.8	1.1	76	TANIMBAR ISLANDS REG., INDONESIA
	20	14	32	40.2*	31.509	S	68.760	W	181	?		0.7	12	SAN JUAN PROVINCE, ARGENTINA. MD 3.9 (SAN).
	20	15	48	15.4*	19.742	S	177.988	W	589		4.7	1.1	25	FIJI ISLANDS REGION
	20	15	52	18.0	40.661	N	23.106	E	10	G		0.4	9	GREECE. MD 2.2 (THE).
	20	16	07	11.8	38.746	N	21.005	E	10	G		1.4	34	GREECE. MD 3.7 (ATH), 3.4 (THE).
	20	16	10	36.2?	15.21	N	120.60	E	33	N		0.7	4	LUZON, PHILIPPINE ISLANDS
	20	16	16	37.6	24.422	N	120.711	E	16	D	4.8	1.5	76	TAIWAN. ML 5.2 (BJI).
	20	16	50	08.4	50.688	N	6.135	E	10	G		1.4	22	GERMANY. ML 2.7 (LDG), 2.1 (BNS). MD 2.2 (UCC). Felt in the epicentral area.
	20	18	04	59.0	39.537	N	39.859	E	14	D	4.6 4.2	1.2	101	TURKEY. Damage in the Erzincan-Tunceli area.
	20	18	50	28.3	27.256	N	92.077	E	33	N	4.6	1.4	32	EASTERN XIJANG-INDIA BORDER REG. ML 4.6 (BJI).
	20	19	08	42.5*	34.693	N	26.116	E	87	?	4.4	0.8	8	CRETE. MD 3.8 (ATH).
	20	19	13	17.1	44.483	N	28.224	W	10	G	4.8 4.5	1.2	103	NORTHERN MID-ATLANTIC RIDGE
	20	19	22	59.7*	25.842	N	90.569	E	55	*	4.2	1.4	11	INDIA-BANGLADESH BORDER REGION
	20	19	26	34.4%	44.230	N	6.059	E	10	G		0.4	5	FRANCE. ML 2.1 (LDG).
	20	19	52	03.4	50.787	N	6.942	E	10	G		1.4	19	GERMANY. MD 2.4 (UCC). ML 1.9 (BNS).
	20	19	52	41.3%	40.794	N	28.131	E	10	G		0.7	8	TURKEY
	20	20	18	51.5?	32.88	S	72.37	W	10	G		0.7	8	OFF COAST OF CENTRAL CHILE. MD 3.8 (SAN).
	20	21	24	58.3%	40.786	N	28.101	E	10	G		0.5	5	TURKEY
	20	21	31	03.6%	61.112	N	4.148	E	10	G		1.2	10	SOUTHERN NORWAY. MD 2.3 (BER).
	20	21	33	55.4?	15.23	N	97.16	W	33	N	3.0	1.3	5	NEAR COAST OF OAXACA, MEXICO
a	20	21	39	26.0	28.209	S	12.604	W	10	G	4.9 4.9	1.0	24	SOUTHERN MID-ATLANTIC RIDGE
	21	00	01	45.0?	32.34	S	71.73	W	10	G		0.8	8	NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	21	00	04	38.0%	67.776	N	14.706	E	10	G		1.0	5	NORTHERN NORWAY. MD 3.0 (BER).
	21	00	05	57.8?	39.97	N	29.04	E	10	G		1.1	4	TURKEY
	21	00	22	48.3%	40.767	N	28.089	E	10	G		0.5	7	TURKEY
	21	00	39	24.9&	62.827	N	150.144	W	84		2.6		75	CENTRAL ALASKA. <AEIC>.
	21	00	40	24.5?	18.65	N	65.86	W	33	N		0.2	8	PUERTO RICO REGION
	21	03	41	32.5?	6.66	S	146.47	E	110	?	4.4	0.1	5	EASTERN NEW GUINEA REG., P.N.G.
	21	04	03	03.1?	9.75	N	124.91	E	174	?	4.5	1.2	5	MINDANAO, PHILIPPINE ISLANDS
	21	04	33	27.0?	6.34	S	146.51	E	121	?	3.5	0.7	5	EASTERN NEW GUINEA REG., P.N.G.
	21	04	48	10.7&	63.517	N	150.106	W	143		3.1		74	CENTRAL ALASKA. <AEIC>.
	21	04	48	40.6	45.656	N	14.294	E	10	G		0.9	6	NORTHWESTERN BALKAN REGION. MD 2.4 (TRI), 2.3 (LJU).
	21	06	27	35.5?	43.98	N	7.04	E	10	G		0.3	5	NEAR SOUTH COAST OF FRANCE. ML 1.4 (GEN).
	21	08	53	34.6	40.807	N	28.073	E	10	G		0.7	7	TURKEY
	21	08	58	01.4%	40.791	N	28.119	E	10	G		0.9	5	TURKEY
	21	09	02	52.5%	43.071	N	0.595	W	10	G		0.4	8	PYRENEES. ML 1.0 (STR).
	21	10	25	48.5&	63.519	N	150.987	W	9				55	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
	21	10	41	19.3%	41.178	N	28.464	E	10	G		0.5	8	TURKEY
	21	11	07	58.2%	37.696	N	14.810	E	5	G		0.4	6	SICILY
	21	11	15	59.2%	40.779	N	28.083	E	10	G		0.7	8	TURKEY
	21	11	31	26.8*	21.066	S	67.637	W	213	*	4.4	1.0	11	CHILE-BOLIVIA BORDER REGION
	21	11	38	16.2	21.852	N	121.581	E	207		4.3	0.5	15	TAIWAN REGION
	21	11	39	13.3%	40.692	N	15.418	E	10	G		0.8	6	SOUTHERN ITALY
	21	12	49	08.4*	3.659	N	95.466	E	33	N	4.7 4.	1.3	32	OFF W COAST OF NORTHERN SUMATERA
	21	12	58	12.9%	38.294	N	29.637	E	10	G		1.5	6	TURKEY
	21	13	13	14.0%	40.555	N	14.800	E	10	G		0.5	5	SOUTHERN ITALY
	21	13	32	38.5	17.646	N	101.530	W	31	D	4.3	1.2	32	NEAR COAST OF GUERRERO, MEXICO. Felt in Guerrero.
	21	13	41	09.4?	36.12	S	178.95	E	253	?		0.9	31	OFF E. COAST OF N. ISLAND, N.Z.
	21	14	13	33.9&	59.437	N	153.467	W	108				46	SOUTHERN ALASKA. <AEIC>.
	21	14	20	09.9*	50.338	N	19.044	E	10	G		1.4	6	POLAND. ML 3.2 (WAR).
	21	14	52	36.2%	18.271	N	76.776	W	10	G		0.8	7	JAMAICA REGION. MD 2.7 (HOJ).
	21	15	04	14.6?	17.28	N	120.90	E	10	G		1.3	4	LUZON, PHILIPPINE ISLANDS
	21	15	10	44.9%	43.773	N	7.233	E	11			0.7	11	NEAR SOUTH COAST OF FRANCE. ML 2.3 (GEN).
	21	15	17	13.2%	45.339	N	25.349	E	10	G		0.9	6	ROMANIA
	21	16	38	29.3%	44.869	N	7.113	E	5	G		0.4	7	NORTHERN ITALY. ML 1.8 (GEN).
	21	17	42	45.9	34.860	N	26.346	E	25	D	4.5 4.5	1.2	155	CRETE. MD 4.8 (ATH), 4.7 (THE), 4.4 (HLW).
	21	17	50	57.5&	60.417	N	147.719	W	12				49	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	21	18	13	31.2?	16.91	N	100.00	W	10	G		1.3	5	NEAR COAST OF GUERRERO, MEXICO
	21	18	53	35.3*	5.812	S	131.059	E	33	N	4.4	1.0	10	BANDA SEA
	21	21	03	17.0	38.654	N	30.066	E	10	G		0.6	12	TURKEY. MG 3.2 (DDA).
	21	21	05	31.2&	59.835	N	152.335	W	71				42	SOUTHERN ALASKA. <AEIC>.
	21	21	13	18.1	46.694	N	9.539	E	10	G		0.9	10	SWITZERLAND
	21	21	13	32.5	38.413	N	22.312	E	14			1.1	44	GREECE. MD 3.5 (ATH), 3.1 (THE). ML 3.2 (TIR).
	21	21	25	09.8%	37.598	N	14.142	E	10	G		0.5	5	SICILY
	21	22	15	24.7%	43.195	N	18.233	E	10	G		0.6	9	NORTHWESTERN BALKAN REGION. ML 2.2 (TTG).
	21	22	28	04.1	43.257	N	17.980	E	12		3.7	1.2	146	NORTHWESTERN BALKAN REGION. ML 4.3 (VIE), 4.3 (ZAG). MD 4.0 (TTG), 3.9 (THE), 3.8 (ATH).
	21	22	41	32.1*	11.047	S	165.935	E	40	D	4.4	1.2	15	SANTA CRUZ ISLANDS
	21	22	51	47.8?	43.33	N	18.18	E	10	G		0.4	8	NORTHWESTERN BALKAN REGION. ML 1.7 (TTG).
	22	00	18	51.9?	44.46	N	7.34	E	5	G		0.1	4	NORTHERN ITALY. ML 1.3 (GEN).
	22	00	57	50.9%	43.167	N	18.229	E	10	G		0.6	9	NORTHWESTERN BALKAN REGION. ML 1.9 (TTG).
	22	01	01	46.9%	43.197	N	18.216	E	10	G		0.6	9	NORTHWESTERN BALKAN REGION. ML 1.9 (TTG).
	22	01	05	25.8%	37.625	N	14.055	E	33	N		0.6	6	SICILY
	22	01	09	54.6	43.214	N	18.194	E	10	G		0.8	9	NORTHWESTERN BALKAN REGION. ML 2.5 (TIR), 2.0 (TTG).
	22	01	21	33.7%	37.607	N	14.046	E	33	N		0.9	6	SICILY
	22	01	23	34.5?	43.21	N	18.22	E	10	G		0.8	9	NORTHWESTERN BALKAN REGION. ML 2.0 (TTG).
	22	01	30	01.4	44.278	N	6.178	E	10	G		0.6	15	FRANCE. ML 2.3 (LDG).
	22	01	52	09.3	43.733	N	8.477	E	10	G		0.7	24	CORSICA. ML 2.5 (LDG), 2.4 (GEN).
	22	02	27	00.4?	50.22	N	18.96	E	10	G		1.2	4	POLAND. ML 2.9 (WAR).
	22	02	32	06.8	39.121	S	175.493	E	135	*		0.6	27	NORTH ISLAND, NEW ZEALAND
	22	02	40	26.1	38.866	N	26.255	E	10	G		1.0	15	AEGEAN SEA
	22	03	03	52.0	39.532	N	39.718	E	29		4.5 3.5	1.1	89	TURKEY
	22	03	14	51.6?	5.53	S	147.02	E	221	?	4.6	0.7	5	EASTERN NEW GUINEA REG., P.N.G.
	22	04	35	51.6*	6.133	N	127.037	E	98	?	4.6	1.1	15	PHILIPPINE ISLANDS REGION
	22	04	41	44.3*	44.968	N	6.632	E	5	G		0.3	6	FRANCE. ML 1.6 (GEN).
	22	05	20	38.5*	5.307	S	146.430	E	161	D	5.1	1.0	86	EASTERN NEW GUINEA REG., P.N.G.
	22	05	32	26.5%	42.990	N	13.408	E	5	G		1.2	7	CENTRAL ITALY
	22	05	35	43.0%	46.522	N	1.538	E	10	G		0.9	11	FRANCE. ML 2.5 (LDG).
	22	05	40	21.7	50.030	N	18.626	E	10	G		1.2	7	POLAND. ML 3.3 (WAR).
	22	05	42	41.4	42.154	N	21.326	E	10	G		1.0	35	NORTHWESTERN BALKAN REGION. ML 3.3 (SKO), 3.2 (TTG), 2.7 (TIR). MD 2.8 (THE). Felt (V) at Kacanik,

														Yugoslavia.
	22	06	08	49.0	30.968	N	78.242	E	33	N	4.5	1.2	27	NORTHERN INDIA
	22	06	11	13.1•	16.212	N	95.315	W	33	N	3.5	1.5	7	OAXACA, MEXICO
	22	06	18	58.1	42.529	N	19.069	E	12			0.9	44	NORTHWESTERN BALKAN REGION. MD 3.3 (THE). ML 3.4 (TIR), 3.2 (TTG). Felt (IV) in the Podgorica area, Yugoslavia.
	22	06	27	49.0%	42.542	N	19.134	E	10	G		0.5	7	NORTHWESTERN BALKAN REGION. ML 1.2 (TTG).
	22	06	36	46.7&	34.227	N	117.438	W	13				27	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.6 (GS).
	22	06	38	08.0%	42.544	N	19.095	E	10	G		0.5	9	NORTHWESTERN BALKAN REGION. ML 1.7 (TTG).
	22	06	42	19.0&	59.694	N	152.017	W	61				51	SOUTHERN ALASKA. <AEIC>. ML 2.7 (AEIC).
	22	06	48	11.8•	37.142	N	28.115	E	10	G		0.9	7	TURKEY
	22	07	46	27.0•	6.533	S	147.539	E	79	•	4.7	1.2	12	EASTERN NEW GUINEA REG., P.N.G.
	22	08	17	52.8%	42.538	N	19.088	E	10	G		0.4	9	NORTHWESTERN BALKAN REGION. ML 1.7 (TTG).
	22	08	35	10.4•	21.297	S	68.849	W	126	•	4.2	1.4	15	CHILE-BOLIVIA BORDER REGION
	22	09	14	05.8?	7.18	S	129.66	E	152	?	4.7	0.2	6	BANDA SEA
	22	10	55	51.1?	16.48	N	120.82	E	10	G		1.3	4	LUZON, PHILIPPINE ISLANDS
	22	11	00	26.6	17.134	N	96.582	W	64	D	4.8	0.9	134	OAXACA, MEXICO. Felt at Oaxaca.
	22	11	25	25.6•	39.687	N	30.070	E	10	G		0.3	6	TURKEY. MG 2.6 (DDA).
	22	11	58	09.1%	42.547	N	19.118	E	10	G		0.5	9	NORTHWESTERN BALKAN REGION. ML 1.6 (TTG).
	22	11	58	09.7	6.008	S	151.364	E	10	G	5.0 4.5	1.3	58	NEW BRITAIN REGION, P.N.G. ML 5.0 (PMG).
	22	11	59	34.5	45.024	N	126.201	W	10	G		0.4	43	OFF COAST OF OREGON
	22	12	03	52.4?	18.46	N	65.78	W	33	N		0.3	7	PUERTO RICO REGION
	22	12	34	12.0&	57.814	N	137.991	W	10	G			5	OFF COAST OF SOUTHEASTERN ALASKA. <AEIC>. ML 2.8 (AEIC).
	22	12	35	36.7?	8.69	S	118.77	E	190	?	4.9	1.1	11	SUMBAWA REGION, INDONESIA
	22	12	50	51.2	32.272	S	70.072	W	113	?		0.5	13	CHILE-ARGENTINA BORDER REGION. MD 3.8 (SAN).
	22	12	54	11.4%	39.066	N	27.619	E	10	G		0.5	5	TURKEY
	22	13	10	28.8%	43.074	N	0.626	W	10	G		0.1	6	PYRENEES. ML 1.0 (STR).
	22	13	42	42.6%	43.242	N	18.205	E	10	G		0.5	8	NORTHWESTERN BALKAN REGION. ML 2.0 (TTG).
	22	14	36	12.4?	10.84	N	60.68	W	33	N	3.4	1.1	6	TRINIDAD. MD 3.2 (TRN).
	22	15	30	59.2•	66.986	N	21.052	E	10	G		1.0	6	SWEDEN. MD 2.8 (BER).
	22	15	33	14.2%	43.136	N	12.620	E	5	G		0.5	7	CENTRAL ITALY
	22	16	21	02.8	36.057	N	139.937	E	65		4.5	0.8	18	EASTERN HONSHU, JAPAN
	22	16	51	42.5	50.436	N	16.395	E	5	•		1.2	8	POLAND. ML 3.8 (VIE).
	22	16	52	56.1&	36.157	N	120.213	W	10				24	CENTRAL CALIFORNIA. <BRK>. ML 3.5 (BRK), 3.6 (GS).
	22	17	03	18.4	40.445	N	29.721	E	10	G		0.5	10	TURKEY. MG 2.7 (DDA).
	22	17	06	57.8•	18.503	N	145.736	E	175	•	5.1	0.4	14	MARIANA ISLANDS
	22	17	11	47.9%	43.444	N	13.194	E	5	G		0.3	5	CENTRAL ITALY
	22	17	39	38.8?	60.71	N	5.49	E	10	G		0.8	4	SOUTHERN NORWAY. MD 1.6 (BER).
	22	17	57	36.2%	40.384	N	28.864	E	10	G		0.4	6	TURKEY
	22	18	46	23.9%	42.280	N	18.934	E	10	G		0.2	9	NORTHWESTERN BALKAN REGION. ML 1.7 (TTG).
a	22	19	20	51.2	6.091	S	151.354	E	45	D	5.3 4.7	1.0	188	NEW BRITAIN REGION, P.N.G.
	22	19	23	35.4?	38.89	N	16.49	E	10	G		0.5	4	SOUTHERN ITALY
	22	19	59	38.1•	39.511	N	67.672	E	33	N	4.6 3.9	1.5	24	SOUTHEASTERN UZBEKISTAN
	22	20	09	30.5%	43.105	N	12.616	E	10	G		0.4	5	CENTRAL ITALY
	22	20	37	27.9•	46.057	N	16.248	E	5	G		0.7	10	NORTHWESTERN BALKAN REGION. ML 2.7 (ZAG). MD 2.8 (TRI). Felt at Zelina, Croatia.
	22	20	47	04.6?	15.81	N	59.98	W	33	N		0.8	6	LEEWARD ISLANDS. ML 2.8 (FDF).
	22	21	09	23.6?	31.57	S	69.60	W	129	?		0.6	6	SAN JUAN PROVINCE, ARGENTINA
	22	21	11	04.2?	43.12	N	12.62	E	5	G		0.4	4	CENTRAL ITALY
a	22	21	43	13.0•	60.776	S	22.815	W	33	N	5.1	1.1	19	SOUTH SANDWICH ISLANDS REGION
	22	21	55	36.8%	40.932	N	23.509	E	10	G		0.3	7	GREECE. MD 2.4 (THE).
	22	22	16	51.6•	28.463	S	70.686	W	82	•		1.2	23	CENTRAL CHILE. Felt (III) at Copiapo, Tierra Amarilla, Vallenar, Guasco, Ireirina and Alto del Carmen.
	22	22	54	57.3?	18.48	N	65.74	W	33	N		0.2	7	PUERTO RICO REGION
	22	23	30	52.9?	71.76	N	2.05	W	10	G		0.3	7	JAN MAYEN ISLAND REGION. MD 2.8 (BER).
	22	23	41	20.0	4.974	S	75.992	W	125	D	4.6	0.9	43	NORTHERN PERU
	23	00	07	13.7	51.595	N	130.630	W	10	G	4.3 4.8	1.1	47	QUEEN CHARLOTTE ISLANDS REGION. ML 4.2 (PGC).
	23	00	17	52.2•	6.008	S	151.402	E	41	•	4.6	0.8	8	NEW BRITAIN REGION, P.N.G.
	23	00	28	34.9	51.291	N	131.105	W	10	G	4.2	1.3	49	QUEEN CHARLOTTE ISLANDS REGION. ML 4.1 (PGC). Small precursor about 10 seconds prior to the main event.
	23	01	43	54.9?	6.12	S	151.76	E	33	N	4.3	1.6	6	NEW BRITAIN REGION, P.N.G.
	23	01	53	03.5•	6.090	S	151.487	E	42	•	4.7	1.0	13	NEW BRITAIN REGION, P.N.G.
	23	01	55	30.0	40.929	N	23.516	E	10	G		0.3	8	GREECE. MD 2.4 (THE).
	23	02	21	17.5%	40.920	N	23.490	E	10	G		0.6	7	GREECE. MD 2.1 (THE).
	23	02	25	29.8&	33.957	N	116.317	W	12				36	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.6 (PAS), 4.6 (GS). Felt in the Palm Springs area.
	23	02	46	24.2%	28.343	S	67.513	W	154	?		0.9	7	LA RIOJA PROVINCE, ARGENTINA
	23	03	19	08.9%	40.959	N	23.481	E	10	G		0.1	5	GREECE. MD 1.7 (THE).
	23	03	24	21.9?	34.33	N	27.54	E	33	N		0.8	6	EASTERN MEDITERRANEAN SEA
	23	03	48	09.7%	40.942	N	23.491	E	10	G		0.4	6	GREECE. MD 1.9 (THE).
	23	03	55	24.0%	40.921	N	23.555	E	10	G		0.6	5	GREECE. MD 1.4 (THE).
	23	04	17	18.0?	24.38	S	175.48	W	40	G	4.8	1.5	6	SOUTH OF TONGA ISLANDS
	23	04	20	16.1%	40.905	N	23.559	E	10	G		0.7	6	GREECE. MD 1.7 (THE).
	23	04	48	41.3•	51.594	N	130.553	W	10	G	4.0	1.1	10	QUEEN CHARLOTTE ISLANDS REGION
f	23	04	50	23.2&	33.961	N	116.318	W	12		5.7 6.3		392	SOUTHERN CALIFORNIA. <PAS-P>. ML 6.1 (PAS). Mo=5.0•10••18 Nm (PPT). Thirty-two people were treated for minor injuries. Light to moderate damage (VII) at Joshua Tree and (VI) at Angelus Oaks, Banning, Cathedral City, Coachella, Desert Hot Springs, Indio, Palm Desert, Palm Springs, Pioneertown, Rancho Mirage, Twentynine Palms and Yucca Valley. Felt strongly in many parts of southern California. Felt from San Diego, California to Las Vegas, Nevada and from Santa Barbara, California to Yuma, Arizona. Also felt at Phoenix, Arizona and in Baja California, Mexico. Complex event observed on broadband displacement seismograms.
	23	05	06	15.9%	40.169	N	20.770	E	10	G		1.2	6	GREECE-ALBANIA BORDER REGION. MD 2.4 (THE).
	23	05	10	09.3&	34.012	N	116.325	W	3				32	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.6 (GS).
	23	05	21	53.1•	17.440	N	61.219	W	10	G		0.8	9	LEEWARD ISLANDS. MD 2.8 (TRN).
	23	05	22	18.5&	34.062	N	116.325	W	11				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (GS).
	23	05	23	16.1&	33.943	N	116.325	W	5				18	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.0 (GS).
	23	05	31	57.8•	34.120	N	116.539	W	10	G		1.5	5	SOUTHERN CALIFORNIA. ML 3.5 (GS).
a	23	05	40	11.3	51.486	N	130.907	W	10	G	5.0 5.8	1.1	149	QUEEN CHARLOTTE ISLANDS REGION. ML 5.1 (PGC).

	23	05	58	07.9&	33.977	N	116.233	W	3				8	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.5 (GS).
	23	06	04	12.9	51.533	N	130.913	W	10	G	4.3	0.9	81	QUEEN CHARLOTTE ISLANDS REGION. ML 4.0 (PGC).
	23	06	06	43.0&	33.960	N	116.324	W	9				7	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.1 (GS).
	23	06	11	55.3&	34.028	N	116.321	W	10				14	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.6 (PAS), 3.3 (GS).
	23	06	13	40.0?	38.57	N	27.05	E	10	G		0.5	4	TURKEY
	23	06	17	32.4&	33.950	N	116.318	W	6				3	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS).
	23	06	27	41.8&	33.978	N	116.334	W	2				5	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 2.9 (GS).
	23	06	36	28.8&	34.048	N	116.339	W	10				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.3 (GS).
	23	06	40	14.2&	33.952	N	116.316	W	6				17	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.8 (PAS), 3.6 (GS).
	23	06	50	28.7&	33.988	N	116.291	W	4				11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (GS).
	23	06	56	05.1?	33.92	N	116.43	W	10	G		0.1	4	SOUTHERN CALIFORNIA. ML 2.5 (GS).
	23	06	59	10.9&	34.095	N	116.270	W	0				5	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 2.8 (GS).
	23	07	04	05.8%	40.956	N	23.500	E	10	G		0.4	5	GREECE. MD 1.6 (THE).
	23	07	40	24.0&	34.036	N	116.236	W	8				7	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 3.0 (GS).
	23	07	43	01.1&	33.967	N	116.326	W	8				4	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	23	07	47	11.8&	33.996	N	116.326	W	6				7	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.2 (GS).
	23	07	55	33.0&	33.930	N	116.330	W	6	G			7	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.1 (PAS). ML 2.9 (GS).
	23	08	15	03.4?	5.17	S	153.47	E	74	?	3.9	1.2	5	NEW IRELAND REGION, P.N.G.
	23	08	16	51.9*	33.942	N	116.250	W	10	G		0.4	5	SOUTHERN CALIFORNIA. ML 2.8 (GS). MD 2.8 (PAS).
	23	08	26	01.0	33.996	N	116.321	W	10	G		1.1	7	SOUTHERN CALIFORNIA. ML 2.8 (GS). MD 2.8 (PAS).
	23	08	33	40.0&	34.033	N	116.337	W	6	G			15	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.5 (PAS). ML 3.6 (GS).
	23	08	47	19.0&	33.933	N	116.333	W	6	G			13	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.4 (PAS). ML 3.6 (GS).
	23	09	05	25.2%	40.643	N	23.001	E	10	G		0.9	6	GREECE. MD 1.6 (THE).
	23	09	11	41.0&	33.923	N	116.332	W	6	G			9	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.5 (PAS). ML 3.5 (GS).
	23	09	27	22.3?	34.06	N	116.32	W	10	G		0.1	4	SOUTHERN CALIFORNIA. ML 2.9 (GS). MD 2.8 (PAS).
	23	09	28	32.2?	44.40	N	7.42	E	5	G		0.1	4	NORTHERN ITALY. ML 1.5 (GEN).
	23	09	45	36.2&	61.453	N	151.563	W	72		2.2		69	SOUTHERN ALASKA. <AEIC>.
	23	09	46	34.0&	33.860	N	116.347	W	6	G			8	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.3 (PAS). ML 3.1 (GS).
	23	09	54	58.7%	43.680	N	6.997	E	5	G		0.2	6	NEAR SOUTH COAST OF FRANCE
	23	09	56	25.4*	33.990	N	116.403	W	10	G		0.4	6	SOUTHERN CALIFORNIA. ML 2.5 (GS). MD 3.0 (PAS).
	23	09	58	09.0&	34.037	N	116.303	W	6	G			11	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.6 (PAS). ML 3.4 (GS).
	23	10	00	59.4	34.011	N	116.249	W	10	G		0.6	8	SOUTHERN CALIFORNIA. ML 3.1 (GS). MD 3.2 (PAS).
	23	10	09	41.5*	34.054	N	116.255	W	10	G		0.6	6	SOUTHERN CALIFORNIA. ML 2.8 (GS). MD 2.7 (PAS).
	23	10	12	49.8%	43.703	N	6.825	E	5	G		0.6	11	NEAR SOUTH COAST OF FRANCE
	23	10	30	24.5*	33.952	N	116.431	W	10	G		0.6	6	SOUTHERN CALIFORNIA. ML 2.7 (GS). MD 2.6 (PAS).
	23	11	10	56.3?	53.17	N	162.98	E	33	N	4.4	1.0	6	OFF EAST COAST OF KAMCHATKA
	23	11	31	06.5*	33.974	N	116.335	W	10	G		0.6	6	SOUTHERN CALIFORNIA. ML 2.6 (GS).
	23	11	31	20.3*	51.227	N	16.003	E	10	G		1.2	5	POLAND. MG 3.2 (WAR).
	23	11	38	53.0&	33.958	N	116.313	W	6	G			11	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.5 (PAS). ML 3.7 (GS).
	23	11	58	39.9*	34.083	N	116.338	W	10	G		0.8	5	SOUTHERN CALIFORNIA. ML 2.8 (GS).
	23	12	16	46.0&	33.930	N	116.328	W	6	G			11	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.4 (PAS). ML 3.4 (GS).
a	23	12	21	17.2	29.429	N	131.364	E	40	G	5.8 5.3	1.0	326	SOUTHEAST OF RYUKYU ISLANDS. Depth from broadband displacement seismograms.
	23	12	35	16.0&	33.933	N	116.335	W	6	G			10	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.1 (PAS). ML 3.2 (GS).
	23	13	10	02.1*	39.906	N	29.037	E	10	G		0.4	5	TURKEY
	23	13	35	19.7%	33.594	S	70.601	W	80	G		0.3	6	CHILE-ARGENTINA BORDER REGION
	23	13	35	57.4&	33.943	N	116.312	W	1				18	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.7 (GS).
	23	13	47	53.4*	34.069	N	116.242	W	10	G		1.1	6	SOUTHERN CALIFORNIA. ML 2.6 (PAS).
	23	14	01	06.7*	33.939	N	116.402	W	10	G		0.3	5	SOUTHERN CALIFORNIA. ML 3.0 (GS). MD 2.7 (PAS).
	23	14	10	28.5?	29.52	S	72.48	W	33	N		1.2	7	OFF COAST OF CENTRAL CHILE
f	23	14	18	35.1	22.437	N	98.904	E	12	D	5.8 6.1	1.1	358	MYANMAR-CHINA BORDER REGION. Mo=3.2*10**18 Nm (PPT). Felt strongly in Yunnan Province, China. Felt in northern Thailand and by people in tall buildings in Bangkok, Thailand. Also felt in Myanmar. Complex event observed on broadband displacement seismograms.
	23	14	27	29.6*	33.945	N	116.264	W	10	G		0.6	6	SOUTHERN CALIFORNIA. ML 2.7 (GS). MD 2.9 (PAS).
	23	14	36	22.2%	43.196	N	18.214	E	10	G		0.6	9	NORTHWESTERN BALKAN REGION. ML 2.0 (TTG).
	23	14	43	58.0&	34.027	N	116.352	W	6	G			10	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.2 (PAS). ML 3.1 (GS).
	23	14	49	22.8*	33.978	N	116.330	W	10	G		0.6	6	SOUTHERN CALIFORNIA. ML 2.9 (GS). MD 3.2 (PAS).
	23	15	11	33.8?	34.08	N	116.30	W	10	G		0.4	4	SOUTHERN CALIFORNIA. ML 2.6 (GS). MD 2.9 (PAS).
	23	15	20	11.0*	21.244	S	68.905	W	133	*	4.3	1.3	10	CHILE-BOLIVIA BORDER REGION
a	23	15	32	49.1	22.418	N	98.852	E	10	D	5.9 6.3	1.1	406	MYANMAR-CHINA BORDER REGION. Mo=4.0*10**18 Nm (PPT). One child injured and slight damage in Yunnan Province, China. Felt in northern Thailand and by people in tall buildings in Bangkok, Thailand. Also felt in Myanmar.
	23	15	36	29.5%	44.544	N	7.260	E	10	G		0.3	7	NORTHERN ITALY. ML 1.6 (GEN).
	23	16	07	45.8?	31.01	S	116.81	E	10	G	3.3	1.0	4	WESTERN AUSTRALIA
	23	16	19	00.8*	50.197	N	7.004	E	10	G		0.9	6	GERMANY
	23	16	32	14.1*	51.518	N	130.963	W	10	G	4.3	1.7	27	QUEEN CHARLOTTE ISLANDS REGION. ML 4.4 (PGC).
	23	16	43	15.0&	33.983	N	116.333	W	6	G			8	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.1 (PAS). ML 3.1 (GS).
	23	16	44	54.0	45.557	N	26.541	E	149		4.3	1.1	123	ROMANIA. MD 4.6 (THE). Felt at Bucharest.
	23	16	55	39.4*	33.952	N	116.368	W	10	G		0.7	6	SOUTHERN CALIFORNIA. ML 2.7 (GS). MD 2.9 (PAS).
	23	17	15	02.7	22.309	N	98.856	E	33	N	4.7	1.2	51	MYANMAR-CHINA BORDER REGION
	23	17	38	50.1*	22.246	N	99.290	E	33	N	4.2	1.3	11	MYANMAR-CHINA BORDER REGION. ML 4.3 (BJI).
	23	17	45	06.2*	33.997	N	116.299	W	10	G		0.9	6	SOUTHERN CALIFORNIA. ML 2.7 (GS). MD 2.6 (PAS).
	23	17	55	18.0?	59.09	N	5.89	E	10	G		0.7	4	SOUTHERN NORWAY. MD 1.8 (BER).
	23	18	01	48.4&	34.026	N	116.333	W	1				8	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 2.9 (GS).
	23	18	06	40.7&	33.988	N	116.257	W	3				15	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.7 (PAS), 3.7 (GS).
	23	18	18	11.6	22.303	N	98.997	E	33	N	4.8 4.5	1.5	47	MYANMAR-CHINA BORDER REGION. ML 5.2 (BJI).
	23	18	19	34.3%	38.815	N	15.304	E	30	*		1.3	7	SICILY
	23	18	20	14.1	33.994	N	116.402	W	10	G		0.8	14	SOUTHERN CALIFORNIA. ML 3.9 (GS). MD 3.7 (PAS).
	23	18	22	14.2%	39.355	N	23.123	E	26			0.5	9	AEGEAN SEA. MD 2.5 (THE).

	23	18	54	15.3?	33.91	N	116.27	W	10	G		0.1	4	SOUTHERN CALIFORNIA. ML 2.4 (GS). MD 2.6 (PAS).
	23	18	56	03.0&	33.991	N	116.284	W	3				23	SOUTHERN CALIFORNIA. <PAS-P>. MD 4.4 (PAS). ML 4.0 (GS).
	23	19	09	01.0•	33.946	N	116.376	W	10	G		0.6	5	SOUTHERN CALIFORNIA. ML 2.6 (GS). MD 2.8 (PAS).
	23	19	33	40.0&	34.137	N	116.338	W	6	G			9	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.4 (PAS).
	23	19	40	42.7%	39.516	N	16.451	E	10	G		0.3	6	SOUTHERN ITALY
	23	19	48	59.7&	62.477	N	150.739	W	84		4.8		203	CENTRAL ALASKA. <AEIC>. Felt (III) at Anchorage, Palmer, Talkeetna and Wasilla.
	23	19	50	06.0&	33.945	N	116.337	W	6	G			10	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.3 (PAS). ML 3.1 (GS).
	23	20	04	22.5%	33.856	S	70.853	W	80	G		0.3	7	CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
	23	20	04	24.0•	34.031	N	116.380	W	10	G		0.5	6	SOUTHERN CALIFORNIA. ML 3.0 (GS). MD 2.7 (PAS).
	23	20	26	22.3•	21.510	N	121.029	E	33	N	4.0	1.4	9	TAIWAN REGION
	23	21	21	47.3?	10.87	N	62.22	W	33	N		1.0	6	NEAR COAST OF VENEZUELA. MD 3.5 (TRN).
	23	22	01	30.5?	18.80	N	76.48	W	10	G		0.5	6	JAMAICA REGION. MD 3.3 (HOJ).
	23	22	29	47.1&	34.029	N	116.328	W	6				7	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 3.0 (GS).
	23	22	52	46.8&	40.205	N	124.148	W	16				7	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.3 (BRK).
	23	22	55	56.2	33.963	N	116.394	W	10	G		0.9	14	SOUTHERN CALIFORNIA. ML 3.6 (GS). MD 3.8 (PAS).
	23	23	02	39.0&	37.353	N	121.735	W	6				15	CENTRAL CALIFORNIA. <BRK>. ML 2.9 (BRK). Smaller event about 15 seconds later.
	23	23	11	38.6	37.332	N	28.138	E	30		3.8	0.7	50	TURKEY. MD 4.3 (THE). ML 4.2 (CSS).
	23	23	16	12.7&	33.979	N	116.332	W	2				4	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.4 (PAS).
	23	23	22	30.5&	33.994	N	116.333	W	6				7	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	23	23	27	37.9&	33.967	N	116.276	W	6				4	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.6 (GS).
	23	23	29	14.1&	33.979	N	116.269	W	5				4	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.6 (GS).
	23	23	52	40.0&	33.978	N	116.262	W	6	G			17	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.8 (PAS). ML 3.9 (GS).
	24	00	09	14.4&	62.033	N	150.349	W	10				55	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC).
	24	00	15	27.4	40.535	N	20.666	E	5	G		0.9	13	GREECE-ALBANIA BORDER REGION. MD 2.6 (THE).
	24	00	18	34.8?	30.39	S	177.25	W	33	N	4.5	1.5	9	KERMADEC ISLANDS, NEW ZEALAND
	24	00	49	39.6%	44.067	N	6.097	E	10	G		0.3	6	FRANCE. ML 2.3 (LDG).
	24	00	55	20.6	19.338	S	169.417	E	247		4.7	1.2	65	VANUATU ISLANDS
	24	01	03	29.9	34.020	N	116.295	W	10	G		0.5	10	SOUTHERN CALIFORNIA. ML 3.0 (GS). MD 3.2 (PAS).
	24	01	11	57.8%	15.294	N	60.949	W	33	N		0.9	6	LEEWARD ISLANDS. ML 2.8 (FDF).
	24	01	19	59.8	45.361	N	151.491	E	17	D	5.2 4.8	0.9	172	KURIL ISLANDS
	24	01	58	10.0•	34.068	N	116.378	W	10	G		0.4	5	SOUTHERN CALIFORNIA. ML 2.5 (GS). MD 2.8 (PAS).
	24	02	40	04.4•	33.994	N	116.298	W	10	G		0.8	6	SOUTHERN CALIFORNIA. ML 2.6 (GS). MD 2.8 (PAS).
	24	03	00	02.0&	33.912	N	116.332	W	6	G			10	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.4 (PAS). ML 3.1 (GS).
o	24	03	24	01.1	3.516	S	144.849	E	23	D	5.6 5.2	1.1	72	NEAR N COAST OF NEW GUINEA, PNG.
	24	03	29	59.0&	34.013	N	116.338	W	6	G			11	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.5 (PAS). ML 3.6 (GS).
	24	03	34	19.4%	40.483	N	23.618	E	10	G		0.5	8	GREECE. MD 1.9 (THE).
	24	04	23	02.2•	42.495	N	145.135	E	58	?	4.1	1.0	10	HOKKAIDO, JAPAN REGION
	24	04	29	36.9	34.019	N	116.260	W	10	G		0.2	6	SOUTHERN CALIFORNIA. ML 2.6 (GS).
	24	04	45	59.9%	43.311	N	19.926	E	10	G		0.5	9	NORTHWESTERN BALKAN REGION. ML 2.8 (TTG).
	24	05	13	56.6?	31.28	S	68.87	W	125	?		0.6	7	SAN JUAN PROVINCE, ARGENTINA
	24	05	26	52.5?	3.76	S	144.64	E	33	N	4.4	0.7	5	NEAR N COAST OF NEW GUINEA, PNG.
	24	05	43	57.3•	52.767	N	176.024	W	33	N	4.4	1.4	15	ANDREANOF ISLANDS, ALEUTIAN IS.
	24	05	47	41.0&	34.020	N	116.338	W	6	G			9	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.0 (PAS). ML 3.1 (GS).
	24	06	19	10.0•	34.061	N	116.238	W	10	G		0.3	6	SOUTHERN CALIFORNIA. ML 2.8 (GS). MD 2.9 (PAS).
	24	06	33	22.4?	48.92	S	121.46	E	10	G	4.8	1.1	12	SOUTH OF AUSTRALIA
	24	06	52	01.6•	10.950	N	69.580	W	10	G	4.6	1.3	9	VENEZUELA
f	24	07	07	23.9	27.550	N	66.065	E	25	G	5.9 6.1	1.0	404	PAKISTAN. Mo=2.0•10••18 Nm (PPT). Felt in the Nal area and at Peshawar. Depth from broadband displacement seismograms.
	24	07	13	40.0&	33.998	N	116.347	W	6	G			10	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.3 (PAS). ML 3.2 (GS).
	24	07	32	57.0&	33.932	N	116.318	W	6	G			10	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.6 (PAS). ML 3.1 (GS).
	24	07	51	06.7&	62.921	N	150.836	W	107				69	CENTRAL ALASKA. <AEIC>.
	24	07	59	20.7•	17.945	N	68.586	W	33	N	3.7	1.2	13	MONA PASSAGE
	24	08	02	16.4•	34.057	N	116.386	W	10	G		0.3	5	SOUTHERN CALIFORNIA. MD 2.8 (PAS).
	24	08	35	40.4&	59.359	N	153.089	W	83				37	SOUTHERN ALASKA. <AEIC>.
	24	08	52	52.4?	39.07	N	27.65	E	10	G		0.7	4	TURKEY
	24	09	15	20.5?	39.17	N	27.76	E	10	G		0.5	5	TURKEY
	24	09	22	05.2&	33.874	N	116.294	W	0				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 2.8 (GS).
	24	09	42	38.2&	34.023	N	116.332	W	2				9	SOUTHERN CALIFORNIA. <PAS-P>> ML 3.1 (PAS), 3.1 (GS).
	24	09	43	52.4	39.837	S	174.829	E	120	•		0.7	28	NORTH ISLAND, NEW ZEALAND
	24	10	35	26.4	51.152	N	5.967	E	10	G		0.2	6	THE NETHERLANDS. MD 2.4 (UCC).
	24	11	24	48.0&	33.948	N	116.355	W	6	G			9	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.2 (PAS). ML 3.1 (GS).
	24	11	49	12.3	23.768	N	121.660	E	18		4.7	1.0	67	TAIWAN. ML 5.1 (BJI).
	24	12	36	05.7	33.946	N	116.379	W	10	G	4.2	0.9	28	SOUTHERN CALIFORNIA. ML 3.9 (GS), 4.1 (PAS).
	24	12	49	01.7•	28.911	S	69.207	W	162	?		0.4	7	CHILE-ARGENTINA BORDER REGION
o	24	12	51	54.1	8.391	N	141.009	E	44	D	5.5 5.1	1.1	142	WESTERN CAROLINE ISLANDS. Mo=7.9•10••17 Nm (PPT).
	24	13	02	29.4	37.769	S	176.506	E	225	•		0.6	26	NORTH ISLAND, NEW ZEALAND
	24	13	12	40.1	9.658	S	79.731	W	33	N	4.8	0.9	40	OFF COAST OF NORTHERN PERU
	24	13	13	14.4&	34.032	N	116.331	W	1				8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.7 (GS).
	24	13	46	17.2%	40.223	N	23.312	E	10	G		0.4	6	GREECE
	24	14	20	47.6&	33.931	N	116.364	W	5				5	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.4 (GS).
	24	14	22	24.7?	44.06	N	12.02	E	10	G		0.7	0	NORTHERN ITALY
	24	14	42	36.4	19.523	N	64.663	W	22		4.3	1.1	26	VIRGIN ISLANDS. MD 4.6 (TRN).
	24	15	39	06.2%	40.485	N	23.628	E	12			0.7	8	GREECE. MD 2.2 (THE).
	24	15	47	25.5?	14.73	N	60.91	W	10	G		0.2	4	WINDWARD ISLANDS. ML 1.6 (FDF).
	24	15	55	36.6•	66.921	N	20.900	E	10	G		0.6	5	SWEDEN. MD 2.9 (BER).
	24	15	56	09.4	33.922	N	116.291	W	10	G		0.4	7	SOUTHERN CALIFORNIA. ML 2.6 (GS). MD 2.8 (PAS).
	24	16	01	05.5&	34.126	N	116.269	W	3				7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.8 (GS).
	24	16	17	00.0&	33.827	N	116.303	W	6	G			15	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.1 (PAS). ML 3.5 (GS).
	24	17	20	53.8	43.287	N	18.149	E	10	G		0.8	10	NORTHWESTERN BALKAN REGION. ML 2.2 (TTG).
o	24	17	38	53.1	9.028	S	109.735	W	10	G	5.2 5.7	1.0	101	CENTRAL EAST PACIFIC RISE

	24	18	12	26.8?	36.61	S	71.18	W	180	G			0.3	10	CENTRAL CHILE. MD 4.0 (SAN).
	24	18	46	31.6	5.931	S	151.158	E	45	•	4.9		0.9	32	NEW BRITAIN REGION, P.N.G.
	24	19	12	58.0&	33.998	N	116.347	W	6	G				7	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.0 (PAS). ML 2.9 (GS).
	24	19	18	25.1•	33.902	N	116.289	W	10	G			0.4	6	SOUTHERN CALIFORNIA. ML 3.0 (GS). MD 3.1 (PAS).
	24	19	24	00.2&	63.244	N	151.103	W	5					76	CENTRAL ALASKA. <AEIC>. ML 3.5 (AEIC), 3.5 (PMR).
	24	19	31	00.3&	34.023	N	116.315	W	6					7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.6 (GS).
	24	19	57	31.0&	33.920	N	116.327	W	6	G				12	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.5 (PAS). ML 3.3 (GS).
	24	20	16	07.6?	14.70	N	61.17	W	10	G			0.2	4	WINDWARD ISLANDS. MG 2.5 (FDF).
	24	20	39	55.0	33.933	N	116.289	W	10	G			0.6	8	SOUTHERN CALIFORNIA. ML 2.6 (GS). MD 2.6 (PAS).
	24	20	43	31.5?	48.44	N	1.59	W	10	G			1.4	9	FRANCE. ML 2.8 (LDG).
	24	20	52	04.8	15.614	N	60.523	W	10	G			0.9	25	LEEWARD ISLANDS. MD 3.6 (TRN). ML 3.5 (FDF).
	24	20	56	19.6%	39.471	N	28.728	E	10	G			0.4	5	TURKEY
	24	21	07	21.5?	33.15	S	70.33	W	120	G			0.2	6	CHILE-ARGENTINA BORDER REGION
	24	21	09	43.3%	48.443	N	1.229	W	10	G			1.2	5	FRANCE. ML 2.2 (LDG).
	24	21	09	50.8&	33.975	N	116.298	W	2					6	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
	24	21	31	43.6	42.733	N	18.137	E	10	G			0.6	10	NORTHWESTERN BALKAN REGION. ML 2.1 (TTG).
	24	22	02	34.7%	33.944	S	71.466	W	33	N			0.2	6	NEAR COAST OF CENTRAL CHILE
	24	22	14	33.0•	9.747	S	79.758	W	33	N	4.9		1.1	27	OFF COAST OF NORTHERN PERU
	24	22	36	35.4?	48.44	N	1.38	W	10	G			0.1	4	FRANCE. ML 1.6 (LDG).
	24	22	46	39.4?	0.70	S	132.64	E	33	N	4.5		1.0	5	IRIAN JAYA REGION, INDONESIA
	24	23	27	20.0&	33.983	N	116.333	W	6	G				11	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.2 (PAS). ML 3.1 (GS).
	24	23	46	45.1	38.905	N	26.196	E	10	G			0.7	31	AEGEAN SEA. ML 3.5 (ATH). MD 3.5 (THE).
	24	23	48	34.2&	61.054	N	150.919	W	5					47	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	25	01	27	38.4&	33.981	N	116.264	W	6					5	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.5 (PAS).
	25	01	29	09.9•	6.430	S	147.663	E	65	•	4.5		0.9	16	EASTERN NEW GUINEA REG., P.N.G.
	25	01	45	08.9	36.441	N	70.634	E	225	•	4.2		1.1	30	HINDU KUSH REGION, AFGHANISTAN
	25	02	01	48.6	38.573	S	175.733	E	204	•			0.5	30	NORTH ISLAND, NEW ZEALAND
	25	02	13	42.7&	33.930	N	116.311	W	1					10	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (GS).
	25	02	14	27.0&	33.931	N	116.308	W	0					2	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.0 (GS).
	25	02	30	37.4	24.735	S	175.707	W	36	D	5.2	4.6	1.0	49	SOUTH OF TONGA ISLANDS
	25	03	08	00.8%	44.714	N	7.716	E	5	G			1.0	6	NORTHERN ITALY. ML 2.0 (GEN).
	25	03	38	03.4•	51.804	N	178.015	E	140	•	4.2		1.0	17	RAT ISLANDS, ALEUTIAN ISLANDS
	25	04	21	59.1&	34.017	N	116.327	W	5					4	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.5 (PAS).
	25	04	25	45.3•	10.248	S	80.208	W	33	N	3.7		1.0	11	OFF COAST OF PERU
	25	04	32	01.6•	5.584	S	130.565	E	33	N	4.7		0.8	9	BANDA SEA
	25	04	40	53.0&	34.036	N	116.318	W	6	G				11	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.0 (PAS). ML 3.0 (GS).
	25	05	40	03.0&	33.830	N	116.307	W	6	G				15	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.4 (PAS). ML 3.4 (GS).
	25	06	05	59.6•	34.007	N	116.326	W	10	G			0.5	5	SOUTHERN CALIFORNIA. ML 2.4 (GS). MD 2.5 (PAS).
	25	06	25	03.4•	34.041	N	116.273	W	10	G			1.2	9	SOUTHERN CALIFORNIA. ML 2.7 (GS).
	25	06	26	52.9?	33.85	N	116.42	W	10	G			0.9	4	SOUTHERN CALIFORNIA. MD 2.6 (PAS).
	25	06	48	43.4	64.659	N	17.366	W	10	G	4.8	4.4	1.1	161	ICELAND
	25	06	56	12.1?	19.12	N	69.04	W	33	N	3.5		0.8	9	DOMINICAN REPUBLIC REGION
	25	07	16	40.3?	35.97	S	71.72	W	130	G			0.2	7	CENTRAL CHILE. MD 4.0 (SAN).
	25	07	35	03.6	44.505	S	168.392	E	89	•			1.3	27	SOUTH ISLAND, NEW ZEALAND
	25	08	03	26.7	50.954	N	6.630	E	10	G			1.1	8	GERMANY
	25	08	28	35.8&	61.763	N	149.712	W	38					70	SOUTHERN ALASKA. <AEIC>. ML 3.1 (AEIC), 3.3 (PMR).
	25	08	30	49.9&	33.992	N	116.276	W	4					7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (GS).
	25	08	33	22.1%	44.851	N	6.699	E	10	G			0.2	5	FRANCE. ML 1.5 (GEN).
	25	09	16	04.7%	39.629	N	29.429	E	10	G			0.3	5	TURKEY
	25	09	20	27.8	34.065	N	116.306	W	10	G			1.1	6	SOUTHERN CALIFORNIA. ML 2.6 (GS). MD 2.8 (PAS).
	25	09	29	18.3	34.048	N	116.243	W	10	G			0.7	7	SOUTHERN CALIFORNIA. ML 2.7 (GS). MD 2.8 (PAS).
	25	09	34	41.6&	33.983	N	116.284	W	1					17	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.7 (PAS), 3.7 (GS).
	25	09	56	51.6•	4.195	S	149.684	E	107	•	4.2		0.6	6	BISMARCK SEA
	25	09	57	51.2&	60.024	N	152.995	W	112		3.3			45	SOUTHERN ALASKA. <AEIC>.
	25	10	01	38.9&	33.987	N	116.284	W	1					10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.2 (GS).
	25	10	05	34.1&	56.119	N	152.428	W	10	G				38	KODIAK ISLAND REGION. <AEIC>. ML 3.4 (AEIC).
	25	10	18	44.4%	38.984	N	27.754	E	10	G			0.4	5	TURKEY
	25	10	37	06.3	8.378	N	126.639	E	60	•	4.8	4.0	1.2	43	MINDANAO, PHILIPPINE ISLANDS
	25	11	19	07.6%	40.758	N	23.144	E	10	G			0.3	8	GREECE. MD 2.1 (THE).
	25	11	32	27.5%	40.957	N	23.467	E	10	G			0.2	5	GREECE. MD 1.8 (THE).
	25	11	56	03.8?	34.06	N	116.25	W	10	G			0.3	4	SOUTHERN CALIFORNIA. MD 2.8 (PAS).
	25	12	02	45.9	40.600	N	20.700	E	10	G			1.2	11	GREECE-ALBANIA BORDER REGION. MD 2.5 (THE).
	25	12	04	54.3?	39.94	N	28.17	E	10	G			0.9	4	TURKEY
	25	12	07	15.0&	60.320	N	150.879	W	46					48	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.7 (AEIC).
	25	12	37	09.7?	7.19	N	126.10	E	21	?	4.4		1.3	10	MINDANAO, PHILIPPINE ISLANDS
a	25	12	46	16.9	38.583	N	14.936	E	246	D	5.4		1.0	422	SICILY
	25	12	56	40.9%	40.838	N	22.784	E	5	G			0.2	6	GREECE. MD 1.3 (THE).
	25	13	08	48.7?	34.17	S	179.44	E	33	N	4.7		1.4	10	SOUTH OF KERMADEC ISLANDS
	25	13	28	56.8•	34.083	N	116.206	W	10	G			0.5	5	SOUTHERN CALIFORNIA. ML 2.3 (GS). MD 2.7 (PAS).
	25	13	38	15.5	33.812	N	116.293	W	10	G			1.0	8	SOUTHERN CALIFORNIA. ML 2.7 (GS). MD 2.9 (PAS).
	25	13	58	50.6•	34.173	N	116.271	W	10	G			0.7	6	SOUTHERN CALIFORNIA. ML 2.8 (GS). MD 2.7 (PAS).
	25	15	01	04.3%	40.823	N	22.781	E	5	G			0.7	8	GREECE. MD 1.1 (THE).
	25	15	02	19.6	51.182	N	177.722	E	33	N	4.7		1.0	59	RAT ISLANDS, ALEUTIAN ISLANDS. ML 4.7 (PMR).
	25	16	18	09.4•	38.410	N	20.444	E	5	G			0.9	14	GREECE. MD 3.4 (ATH).
	25	16	20	09.8•	46.331	N	14.915	E	10	G			0.9	6	NORTHWESTERN BALKAN REGION. MD 2.3 (TRI). ML 2.3 (VIE). Felt at Velenje, Slovenia.
	25	16	43	12.7	41.013	N	25.261	E	5	G			0.8	27	GREECE-BULGARIA BORDER REGION. MD 3.1 (THE).
	25	17	27	36.0&	65.631	N	145.445	W	10					21	NORTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
	25	17	29	09.5•	7.275	S	128.579	E	165	?	4.3		0.5	9	BANDA SEA
	25	17	47	06.2•	44.441	N	113.953	W	5	G			0.6	10	EASTERN IDAHO. ML 3.3 (BUT).
f	25	18	06	04.2&	40.368	N	124.316	W	15		6.3	7.1		735	NEAR COAST OF NORTHERN CALIF. <GM-P>. Mo=4.0•10••19 Nm (PPT). Ninety-eight people injured and considerable damage in southwestern Humboldt County. Preliminary estimate of damage in this area from the series of earthquakes is 66 million U.S. dollars. Maximum intensities (VIII) at Ferndale, Honeydew, Petrolia, Rio Dell and Scotia; (VII) at Fortuna and Loleta; (VI) at Eureka. Landslides and rockfalls occurred in the

													Honeydew-Petrolia area. Liquefaction was noted in areas of the Eel and Mattole River Valleys. Felt throughout much of northern California as far south as San Francisco and southeast to Carson City and Reno, Nevada. Also felt in many areas of southern Oregon. Strong-motion records indicate peak horizontal accelerations of 1.3g at Cape Mendocino and 0.69g at Petrolia. A tsunami was generated with maximum wave heights (peak-to-trough) of 1.1 m. at Crescent City, 0.2 m. at Arena Cove and 0.17 m. at Pt. Reyes, California; 0.2 m. at Port Orford, Oregon; 0.15 m. at Kahului and 0.1 m. at Hilo, Hawaii. Depth 19.2 kilometers from broadband displacement seismograms.
	25	18	17	25.9	38.657	N	26.453	E	10	G	4.3	0.8	15	AEGEAN SEA
	25	19	15	34.9	40.160	N	124.144	W	15	G	4.2	0.9	23	NEAR COAST OF NORTHERN CALIF. ML 4.1 (GS).
	25	19	30	46.2?	40.32	N	124.20	W	15	G		0.8	4	NEAR COAST OF NORTHERN CALIF. ML 3.1 (GS).
	25	19	39	24.4&	33.955	N	116.356	W	4				13	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.2 (GS).
	25	19	41	59.2&	40.331	N	124.424	W	7				4	NEAR COAST OF NORTHERN CALIF. <GM-P>. ML 3.0 (GS).
	25	19	50	42.1&	40.306	N	124.438	W	6		4.1		36	NEAR COAST OF NORTHERN CALIF. <GM-P> ML 4.0 (GS).
	25	20	12	35.1•	40.400	N	124.355	W	15	G	3.6	0.8	13	NEAR COAST OF NORTHERN CALIF. ML 3.9 (GS).
	25	20	29	15.7•	40.296	N	124.388	W	15	G	3.3	0.4	10	NEAR COAST OF NORTHERN CALIF. ML 3.6 (GS).
	25	20	43	16.4•	28.665	S	178.755	W	304	•	4.1	0.6	11	KERMADEC ISLANDS REGION
	25	20	56	41.7	40.765	N	23.157	E	10	G		0.4	10	GREECE. MD 2.4 (THE).
	25	20	57	24.0%	40.787	N	23.094	E	10	G		0.5	7	GREECE. MD 1.8 (THE).
	25	21	07	44.5&	60.680	N	152.441	W	131		3.4		68	SOUTHERN ALASKA. <AEIC>.
	25	21	09	12.3•	40.289	N	124.261	W	15	G	3.4	0.7	7	NEAR COAST OF NORTHERN CALIF. ML 3.3 (GS).
	25	21	19	54.1%	40.768	N	23.138	E	10	G		0.3	7	GREECE. MD 1.7 (THE).
	25	21	26	09.9•	40.266	N	124.525	W	15	G	3.4	0.9	10	NEAR COAST OF NORTHERN CALIF. ML 3.6 (GS).
	25	21	51	50.5•	0.183	S	123.235	E	82	?	4.8	0.7	12	MINAHASSA PENINSULA, SULAWESI
	25	22	25	25.6&	40.323	N	124.439	W	7		3.9		74	NEAR COAST OF NORTHERN CALIF. <GM-P>. ML 4.2 (GS).
	25	22	35	47.2%	39.908	N	22.550	E	10	G		0.6	11	GREECE. MD 2.0 (THE).
	25	23	45	40.5•	33.060	N	105.011	E	33	N	3.4	0.8	6	GANSU, CHINA. ML 3.8 (BJI).
	26	00	05	23.7?	40.19	N	124.40	W	15	G		0.4	5	NEAR COAST OF NORTHERN CALIF. ML 3.2 (GS).
	26	00	19	45.9&	34.169	N	116.338	W	1				7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.7 (GS).
	26	00	40	25.8•	40.192	N	124.322	W	15	G	3.2	1.1	8	NEAR COAST OF NORTHERN CALIF. ML 3.5 (GS).
	26	00	58	55.1•	40.278	N	124.538	W	15	G	3.0	0.6	6	NEAR COAST OF NORTHERN CALIF. ML 3.3 (GS).
	26	01	00	58.1&	40.367	N	124.492	W	6		3.7		22	NEAR COAST OF NORTHERN CALIF. <GM-P>. ML 3.7 (GS).
	26	01	16	59.5?	55.80	N	160.49	E	33	N	4.1	0.8	7	KAMCHATKA
	26	01	17	30.2&	33.960	N	116.324	W	10				5	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.5 (GS).
	26	01	20	15.8•	51.017	N	15.808	E	10	G		1.1	5	POLAND. MG 2.8 (WAR).
	26	01	24	28.3•	2.248	S	142.620	E	33	N	5.2	1.4	24	NEAR N COAST OF NEW GUINEA, PNG.
a	26	01	25	14.8	2.369	N	123.054	E	447	D	5.5	1.0	168	CELEBES SEA
	26	01	27	14.6•	40.205	N	124.470	W	15	G	3.4	1.5	12	NEAR COAST OF NORTHERN CALIF. ML 3.5 (GS).
	26	01	29	06.5	43.981	N	6.687	E	5	G		0.7	24	NEAR SOUTH COAST OF FRANCE. ML 2.4 (LDG), 2.3 (GEN).
	26	01	32	12.9•	40.240	N	124.430	W	15	G	3.3	0.3	7	NEAR COAST OF NORTHERN CALIF. ML 3.5 (GS).
	26	01	33	33.1•	40.200	N	124.570	W	15	G		0.6	10	NEAR COAST OF NORTHERN CALIF. ML 3.7 (GS).
	26	01	45	00.2•	50.977	N	6.323	E	10	G		0.5	7	GERMANY. MD 2.0 (UCC).
	26	02	07	04.0•	40.245	N	124.447	W	15	G	3.5	0.9	12	NEAR COAST OF NORTHERN CALIF. ML 3.6 (GS).
	26	02	16	12.5	44.501	N	7.310	E	11			0.4	13	NORTHERN ITALY. ML 2.1 (GEN), 1.9 (LDG).
	26	02	17	52.8?	40.22	N	124.41	W	15	G		0.2	5	NEAR COAST OF NORTHERN CALIF. ML 3.4 (GS).
	26	02	21	52.1•	13.818	N	91.689	W	33	N	4.7	1.0	49	NEAR COAST OF GUATEMALA
	26	03	07	58.1&	33.993	N	116.332	W	9				13	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.6 (PAS), 3.5 (GS).
	26	03	10	22.0•	42.579	N	0.886	E	10	G		1.4	7	PYRENEES. ML 2.0 (LDG).
	26	04	20	00.1•	40.372	N	124.258	W	15	G	2.6	0.4	7	NEAR COAST OF NORTHERN CALIF. ML 3.2 (GS).
	26	04	26	57.8	39.004	N	29.727	E	10	G		1.0	7	TURKEY
	26	04	49	46.8•	33.946	N	116.279	W	10	G		0.5	5	SOUTHERN CALIFORNIA. ML 2.6 (GS).
	26	04	50	14.9	40.391	N	124.535	W	15	G	3.4	0.8	17	NEAR COAST OF NORTHERN CALIF. ML 3.5 (GS).
	26	04	53	27.0•	40.272	N	124.443	W	15	G	3.5	0.6	7	NEAR COAST OF NORTHERN CALIF. ML 3.5 (GS).
	26	05	28	49.2?	7.85	S	74.56	W	175	?	4.5	1.2	23	PERU-BRAZIL BORDER REGION
	26	05	43	07.3%	43.452	N	12.482	E	10	G		0.2	5	CENTRAL ITALY
	26	05	54	18.1&	33.959	N	116.311	W	0				15	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.5 (PAS). ML 3.3 (GS).
	26	06	21	56.7&	33.997	N	116.323	W	5				4	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.5 (PAS).
	26	06	26	08.0&	33.951	N	116.311	W	1		4.0		26	SOUTHERN CALIFORNIA. <PAS-P>. MD 4.2 (PAS). ML 4.2 (GS).
	26	06	28	31.9&	33.944	N	116.309	W	0				5	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	26	07	03	10.3&	58.369	N	152.154	W	41				38	KODIAK ISLAND REGION. <AEIC>. ML 2.6 (AEIC).
	26	07	15	07.3	34.049	N	116.300	W	10	G		0.6	7	SOUTHERN CALIFORNIA. ML 2.7 (GS).
f	26	07	41	39.7&	40.415	N	124.603	W	20		5.9 6.6		644	NEAR COAST OF NORTHERN CALIF. <GM-P>. Mo=2.0•10••19 Nm (PPT). This earthquake caused additional damage in the Ferndale, Fortuna and Petrolia areas. A fire caused by a broken gas main destroyed much of the business district of Scotia. Felt throughout much of northern California.
	26	08	18	26.2	43.340	N	20.832	E	5	G		1.0	16	NORTHWESTERN BALKAN REGION. ML 2.5 (TTG), 2.5 (TIR).
	26	08	21	06.7•	40.263	N	124.568	W	15	G	3.4	1.0	11	NEAR COAST OF NORTHERN CALIF. ML 3.6 (GS).
	26	08	25	22.7&	33.935	N	116.357	W	4				5	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	26	08	53	11.6?	40.28	N	124.46	W	15	G		0.4	5	NEAR COAST OF NORTHERN CALIF. ML 3.0 (GS).
	26	09	05	46.6%	40.938	N	23.456	E	10	G		0.9	6	GREECE. MD 1.7 (THE).
	26	09	24	20.4	40.354	N	124.438	W	15	G		0.6	23	NEAR COAST OF NORTHERN CALIF. ML 3.9 (GS).
	26	09	49	53.8&	33.969	N	116.281	W	5				16	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.4 (GS).
	26	09	53	31.1%	44.078	N	7.822	E	10	G		0.5	5	NORTHERN ITALY. ML 1.8 (GEN).
	26	09	55	45.6&	33.943	N	116.360	W	7				11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.6 (PAS), 3.5 (GS).
	26	10	58	28.2&	60.051	N	152.842	W	100				57	SOUTHERN ALASKA. <AEIC>.
f	26	11	18	25.7&	40.378	N	124.575	W	22		6.5 6.6		757	NEAR COAST OF NORTHERN CALIF. <GM-P>. Mo=3.2•10••19 Nm (PPT). This earthquake caused additional damage in the Ferndale, Fortuna and Petrolia areas. Felt throughout much of northern California, south as far as Salinas, Santa Cruz and San Francisco. Also felt in southern Oregon. Depth 22.8 kilometers from broadband displacement seismograms.
	26	12	04	29.8&	40.408	N	124.427	W	11		4.1		26	NEAR COAST OF NORTHERN CALIF. <GM-P>. ML 4.3 (GS).
	26	12	42	16.9•	37.161	S	177.249	E	10	G		1.1	7	OFF E. COAST OF N. ISLAND, N.Z. ML 3.8 (WEL).

	26	13	15	51.3	37.841	N	47.146	E	33	N	4.0	1.3	18 NORTHWESTERN IRAN. Felt.
	26	13	20	41.9%	40.483	N	23.604	E	10	G		0.5	9 GREECE. MD 2.3 (THE).
	26	14	28	20.6*	40.193	N	124.502	W	15	G	3.5	0.9	8 NEAR COAST OF NORTHERN CALIF. ML 3.4 (GS).
	26	14	38	43.0?	11.12	N	62.67	W	122	?		1.0	8 WINDWARD ISLANDS. MD 3.6 (TRN).
	26	15	10	31.9*	32.256	S	70.170	W	119	?		0.8	13 CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	26	15	25	01.2	40.368	N	21.359	E	5	G		0.7	13 GREECE. MD 2.4 (THE).
	26	17	14	13.2&	34.000	N	116.320	W	5				12 SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.1 (GS).
	26	17	19	58.7?	56.46	S	142.15	W	10	G	5.1	0.9	7 PACIFIC-ANTARCTIC RIDGE. Mo=1.3*10**18 Nm (PPT).
	26	17	21	38.0&	34.050	N	116.335	W	1				29 SOUTHERN CALIFORNIA. <PAS-P>. MD 4.3 (PAS). ML 4.1 (GS).
	26	17	48	44.7&	33.853	N	116.270	W	1				10 SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.0 (GS).
	26	17	49	42.9*	2.879	S	129.206	E	33	N	4.9	1.1	9 SERAM, INDONESIA
	26	18	04	18.9&	34.051	N	116.339	W	1				11 SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.4 (GS).
	26	18	17	04.9&	33.950	N	116.317	W	0				8 SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.5 (GS).
	26	19	01	23.3?	65.11	N	12.46	E	10	G		0.6	4 NORTHERN NORWAY. MD 3.3 (BER).
	26	19	28	26.6&	34.007	N	116.340	W	4				6 SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	26	19	52	52.7*	0.734	S	124.202	E	79	*	4.2	1.1	16 SOUTHERN MOLUCCA SEA
	26	20	06	10.0&	33.973	N	116.273	W	3				5 SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	26	20	53	36.8*	16.714	N	99.997	W	36	*	4.1	1.4	26 NEAR COAST OF GUERRERO, MEXICO. Felt at Acapulco.
	26	21	18	04.3&	40.406	N	124.615	W	13		3.5		15 NEAR COAST OF NORTHERN CALIF. <GM-P>. ML 4.0 (GS). Felt at Eureka and Fortuna.
	26	21	26	32.3?	48.21	N	7.78	E	10	G		0.5	4 FRANCE. ML 2.2 (LDG).
	26	21	31	57.0*	45.275	N	14.640	E	5	G		1.2	7 NORTHWESTERN BALKAN REGION. MD 2.7 (LJU). ML 2.3 (ZAG). Felt on Krk, Croatia.
	26	21	50	32.9*	13.725	S	167.256	E	226	?	4.6	1.1	72 VANUATU ISLANDS
	26	22	07	57.9*	40.285	N	124.610	W	15	G	3.4	0.4	10 NEAR COAST OF NORTHERN CALIF. ML 3.9 (GS). Felt at Eureka.
	26	22	15	34.5%	33.238	S	70.609	W	90	G		0.4	9 CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	26	22	25	30.3?	44.49	N	10.11	E	10	G		0.6	4 NORTHERN ITALY
	26	22	25	53.3&	40.318	N	124.527	W	10		4.4		92 NEAR COAST OF NORTHERN CALIF. <GM-P>. Felt at Eureka.
	26	22	27	29.8	47.637	N	13.792	E	5	G		0.9	10 AUSTRIA. ML 2.7 (VIE), 2.6 (FUR).
	26	22	41	27.5&	58.963	N	154.399	W	121		3.2		46 ALASKA PENINSULA. <AEIC>.
	26	22	47	59.0&	33.974	N	116.663	W	8				8 SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.8 (GS).
	26	22	51	08.2*	53.914	N	160.635	E	33	N	4.4	0.5	12 NEAR EAST COAST OF KAMCHATKA
	26	22	55	57.2?	38.38	S	175.80	E	229	?		0.4	21 NORTH ISLAND, NEW ZEALAND
	26	23	28	58.8%	38.927	N	14.752	E	26	*		1.5	8 SICILY
	26	23	39	14.8&	40.294	N	124.675	W	4		4.2		41 NEAR COAST OF NORTHERN CALIF. <GM-P>. ML 4.1 (GS).
	26	23	51	52.2	45.885	N	15.284	E	10	G		0.9	11 NORTHWESTERN BALKAN REGION. MD 2.7 (LJU), 2.5 (TRI). ML 2.4 (VIE).
	27	00	00	20.5&	34.033	N	116.317	W	0				7 SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.6 (GS).
	27	00	06	22.9*	40.228	N	124.672	W	15	G	3.0	0.6	7 NEAR COAST OF NORTHERN CALIF. ML 3.3 (GS).
	27	00	07	08.6%	37.595	N	15.482	E	10	G		0.5	5 SICILY
	27	00	23	26.6	33.237	S	71.671	W	10	G		1.0	17 NEAR COAST OF CENTRAL CHILE. MD 4.2 (SAN).
	27	00	31	54.7*	39.316	N	70.937	E	33	N	4.1	0.4	9 TAJIKISTAN
	27	00	33	33.4*	40.263	N	124.380	W	15	G	2.9	0.5	8 NEAR COAST OF NORTHERN CALIF. ML 3.4 (GS).
	27	00	36	23.0&	34.061	N	116.343	W	1				6 SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	27	01	32	01.2&	60.316	N	152.029	W	67				57 SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
	27	01	54	51.8%	37.747	N	12.971	E	11			0.7	11 SICILY
	27	02	28	16.3&	40.332	N	124.705	W	0		4.2		56 NEAR COAST OF NORTHERN CALIF. <GM-P>. Felt at Eureka and Fortuna.
	27	02	35	34.6*	40.229	N	124.511	W	15	G	3.2	0.4	9 NEAR COAST OF NORTHERN CALIF. ML 3.3 (GS).
	27	02	47	20.7&	40.343	N	124.744	W	7		4.5 4.7		71 NEAR COAST OF NORTHERN CALIF. <GM-P>.
	27	03	11	19.2&	33.933	N	116.302	W	0				24 SOUTHERN CALIFORNIA. <PAS-P>. MD 4.2 (PAS). ML 4.2 (GS). Felt in the Palm Springs area.
	27	03	49	26.9&	33.923	N	116.302	W	0				14 SOUTHERN CALIFORNIA. <PAS-P>. MD 3.5 (PAS). ML 3.6 (GS).
	27	03	52	12.3&	33.967	N	116.322	W	8				13 SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.3 (GS).
	27	04	00	49.0	31.931	S	70.265	W	150	?		0.4	17 CHILE-ARGENTINA BORDER REGION. MD 3.9 (SAN).
	27	04	21	40.5	9.375	S	159.273	E	10	G	5.2 4.9	0.8	67 SOLOMON ISLANDS. Felt at Honiara.
	27	04	31	28.0?	11.31	N	62.32	W	131	?		0.3	10 WINDWARD ISLANDS. MD 3.5 (TRN).
	27	05	08	19.2?	18.68	N	68.11	W	10	G		0.7	7 MONA PASSAGE
	27	05	11	06.9	34.450	S	70.423	W	10	G		0.3	10 CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
	27	05	13	15.4*	22.345	S	174.276	W	33	N	5.0 4.9	1.2	22 TONGA ISLANDS REGION
	27	05	58	24.1*	35.074	S	70.657	W	10	G		1.0	9 CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
	27	06	01	25.0?	38.96	N	0.01	W	10	G		0.3	4 SPAIN. mbLg 2.9 (MDD).
	27	06	31	23.4?	40.23	N	124.40	W	15	G		0.4	5 NEAR COAST OF NORTHERN CALIF. ML 3.1 (GS).
	27	06	59	49.2?	40.25	N	124.66	W	15	G		0.2	5 NEAR COAST OF NORTHERN CALIF. ML 2.9 (GS).
	27	08	01	50.5%	31.682	S	68.752	W	105	?		0.4	7 SAN JUAN PROVINCE, ARGENTINA
	27	08	13	35.6&	34.073	N	116.326	W	0				10 SOUTHERN CALIFORNIA. <PAS-P>. MD 3.0 (PAS). ML 2.9 (GS).
	27	08	24	50.2%	40.094	N	25.234	E	10	G		0.6	10 AEGEAN SEA. MD 2.4 (THE).
	27	08	29	07.8&	33.943	N	116.292	W	0				8 SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.0 (GS).
a	27	08	29	53.7	12.278	N	87.091	W	76	D	5.2	1.2	234 NEAR COAST OF NICARAGUA. Felt at Managua. Also felt (II) at San Salvador, El Salvador.
	27	08	41	47.5%	31.258	S	68.682	W	113	*		0.7	8 SAN JUAN PROVINCE, ARGENTINA
	27	09	07	08.1*	40.310	N	124.648	W	15	G	3.3	0.7	10 NEAR COAST OF NORTHERN CALIF. ML 3.2 (GS).
	27	09	13	11.0%	42.802	N	12.888	E	10	G		0.6	6 CENTRAL ITALY
	27	09	43	55.7&	34.075	N	116.322	W	0				9 SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS). MD 2.4 (GS).
	27	10	08	27.2%	42.702	N	12.709	E	10	G		0.5	7 CENTRAL ITALY
	27	10	26	35.9?	40.42	N	124.51	W	15	G		1.2	7 NEAR COAST OF NORTHERN CALIF. ML 3.1 (GS).
	27	11	08	59.8	38.557	S	175.642	E	202			0.5	34 NORTH ISLAND, NEW ZEALAND
	27	11	35	02.8?	40.26	N	124.26	W	15	G		0.4	4 NEAR COAST OF NORTHERN CALIF. ML 3.0 (GS).
	27	11	36	01.3%	43.431	N	12.452	E	10	G		0.6	6 CENTRAL ITALY
	27	11	52	27.0*	37.058	N	29.538	E	5	G		1.4	5 TURKEY
	27	12	05	24.2%	39.399	N	20.624	E	10	G		1.1	6 GREECE-ALBANIA BORDER REGION. MD 2.3 (THE).
	27	12	52	51.9?	39.06	N	34.67	E	10	G		1.5	5 TURKEY
	27	13	00	26.8?	14.86	N	61.12	W	10	G		0.2	4 WINDWARD ISLANDS. ML 2.1 (FDF).
	27	13	21	10.4&	33.944	N	116.341	W	4				9 SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 2.6 (GS).
	27	13	21	58.2*	37.922	N	20.991	E	10	G		1.2	14 IONIAN SEA. MD 3.2 (ATH), 2.8 (THE).
	27	13	22	36.6	44.479	N	7.342	E	13			0.8	48 NORTHERN ITALY. ML 3.2 (LDG), 3.0 (GEN).
	27	13	28	19.1&	33.937	N	116.307	W	1				12 SOUTHERN CALIFORNIA. <PAS-P>. MD 3.6 (PAS). ML 3.5 (GS).

	27	13	54	08.9•	10.101	N	126.339	E	33	N	4.3	0.7	7 PHILIPPINE ISLANDS REGION
	27	13	57	39.5%	39.125	N	27.556	E	10	G		0.6	7 TURKEY
	27	14	01	13.6?	40.26	N	124.33	W	10	G		0.1	5 NEAR COAST OF NORTHERN CALIF. ML 2.7 (GS).
	27	14	50	27.8%	44.359	N	7.372	E	10	G		0.5	7 NORTHERN ITALY. ML 1.9 (GEN).
	27	15	37	55.9•	40.231	N	124.588	W	15	G	3.4	0.3	9 NEAR COAST OF NORTHERN CALIF. ML 3.6 (GS).
	27	15	58	48.8?	31.76	S	69.67	W	120	G		0.3	5 SAN JUAN PROVINCE, ARGENTINA
	27	17	10	13.3	22.440	S	66.023	W	258		4.6	1.2	53 JUJUY PROVINCE, ARGENTINA
	27	18	00	50.7•	32.061	S	69.523	W	100	G		1.1	7 MENDOZA PROVINCE, ARGENTINA
	27	18	19	26.9&	33.971	N	116.279	W	3				6 SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.8 (GS).
	27	18	58	28.9•	17.191	S	73.021	W	10	G	4.2	1.0	5 OFF COAST OF PERU
	27	19	27	19.5•	41.666	N	120.220	E	33	N	4.3	1.1	8 NORTHEASTERN CHINA. ML 4.0 (BJI).
	27	19	58	47.5%	32.759	S	67.834	W	12			0.6	7 MENDOZA PROVINCE, ARGENTINA
	27	20	15	38.8?	13.88	N	60.06	W	33	N		0.1	5 WINDWARD ISLANDS. MD 3.3 (TRN).
	27	20	53	01.8?	32.03	S	117.28	E	10	G		0.8	4 WESTERN AUSTRALIA
	27	21	16	45.1	40.138	N	21.496	E	5	G		0.6	12 GREECE. MD 2.0 (THE).
	27	21	31	07.7&	61.859	N	154.344	W	0		4.7		134 SOUTHERN ALASKA. <AEIC>. ML 4.5 (AEIC), 4.5 (PMR). Felt (III) at McGrath.
	27	22	37	44.9&	63.905	N	148.240	W	103				74 CENTRAL ALASKA. <AEIC>.
	27	23	12	08.9?	41.71	N	15.32	E	5	G		0.4	4 SOUTHERN ITALY
	27	23	19	11.1•	6.349	S	152.069	E	33	N	4.4	1.4	6 NEW BRITAIN REGION, P.N.G.
	27	23	52	54.3•	16.006	S	174.115	W	110	?	4.9	0.9	38 TONGA ISLANDS
	28	00	06	07.0	35.787	N	4.606	W	114	•	3.2	0.8	19 STRAIT OF GIBRALTAR. MD 3.7 (RBA).
	28	00	09	25.2&	34.027	N	116.299	W	3				4 SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS).
	28	00	25	15.9?	18.44	N	65.74	W	33	N		0.5	7 PUERTO RICO REGION
	28	00	50	14.8%	42.434	N	19.258	E	33	N		0.5	7 NORTHWESTERN BALKAN REGION. ML 1.1 (TTG).
	28	01	20	00.1•	20.073	N	120.963	E	50	?	4.7 3.9	1.0	7 PHILIPPINE ISLANDS REGION
	28	01	36	05.4?	28.57	S	178.38	W	33	N	4.5	0.6	5 KERMADEC ISLANDS REGION
	28	01	36	28.9•	32.145	N	85.066	E	33	N	3.8	1.3	8 XIJANG
q	28	01	55	47.2	5.602	N	124.054	E	477	D	5.5	1.1	247 MINDANAO, PHILIPPINE ISLANDS
	28	02	05	46.8?	48.25	N	1.29	W	10	G		0.1	4 FRANCE. ML 2.3 (LDG).
	28	02	11	58.6?	18.74	N	102.90	W	89	•	4.3	1.5	6 MICHOACAN, MEXICO
	28	02	39	15.4&	33.966	N	116.296	W	2				4 SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (GS).
	28	03	07	26.3•	5.247	S	153.748	E	87	•	4.7	0.9	11 NEW IRELAND REGION, P.N.G.
	28	03	18	28.3&	33.945	N	116.344	W	3				5 SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS).
	28	03	19	09.5•	27.282	N	66.243	E	33	N	4.4	1.0	10 PAKISTAN
	28	03	29	23.1•	6.755	N	72.942	W	169	•	4.3	0.9	17 NORTHERN COLOMBIA
	28	04	35	52.3•	22.066	N	127.009	E	33	N	4.3	1.2	13 PHILIPPINE SEA
	28	05	23	19.6	38.087	S	176.440	E	204			0.6	45 NORTH ISLAND, NEW ZEALAND
	28	06	49	13.9%	40.456	N	23.612	E	5	G		0.5	8 GREECE. MD 2.0 (THE).
	28	07	08	14.6?	51.09	N	179.55	E	33	N	3.9	1.3	11 RAT ISLANDS, ALEUTIAN ISLANDS
	28	07	16	27.7•	39.606	N	39.915	E	10	G	4.2	1.1	15 TURKEY. Felt in Erzincan Province.
	28	07	32	44.4&	33.939	N	116.309	W	1				7 SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 2.8 (GS).
	28	08	15	42.3&	33.998	N	116.282	W	4				6 SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	28	08	16	15.7%	39.000	N	29.300	E	10	G		1.0	7 TURKEY
	28	08	40	11.5•	22.296	S	68.774	W	129	•	4.0	1.3	7 NORTHERN CHILE
	28	08	48	50.1•	15.421	S	173.187	W	92	?	4.8 4.7	1.0	44 TONGA ISLANDS
	28	08	53	45.8	40.385	N	21.778	E	10	G		1.0	7 GREECE
	28	09	10	00.5&	59.764	N	153.426	W	133				59 SOUTHERN ALASKA. <AEIC>.
	28	09	14	53.6	37.271	N	36.279	E	33	N		1.1	12 TURKEY. ML 3.6 (CSS).
	28	09	19	46.8•	40.933	N	32.459	E	10	G		1.3	7 TURKEY
q	28	09	31	21.7	8.921	N	124.071	E	568		5.2	1.0	142 MINDANAO, PHILIPPINE ISLANDS
	28	09	41	19.0•	17.937	N	147.079	E	45	?	4.4	1.1	21 MARIANA ISLANDS REGION
	28	09	49	23.0%	39.366	N	27.659	E	10	G		0.8	6 TURKEY
	28	10	15	46.6&	60.409	N	152.354	W	90				49 SOUTHERN ALASKA. <AEIC>.
	28	10	33	52.9&	33.996	N	116.336	W	4				5 SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 2.8 (GS).
	28	10	54	32.2%	41.215	N	106.383	E	33	N		1.5	5 WESTERN NEI MONGOL, CHINA. ML 3.8 (BJI).
	28	11	13	20.0&	33.940	N	116.301	W	1				18 SOUTHERN CALIFORNIA. <PAS-P>. MD 3.7 (PAS). ML 3.6 (GS).
	28	11	22	43.9	33.974	N	116.257	W	10	G		1.1	7 SOUTHERN CALIFORNIA. ML 2.5 (GS). MD 2.6 (PAS).
	28	11	32	14.4&	34.034	N	116.298	W	1				5 SOUTHERN CALIFORNIA. <PAS-P>. MD 2.6 (PAS). ML 2.7 (GS).
	28	11	33	26.6&	33.938	N	116.298	W	0				27 SOUTHERN CALIFORNIA. <PAS-P>. MD 3.8 (PAS). ML 3.9 (GS).
	28	12	06	31.4?	31.27	S	177.11	W	10	G	4.3	1.4	9 KERMADEC ISLANDS REGION
	28	12	27	19.1•	19.220	N	121.056	E	28	•	4.5	1.4	8 PHILIPPINE ISLANDS REGION. Felt (I RF) at Pasuquin.
	28	13	26	05.2	18.311	S	178.408	W	622	•	4.7	1.0	79 FIJI ISLANDS REGION
	28	13	56	01.0?	40.20	N	124.44	W	15	G		0.3	5 NEAR COAST OF NORTHERN CALIF. ML 3.0 (GS).
	28	14	27	00.2&	33.949	N	116.297	W	1				10 SOUTHERN CALIFORNIA. <PAS-P>. MD 3.5 (PAS). ML 3.5 (GS).
	28	15	25	16.4&	33.960	N	116.325	W	4				8 SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.5 (GS).
	28	15	28	16.1?	67.05	N	20.81	E	10	G		1.3	4 SWEDEN. MD 3.4 (BER).
	28	15	48	29.4	43.529	N	127.104	W	10	G		0.6	81 OFF COAST OF OREGON
	28	15	53	53.0•	39.912	N	79.096	E	14	•	4.0	1.2	14 SOUTHERN XINJIANG, CHINA. ML 4.4 (BJI).
	28	17	12	56.7%	61.188	N	7.451	E	10	G		0.3	12 SOUTHERN NORWAY. MD 2.2 (BER).
	28	17	23	01.1&	38.552	N	119.560	W	11		3.1		14 CALIFORNIA-NEVADA BORDER REGION. <BRK-P>. ML 3.6 (BRK). Felt in the Jackson area, California.
	28	17	26	53.2	5.631	S	133.788	E	33	N	5.2 4.7	1.0	77 ARU ISLANDS REGION, INDONESIA
	28	17	29	42.2%	39.929	N	29.172	E	10	G		0.6	6 TURKEY
	28	17	51	04.3%	42.815	N	19.159	E	10	G		0.4	9 NORTHWESTERN BALKAN REGION. ML 1.7 (TTG).
	28	17	58	04.3•	29.552	N	142.406	E	33	N	4.3	1.2	15 SOUTH OF HONSHU, JAPAN
	28	18	38	24.7?	40.21	N	124.32	W	15	G		0.8	5 NEAR COAST OF NORTHERN CALIF. ML 3.2 (GS).
	28	19	36	14.0&	33.977	N	116.271	W	0				10 SOUTHERN CALIFORNIA. <PAS-P>. MD 3.3 (PAS). ML 3.3 (GS).
	28	19	36	51.7&	59.799	N	151.715	W	60				55 KENAI PENINSULA, ALASKA. <AEIC>. ML 3.0 (AEIC).
	28	19	57	52.0•	53.290	S	23.422	E	10	G	4.7	1.3	13 SOUTH OF AFRICA
	28	21	03	03.6	22.430	N	98.935	E	33	N	4.6 4.7	1.3	35 MYANMAR-CHINA BORDER REGION. ML 5.0 (BJI).
	28	21	34	05.2%	52.939	N	6.246	W	10	G		0.3	6 EIRE. ML 1.5 (ETA).
	28	21	34	13.5•	27.432	S	116.699	E	10	G	3.9	1.0	9 WESTERN AUSTRALIA
	28	21	53	28.0&	63.263	N	151.114	W	9				33 CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
	28	22	21	30.4?	38.51	N	23.12	E	10	G	4.5	1.2	10 GREECE
	28	22	40	02.4	43.693	N	17.653	E	11			1.2	88 NORTHWESTERN BALKAN REGION. ML 4.0 (TIR), 3.8 (ZAG), 3.7 (TTG). MD 4.0 (TRI), 3.8 (THE).
	28	22	55	51.4•	18.053	N	101.381	W	141	?		1.1	6 GUERRERO, MEXICO

	28	23 02 49.9?	44.35	N	6.23	E	10	G			0.8	5	FRANCE. ML 2.0 (LDG).
	29	00 01 26.2	2.175	N	126.661	E	33	N	4.9	4.3	1.3	35	NORTHERN MOLUCCA SEA
	29	00 38 07.6?	8.41	S	119.81	E	180	?	5.0		0.6	9	FLORES REGION, INDONESIA
	29	00 44 56.8?	34.92	N	33.00	E	10	G			0.7	4	CYPRUS REGION. ML 2.6 (CSS).
	29	01 02 37.3•	31.606	S	69.720	W	130	G			0.7	11	SAN JUAN PROVINCE, ARGENTINA. MD 4.0 (SAN).
	29	01 17 04.1&	36.456	N	120.372	W	10					14	CENTRAL CALIFORNIA. <GM-P>. MD 3.4 (GM). ML 3.5 (GS).
	29	01 24 06.4	36.467	N	120.244	W	10	G			0.8	8	CENTRAL CALIFORNIA. ML 3.3 (GS).
	29	01 55 54.1	14.382	N	60.276	W	73	?			0.3	11	WINDWARD ISLANDS. MD 3.2 (TRN).
	29	02 34 47.2•	33.910	N	116.219	W	10	G			0.8	6	SOUTHERN CALIFORNIA. MD 2.8 (PAS).
	29	03 13 52.6•	33.955	N	116.278	W	10	G			0.3	5	SOUTHERN CALIFORNIA. ML 3.0 (GS). MD 2.9 (PAS).
	29	03 47 42.5	40.579	N	21.756	E	5	G			0.5	13	GREECE. MD 2.4 (THE).
	29	04 04 27.3	33.272	S	68.772	W	10	G			0.6	10	MENDOZA PROVINCE, ARGENTINA. MD 3.8 (SAN).
	29	04 10 10.1•	22.247	S	170.211	E	33	N	4.8		0.9	21	LOYALTY ISLANDS REGION
	29	04 14 19.8?	14.41	N	93.13	W	66	?	3.6		1.3	8	NEAR COAST OF CHIAPAS, MEXICO
	29	05 52 26.1•	7.041	N	75.913	W	35	•	4.2		1.1	20	NORTHERN COLOMBIA
	29	06 41 39.0?	29.93	S	177.20	W	77	•	4.9		1.0	12	KERMADEC ISLANDS, NEW ZEALAND
	29	07 08 39.5•	32.666	S	71.366	W	75	G			0.4	9	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
	29	07 36 26.7	34.045	N	116.293	W	10	G			0.8	6	SOUTHERN CALIFORNIA. ML 2.6 (GS). MD 2.6 (PAS).
	29	09 00 06.1	44.487	N	114.821	W	5	G			0.3	11	WESTERN IDAHO. ML 3.4 (GS), 3.7 (BUT).
	29	09 04 32.7	27.610	S	69.313	W	103		4.8		1.0	44	NORTHERN CHILE. Felt (IV) at Copiapo.
o	29	09 25 43.4	10.703	S	166.029	E	33	D	5.4	5.7	0.9	133	SANTA CRUZ ISLANDS
	29	10 16 15.2%	33.680	S	70.772	W	80	?			0.2	8	CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).
	29	10 33 40.8?	10.95	S	166.17	E	76	?	4.6		1.7	14	SANTA CRUZ ISLANDS
	29	10 42 10.3	27.868	N	51.233	E	10	G	4.3		1.1	35	PERSIAN GULF
	29	10 44 31.1?	33.19	S	70.24	W	104	?			0.3	8	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	29	11 15 40.9%	40.791	N	24.082	E	10	G			0.3	7	AEGEAN SEA. MD 1.8 (THE).
o	29	11 26 05.0	10.375	N	125.126	E	30	D	5.1	5.1	1.1	81	LEYTE, PHILIPPINE ISLANDS. Felt (I RF) at Palo.
	29	12 01 23.4•	40.850	N	23.410	E	10	G			1.1	5	GREECE. MD 2.6 (THE).
	29	12 20 30.1	41.672	N	22.305	E	5	G			0.6	11	NORTHWESTERN BALKAN REGION. ML 2.7 (SKO). MD 2.5 (THE).
	29	12 21 04.5	31.315	S	68.560	W	94	•			1.2	19	SAN JUAN PROVINCE, ARGENTINA. Felt at San Juan.
	29	12 29 32.2	41.809	N	20.234	E	10	G			0.8	13	ALBANIA. ML 2.3 (TTG), 2.0 (TIR).
	29	13 10 46.1&	33.944	N	116.303	W	1					6	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 2.8 (GS).
	29	13 42 29.0	10.851	S	161.911	E	84	•	4.8		1.0	34	SOLOMON ISLANDS
	29	13 59 26.5&	33.958	N	116.293	W	2					2	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	29	14 27 26.6	17.003	S	173.488	W	88	D	5.0		1.3	78	TONGA ISLANDS
	29	14 49 25.1•	50.663	N	9.347	E	10	G			1.2	5	GERMANY
	29	14 56 34.8?	44.46	N	114.94	W	5	G			0.2	8	WESTERN IDAHO. ML 3.2 (GS), 3.1 (BUT).
	29	16 07 28.6	10.817	S	162.018	E	75	•	4.6		1.0	25	SOLOMON ISLANDS
	29	16 07 38.9&	60.346	N	140.544	W	0					22	SOUTHEASTERN ALASKA. <AEIC>. ML 3.0 (AEIC).
	29	16 10 09.8•	21.751	N	143.271	E	33	N	4.7		1.0	15	MARIANA ISLANDS REGION
	29	16 14 08.6	41.209	N	21.975	E	10	G			0.5	11	NORTHWESTERN BALKAN REGION. MD 2.0 (THE). ML 1.7 (SKO).
	29	16 19 35.7•	15.786	N	144.814	E	33	N			0.2	8	MARIANA ISLANDS REGION
	29	16 33 53.0	38.390	S	175.928	E	208				0.5	38	NORTH ISLAND, NEW ZEALAND
	29	17 25 02.3&	61.038	N	151.279	W	70					48	SOUTHERN ALASKA. <AEIC>. ML 2.7 (AEIC).
	29	17 38 55.3%	44.573	N	7.193	E	10	G			0.3	9	NORTHERN ITALY. ML 2.2 (GEN).
	29	18 32 40.5&	33.985	N	116.263	W	3					7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	29	18 41 45.8?	42.82	N	7.47	W	10	G			0.1	4	SPAIN. mbLg 2.7 (MDD).
	29	18 50 52.9?	39.87	N	20.98	E	10	G			0.4	4	GREECE-ALBANIA BORDER REGION. MD 2.2 (THE).
	29	19 12 56.7	40.396	N	25.200	E	10	G			0.5	16	AEGEAN SEA. MD 3.4 (THE).
	29	20 01 06.2•	15.315	N	92.755	W	132	•	3.7		1.1	9	MEXICO-GUATEMALA BORDER REGION
	29	20 49 30.8•	24.681	S	69.575	W	99	•	4.1		1.1	9	NORTHERN CHILE
	29	21 11 08.6%	40.804	N	22.952	E	10	G			0.5	5	GREECE. MD 1.4 (THE).
	29	21 42 53.2•	44.890	S	167.409	E	115	•			0.4	17	SOUTH ISLAND, NEW ZEALAND
	29	23 27 21.4•	24.328	N	66.835	E	33	N	3.7		0.8	7	PAKISTAN
	30	00 01 30.9&	36.920	N	90.410	W	5	G				22	NEW MADRID, MISSOURI REGION. <SLM-P>. MD 3.6 (SLM). mbLg 2.9 (TUL). Felt (IV) at Greenville and (II) at Poplar Bluff. Also felt at Piedmont and Sikeston.
	30	00 01 51.6	2.719	N	79.737	W	33	N	4.2		0.7	13	SOUTH OF PANAMA
	30	00 36 20.4?	38.35	N	15.65	E	124	?			1.0	16	SICILY. MD 3.7 (THE).
	30	01 49 29.4•	21.039	S	70.656	W	57	?	3.8		1.1	7	NEAR COAST OF NORTHERN CHILE
	30	01 50 43.4&	34.021	N	116.093	W	1					14	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.7 (PAS). ML 3.9 (GS).
	30	02 12 38.3	38.143	S	176.447	E	161		3.6		1.1	39	NORTH ISLAND, NEW ZEALAND
	30	02 59 14.6?	44.90	S	165.01	E	10	G			0.5	16	OFF W. COAST OF S. ISLAND, N.Z. ML 4.2 (WEL).
	30	04 33 27.9	31.669	S	67.857	W	10	G			0.2	6	SAN JUAN PROVINCE, ARGENTINA
	30	04 38 11.9?	34.97	N	32.94	E	10	G			1.0	4	CYPRUS REGION. ML 2.9 (CSS). Felt (III) at Limassol.
	30	04 55 54.3%	45.983	N	2.753	E	10	G			0.2	5	FRANCE. ML 1.8 (LDG).
	30	05 47 29.3?	5.07	S	145.32	E	77	?			0.2	5	EASTERN NEW GUINEA REG., P.N.G.
	30	06 30 46.0•	39.598	N	74.833	E	33	N	4.2		1.2	12	SOUTHERN XINJIANG, CHINA
o	30	06 36 45.0	21.912	N	143.197	E	21	D	4.9	4.8	1.2	71	MARIANA ISLANDS REGION
	30	07 44 10.1&	61.475	N	151.637	W	77					41	SOUTHERN ALASKA. <AEIC>.
	30	07 49 38.3%	34.249	S	70.625	W	100	G			0.1	9	CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
	30	07 56 52.5%	15.189	N	120.264	E	10	G			1.2	5	LUZON, PHILIPPINE ISLANDS
	30	07 59 23.9%	45.012	N	6.901	E	10	G			0.4	5	FRANCE. ML 2.0 (GEN).
	30	08 51 53.3	44.395	N	113.935	W	5	G			1.0	13	EASTERN IDAHO. ML 3.6 (GS), 3.7 (BUT).
	30	09 26 21.6%	43.037	N	0.798	W	5	G			0.3	6	PYRENEES. ML 1.0 (STR).
	30	09 53 26.3&	40.275	N	124.403	W	24		3.4			28	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 4.1 (GM). ML 3.8 (GS).
	30	11 14 35.8&	37.578	N	118.875	W	6					9	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM).
o	30	11 44 38.9	35.059	N	26.655	E	20	D	5.7	5.7	1.1	423	CRETE. MD 6.0 (ATH), 5.7 (THE). ML 5.8 (CSS). Felt at Ayios Nikolaos.
	30	11 55 16.2•	9.436	S	158.417	E	81	•	4.7		1.4	25	SOLOMON ISLANDS
	30	12 06 52.2•	35.151	N	26.415	E	10	G	3.6		0.9	8	CRETE
	30	12 22 49.9%	43.027	N	12.964	E	5	G			1.0	5	CENTRAL ITALY
	30	12 23 59.1•	42.455	N	23.985	E	12				0.7	9	BULGARIA. MD 3.0 (THE).
	30	12 32 46.6•	34.647	N	26.465	E	10	G	3.2		1.2	10	CRETE
	30	13 32 44.1&	33.946	N	116.316	W	5					7	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 2.8 (GS).
	30	13 35 32.3&	32.176	N	115.374	W	6	G				3	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 2.9 (PAS).
	30	13 53 52.9?	60.38	N	5.16	E	10	G			0.2	4	SOUTHERN NORWAY. MD 1.0 (BER).
	30	14 16 50.2%	38.923	N	15.905	E	27	•			0.9	6	SICILY
	30	15 25 02.4&	34.040	N	116.311	W	0					4	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS).
	30	15 55 36.9&	33.933	N	116.366	W	4					5	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).

30	16	16	36.5•	18.411	S	173.861	W	33	N	5.1	1.2	14	TONGA ISLANDS
30	16	40	10.5?	15.01	N	120.89	E	52	•	4.2	0.8	6	LUZON, PHILIPPINE ISLANDS. Felt at Subic.
30	17	40	47.4	51.837	N	171.823	W	33	N	4.7 4.2	1.2	49	FOX ISLANDS, ALEUTIAN ISLANDS. ML 4.6 (PMR).
30	17	55	45.9	0.151	N	119.849	E	29	D	5.2 4.4	1.1	77	MINAHASSA PENINSULA, SULAWESI
30	18	02	55.2	34.675	N	26.663	E	10	G	4.2	1.1	14	CRETE. MD 4.1 (ATH).
30	18	21	32.4	38.465	N	69.594	E	33	N	4.4	0.9	20	TAJIKISTAN. ML 4.3 (BJI).
30	18	49	18.3?	8.70	S	130.13	E	149	?	4.1	1.4	6	TANIMBAR ISLANDS REG., INDONESIA
30	19	11	28.2&	60.263	N	153.638	W	180		3.6		82	SOUTHERN ALASKA. <AEIC>.
30	19	28	35.2%	39.023	N	21.250	E	10	G		0.7	7	GREECE
30	19	39	35.7%	37.913	N	26.462	W	10	G		0.1	5	AZORES ISLANDS
30	20	33	55.9?	31.60	S	69.68	W	110	G		0.2	4	SAN JUAN PROVINCE, ARGENTINA
30	20	36	32.5&	33.958	N	116.295	W	0				3	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
30	21	37	27.0	6.537	S	147.887	E	66	•	4.6	0.9	14	EASTERN NEW GUINEA REG., P.N.G.
30	22	01	09.4&	60.416	N	152.685	W	119				45	SOUTHERN ALASKA. <AEIC>.
30	22	15	46.8	44.447	N	7.307	E	10	G		0.7	13	NORTHERN ITALY. ML 2.2 (LDG), 2.1 (GEN).
30	22	43	04.4&	34.035	N	116.318	W	0				5	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
30	22	48	16.0&	59.446	N	151.914	W	59				62	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.1 (AEIC).
30	22	56	33.2•	13.164	N	145.423	E	56	•	4.3	0.8	20	MARIANA ISLANDS
30	23	10	42.3?	9.66	N	60.05	W	90	G		0.4	11	NEAR COAST OF VENEZUELA. MD 3.7 (TRN).
30	23	18	37.9	14.964	N	120.435	E	42	•	4.7 4.2	1.1	44	LUZON, PHILIPPINE ISLANDS. Felt (III RF) at Cabanatuan and (I RF) at Quezon City.
30	23	29	00.6?	31.90	S	69.44	W	119	?		0.4	7	SAN JUAN PROVINCE, ARGENTINA
30	23	29	07.7?	34.90	N	32.99	E	10	G		0.5	4	CYPRUS REGION. ML 3.3 (CSS). Felt (III) at Limassol.

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 31 52.35 17.510N 101.033W 57km
4.9mb (25 obs.)
NEAR COAST OF GUERRERO, MEXICO
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 25S, 36C
Centroid Location:
Origin Time 00:31:55.2 0.4
Lat 17.10N 0.04 Lon 100.51W 0.05
Dep 60.0 FIX Half-duration 1.6
Principal Axes:
Scale 10••16 Nm

	Val=	Plg=	Azm=
T	5.94	52	105
N	2.78	37	270
P	-8.72	7	5

Best Double Couple:Mo=7.3•10••16

	Strike=	Dip=	Slip=
NP1:	129	50	142
NP2:	246	62	47

01 01 38 03.34 3.125S 129.023E 33km
5.2mb (32 obs.) 4.7Msz (8 obs.)
SERAM, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 25S, 46C
Centroid Location:
Origin Time 01:38: 7.4 0.4
Lat 3.11S FIX;Lon 129.02E FIX
Dep 42.8 3.6 Half-duration 1.9
Principal Axes:
Scale 10••17 Nm

	Val=	Plg=	Azm=
T	1.44	28	272
N	0.53	59	63
P	-1.97	13	175

Best Double Couple:Mo=1.7•10••17

	Strike=	Dip=	Slip=
NP1:	310	61	168
NP2:	46	80	30

02 03 17 55.65 37.562S 17.164W 10km
5.4mb (34 obs.) 5.2Msz (9 obs.)
SOUTHERN MID-ATLANTIC RIDGE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 26S, 47C
Centroid Location:
Origin Time 03:17:58.9 0.3
Lat 38.07S 0.08 Lon 17.61W 0.06
Dep 15.0 FIX Half-duration 2.1
Principal Axes:
Scale 10••17 Nm

	Val=	Plg=	Azm=
T	2.10	29	76
N	-0.17	1	346
P	-1.94	61	253

Best Double Couple:Mo=2.0•10••17

	Strike=	Dip=	Slip=
NP1:	171	16	-85
NP2:	345	74	-92

02 06 42 42.01 37.298S 17.351W 10km
5.4mb (21 obs.) 5.5Msz (8 obs.)
SOUTHERN MID-ATLANTIC RIDGE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 26S, 53C
Centroid Location:
Origin Time 06:42:45.0 0.3
Lat 38.04S 0.07 Lon 17.63W 0.06
Dep 15.0 FIX Half-duration 2.4
Principal Axes:
Scale 10••17 Nm

	Val=	Plg=	Azm=
T	3.19	28	78
N	-0.29	1	168
P	-2.90	62	260

Best Double Couple:Mo=3.0•10••17

	Strike=	Dip=	Slip=
NP1:	165	17	-93
NP2:	348	73	-89

02 10 08 44.28 24.993S 179.951E 498km
5.1mb (45 obs.)
SOUTH OF FIJI ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 16C
Centroid Location:
Origin Time 10:08:46.3 1.5
Lat 24.87S 0.20 Lon 179.90E 0.15
Dep 500.3 6.6 Half-duration 1.6
Principal Axes:
Scale 10••16 Nm

	Val=	Plg=	Azm=
T	7.38	35	66
N	0.41	11	328
P	-7.79	53	223

Best Double Couple:Mo=7.6•10••16

	Strike=	Dip=	Slip=
NP1:	197	14	-40
NP2:	326	81	-101

02 21 03 03.68 7.173N 34.047W 10km
5.1mb (41 obs.) 5.0Msz (19 obs.)
CENTRAL MID-ATLANTIC RIDGE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 28S, 57C
Centroid Location:
Origin Time 21:03: 9.7 0.3
Lat 7.43N 0.03 Lon 34.02W 0.02
Dep 15.0 FIX Half-duration 2.1
Principal Axes:
Scale 10••17 Nm

	Val=	Plg=	Azm=
T	1.83	0	219
N	-0.05	90	180
P	-1.78	0	129

Best Double Couple:Mo=1.8•10••17

	Strike=	Dip=	Slip=
NP1:	264	90	-180
NP2:	354	90	0

03 03 19 51.43 5.696S 151.164E 27km
5.8mb (69 obs.) 6.5Msz (57 obs.)
NEW BRITAIN REGION, P.N.G.
FAULT PLANE SOLUTION: P-Waves

	Strike=	Dip=	Slip=
NP1:	85	55	90
NP2:	265	35	90

Principal Axes:

	Plg=	Azm=
T	80	355
P	10	175

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 6.1±0.9•10••12 Nm
MOMENT TENSOR SOLUTION
Dep 30 No. of sta: 20
Principal Axes:
Scale 10••18 Nm

	Val=	Plg=	Azm=
T	6.76	69	47
N	0.30	16	268
P	-7.07	13	174

Best Double Couple:Mo=6.9•10••18

	Strike=	Dip=	Slip=
NP1:	244	35	61
NP2:	98	60	109

CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 34S, 99C M.W.: 26S, 54C
Centroid Location:
Origin Time 03:20: 3.3 0.1
Lat 5.66S 0.01 Lon 151.51E 0.01
Dep 34.0 BDY Half-duration 6.8
Principal Axes:
Scale 10••18 Nm

	Val=	Plg=	Azm=
T	6.18	68	0
N	0.69	6	255
P	-6.86	21	163

Best Double Couple:Mo=6.5•10••18

	Strike=	Dip=	Slip=
NP1:	242	25	76
NP2:	78	66	96

04 01 11 12.31 17.949S 178.365W 574km
5.6mb (73 obs.)
FIJI ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 32S, 70C
Centroid Location:
Origin Time 01:11:19.2 0.3
Lat 17.54S 0.03 Lon 178.32W 0.02
Dep 588.1 1.5 Half-duration 2.8
Principal Axes:
Scale 10••17 Nm

	Val=	Plg=	Azm=
T	4.74	27	26
N	1.78	20	126
P	-6.52	55	248

Best Double Couple:Mo=5.6•10••17

	Strike=	Dip=	Slip=
NP1:	76	25	-143
NP2:	312	75	-69

04 18 46 09.19 2.023S 128.379E 41km
5.1mb (22 obs.) 4.5Msz (6 obs.)
CERAM SEA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 20S, 32C
Centroid Location:
Origin Time 18:46:12.0 0.7
Lat 1.93S 0.07 Lon 128.52E 0.06
Dep 44.7 5.0 Half-duration 1.7
Principal Axes:
Scale 10••16 Nm

	Val=	Plg=	Azm=
T	7.73	33	0
N	1.86	55	158
P	-9.59	10	263

Best Double Couple:Mo=8.7•10••16

	Strike=	Dip=	Slip=
NP1:	37	59	163
NP2:	136	75	32

04 21 51 19.11 10.951S 166.051E 45km
5.4mb (44 obs.) 5.2Msz (7 obs.)
SANTA CRUZ ISLANDS

CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 35S, 70C
Centroid Location:
Origin Time 21:51:25.6 0.3
Lat 10.59S 0.03 Lon 165.86E 0.02
Dep 61.0 FIX Half-duration 2.5
Principal Axes:
Scale 10**17 Nm
T Val= 3.46 Plg=81 Azm=124
N 0.20 7 343
P -3.65 6 252
Best Double Couple:Mo=3.5*10**17
NP1:Strike=334 Dip=40 Slip= 79
NP2: 169 51 99

05 07 47 47.66 35.696N 80.661E 18km
5.5mb (85 obs.) 5.4Msz (7 obs.)
KASHMIR-XIJANG BORDER REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 26S, 50C
Centroid Location:
Origin Time 07:47:58.7 0.4
Lat 36.17N 0.05 Lon 80.75E 0.04
Dep 17.0 FIX Half-duration 2.4
Principal Axes:
Scale 10**17 Nm
T Val= 3.72 Plg=20 Azm=285
N 0.84 58 169
P -4.56 33 28
Best Double Couple:Mo=4.1*10**17
NP1:Strike= 62 Dip=52 Slip= -11
NP2: 159 81 -141

05 11 46 35.05 11.938S 166.324E 49km
5.6mb (62 obs.) 6.0Msz (28 obs.)
SANTA CRUZ ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 35S, 93C M.W.: 24S, 34C
Centroid Location:
Origin Time 11:46:42.8 0.2
Lat 11.61S 0.02 Lon 166.14E 0.01
Dep 39.0 BDY Half-duration 4.6
Principal Axes:
Scale 10**18 Nm
T Val= 1.68 Plg=73 Azm= 66
N 0.10 4 169
P -1.78 17 261
Best Double Couple:Mo=1.7*10**18
NP1:Strike=357 Dip=28 Slip= 99
NP2: 167 62 85

05 13 25 04.13 48.287N 155.771E 62km
5.4mb (99 obs.)
KURIL ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 27S, 52C
Centroid Location:
Origin Time 13:25: 7.0 0.5
Lat 48.27N FIX;Lon 155.85E FIX
Dep 62.0 FIX Half-duration 1.9
Principal Axes:
Scale 10**17 Nm
T Val= 1.72 Plg=80 Azm=330
N 0.07 7 195
P -1.78 7 104
Best Double Couple:Mo=1.8*10**17
NP1:Strike=186 Dip=39 Slip= 79
NP2: 20 52 99

05 14 13 40.22 11.270N 86.366W 32km
5.3mb (36 obs.) 5.7Msz (17 obs.)
NEAR COAST OF NICARAGUA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 31S, 70C
Centroid Location:
Origin Time 14:13:45.0 0.3
Lat 10.98N 0.03 Lon 86.66W 0.04
Dep 17.6 2.0 Half-duration 3.1
Principal Axes:
Scale 10**17 Nm
T Val= 5.29 Plg=62 Azm= 47
N 0.36 9 300
P -5.65 27 205
Best Double Couple:Mo=5.5*10**17
NP1:Strike=274 Dip=20 Slip= 63
NP2: 123 72 100

06 07 55 22.64 13.310N 44.892W 10km
5.0mb (6 obs.) 3.4Msz (1 obs.)
NORTHERN MID-ATLANTIC RIDGE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 16S, 22C
Centroid Location:
Origin Time 07:55:26.9 1.7
Lat 13.26N 0.15 Lon 44.85W 0.14
Dep 15.0 FIX Half-duration 1.5
Principal Axes:
Scale 10**16 Nm
T Val= 3.23 Plg= 0 Azm= 99
N -0.54 0 9
P -2.68 90 180
Best Double Couple:Mo=3.0*10**16
NP1:Strike=189 Dip=45 Slip= -90
NP2: 9 45 -90

06 13 54 40.22 50.724N 130.092W 20km
6.0mb (95 obs.) 6.8Msz (36 obs.)
VANCOUVER ISLAND REGION
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=155 Dip=90 Slip=-175
NP2: 65 85 -360
Principal Axes:
T Plg= 4 Azm=290
P 4 20
Comment: The focal mechanism is moderately well controlled and corresponds to strike-slip faulting with a small normal component. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 10 Focal mech. F
Energy 5.6±1.8*10**14 Nm
MOMENT TENSOR SOLUTION
Dep 13 No. of sta: 18
Principal Axes:
Scale 10**19 Nm
T Val= 1.11 Plg=10 Azm=277
N 0.27 74 150
P -1.38 12 9
Best Double Couple:Mo=1.2*10**19
NP1:Strike= 53 Dip=74 Slip= -2
NP2: 143 88 -164
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 26S, 75C M.W.: 28S, 70C
Centroid Location:
Origin Time 13:54:48.8 0.1
Lat 50.86N 0.01 Lon 130.52W 0.01
Dep 15.0 FIX Half-duration 8.4
Principal Axes:
Scale 10**19 Nm
T Val= 1.22 Plg= 4 Azm=285
N -0.06 70 27
P -1.16 20 194
Best Double Couple:Mo=1.2*10**19
NP1:Strike=331 Dip=73 Slip=-169
NP2: 238 79 -17

06 15 16 08.78 50.593N 129.918W 10km
5.5mb (61 obs.) 6.0Msz (11 obs.)
VANCOUVER ISLAND REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 23S, 50C M.W.: 1S, 1C
Centroid Location:
Origin Time 15:16:15.1 0.5
Lat 50.58N 0.06 Lon 130.79W 0.10
Dep 15.0 FIX Half-duration 3.9
Principal Axes:
Scale 10**17 Nm
T Val= 10.93 Plg= 9 Azm=122
N -1.55 76 254
P -9.38 10 30
Best Double Couple:Mo=1.0*10**18
NP1:Strike=166 Dip=76 Slip=-179
NP2: 76 89 -14

07 00 42 17.35 51.152N 130.337W 10km
4.9mb (26 obs.) 5.0Msz (11 obs.)
QUEEN CHARLOTTE ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 22S, 47C
Centroid Location:
Origin Time 00:42:21.9 0.4
Lat 51.07N 0.05 Lon 130.75W 0.08
Dep 15.0 FIX Half-duration 1.7
Principal Axes:
Scale 10**16 Nm
T Val= 8.63 Plg= 0 Azm=129
N -0.77 90 180
P -7.86 0 39
Best Double Couple:Mo=8.2*10**16
NP1:Strike=174 Dip=90 Slip=-180
NP2: 264 90 0

07 03 37 02.92 4.172S 131.005E 53km
5.9mb (52 obs.)
BANDA SEA
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=255 Dip=68 Slip= 158
NP2: 354 70 24
Principal Axes:
T Plg=31 Azm=215
P 1 124
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: 6 Focal mech. F
Energy 4.1±1.5*10**13 Nm
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 36S, 88C
Centroid Location:
Origin Time 03:37: 8.4 0.2
Lat 3.90S 0.02 Lon 131.33E 0.02
Dep 47.5 1.6 Half-duration 3.9
Principal Axes:
Scale 10**17 Nm
T Val= 12.50 Plg=36 Azm=217
N -0.95 54 50
P -11.55 6 311
Best Double Couple:Mo=1.2*10**18
NP1:Strike= 0 Dip=61 Slip= 23
NP2: 259 70 149

07 22 47 29.45 16.867S 168.129E 16km
5.3mb (34 obs.) 5.9Msz (30 obs.)
VANUATU ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 35S, 90C M.W.: 23S, 35C
Centroid Location:
Origin Time 22:47:33.5 0.2
Lat 16.74S 0.02 Lon 168.12E 0.02
Dep 15.0 FIX Half-duration 4.0
Principal Axes:
Scale 10**17 Nm
T Val= 11.54 Plg=27 Azm= 39
N -1.08 58 254
P -10.46 16 138
Best Double Couple:Mo=1.1*10**18
NP1:Strike=181 Dip=59 Slip= 9
NP2: 86 82 149

08 03 01 27.59 16.986S 168.264E 18km
5.5mb (31 obs.) 5.6Msz (21 obs.)
VANUATU ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 34S, 79C
Centroid Location:
Origin Time 03:01:36.1 0.2
Lat 16.29S 0.04 Lon 168.49E 0.03
Dep 15.0 FIX Half-duration 2.7
Principal Axes:
Scale 10**17 Nm
T Val= 3.88 Plg=33 Azm= 33
N 0.94 56 234
P -4.82 10 129
Best Double Couple:Mo=4.3*10**17
NP1:Strike=176 Dip=60 Slip= 18
NP2: 77 75 149

08 13 36 56.43 16.784S 168.310E 14km
5.3mb (37 obs.) 5.8Msz (15 obs.)
VANUATU ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 35S, 91C
Centroid Location:
Origin Time 13:37: 6.4 0.2
Lat 16.54S 0.03 Lon 168.42E 0.02
Dep 15.0 BDY Half-duration 3.3
Principal Axes:
Scale 10**17 Nm
T Val= 9.18 Plg=41 Azm= 38

N 0.75 48 213
P -9.93 3 306
Best Double Couple:Mo=9.6•10••17
NP1:Strike= 73 Dip=60 Slip= 150
NP2: 180 64 34

09 06 41 11.18 17.712S 174.432W 136km
5.5mb (63 obs.)
TONGA ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 34S, 80C
Centroid Location:
Origin Time 06:41:19.2 0.2
Lat 17.33S 0.03 Lon 174.06W 0.02
Dep 136.1 0.7 Half-duration 3.4
Principal Axes:
Scale 10••17 Nm
T Val= 8.64 Plg=45 Azm=106
N -0.71 6 201
P -7.93 45 297
Best Double Couple:Mo=8.3•10••17
NP1:Strike=112 Dip= 6 Slip=-179
NP2: 21 90 -84

09 20 02 45.83 46.702N 27.383W 19km
5.1mb (68 obs.) 4.6Msz (16 obs.)
NORTHERN MID-ATLANTIC RIDGE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 20S, 28C
Centroid Location:
Origin Time 20:02:46.9 0.9
Lat 46.91N 0.13 Lon 27.11W 0.12
Dep 15.0 FIX Half-duration 1.7
Principal Axes:
Scale 10••16 Nm
T Val= 5.22 Plg=22 Azm=266
N -0.27 6 358
P -4.95 67 102
Best Double Couple:Mo=5.1•10••16
NP1:Strike=345 Dip=23 Slip=-104
NP2: 181 67 -84

09 21 14 31.97 52.478N 160.322E 45km
5.4mb (97 obs.) 5.1Msz (13 obs.)
OFF EAST COAST OF KAMCHATKA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 30S, 54C
Centroid Location:
Origin Time 21:14:35.1 0.5
Lat 52.48N 0.04 Lon 161.06E 0.07
Dep 31.0 BDY Half-duration 1.7
Principal Axes:
Scale 10••16 Nm
T Val= 9.83 Plg=75 Azm=329
N 1.53 3 228
P -11.37 15 137
Best Double Couple:Mo=1.1•10••17
NP1:Strike=223 Dip=30 Slip= 84
NP2: 50 60 93

10 03 01 42.52 17.578S 167.985E 35km
5.3mb (30 obs.) 4.7Msz (5 obs.)
VANUATU ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 23S, 35C
Centroid Location:
Origin Time 03:01:46.2 1.0
Lat 17.45S 0.12 Lon 167.83E 0.11
Dep 31.7 5.9 Half-duration 1.6
Principal Axes:
Scale 10••16 Nm
T Val= 6.79 Plg=47 Azm=215
N 0.00 32 85
P -6.79 26 337
Best Double Couple:Mo=6.8•10••16
NP1:Strike= 20 Dip=34 Slip= 21
NP2: 272 78 122

10 09 33 07.32 33.943S 71.950W 32km
4.7mb (12 obs.)
NEAR COAST OF CENTRAL CHILE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 14S, 18C
Centroid Location:
Origin Time 09:33:12.2 0.8
Lat 33.68S 0.12 Lon 71.70W 0.16
Dep 32.0 FIX Half-duration 2.1
Principal Axes:
Scale 10••16 Nm
T Val= 4.95 Plg=18 Azm=205
N 1.34 56 323
P -6.30 28 106
Best Double Couple:Mo=5.6•10••16
NP1:Strike=248 Dip=57 Slip=-172
NP2: 154 83 -33

10 11 40 21.73 11.474S 165.842E 30km
5.0mb (18 obs.) 4.7Msz (2 obs.)
SANTA CRUZ ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 16S, 25C
Centroid Location:
Origin Time 11:40:22.6 0.7
Lat 11.52S FIX;Lon 165.89E FIX
Dep 17.6 FIX Half-duration 2.1
Principal Axes:
Scale 10••16 Nm
T Val= 8.41 Plg=55 Azm= 93
N 1.25 18 336
P -9.66 29 236
Best Double Couple:Mo=9.0•10••16
NP1:Strike=286 Dip=23 Slip= 38
NP2: 160 76 108

10 16 01 50.63 5.388N 125.945E 118km
5.1mb (44 obs.)
MINDANAO, PHILIPPINE ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 30S, 43C
Centroid Location:
Origin Time 16:01:51.4 0.4
Lat 5.34N 0.04 Lon 125.82E 0.04
Dep 108.4 2.8 Half-duration 3.0
Principal Axes:
Scale 10••16 Nm
T Val= 9.94 Plg=58 Azm=246
N -0.46 12 355
P -9.49 29 92
Best Double Couple:Mo=9.7•10••16
NP1:Strike=212 Dip=19 Slip= 129
NP2: 352 75 78

10 16 14 59.06 4.351S 104.528E 227km
5.4mb (66 obs.)
SOUTHERN SUMATERA, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 21S, 39C
Centroid Location:
Origin Time 16:15: 3.6 0.5
Lat 4.46S 0.04 Lon 104.62E 0.07
Dep 236.3 3.4 Half-duration 1.6
Principal Axes:
Scale 10••16 Nm
T Val= 11.32 Plg=59 Azm=203
N 2.45 24 65
P -13.78 18 326
Best Double Couple:Mo=1.3•10••17
NP1:Strike= 24 Dip=34 Slip= 44
NP2: 255 67 116

12 18 37 16.58 29.515N 131.396E 39km
5.6mb (92 obs.) 5.4Msz (5 obs.)
SOUTHEAST OF RYUKYU ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 30S, 64C
Centroid Location:
Origin Time 18:37:16.6 0.3
Lat 29.23N 0.04 Lon 131.64E 0.03
Dep 37.7 2.4 Half-duration 2.4
Principal Axes:
Scale 10••17 Nm
T Val= 3.34 Plg=10 Azm=289
N -0.42 19 22
P -2.92 68 174
Best Double Couple:Mo=3.1•10••17
NP1:Strike=357 Dip=39 Slip=-122
NP2: 215 57 -67

13 01 20 00.82 51.153N 5.798E 21km
5.5mb (56 obs.) 5.2Msz (16 obs.)
THE NETHERLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 25S, 44C
Centroid Location:
Origin Time 01:20: 6.7 0.5
Lat 51.56N 0.07 Lon 5.63E 0.08
Dep 15.0 BDY Half-duration 1.9
Principal Axes:
Scale 10••16 Nm
T Val= 13.72 Plg=23 Azm=230
N -0.93 3 321
P -12.79 67 58
Best Double Couple:Mo=1.3•10••17
NP1:Strike=314 Dip=22 Slip= -98
NP2: 143 68 -87

13 03 45 18.65 37.391S 93.725W 10km
4.8mb (7 obs.)
WEST CHILE RISE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 18S, 21C
Centroid Location:
Origin Time 03:45:20.8 0.7
Lat 37.79S 0.07 Lon 93.83W 0.07
Dep 15.0 FIX Half-duration 1.4
Principal Axes:
Scale 10••16 Nm
T Val= 4.81 Plg= 0 Azm= 91
N 0.13 0 1
P -4.94 90 180
Best Double Couple:Mo=4.9•10••16
NP1:Strike=181 Dip=45 Slip= -90
NP2: 1 45 -90

13 05 58 45.70 39.123N 142.272E 58km
5.2mb (76 obs.)
NEAR EAST COAST OF HONSHU, JAPAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 27S, 44C
Centroid Location:
Origin Time 05:58:45.1 0.4
Lat 39.09N 0.05 Lon 142.42E 0.04
Dep 60.0 3.8 Half-duration 1.6
Principal Axes:
Scale 10••16 Nm
T Val= 7.19 Plg=69 Azm= 69
N -2.32 2 164
P -4.87 21 255
Best Double Couple:Mo=6.0•10••16
NP1:Strike=348 Dip=24 Slip= 95
NP2: 163 66 88

15 01 32 09.90 24.315N 94.898E 116km
5.6mb (128 obs.)
MYANMAR-INDIA BORDER REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 28S, 53C
Centroid Location:
Origin Time 01:32:11.6 0.3
Lat 23.96N 0.03 Lon 94.57E 0.03
Dep 142.5 1.1 Half-duration 2.9
Principal Axes:
Scale 10••17 Nm
T Val= 4.45 Plg=66 Azm=114
N -0.71 24 306
P -3.74 4 214
Best Double Couple:Mo=4.1•10••17
NP1:Strike=281 Dip=45 Slip= 56
NP2: 145 54 120

15 05 35 03.20 50.232N 176.049W 38km
5.6mb (110 obs.) 4.8Msz (23 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 31S, 56C
Centroid Location:
Origin Time 05:35: 1.9 0.3
Lat 50.16N 0.03 Lon 175.90W 0.07
Dep 15.0 FIX Half-duration 2.1
Principal Axes:
Scale 10••17 Nm
T Val= 1.91 Plg= 4 Azm=168
N -0.25 1 258
P -1.67 86 0
Best Double Couple:Mo=1.8•10••17
NP1:Strike=257 Dip=41 Slip= -91
NP2: 78 49 -89

15 10 38 06.54 41.115S 91.741W 10km
5.0mb (2 obs.) 5.1Msz (1 obs.)
SOUTHERN PACIFIC OCEAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 16S, 18C
Centroid Location:

Origin Time 10:38:11.8 0.7
Lat 41.17S 0.08 Lon 91.72W 0.08
Dep 15.0 FIX Half-duration 1.2
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	5.28	0	90
N	-1.43	0	180
P	-3.84	90	180

Best Double Couple:Mo=4.6*10**16
NP1:Strike=180 Dip=45 Slip= -90
NP2: 0 45 -90

15 19 43 48.49 3.283S 142.813E 24km
5.3mb (26 obs.) 4.6Msz (7 obs.)
NEAR N COAST OF NEW GUINEA, PNG.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 22S, 33C
Centroid Location:
Origin Time 19:43:50.0 0.4
Lat 3.34S 0.04 Lon 143.21E 0.04
Dep 43.8 4.3 Half-duration 1.6
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	10.83	44	299
N	0.61	41	151
P	-11.44	17	46

Best Double Couple:Mo=1.1*10**17
NP1:Strike= 94 Dip=46 Slip= 24
NP2: 347 73 133

16 08 00 54.24 1.186N 122.586E 30km
5.6mb (64 obs.) 5.6Msz (19 obs.)
MINAHASSA PENINSULA, SULAWESI
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 33S, 80C
Centroid Location:
Origin Time 08:00:59.8 0.2
Lat 1.45N 0.02 Lon 122.68E 0.02
Dep 24.9 1.4 Half-duration 4.3
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	1.61	56	158
N	0.15	7	259
P	-1.76	33	354

Best Double Couple:Mo=1.7*10**18
NP1:Strike=111 Dip=14 Slip= 122
NP2: 258 78 82

16 18 33 05.38 20.004S 68.479W 122km
5.6mb (52 obs.)
CHILE-BOLIVIA BORDER REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 30S, 63C
Centroid Location:
Origin Time 18:33:10.0 0.2
Lat 20.30S 0.02 Lon 68.92W 0.03
Dep 130.1 1.2 Half-duration 3.1
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	6.15	25	79
N	-1.34	22	338
P	-4.81	56	212

Best Double Couple:Mo=5.5*10**17
NP1:Strike=207 Dip=28 Slip= -37
NP2: 331 73 -113

16 23 54 04.24 5.685S 149.085E 146km
5.7mb (70 obs.)
NEW BRITAIN REGION, P.N.G.
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 95 Dip=82 Slip= 80
NP2: 327 13 141
Principal Axes:

	Plg=	Azm=
T	52	353
P	36	194

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: 5 Focal mech. M
Energy 6.4±2.6*10**12 Nm
MOMENT TENSOR SOLUTION
Dep 135 No. of sta: 15
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	5.54	56	2
N	-0.13	3	96
P	-5.41	34	188

Best Double Couple:Mo=5.5*10**17
NP1:Strike=290 Dip=12 Slip= 105
NP2: 95 79 87
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 32S, 67C
Centroid Location:
Origin Time 23:54: 8.6 0.2
Lat 5.65S 0.02 Lon 149.17E 0.02
Dep 139.8 0.9 Half-duration 2.9
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	5.45	52	343
N	0.12	21	101
P	-5.56	31	204

Best Double Couple:Mo=5.5*10**17
NP1:Strike=340 Dip=24 Slip= 152
NP2: 97 79 69

18 09 16 52.85 5.454S 103.001E 29km
5.7mb (88 obs.) 6.4Msz (54 obs.)
SOUTHERN SUMATERA, INDONESIA
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=100 Dip=60 Slip= 90
NP2: 280 30 90
Principal Axes:

	Plg=	Azm=
T	75	10
P	15	190

Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
RADIATED ENERGY
No. of sta: 9 Focal mech. F
Energy 7.0±1.1*10**12 Nm
MOMENT TENSOR SOLUTION
Dep 36 No. of sta: 12
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	9.74	76	94
N	0.11	14	287
P	-9.85	3	196

Best Double Couple:Mo=9.8*10**18
NP1:Strike=272 Dip=44 Slip= 69
NP2: 119 50 109
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 36S, **C M.W.: 26S, 43C
Centroid Location:
Origin Time 09:17: 1.1 0.1
Lat 5.88S 0.01 Lon 102.93E 0.01
Dep 17.0 BDY Half-duration 6.7
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	9.03	54	24
N	0.27	2	117
P	-9.30	36	208

Best Double Couple:Mo=9.2*10**18
NP1:Strike=307 Dip=10 Slip= 101
NP2: 116 81 88

18 14 28 13.10 5.610S 102.881E 32km
5.4mb (36 obs.) 4.9Msz (8 obs.)
SOUTHERN SUMATERA, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 21S, 29C
Centroid Location:
Origin Time 14:28:18.9 0.7
Lat 5.50S FIX;Lon 103.02E FIX
Dep 15.0 FIX Half-duration 2.9
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.70	49	3
N	0.06	8	103
P	-1.76	40	199

Best Double Couple:Mo=1.7*10**17
NP1:Strike=342 Dip= 9 Slip= 149
NP2: 102 85 82

19 18 32 19.00 23.861N 121.594E 16km
5.8mb (106 obs.) 6.1Msz (17 obs.)
TAIWAN
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 45 Dip=60 Slip= 125
NP2: 171 45 45
Principal Axes:

	Plg=	Azm=
T	59	6
P	9	111

Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting with a large strike-slip component. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 6 Focal mech. F
Energy 2.5±0.6*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 16 No. of sta: 13
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	2.22	67	310
N	-0.11	3	213
P	-2.11	23	121

Best Double Couple:Mo=2.2*10**18
NP1:Strike=205 Dip=23 Slip= 82
NP2: 34 68 93
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 30S, 65C M.W.: 14S, 22C
Centroid Location:
Origin Time 18:32:23.0 0.2
Lat 23.78N 0.02 Lon 121.59E 0.02
Dep 30.8 0.9 Half-duration 4.2
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	1.56	58	28
N	-0.01	28	241
P	-1.55	15	143

Best Double Couple:Mo=1.6*10**18
NP1:Strike=200 Dip=39 Slip= 42
NP2: 75 65 121

20 02 36 36.75 22.218S 170.508E 24km
5.6mb (42 obs.) 5.4Msz (29 obs.)
LOYALTY ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 35S, 80C
Centroid Location:
Origin Time 02:36:41.5 0.2
Lat 22.40S 0.03 Lon 170.20E 0.02
Dep 17.6 1.4 Half-duration 2.7
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	4.34	70	358
N	0.17	13	124
P	-4.51	16	218

Best Double Couple:Mo=4.4*10**17
NP1:Strike=326 Dip=31 Slip= 115
NP2: 117 62 76

20 13 42 56.23 7.533S 130.165E 31km
5.1mb (33 obs.) 4.8Msz (11 obs.)
TANIMBAR ISLANDS REG., INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 31S, 62C
Centroid Location:
Origin Time 13:43: 1.1 0.3
Lat 7.81S 0.03 Lon 130.47E 0.03
Dep 45.3 2.3 Half-duration 2.0
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.66	74	332
N	0.16	0	241
P	-1.83	16	151

Best Double Couple:Mo=1.7*10**17
NP1:Strike=241 Dip=29 Slip= 90
NP2: 62 61 90

20 21 39 26.08 28.209S 12.604W 10km
4.9mb (13 obs.) 4.9Msz (1 obs.)
SOUTHERN MID-ATLANTIC RIDGE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 27S, 43C
Centroid Location:
Origin Time 21:39:34.7 0.8
Lat 28.20S 0.07 Lon 12.77W 0.06
Dep 15.0 FIX Half-duration 1.6
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	9.98	3	29
N	-2.17	76	132
P	-7.81	13	298

Best Double Couple:Mo=8.9*10**16
NP1:Strike= 74 Dip=78 Slip=-173
NP2: 343 83 -12

22 19 20 51.22 6.091S 151.354E 45km
5.3mb (42 obs.) 4.7Msz (9 obs.)

NEW BRITAIN REGION, P.N.G.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 27S, 48C
Centroid Location:
Origin Time 19:20:50.1 0.3
Lat 6.44S 0.04 Lon 151.87E 0.05
Dep 15.0 FIX Half-duration 2.6
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	9.64	16	164
N	2.81	18	68
P	-12.46	65	293

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

	Strike=	Dip=	Slip=
NP1:	278	33	-55
NP2:	59	63	-110

22 21 43 13.05 60.776S 22.815W 33km
5.1mb (9 obs.)
SOUTH SANDWICH ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 21S, 37C
Centroid Location:
Origin Time 21:43:13.1 0.4
Lat 61.39S 0.06 Lon 22.91W 0.14
Dep 15.0 FIX Half-duration 1.6
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	9.97	3	319
N	-1.41	79	66
P	-8.56	11	228

Best Double Couple:Mo=9.3*10**16

	Strike=	Dip=	Slip=
NP1:	4	80	-175
NP2:	273	85	-10

23 04 50 23.22 33.961N 116.318W 12km
5.7mb (86 obs.) 6.3Msz (36 obs.)
SOUTHERN CALIFORNIA
FAULT PLANE SOLUTION: P-Waves

	Strike=	Dip=	Slip=
NP1:	305	74	165
NP2:	39	76	17

Principal Axes:

	Plg=	Azm=
T	22	262
P	1	172

Comment: The focal mechanism is moderately well controlled and corresponds to right-lateral strike slip faulting with a moderate reverse component. The preferred fault plane is NP1.
RADIATED ENERGY
No. of sta: 7 Focal mech. F
Energy 4.5±1.1*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 12 No. of sta: 9
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	2.11	6	127
N	0.61	77	245
P	-2.72	12	35

Best Double Couple:Mo=2.4*10**18

	Strike=	Dip=	Slip=
NP1:	172	77	-176
NP2:	81	86	-13

CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 27S, 72C M.W.: 21S, 42C
Centroid Location:
Origin Time 04:50:29.5 0.1
Lat 34.07N 0.01 Lon 116.52W 0.02
Dep 15.0 FIX Half-duration 8.3
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	2.26	1	306
N	-0.30	87	191
P	-1.96	3	36

Best Double Couple:Mo=2.1*10**18

	Strike=	Dip=	Slip=
NP1:	81	87	-1
NP2:	171	89	-177

23 05 40 11.36 51.486N 130.907W 10km
5.0mb (39 obs.) 5.8Msz (5 obs.)
QUEEN CHARLOTTE ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 14S, 30C
Centroid Location:
Origin Time 05:40:16.3 0.8
Lat 51.28N 0.11 Lon 130.88W 0.14
Dep 15.0 FIX Half-duration 2.5
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	3.58	26	289
N	-0.89	52	57
P	-2.70	25	185

Best Double Couple:Mo=3.1*10**17

	Strike=	Dip=	Slip=
NP1:	327	52	180
NP2:	57	90	38

23 12 21 17.29 29.429N 131.364E 40km
5.8mb (107 obs.) 5.3Msz (16 obs.)
SOUTHEAST OF RYUKYU ISLANDS
FAULT PLANE SOLUTION: P-Waves

	Strike=	Dip=	Slip=
NP1:	230	78	-90
NP2:	50	12	-90

Principal Axes:

	Plg=	Azm=
T	33	320
P	57	140

Comment: The focal mechanism is poorly controlled and corresponds to normal faulting. The preferred fault plane is NP1.
RADIATED ENERGY
No. of sta: 9 Focal mech. F
Energy 2.6±0.7*10**12 Nm
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 28S, 63C
Centroid Location:
Origin Time 12:21:17.2 0.2
Lat 29.23N 0.03 Lon 131.75E 0.03
Dep 36.2 2.0 Half-duration 2.6
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	4.02	14	292
N	-0.61	14	25
P	-3.42	70	159

Best Double Couple:Mo=3.7*10**17

	Strike=	Dip=	Slip=
NP1:	3	33	-117
NP2:	214	61	-74

23 14 18 35.15 22.437N 98.904E 12km
5.8mb (117 obs.) 6.1Msz (32 obs.)
MYANMAR-CHINA BORDER REGION
FAULT PLANE SOLUTION: P-Waves

	Strike=	Dip=	Slip=
NP1:	175	90	-180
NP2:	265	90	0

Principal Axes:

	Plg=	Azm=
T	0	130
P	0	40

Comment: The focal mechanism is moderately well controlled and corresponds to strike-slip faulting. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 6 Focal mech. F
Energy 3.1±0.8*10**13 Nm
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 30S, 74C M.W.: 25S, 37C
Centroid Location:
Origin Time 14:18:40.9 0.2
Lat 22.54N 0.02 Lon 98.97E 0.02
Dep 15.0 FIX Half-duration 4.4
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	1.52	1	308
N	0.12	73	42
P	-1.64	17	218

Best Double Couple:Mo=1.6*10**18

	Strike=	Dip=	Slip=
NP1:	354	77	-168
NP2:	262	79	-13

23 15 32 49.14 22.418N 98.852E 10km
5.9mb (122 obs.) 6.3Msz (32 obs.)
MYANMAR-CHINA BORDER REGION
FAULT PLANE SOLUTION: P-Waves

	Strike=	Dip=	Slip=
NP1:	175	90	-180
NP2:	265	90	0

Principal Axes:

	Plg=	Azm=
T	0	130
P	0	40

Comment: The focal mechanism is poorly controlled and corresponds to strike-slip faulting. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 5 Focal mech. F
Energy 1.3±0.5*10**14 Nm
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 28S, 70C M.W.: 24S, 41C
Centroid Location:
Origin Time 15:32:54.0 0.2
Lat 22.40N 0.02 Lon 98.85E 0.02
Dep 15.0 FIX Half-duration 4.4
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	1.79	11	301
N	0.26	67	57
P	-2.06	20	207

Best Double Couple:Mo=1.9*10**18

	Strike=	Dip=	Slip=
NP1:	345	68	-173
NP2:	252	84	-22

24 03 24 01.13 3.516S 144.849E 23km
5.6mb (33 obs.) 5.2Msz (10 obs.)
NEAR N COAST OF NEW GUINEA, PNG.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 34S, 75C
Centroid Location:
Origin Time 03:24: 3.8 0.3
Lat 3.57S 0.04 Lon 145.21E 0.04
Dep 15.0 FIX Half-duration 2.2
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	2.24	24	316
N	-0.42	66	125
P	-1.81	4	224

Best Double Couple:Mo=2.0*10**17

	Strike=	Dip=	Slip=
NP1:	357	71	166
NP2:	92	76	20

24 07 07 23.91 27.550N 66.065E 25km
5.9mb (119 obs.) 6.1Msz (27 obs.)
PAKISTAN
FAULT PLANE SOLUTION: P-Waves

	Strike=	Dip=	Slip=
NP1:	250	72	147
NP2:	351	59	21

Principal Axes:

	Plg=	Azm=
T	36	207
P	8	303

Comment: The focal mechanism is poorly controlled and corresponds to strike-slip faulting with a large reverse component. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 8 Focal mech. F
Energy 3.8±1.2*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 33 No. of sta: 14
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	1.84	30	213
N	0.67	60	33
P	-2.51	0	303

Best Double Couple:Mo=2.2*10**18

	Strike=	Dip=	Slip=
NP1:	352	69	22
NP2:	254	69	158

CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 40S, **C M.W.: 22S, 38C
Centroid Location:
Origin Time 07:07:27.6 0.2
Lat 27.47N 0.02 Lon 65.97E 0.02
Dep 15.0 BDY Half-duration 4.3
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	14.84	37	66
N	-4.12	53	235
P	-10.72	6	332

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

	Strike=	Dip=	Slip=
NP1:	102	60	156
NP2:	205	69	32

24 12 51 54.11 8.391N 141.009E 44km
5.5mb (52 obs.) 5.1Msz (18 obs.)
WESTERN CAROLINE ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 28S, 58C
Centroid Location:
Origin Time 12:51:56.5 0.4
Lat 8.75N 0.04 Lon 140.96E 0.04
Dep 15.0 FIX Half-duration 2.4
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	2.78	15	194
N	0.53	63	316
P	-3.32	22	98

Best Double Couple:Mo=3.0*10**17

	Strike=	Dip=	Slip=
NP1:	237	63	-175

NP2: 145 86 -27

24 17 38 53.14 9.028S 109.735W 10km
5.2mb (24 obs.) 5.7Msz (17 obs.)
CENTRAL EAST PACIFIC RISE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 38S, 92C
Centroid Location:
Origin Time 17:38:57.2 0.2
Lat 9.09S 0.01 Lon 109.49W 0.02
Dep 15.0 FIX Half-duration 3.5
Principal Axes:
Scale 10**17 Nm
T Val= 8.21 Plg= 0 Azm=147
N -0.02 90 180
P -8.19 0 57
Best Double Couple:Mo=8.2*10**17
NP1:Strike=192 Dip=90 Slip=-180
NP2: 282 90 0

25 12 46 16.94 38.583N 14.936E 246km
5.4mb (102 obs.)
SICILY
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 27C
Centroid Location:
Origin Time 12:46:18.1 1.1
Lat 38.56N 0.08 Lon 14.67E 0.10
Dep 247.5 3.7 Half-duration 2.1
Principal Axes:
Scale 10**16 Nm
T Val= 6.37 Plg=12 Azm=211
N -0.68 29 114
P -5.68 58 320
Best Double Couple:Mo=6.0*10**16
NP1:Strike=332 Dip=42 Slip= -43
NP2: 97 63 -123

25 18 06 04.21 40.368N 124.316W 15km
6.3mb (120 obs.) 7.1Msz (41 obs.)
NEAR COAST OF NORTHERN CALIF.
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=172 Dip=77 Slip= 90
NP2: 352 13 90
Principal Axes:
T Plg=58 Azm= 82
P 32 262
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
RADIATED ENERGY
No. of sta: 10 Focal mech. F
Energy 8.3±0.7*10**14 Nm
MOMENT TENSOR SOLUTION
Dep 6 No. of sta: 17
Principal Axes:
Scale 10**19 Nm
T Val= 5.41 Plg=56 Azm= 62
N -0.71 19 182
P -4.70 28 282
Best Double Couple:Mo=5.1*10**19
NP1:Strike= 51 Dip=25 Slip= 142
NP2: 177 75 70
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 33S, 97C M.W.: 35S, 66C
Centroid Location:
Origin Time 18:06:11.8 0.1
Lat 40.25N 0.01 Lon 124.31W 0.01
Dep 15.0 FIX Half-duration 17.6
Principal Axes:
Scale 10**19 Nm
T Val= 7.04 Plg=53 Azm= 87
N -0.70 3 353
P -6.34 37 261
Best Double Couple:Mo=6.7*10**19
NP1:Strike=331 Dip= 9 Slip= 68
NP2: 173 82 93

26 01 25 14.84 2.369N 123.054E 447km
5.5mb (71 obs.)
CELEBES SEA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 28S, 51C
Centroid Location:
Origin Time 01:25:21.2 0.6
Lat 2.83N 0.05 Lon 122.39E 0.05
Dep 422.8 2.8 Half-duration 2.3
Principal Axes:
Scale 10**17 Nm
T Val= 2.84 Plg=33 Azm=160
N 0.15 40 37
P -2.99 32 275
Best Double Couple:Mo=2.9*10**17
NP1:Strike=308 Dip=40 Slip= 1
NP2: 217 89 130

26 07 41 39.73 40.415N 124.603W 20km
5.9mb (101 obs.) 6.6Msz (38 obs.)
NEAR COAST OF NORTHERN CALIF.
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=215 Dip=83 Slip= 5
NP2: 124 85 173
Principal Axes:
T Plg= 8 Azm= 80
P 1 170
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: 11 Focal mech. F
Energy 9.6±2.2*10**14 Nm
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 33S, 92C M.W.: 30S, 63C
Centroid Location:
Origin Time 07:41:48.8 0.1
Lat 40.37N 0.01 Lon 124.61W 0.01
Dep 15.0 FIX Half-duration 6.2
Principal Axes:
Scale 10**18 Nm
T Val= 4.81 Plg=16 Azm= 80
N 2.29 74 241
P -7.10 5 348
Best Double Couple:Mo=6.0*10**18
NP1:Strike=123 Dip=75 Slip= 172
NP2: 215 83 15

26 11 18 25.79 40.378N 124.575W 22km
6.5mb (115 obs.) 6.6Msz (38 obs.)
NEAR COAST OF NORTHERN CALIF.
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=128 Dip=84 Slip= 166
NP2: 219 76 6
Principal Axes:
T Plg=14 Azm= 83
P 6 174
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: 9 Focal mech. F
Energy 5.6±1.3*10**15 Nm
MOMENT TENSOR SOLUTION
Dep 26 No. of sta: 13
Principal Axes:
Scale 10**19 Nm
T Val= 1.07 Plg= 8 Azm=267
N 0.33 82 98
P -1.40 2 357
Best Double Couple:Mo=1.2*10**19
NP1:Strike= 42 Dip=84 Slip= 4
NP2: 312 86 174
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 32S, 86C M.W.: 31S, 73C
Centroid Location:
Origin Time 11:18:30.5 0.1
Lat 40.42N 0.01 Lon 124.69W 0.01
Dep 15.0 FIX Half-duration 7.8
Principal Axes:
Scale 10**18 Nm
T Val= 9.42 Plg=17 Azm= 84
N 1.12 67 310
P -10.54 15 179
Best Double Couple:Mo=1.0*10**19
NP1:Strike=222 Dip=67 Slip= 1
NP2: 132 89 157

27 08 29 53.71 12.278N 87.091W 76km
5.2mb (59 obs.)
NEAR COAST OF NICARAGUA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 36S, 72C
Centroid Location:
Origin Time 08:29:55.3 0.3
Lat 12.00N 0.03 Lon 87.30W 0.03
Dep 68.8 3.6 Half-duration 2.6
Principal Axes:
Scale 10**17 Nm
T Val= 3.91 Plg=32 Azm= 41
N 0.66 11 304
P -4.57 55 197
Best Double Couple:Mo=4.2*10**17
NP1:Strike=167 Dip=16 Slip= -45
NP2: 302 78 -102

28 01 55 47.23 5.602N 124.054E 477km
5.5mb (93 obs.)
MINDANAO, PHILIPPINE ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 35S, 72C
Centroid Location:
Origin Time 01:55:50.1 0.2
Lat 5.55N 0.02 Lon 123.91E 0.02
Dep 473.1 1.2 Half-duration 3.5
Principal Axes:
Scale 10**17 Nm
T Val= 8.48 Plg=34 Azm= 64
N -0.36 8 329
P -8.12 55 227
Best Double Couple:Mo=8.3*10**17
NP1:Strike=186 Dip=13 Slip= -52
NP2: 327 80 -98

28 09 31 21.72 8.921N 124.071E 568km
5.2mb (61 obs.)
MINDANAO, PHILIPPINE ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 22S, 28C
Centroid Location:
Origin Time 09:31:24.2 0.6
Lat 9.10N 0.06 Lon 124.07E 0.05
Dep 556.8 4.1 Half-duration 2.3
Principal Axes:
Scale 10**17 Nm
T Val= 1.23 Plg=40 Azm= 63
N 0.34 7 327
P -1.57 49 228
Best Double Couple:Mo=1.4*10**17
NP1:Strike=203 Dip= 9 Slip= -33
NP2: 326 85 -98

29 09 25 43.42 10.703S 166.029E 33km
5.4mb (50 obs.) 5.7Msz (24 obs.)
SANTA CRUZ ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 38S, 91C
Centroid Location:
Origin Time 09:25:49.2 0.2
Lat 10.33S 0.02 Lon 166.27E 0.02
Dep 15.0 FIX Half-duration 3.6
Principal Axes:
Scale 10**17 Nm
T Val= 9.10 Plg= 6 Azm=208
N -0.45 75 322
P -8.65 14 116
Best Double Couple:Mo=8.9*10**17
NP1:Strike=253 Dip=76 Slip=-175
NP2: 161 85 -14

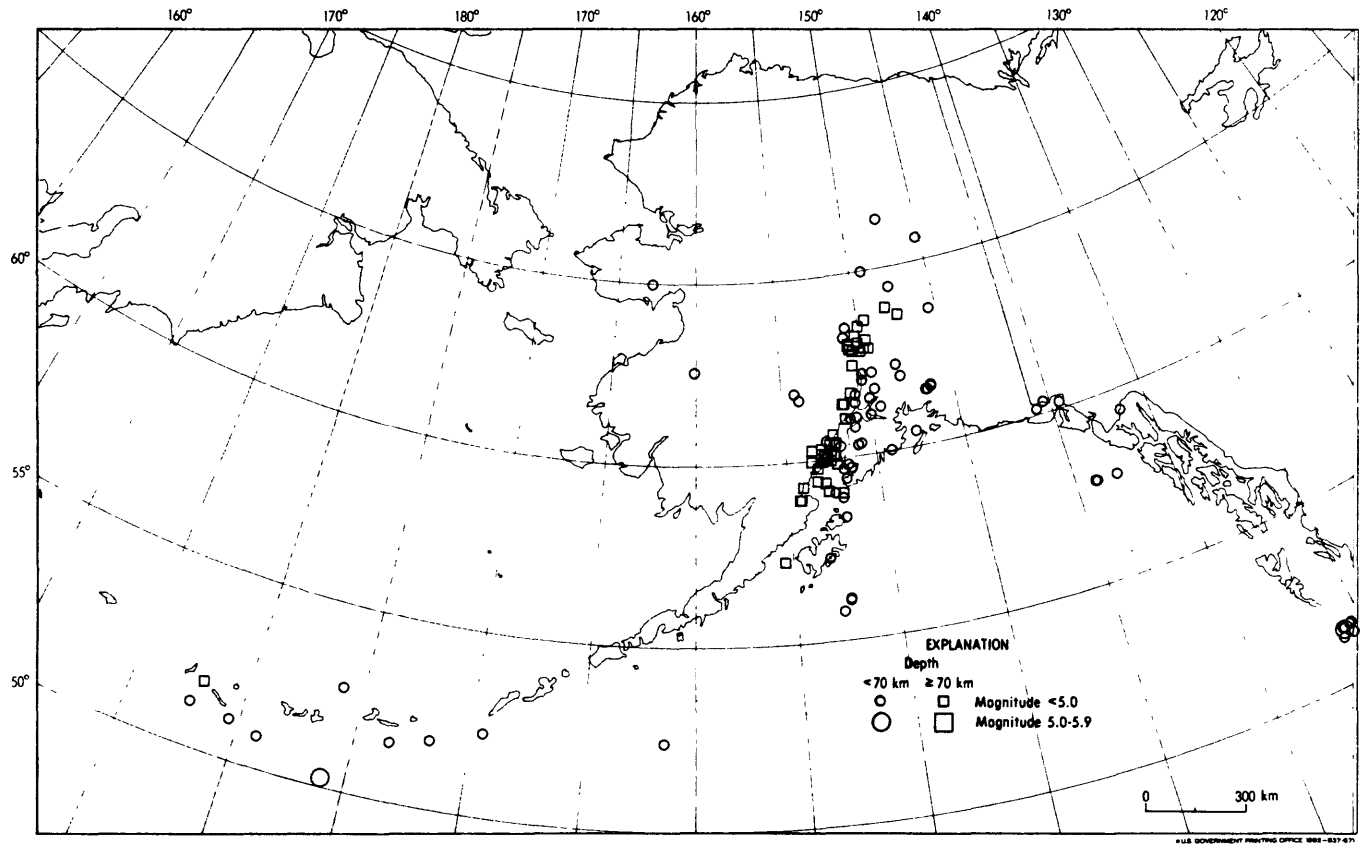
29 11 26 05.07 10.375N 125.126E 30km
5.1mb (41 obs.) 5.1Msz (11 obs.)
LEYTE, PHILIPPINE ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 29S, 52C
Centroid Location:
Origin Time 11:26: 8.1 0.5
Lat 10.43N 0.05 Lon 125.06E 0.07
Dep 24.4 4.9 Half-duration 2.2
Principal Axes:
Scale 10**17 Nm
T Val= 2.04 Plg=21 Azm=346
N -0.64 50 229
P -1.40 33 90
Best Double Couple:Mo=1.7*10**17
NP1:Strike=124 Dip=51 Slip= -10
NP2: 220 82 -141

30 06 36 45.00 21.912N 143.197E 21km
4.9mb (36 obs.) 4.8Msz (19 obs.)
MARIANA ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)

```
   Data Used: GDSN
   L.P.B.: 30S, 51C
   Centroid Location:
   Origin Time        06:36:48.3 0.4
   Lat 21.61N 0.07 Lon 142.82E 0.05
   Dep  15.0 FIX Half-duration  1.6
   Principal Axes:
     Scale 10**16 Nm
     T  Val= 15.39  Plg=24  Azm= 61
     N       -1.54       2      152
     P      -13.85      66      246
   Best Double Couple:Mo=1.5*10**17
    NP1:Strike=148 Dip=21 Slip= -95
    NP2:       333     69      -88
```

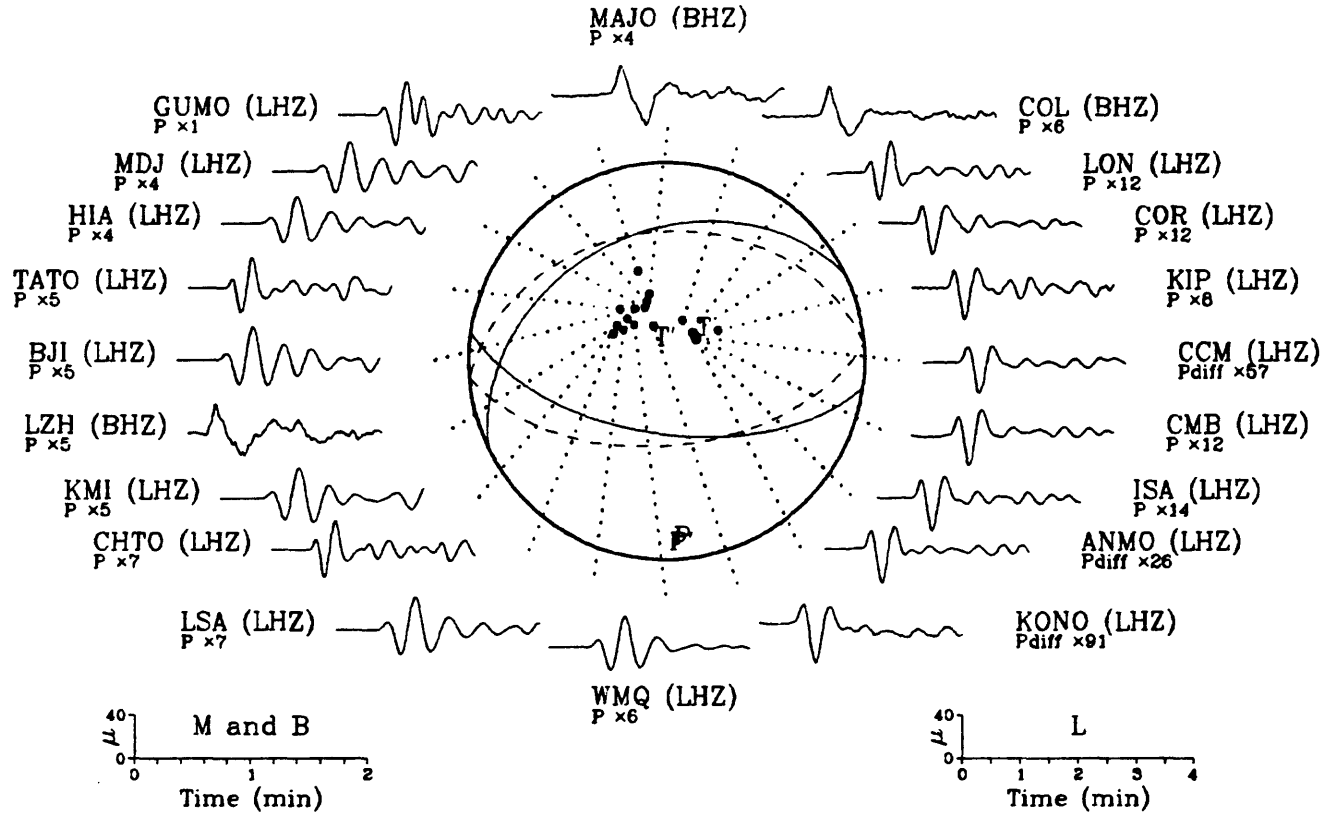
```
30 11 44 38.95  35.059N  26.655E  20km
   5.7mb (104 obs.)  5.7Msz ( 24 obs.)
   CRETE
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 38S, 83C
   Centroid Location:
   Origin Time        11:44:43.6 0.3
   Lat 35.04N 0.05 Lon  26.20E 0.03
   Dep  32.7 2.3 Half-duration  3 1
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  5.63  Plg= 8  Azm= 93
     N       -0.92      10      185
     P       -4.71      78      325
   Best Double Couple:Mo=5.2*10**17
    NP1:Strike=172 Dip=38 Slip=-106
    NP2:       12     53      -78
```

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.



Earthquake epicenters in Alaska and adjacent regions for April, 1992 (C. Stover).

03 April 1992 03:19:51.43
New Britain Region, P.N.G.



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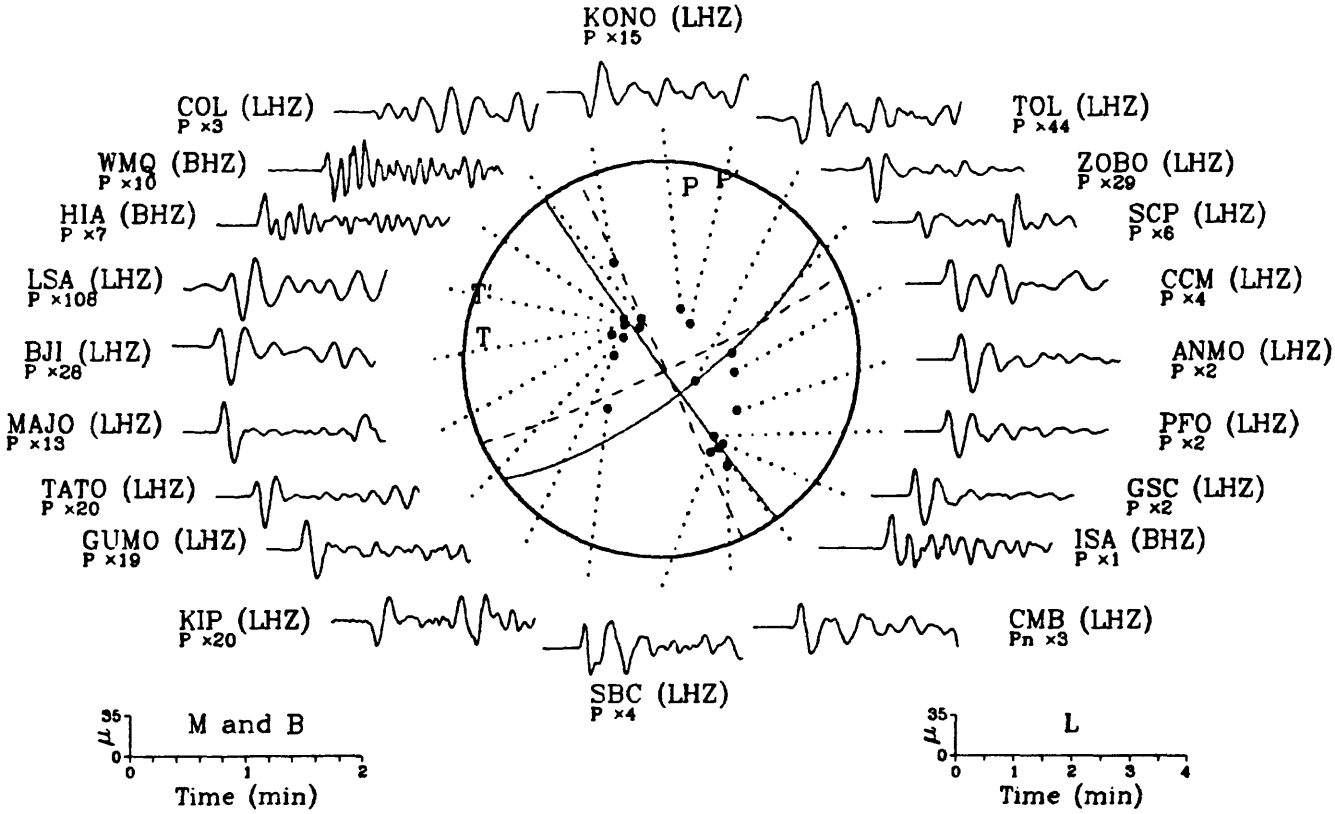
Vancouver Island Region



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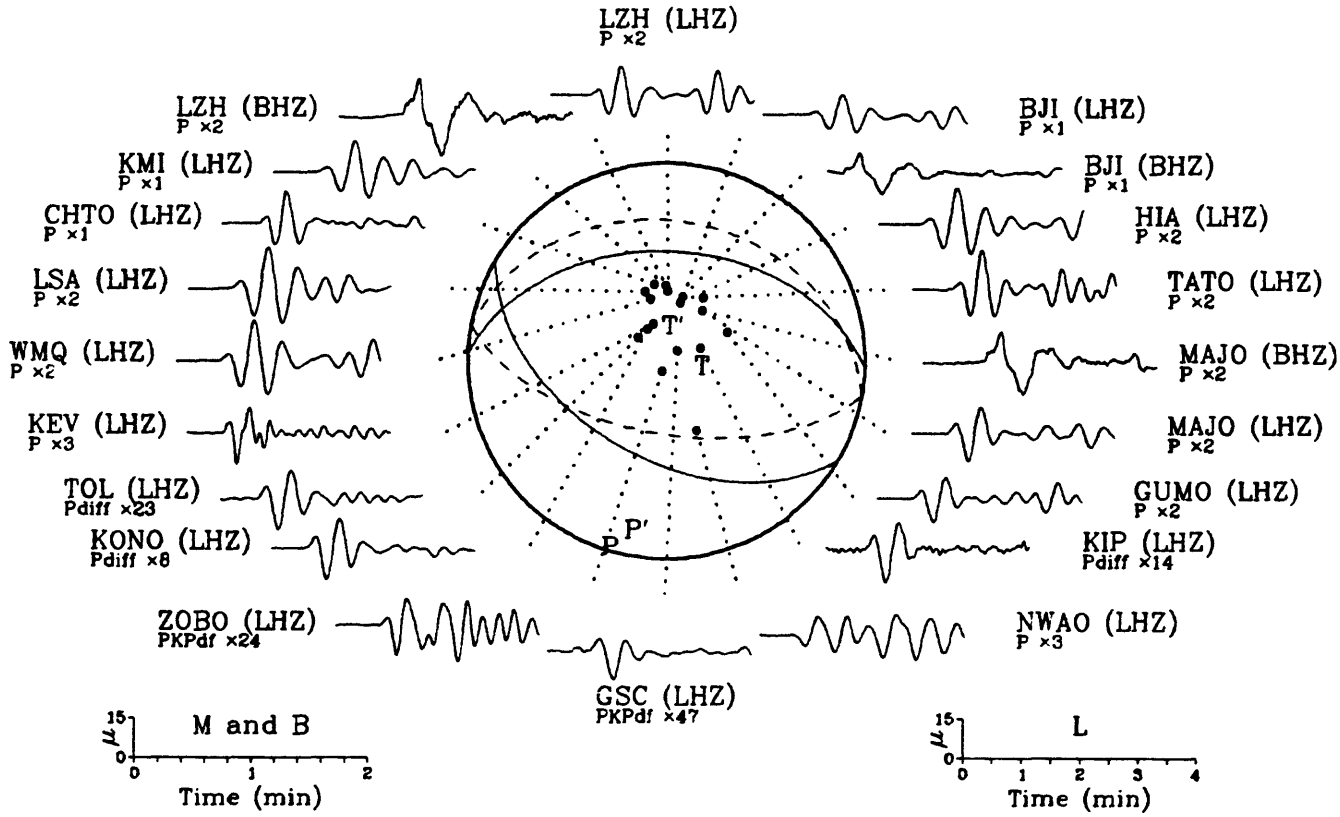
Southern Sumatera, Indonesia



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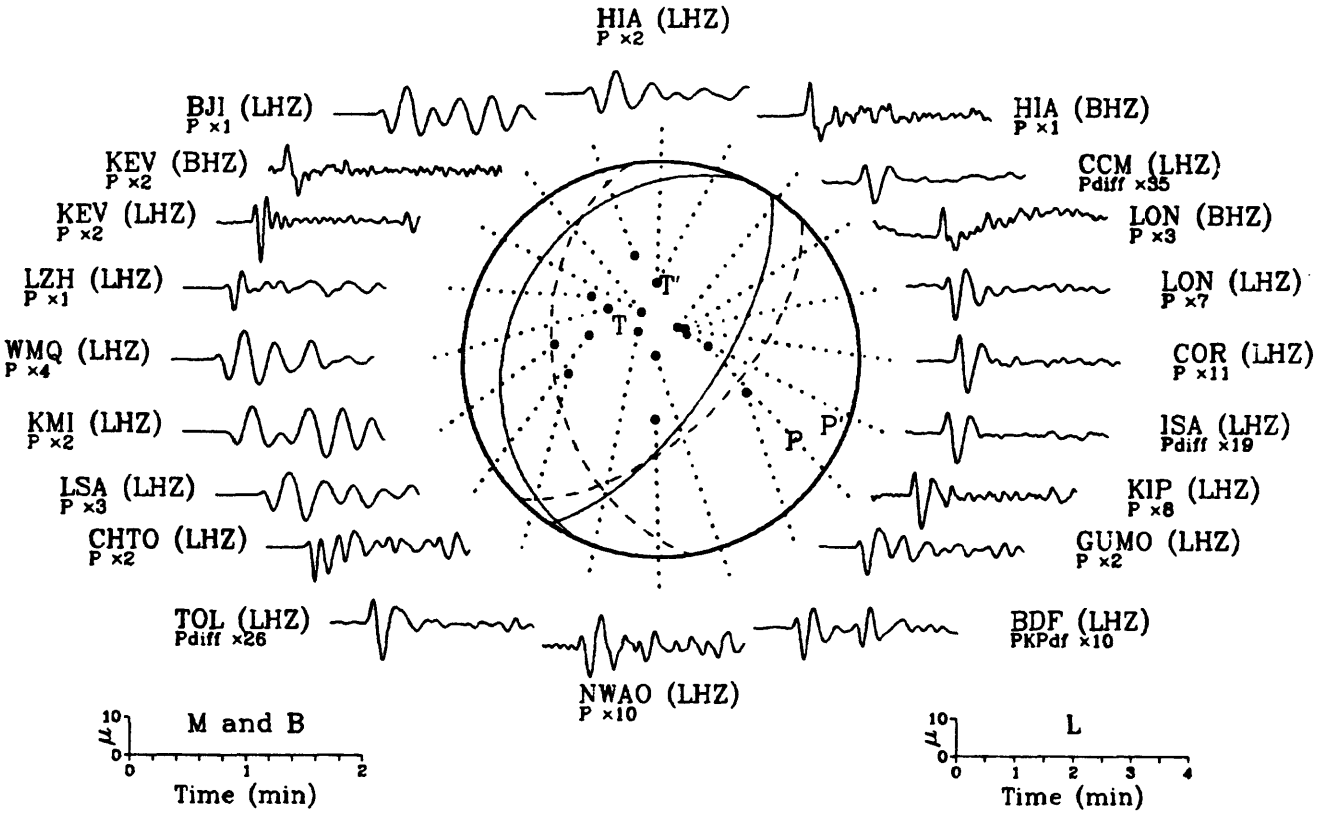
Taiwan



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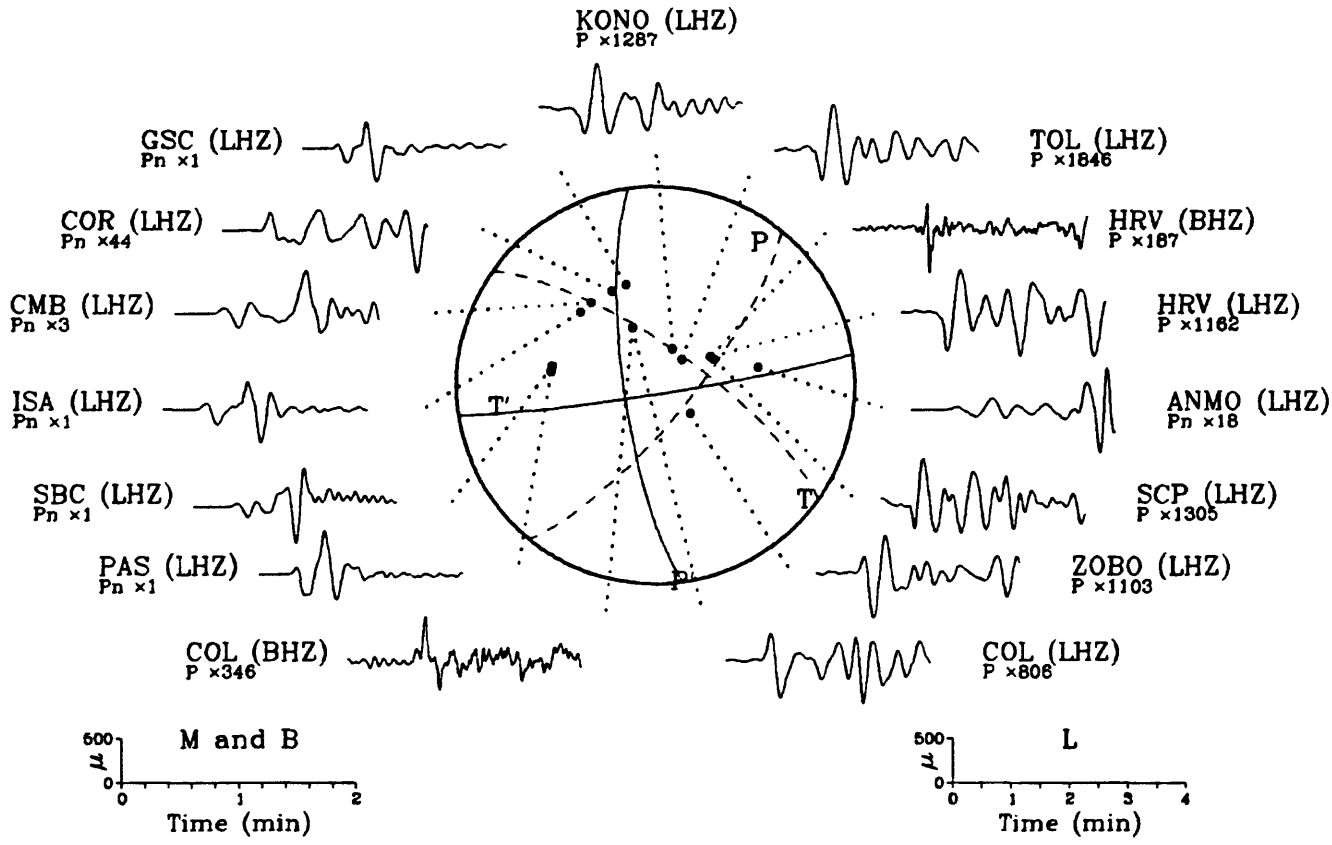
Southern California



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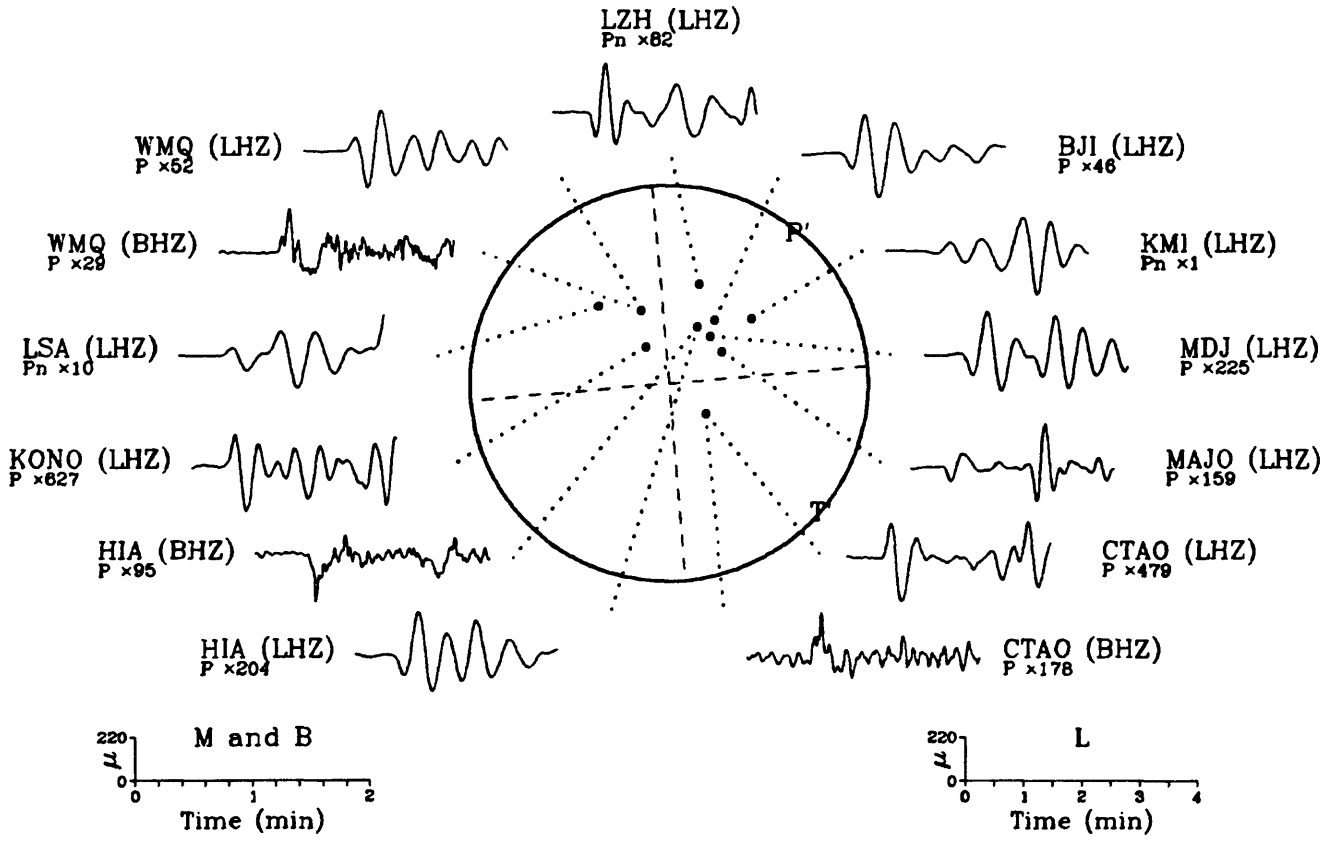
Myanmar–China Border Region



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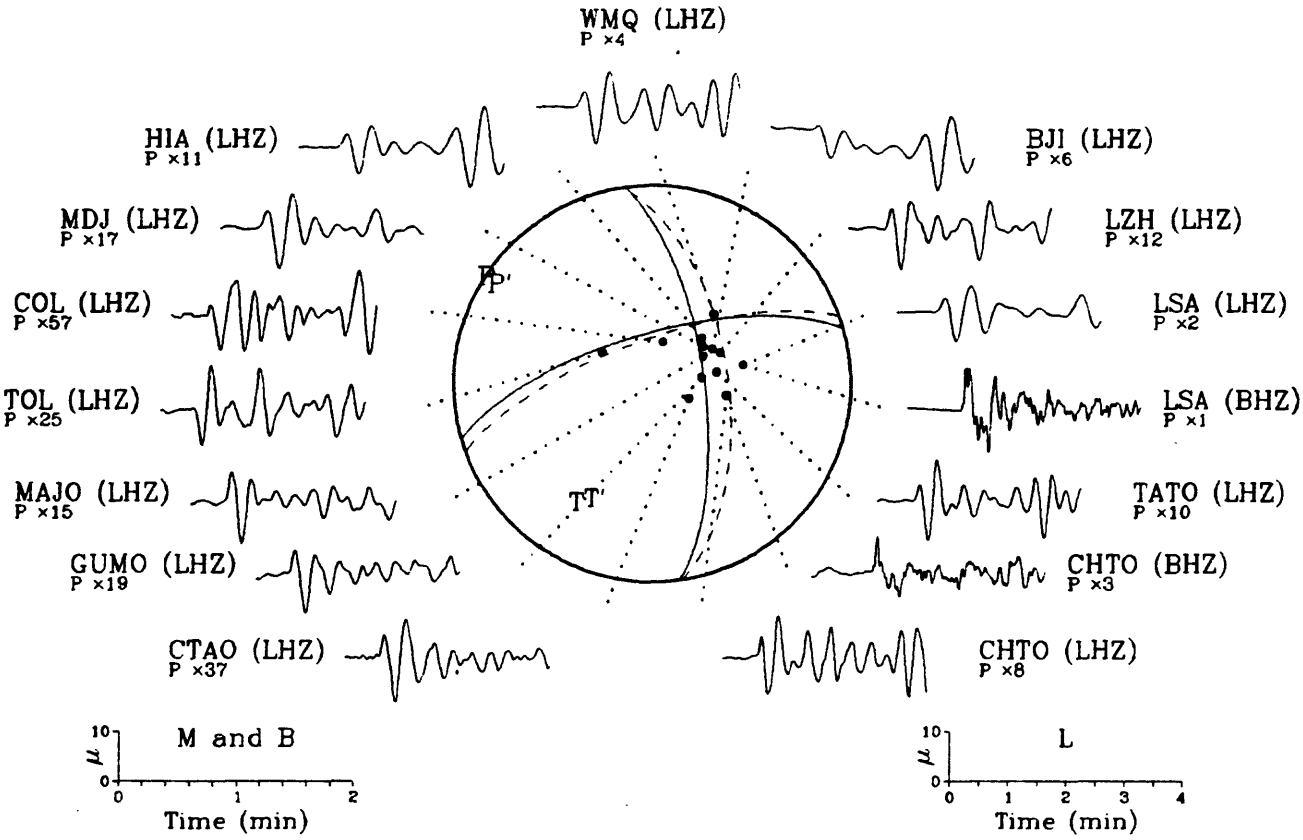
Pakistan



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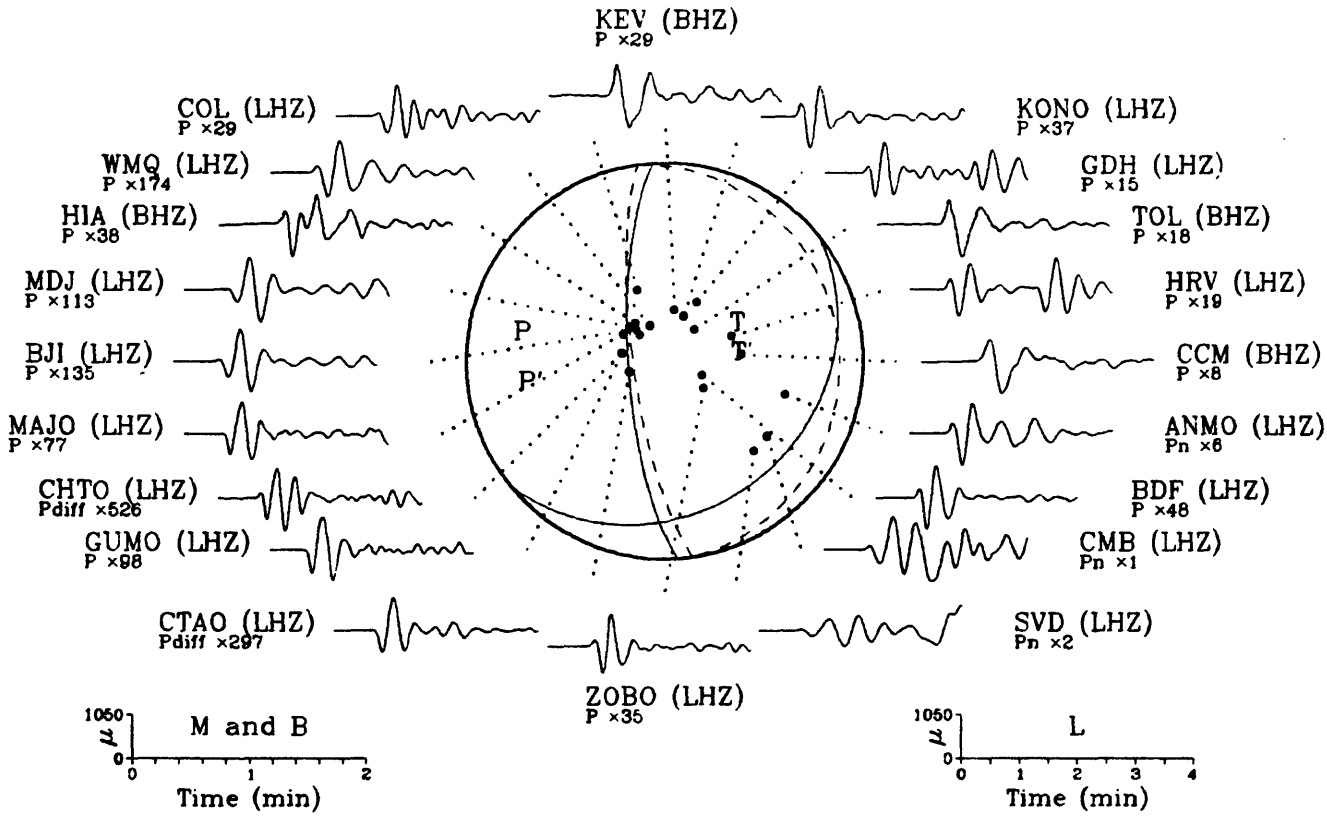

26 April 1992 07:41:39.73
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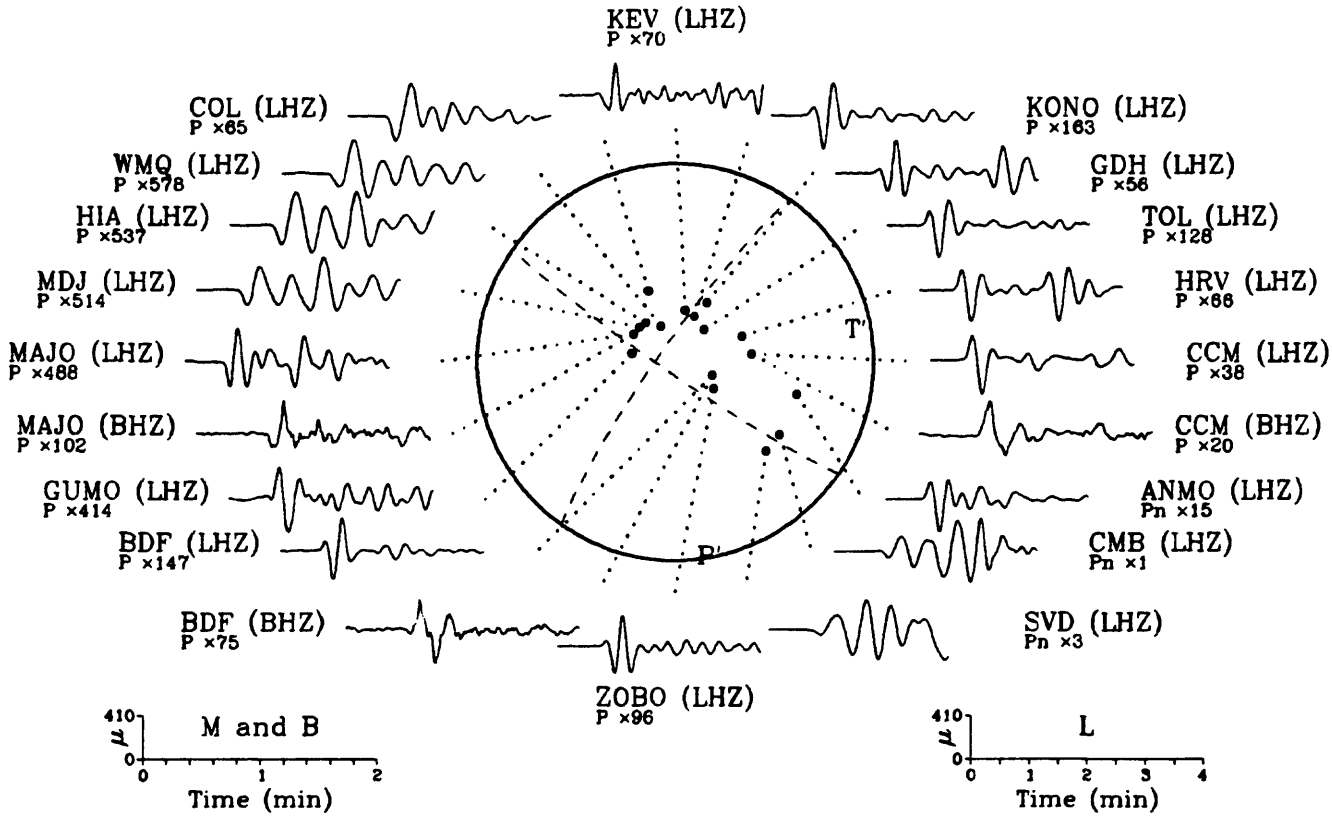

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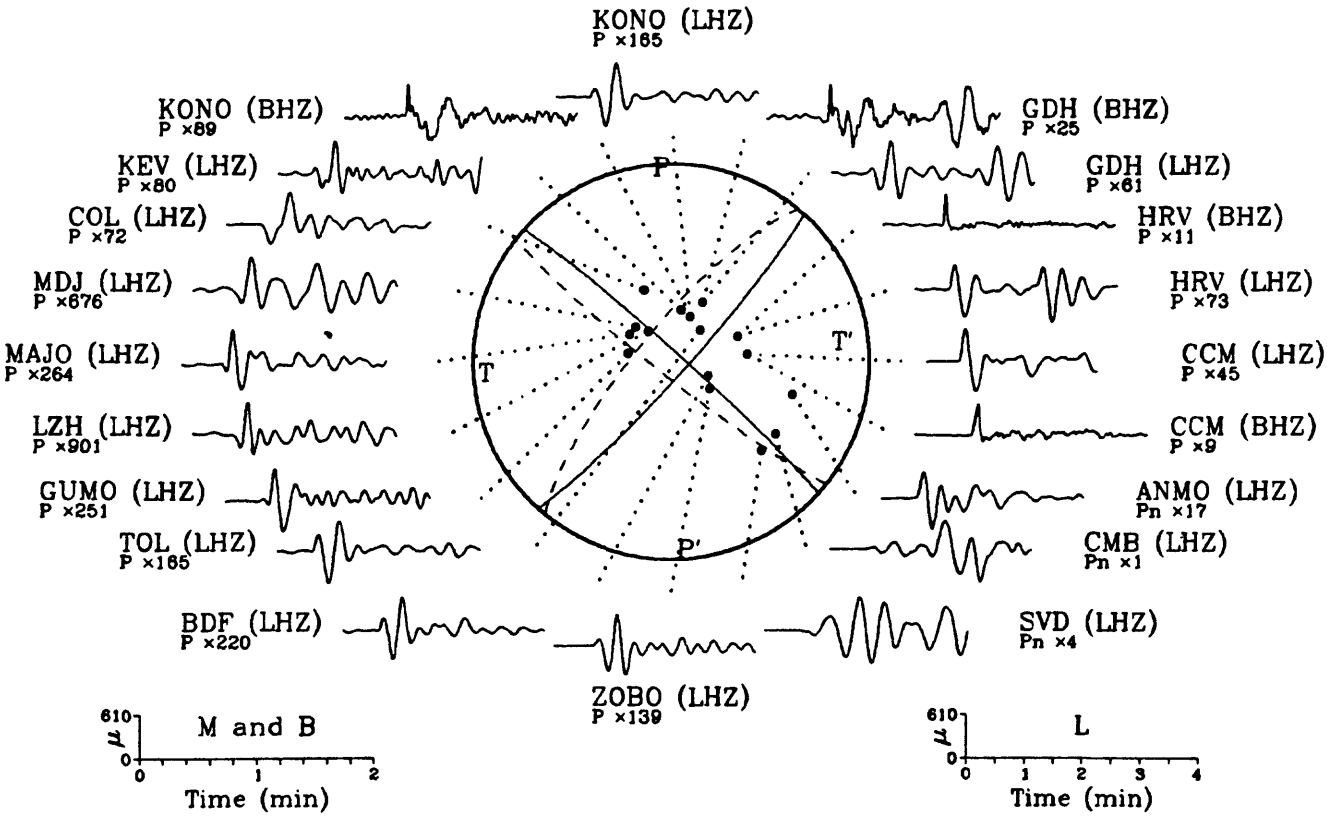
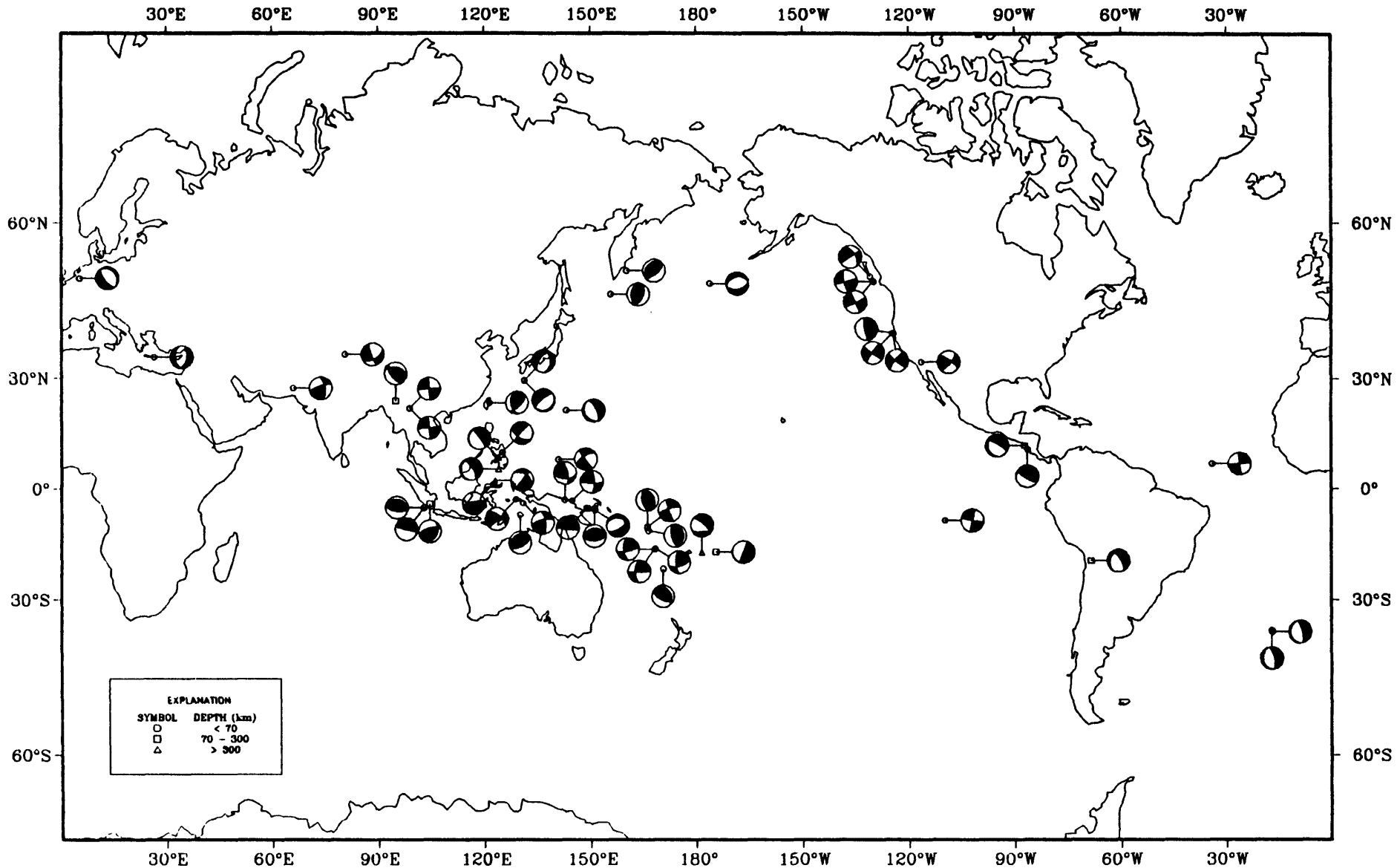
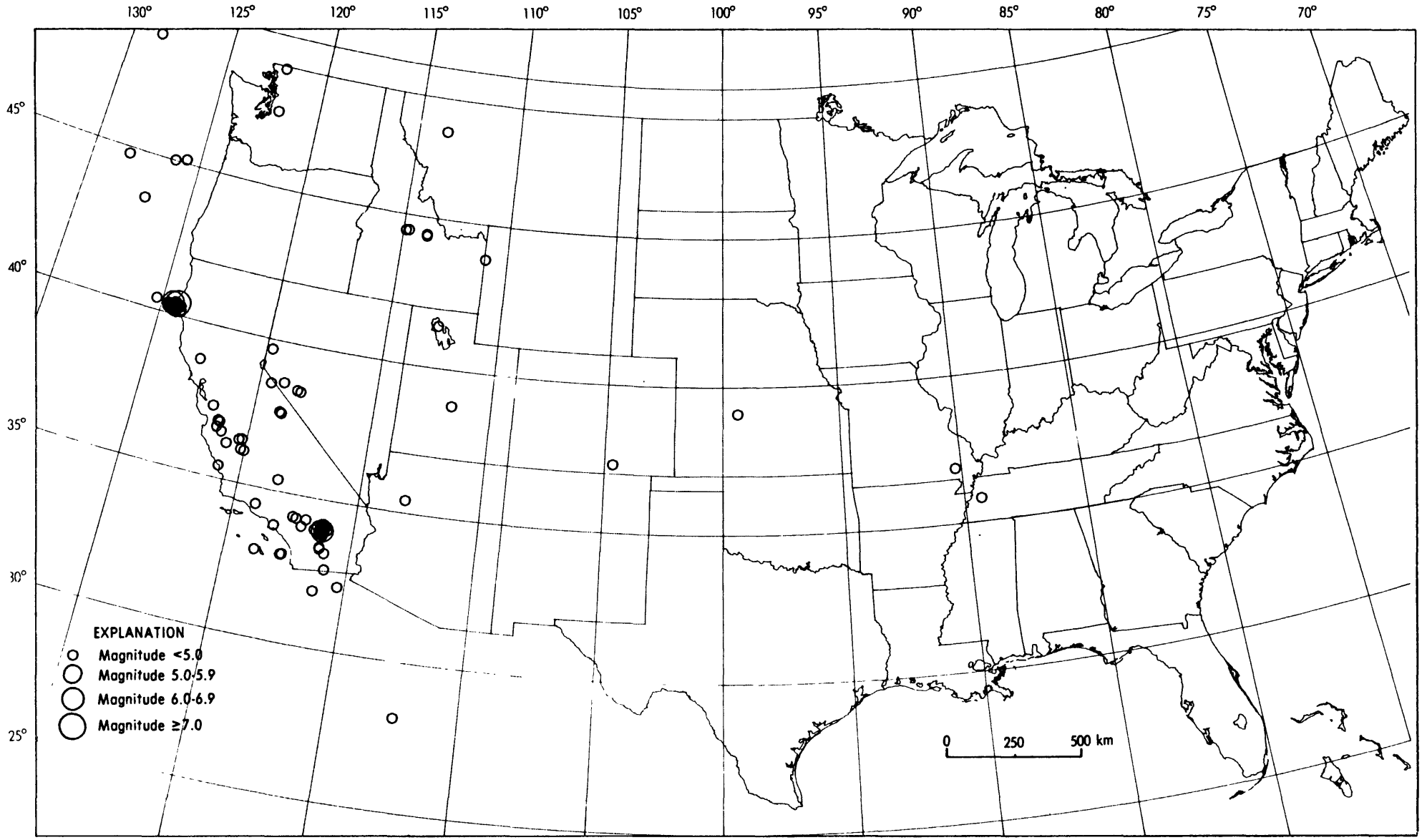
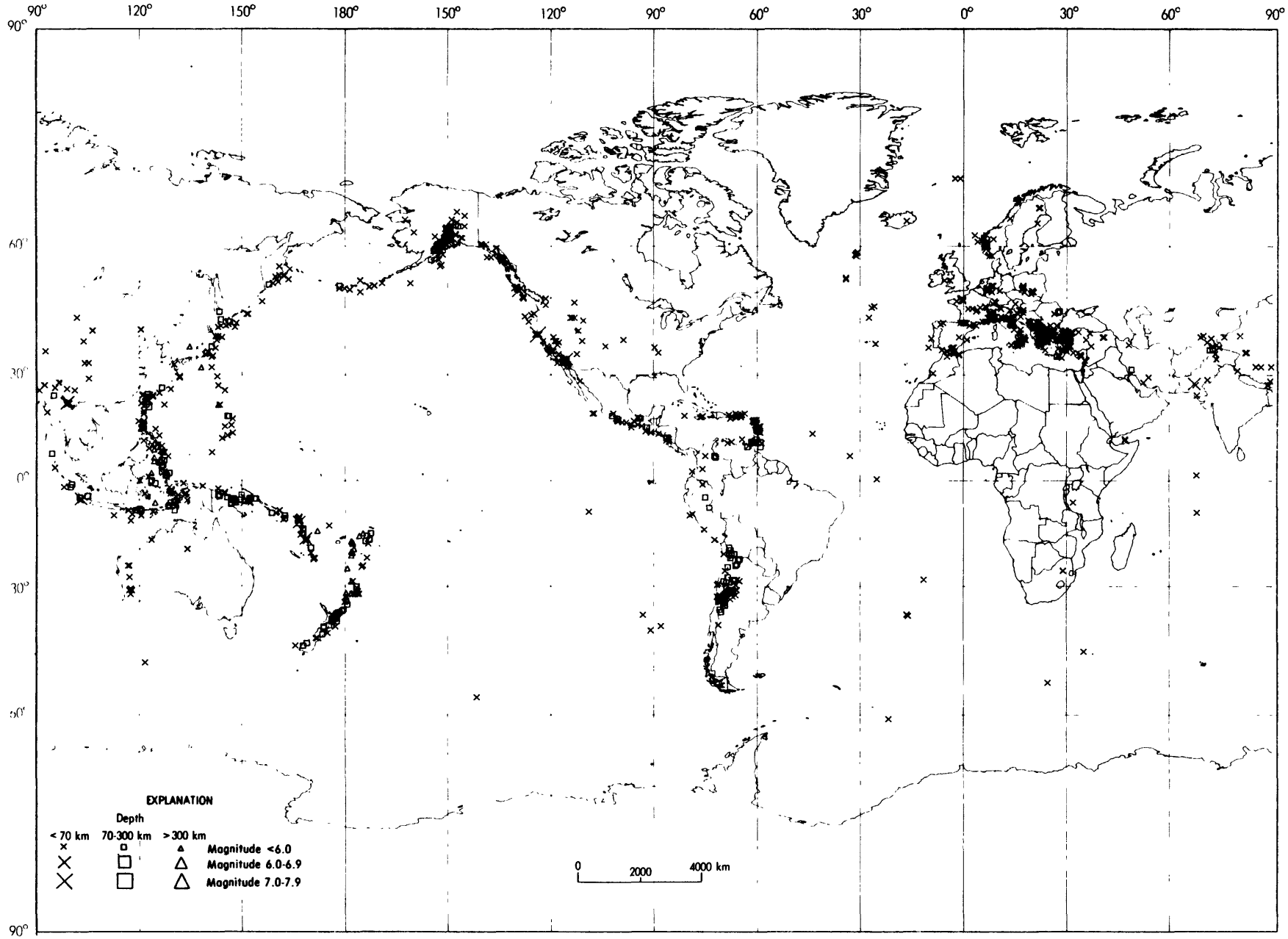


Earthquake Focal Mechanisms for April 1992





Earthquake epicenters in the conterminous United States and adjacent regions for April, 1992 (C. Stover).



Earthquakes located in April, 1992 (C. Stover).

PRELIMINARY DETERMINATION OF EPICENTERS

MONTHLY LISTING

U.S. DEPARTMENT OF THE INTERIOR / GEOLOGICAL SURVEY

National Earthquake Information Center

JUNE 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	17	10.6?	39.21	N	25.78	E	10	G			0.6	5	AEGEAN SEA
	01	01	33	06.6•	45.377	N	151.416	E	33	N	4.4		1.0	36	KURIL ISLANDS
a	01	01	47	15.7	17.319	S	70.496	W	81	D	4.8		0.9	82	NEAR COAST OF PERU. Felt (III) at Arequipa.
	01	02	38	57.0&	60.901	N	151.538	W	64					54	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.7 (AEIC).
	01	03	40	05.9	10.013	N	74.666	W	43	•	4.3	3.8	1.0	38	NEAR NORTH COAST OF COLOMBIA
	01	04	19	25.4	42.331	N	19.527	E	10	G			0.7	10	NORTHWESTERN BALKAN REGION. ML 2.3 (TTG).
	01	04	31	42.5•	10.607	N	62.287	W	131	•	3.2		1.2	19	NEAR COAST OF VENEZUELA. MD 4.1 (TRN).
	01	04	32	18.0%	16.977	N	99.643	W	10	G			0.4	5	NEAR COAST OF GUERRERO, MEXICO
	01	04	50	14.1•	23.796	N	121.627	E	10	G	4.2		1.4	8	TAIWAN
	01	04	57	38.2&	37.577	N	118.876	W	7					13	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.3 (GM). ML 3.2 (GS).
	01	05	55	27.5?	45.32	N	151.50	E	33	N	4.3		0.0	5	KURIL ISLANDS
a	01	06	04	14.0	10 975	S	165.183	E	12	D	5.5	4.9	1.0	132	SANTA CRUZ ISLANDS. Mo=3.3•10••17 Nm (PPT).
	01	06	23	09.9&	37.553	N	118.854	W	10					0	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM). ML 2.7 (GS).
	01	06	29	07.6%	39.055	N	26.148	E	10	G			0.3	6	TURKEY
	01	07	35	35.2%	40.787	N	27.484	E	10	G			0.3	9	TURKEY
a	01	07	53	06.7	22.733	S	170.803	E	10	G	5.2	4.9	1.2	85	LOYALTY ISLANDS REGION. Mo=1.3•10••17 Nm (PPT).
	01	08	45	34.3	38.291	N	21.611	E	10	G	3.6		0.5	7	GREECE. ML 3.3 (ATH).
	01	08	53	17.5?	25.36	S	179.50	E	520	G	4.4		1.1	24	SOUTH OF FIJI ISLANDS
	01	08	58	25.2?	5.96	S	147.67	E	110	•	4.7		1.5	8	EASTERN NEW GUINEA REG., P.N.G.
	01	09	17	08.5•	39.682	N	29.478	E	10	G			0.6	5	TURKEY
	01	09	19	52.7	30.298	N	21.623	E	10	G			0.6	10	GREECE. MD 3.0 (ATH).
	01	09	25	55.9	39.836	N	143.218	E	33	D	4.9	4.3	0.8	58	OFF EAST COAST OF HONSHU, JAPAN
	01	10	06	18.1•	65.944	N	156.328	W	33	N			0.8	7	NORTHERN ALASKA. ML 3.1 (PMR).
	01	10	35	07.7	40.487	N	29.239	E	10	G			0.6	14	TURKEY
	01	11	20	51.7?	4.36	S	103.18	E	158	?	4.5		1.0	20	SOUTHERN SUMATERA, INDONESIA
	01	11	34	03.1?	39.43	N	25.55	E	10	G			0.5	6	AEGEAN SEA
	01	11	39	10.3%	44.433	N	7.295	E	14				0.3	10	NORTHERN ITALY. ML 1.7 (GEN).
	01	12	08	34.6?	45.97	N	14.20	E	10	G			0.4	4	NORTHWESTERN BALKAN REGION. MD 2.3 (LJU), 1.4 (TRI).
	01	12	27	19.9%	41.995	N	19.047	E	10	G			0.2	6	ALBANIA. ML 1.6 (TTG).
	01	12	56	51.4%	40.662	N	29.019	E	10	G			0.9	7	TURKEY
	01	12	59	44.0	18.581	N	102.895	W	77		4.7		1.2	68	MICHOACAN, MEXICO
	01	13	08	58.7•	18.483	N	102.953	W	73	•	4.2		1.1	24	MICHOACAN, MEXICO
	01	13	17	52.8&	40.268	N	124.495	W	12					3	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 3.1 (GM).
a	01	13	51	21.7	36.659	N	141.122	E	53		5.3	5.3	1.0	251	NEAR EAST COAST OF HONSHU, JAPAN. Mo=7.9•10••17 Nm (PPT). Felt in central and northern Honshu.
	01	14	12	28.5%	44.315	N	7.168	E	10	G			0.2	10	NORTHERN ITALY. ML 2.3 (GEN).
	01	14	50	10.0%	43.794	N	11.890	E	10	G			0.8	6	CENTRAL ITALY
	01	15	44	27.1	36.019	N	28.272	E	86		4.2		1.2	116	DODECANESE ISLANDS. MD 4.4 (ATH).
	01	15	46	22.5•	50.337	N	19.168	E	10	G			0.6	7	POLAND. ML 3.6 (WAR).
	01	16	16	08.5&	58.044	N	155.185	W	107					46	ALASKA PENINSULA. <AEIC>.
	01	16	31	33.9&	40.321	N	124.457	W	8					5	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 3.0 (GM).
	01	16	44	45.3•	14.075	N	92.788	W	62	•	4.6		0.6	13	NEAR COAST OF CHIAPAS, MEXICO
	01	17	01	46.6?	14.50	N	92.98	W	53	•	4.6		1.0	13	NEAR COAST OF CHIAPAS, MEXICO
	01	18	14	37.8?	13.81	N	93.36	W	33	N	4.7		1.2	9	OFF COAST OF CHIAPAS, MEXICO
a	01	18	29	20.2	29.739	N	140.699	E	134	D	5.5		1.0	371	SOUTH OF HONSHU, JAPAN
	01	18	36	11.9	44.391	N	7.329	E	12				0.3	12	NORTHERN ITALY. ML 2.0 (LDG), 1.7 (GEN).
	01	18	44	02.6?	33.85	S	71.82	W	25	•			0.8	9	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
	01	20	17	32.5	35.156	N	23.017	E	80	?	3.4		1.5	8	CRETE. MD 3.6 (ATH).
	01	22	35	46.1%	37.768	S	178.028	E	149	•			1.1	29	OFF E. COAST OF N. ISLAND, N.Z.
	01	23	06	48.8	44.494	N	7.324	E	8				0.6	35	NORTHERN ITALY. ML 3.0 (LDG), 3.0 (STR), 2.9 (GEN).
	01	23	10	17.7&	58.940	N	152.479	W	63					34	KODIAK ISLAND REGION. <AEIC>. ML 2.5 (AEIC).
	01	23	53	05.0•	25.478	N	36.118	E	10	G	4.3		0.9	12	WESTERN ARABIAN PENINSULA. MD 4.5 (RYD).
	01	23	54	59.6	37 992	N	21.389	E	10	G			0.6	7	SOUTHERN GREECE. ML 3.4 (ATH).
	02	00	39	07.0?	19.03	N	64.73	W	33	N			1.4	10	VIRGIN ISLANDS
	02	00	52	18.4?	32.01	S	69.21	W	33	N			0.8	5	MENDOZA PROVINCE, ARGENTINA
	02	01	16	03.1	22.245	S	128.000	E	10	G			1.0	9	WESTERN AUSTRALIA

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	02	01 24 41.1	51.100	N	175.378	E	40	D	4.5		1.0	76	RAT ISLANDS, ALEUTIAN ISLANDS. ML 4.6 (PMR).
	02	01 34 16.7•	51.626	N	7.700	E	10	G			0.4	5	GERMANY ML 2.2 (BNS).
	02	01 38 14.5•	40.996	N	20.150	E	10	G			0.8	11	GREECE-ALBANIA BORDER REGION. ML 2.3 (TTG)
	02	02 10 55.6	7 806	N	137.109	E	33	N	4.6	4.1	0 9	16	WESTERN CAROLINE ISLANDS
	02	03 17 12 6&	58 207	N	142.227	W	10	G				6	GULF OF ALASKA <AEIC>. ML 2.7 (AEIC).
	02	03 27 56.4?	36.92	S	176.20	E	110	?			1.4	16	OFF E. COAST OF N. ISLAND, N.Z.
	02	03 30 19.8?	11.75	N	88.32	W	78	?	4.5		0.9	20	OFF COAST OF CENTRAL AMERICA
	02	03 57 26.2	43.946	N	7.450	E	10	G			0 2	11	NEAR SOUTH COAST OF FRANCE. ML 1.9 (LDG), 1.4 (GEN), 1.0 (STR).
	02	04 55 28.4%	40.420	N	29.709	E	10	G			0 1	5	TURKEY
	02	05 58 18.1?	6.19	S	147.70	E	64	?	4.5		0.5	5	EASTERN NEW GUINEA REG., P.N.G.
	02	06 11 24.3	5.419	S	147.053	E	220		4.9		0.8	55	EASTERN NEW GUINEA REG., P.N.G.
	02	07 18 21.9•	5.661	S	145.319	E	33	N	3.4		1.0	5	EASTERN NEW GUINEA REG., P.N.G.
	02	08 19 20.6	40.619	N	15.452	E	10	G			1.4	14	SOUTHERN ITALY
	02	08 46 19.8?	34.86	N	23.88	E	75	?	4.1		1.4	14	CRETE
	02	08 49 24.8%	39.131	N	27.585	E	10	G			0.1	5	TURKEY
	02	09 40 05.8	31.283	N	141.757	E	40	D	4.8	4.5	1.3	54	SOUTH OF HONSHU, JAPAN
	02	09 40 22.2?	19.16	N	64.77	W	10	G			0.3	7	VIRGIN ISLANDS
	02	10 35 09.6	33.558	S	70.624	W	77	•			0.4	12	CHILE-ARGENTINA BORDER REGION. MD 3.8 (SAN).
	02	10 50 53.6?	43.55	N	10.32	E	10	G			0.6	5	CENTRAL ITALY
	02	11 46 25.1	47.660	N	155.461	E	45	D	5.0	4.7	1.0	132	EAST OF KURIL ISLANDS
a	02	11 48 58.6	47.694	N	155.377	E	45	D	5.4	4.8	1.0	202	EAST OF KURIL ISLANDS
	02	11 52 16.3•	48.106	N	154.721	E	33	N	4.5		1.2	12	KURIL ISLANDS
	02	12 01 52.7	47.255	N	9.432	E	10	G			1.1	30	GERMANY. ML 3.4 (GRF), 3.3 (FUR), 3.3 (VIE), 3.3 (LDG).
	02	12 12 15.6	45.743	N	26.763	E	113		4.1		0.9	35	ROMANIA. Felt (IV) in the Vrancea region.
	02	12 36 07.4•	47.513	N	155.479	E	33	N	4.8		1.1	32	EAST OF KURIL ISLANDS
	02	13 26 46.0%	37.286	S	177.112	E	33	N			0.6	12	OFF E. COAST OF N. ISLAND, N.Z. ML 4.0 (WEL).
	02	13 37 49.5	37.320	S	177.088	E	10	G	3.9		0.9	18	OFF E. COAST OF N. ISLAND, N.Z. ML 4.2 (WEL).
	02	15 11 12.5•	30.773	N	142.102	E	33	N	4.3		1.1	10	SOUTH OF HONSHU, JAPAN
	02	15 26 26.3%	38.777	S	175.808	E	135	•			0.5	27	NORTH ISLAND, NEW ZEALAND
	02	15 30 54.2?	8.44	S	118.87	E	33	N	4.6		1.2	9	SUMBAWA REGION, INDONESIA
	02	15 38 58.4•	22.745	S	179.435	E	604	•	5.2		1.1	50	SOUTH OF FIJI ISLANDS
	02	15 58 08.1	50.400	N	5.998	E	10	G			0.5	15	BELGIUM. ML 2.8 (LDG).
	02	16 22 55.6?	26.34	S	28.78	E	5	G			1.4	5	REPUBLIC OF SOUTH AFRICA
	02	16 59 11.7?	43.28	N	4.95	W	10	G			1.2	4	SPAIN. mbLg 2.8 (MDD).
	02	17 10 17.7?	26.32	S	177.22	W	33	N	4.7	4.3	1.3	11	SOUTH OF FIJI ISLANDS
	02	17 16 28.2	41.270	N	20.326	E	12				1.1	15	ALBANIA. ML 2.7 (TTG), 2.5 (SKO).
	02	18 48 44.1•	51.432	S	160.537	E	10	G	3.2		0.8	11	NORTH OF MACQUARIE ISLAND
	02	19 24 07.1%	17.700	N	96.204	W	33	N			0.9	5	OAXACA, MEXICO
a	02	20 00 52.4	3.303	S	130.718	E	33	D	5.0	4.4	1.3	43	SERAM, INDONESIA
a	02	20 03 21.0	16.075	S	92.787	E	24	D	5.7	5.4	1.0	183	SOUTH INDIAN OCEAN
	02	20 12 47.3•	25.905	N	37.526	E	10	G	4.8	4.2	1.4	10	WESTERN ARABIAN PENINSULA
	02	21 02 08.0?	43.25	N	10.85	E	10	G			0.2	6	CENTRAL ITALY
a	02	21 05 00.8	16.138	S	92.844	E	14	D	5.9	5.9	1.2	275	SOUTH INDIAN OCEAN
	02	21 09 23.8	43.464	N	5.430	E	10	G			1.0	14	NEAR SOUTH COAST OF FRANCE. ML 3.1 (STR).
	02	21 41 04.6?	11.08	S	114.93	E	33	N	4.6		0.9	5	SOUTH OF BALI, INDONESIA
	02	22 07 45.3	28.984	N	81.913	E	56	D	5.2		1.0	231	NEPAL-INDIA BORDER REGION
	02	22 41 46.9?	36.22	S	72.67	W	33	N			0.7	12	NEAR COAST OF CENTRAL CHILE. MD 4.3 (SAN).
	02	22 49 01.7	31.381	S	69.462	W	127				0.8	23	SAN JUAN PROVINCE, ARGENTINA. MD 4.4 (SAN).
	02	23 05 38.6•	33.473	S	72.022	W	15				0.8	14	OFF COAST OF CENTRAL CHILE. MD 4.1 (SAN).
	02	23 18 35.8•	10.404	N	85.462	W	180	•	4.1		0.9	20	COSTA RICA. MD 4.2 (SJR).
	02	23 36 01.2	33.346	N	141.173	E	59		4.8		1.1	60	OFF EAST COAST OF HONSHU, JAPAN
	02	23 47 27.1%	36.229	N	3.662	W	10	G			0.2	6	STRAIT OF GIBRALTAR. mbLg 2.7 (MDD).
	02	23 54 45.6	38.930	N	21.200	E	10	G	3.9		1.3	59	GREECE. ML 4.1 (TIR), 3.9 (TTG), 3.6 (ATH).
	03	00 37 14.5%	33.474	S	70.805	W	78	?			0.2	10	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
	03	00 50 23.1	44.309	N	7.347	E	16				0.5	45	NORTHERN ITALY. ML 3.1 (LDG), 3.0 (GEN).
	03	01 12 09.1	36.795	N	142.245	E	33	D	4.5	4.4	1.3	46	OFF EAST COAST OF HONSHU, JAPAN
	03	01 55 13.3	28.083	N	128.094	E	56	•	4.9	5.6	1.5	57	RYUKYU ISLANDS
	03	02 42 36.6	33.905	N	88.893	E	10	G	4.6		1.1	26	XIJANG
	03	03 13 07.6	6.484	N	126.538	E	75	•	5.0		1.2	52	MINDANAO, PHILIPPINE ISLANDS
	03	03 14 49.9•	33.767	S	71.630	W	10	G			0.6	11	NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN).
a	03	03 28 52.3	28.050	N	128.152	E	52	•	4.6	5.3	1.2	43	RYUKYU ISLANDS
	03	03 43 14.3&	40.767	N	111.968	W	4					6	UTAH. <SLC-P>. ML 2.1 (SLC). Felt in the northern part of the Salt Lake Valley.
	03	03 54 34.9•	3.451	S	145.482	E	36	?	4.9		1.2	15	NEAR N COAST OF NEW GUINEA, PNG.
	03	04 00 38.2?	5.99	S	150.35	E	33	N	4.8		1.0	11	NEW BRITAIN REGION, P.N.G. ML 5.3 (PMG).
	03	04 20 13.5&	40.768	N	111.964	W	1					8	UTAH. <SLC-P>. ML 2.3 (SLC). Felt (IV) at the Salt Lake City Airport. Felt in the northern part of the Salt Lake Valley.
	03	04 40 02.8&	46.257	N	75.029	W	18	G				18	SOUTHERN QUEBEC, CANADA. <OTT-P>. mbLg 3.3 (OTT). Felt (IV) at Lac Naminingue.
	03	04 44 44.3&	36.477	N	121.044	W	3					4	CENTRAL CALIFORNIA. <GM-P>. MD 2.6 (GM).
	03	05 04 13.8?	34.45	S	71.83	W	31				0.7	17	NEAR COAST OF CENTRAL CHILE. MD 4.2 (SAN).
	03	05 08 30.9&	39.317	N	111.163	W	1					17	UTAH. <SLC-P>. ML 3.3 (SLC), 3.5 (GS). Felt (III) at Price. Also felt at the Cottonwood Mine.
f	03	06 10 54.3	51.130	N	178.743	E	22	G	5.9	5.9	1.0	503	RAT ISLANDS, ALEUTIAN ISLANDS. Mo=2.5•10••18 Nm (PPT). Felt (IV) on Amchitka. Two events about 2.8 seconds apart. Depth from broadband displacement seismograms, based on first event.
	03	06 33 34.7?	51.25	N	178.84	E	33	N	4.0		1.2	9	RAT ISLANDS, ALEUTIAN ISLANDS
	03	06 35 19.8•	28.380	N	128.320	E	25	D	4.6	4.8	1.4	8	RYUKYU ISLANDS
	03	07 02 10.1•	51.130	N	178.538	E	33	N	4.7		1.2	27	RAT ISLANDS, ALEUTIAN ISLANDS. Felt (II) on Amchitka.
	03	07 12 23.0	51.128	N	178.654	E	33	N	4.7	5.2	1.2	51	RAT ISLANDS, ALEUTIAN ISLANDS
	03	07 40 50.5•	11.964	N	87.929	W	54	•	4.9		1.0	67	NEAR COAST OF NICARAGUA
	03	07 54 29.2?	42.46	N	129.48	W	10	G			0.7	49	OFF COAST OF OREGON
	03	08 54 40.8&	34.003	N	116.325	W	3					13	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	03	09 27 16.8%	41.155	N	28.478	E	10	G			0.9	7	TURKEY
	03	10 58 59.4•	15.286	N	61.207	W	147	?			0.6	16	LEEWARD ISLANDS. MD 3.8 (TRN).
	03	11 23 44.8?	43.13	N	17.99	E	10	G			0.2	4	NORTHWESTERN BALKAN REGION. ML 1.8 (TTG).
	03	11 25 48.1•	31.995	S	178.602	W	59		5.4		1.2	25	KERMADEC ISLANDS REGION
	03	11 33 48.3•	13.116	N	88.716	W	83	•	4.0		0.8	11	EL SALVADOR
	03	13 26 55.9	37.572	N	77.885	E	10	G	4.3		1.4	19	SOUTHERN XINJIANG, CHINA. ML 4.5 (BJI).
	03	13 33 10.8%	44.411	N	7.214	E	5	G			0.3	6	NORTHERN ITALY. ML 1.8 (GEN).

	03	15	04	41.3?	26.59	N	34.69	E	10	G			0.1	5	RED SEA. MG 3.8 (RYD).
	03	16	12	22.2•	12 699	N	49.486	E	10	G	4.8	3.8	1.2	56	EASTERN GULF OF ADEN
	03	16	47	35.6&	61.532	N	140.152	W	0					23	SOUTHERN YUKON TERRITORY, CANADA. <AEIC>. ML 3.0 (AEIC), 2.8 (PGC).
	03	16	47	54 4?	11.37	N	87.39	W	10	G	4.3		1.3	9	NEAR COAST OF NICARAGUA
o	03	17	00	53.8	4.525	S	104.682	W	10	G	4.9	5.1	1.1	77	CENTRAL EAST PACIFIC RISE. Mo=7.9•10••17 Nm (PPT).
	03	17	41	53.9?	34.65	N	5.89	W	10	G			0.1	4	MOROCCO. MD 2.8 (RBA).
	03	18	51	44.9•	27.774	N	127.858	E	10	G	4.2		1.4	8	RYUKYU ISLANDS
	03	20	21	43.3?	45.20	N	28.90	E	10	G			1.2	6	UKRAINE-MOLDOVA-SW RUSSIA REGION. Felt (IV) at Topolog, Romania.
	03	20	28	48.1	36.644	N	29.573	E	10	G			1.1	15	TURKEY
	03	21	58	11.5	38.399	N	21.883	E	5	G			1.1	8	GREECE. ML 2.7 (ATH).
	03	22	03	07.4?	10.93	N	61.80	W	33	N			0.4	5	TRINIDAD. MD 3.1 (TRN).
	03	22	18	10.4&	63.265	N	151.066	W	13					40	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
	03	23	21	29.0%	43.118	N	19.954	E	10	G			0.3	6	NORTHWESTERN BALKAN REGION. ML 1.7 (TTG).
	04	00	05	50.3•	47.967	N	8.409	E	10	G			0.5	5	SWITZERLAND. ML 2.5 (LDG).
	04	00	18	01.5%	17.672	N	101.084	W	33	N			0.9	7	NEAR COAST OF GUERRERO, MEXICO
	04	00	49	37.5	43.025	N	19.216	E	5	G			0.8	10	NORTHWESTERN BALKAN REGION. ML 2.3 (TTG).
	04	02	19	47.4	11.980	N	87.911	W	40	•	4.5	3.9	1.3	41	NEAR COAST OF NICARAGUA
	04	02	50	40.5	42.493	N	19.196	E	15				0.9	19	NORTHWESTERN BALKAN REGION. ML 2.7 (TTG), 2.7 (TIR), 2.3 (SKO).
	04	02	56	36.3	51.573	N	7.501	E	10	G			1.1	22	GERMANY. ML 3.2 (LDG), 3.1 (GRF), 2.9 (BNS). Felt at Dortmund and Bergkamen.
a	04	04	04	03.5	28.018	N	128.051	E	17	D	5.6	6.0	1.5	177	RYUKYU ISLANDS
	04	04	50	01.7	31.455	S	68.608	W	121		4.5		0.9	23	SAN JUAN PROVINCE, ARGENTINA
	04	05	12	42.5%	17.330	N	100.434	W	33	N			1.0	6	GUERRERO, MEXICO
	04	05	22	22.2&	33.983	N	116.262	W	5					8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	04	05	51	54.2	41.045	N	19.954	E	10	G			1.1	16	ALBANIA. ML 2.8 (TTG), 2.5 (TIR).
	04	07	03	05.4?	27.49	N	127.90	E	33	N	4.1	3.9	1.0	5	RYUKYU ISLANDS
	04	07	19	48.7&	59.990	N	152.583	W	87					55	SOUTHERN ALASKA. <AEIC>.
	04	07	33	01.0•	28.048	N	127.767	E	18	D	4.6		1.4	19	NORTHWEST OF RYUKYU ISLANDS
	04	07	41	05.1•	37.195	N	21.518	E	10	G			0.7	5	SOUTHERN GREECE. ML 3.7 (ATH).
	04	08	26	55.5	32.757	S	69.222	W	123	D	4.5		0.8	35	MENDOZA PROVINCE, ARGENTINA. MD 4.6 (SAN). Felt (III) in Mendoza Province.
	04	08	32	41.3%	38.419	S	175.959	E	200	•			0.4	29	NORTH ISLAND, NEW ZEALAND
	04	08	56	50.1•	39.443	N	29.631	E	10	G			1.1	6	TURKEY
	04	09	14	28.9%	39.0B5	N	27.634	E	10	G			0.5	5	TURKEY
	04	09	39	04.4%	44.360	N	7.303	E	10	G			0.1	7	NORTHERN ITALY. ML 1.6 (GEN).
	04	10	01	28.9%	39.160	N	27.546	E	10	G			0.4	8	TURKEY
	04	11	04	01.0•	6.210	S	150.642	E	61	•	4.7		1.2	13	NEW BRITAIN REGION, P.N.G.
	04	11	29	48.9?	5.77	S	146.54	E	95	•	4.2		1.4	7	EASTERN NEW GUINEA REG., P.N.G.
	04	11	34	35.9?	6.03	S	130.39	E	155	?			1.1	7	BANDA SEA
	04	12	09	19.1&	62.978	N	151.378	W	134		4.9			94	CENTRAL ALASKA. <AEIC>.
	04	12	10	00.7•	37.949	N	21.355	E	10	G			1.1	7	SOUTHERN GREECE. ML 3.4 (ATH).
	04	12	46	14.9•	6.331	S	147.952	E	64	•	4.6		1.3	15	EASTERN NEW GUINEA REG., P.N.G.
	04	12	48	49.7	6.138	S	147.850	E	80	•	4.5		1.1	33	EASTERN NEW GUINEA REG., P.N.G.
	04	12	58	56.8%	44.388	N	7.403	E	10	G			0.2	9	NORTHERN ITALY. ML 1.8 (GEN).
	04	13	38	16.7?	15.35	N	95.82	W	33	N	3.4		1.0	5	NEAR COAST OF OAXACA, MEXICO
	04	13	47	09.8•	9.607	N	125.978	E	94	•	4.6		0.9	6	MINDANAO, PHILIPPINE ISLANDS
	04	15	56	21.4	44.547	N	10.613	E	10	G			0.8	11	NORTHERN ITALY. ML 2.7 (LDG).
	04	16	04	27.0	28.018	N	128.119	E	29	D	4.7	5.2	1.5	50	RYUKYU ISLANDS
	04	16	34	50.9?	44.50	N	7.15	E	10	G			0.1	4	NORTHERN ITALY. ML 1.2 (GEN).
	04	17	09	28.1&	33.953	N	116.311	W	5					6	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
	04	18	12	21.9•	27.132	N	127.657	E	33	N	4.0		1.4	7	RYUKYU ISLANDS
	04	18	38	14.3?	38.25	N	8.51	W	10	G			0.6	6	PORTUGAL. mbLg 2.9 (MDD).
	04	19	16	56.7&	59.507	N	152.882	W	100					46	SOUTHERN ALASKA. <AEIC>.
	04	19	44	43.1•	24.633	N	93.903	E	50	G	3.9		0.4	9	MYANMAR-INDIA BORDER REGION
	04	20	57	39.3&	60.604	N	151.542	W	69					51	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.6 (AEIC).
	04	21	04	03.3&	61.544	N	151.651	W	84					69	SOUTHERN ALASKA. <AEIC>. Felt (IV) at Skwentna.
	04	21	34	40.4?	25.45	S	176.38	W	33	N			0.8	7	SOUTH OF FIJI ISLANDS
	04	21	44	39.2•	35.134	S	71.089	W	92		4.8		0.9	41	CENTRAL CHILE. MD 4.6 (SAN). Felt strongly in Maule Province.
	04	23	10	46.5&	40.305	N	124.435	W	7					5	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 3.4 (GM).
a	04	23	11	44.8	4.805	S	153.255	E	74		5.2		0.8	114	NEW IRELAND REGION, P.N.G.
	05	00	17	24.5•	31.753	S	70.020	W	142	•			0.4	16	CHILE-ARGENTINA BORDER REGION. MD 4.2 (SAN).
	05	00	23	43.7	33.241	N	71.228	E	33	N	4.9	4.5	1.4	91	PAKISTAN. Felt at Islamabad and Rawalpindi.
	05	00	39	08.8?	42.95	N	146.61	E	73	?	4.3		1.1	8	OFF COAST OF HOKKAIDO, JAPAN
	05	01	35	34.2?	27.09	S	70.58	W	10	G			1.1	6	NEAR COAST OF NORTHERN CHILE
	05	02	15	03.8	43.053	N	12.952	E	17				1.3	65	CENTRAL ITALY. ML 3.8 (ZAG), 3.5 (VIE), 3.5 (LDG). MD 4.2 (TRI), 3.5 (ROM).
	05	02	22	05.9	36.566	N	71.614	E	33	N	4.4		0.8	12	AFGHANISTAN-TAJIKISTAN BORD REG.
	05	03	21	27.3&	34.676	N	121.662	W	6	G				5	OFF COAST OF CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	05	03	25	37.1&	34.690	N	121.695	W	6	G				11	OFF COAST OF CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
	05	03	38	52.8&	33.995	N	116.288	W	4					6	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	05	03	42	52.1	18.944	N	95.820	W	39	•	4.4		0.9	14	VERACRUZ, MEXICO
	05	03	44	16.1&	33.994	N	116.288	W	4					8	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	05	04	27	34.0	3.290	S	139.788	E	33	N	4.9		1.1	18	IRIAN JAYA, INDONESIA
	05	04	29	56.9•	27.937	N	127.921	E	35	D	4.5		1.3	18	RYUKYU ISLANDS
	05	06	29	14.3•	61.122	N	55.865	W	10	G	4.2		1.1	8	DAVIS STRAIT
	05	07	24	06.4•	31.769	S	71.849	W	33	N			0.5	14	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	05	07	47	14.0?	34.29	S	72.15	W	33	N			0.5	14	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	05	07	59	26.1%	39.118	N	27.616	E	10	G			0.3	6	TURKEY
	05	08	05	52.8	39.395	N	20.711	E	26				1.3	38	GREECE-ALBANIA BORDER REGION. ML 3.9 (ATH), 3.7 (TIR), 3.6 (TTG).
	05	09	31	23.9%	39.256	N	28.267	E	10	G			0.3	5	TURKEY
	05	09	41	24.0•	18.376	S	178.413	W	646	?	4.6		0.9	42	FIJI ISLANDS REGION
	05	09	49	49.0?	28.35	S	179.97	E	479	?	4.9		1.2	56	KERMADEC ISLANDS REGION
a	05	09	54	51.5	10.703	S	166.217	E	155	D	5.0		1.1	77	SANTA CRUZ ISLANDS
	05	10	09	23.9%	39.181	N	29.326	E	10	G			0.5	8	TURKEY
	05	10	38	02.8	43.409	N	5.419	E	10	G			0.8	14	NEAR SOUTH COAST OF FRANCE. ML 2.8 (STR).
	05	11	03	54.7	18.992	N	94.373	E	49	•	4.5		0.8	15	MYANMAR
	05	11	46	07.8%	39.140	N	27.577	E	10	G			0.3	6	TURKEY
	05	12	02	46.9•	31.231	N	141.870	E	33	N	4.4		0.8	8	SOUTH OF HONSHU, JAPAN

	05	12	05	40.8*	37.489	N	71.436	E	33	N	4.6		1.0	10	AFGHANISTAN-TAJIKISTAN BORD REG.
	05	12	08	14.7%	42.765	N	19.166	E	10	G			0.3	6	NORTHWESTERN BALKAN REGION. ML 1.6 (TTG).
a	05	12	38	26.8	5.428	S	147.090	E	220	D	5.4		0.9	164	EASTERN NEW GUINEA REG., P.N.G.
	05	12	52	19.5	41.997	N	142.503	E	72		4.6		1.0	42	HOKKAIDO, JAPAN REGION
	05	14	09	37.6%	41.131	N	28.508	E	10	G			0.4	8	TURKEY
	05	14	51	42.0%	39.101	N	27.627	E	10	G			0.7	6	TURKEY
	05	15	03	55.8	9.300	S	120.353	E	22	D	4.9		1.4	41	SUMBA REGION, INDONESIA
	05	15	11	26.5	26.854	S	26.547	E	5	G			1.4	11	REPUBLIC OF SOUTH AFRICA. mbLg 3.6 (BUL).
	05	15	17	19.4?	6.52	S	147.44	E	76	?	4.0		0.1	5	EASTERN NEW GUINEA REG., P.N.G.
	05	15	37	42.5*	38.608	N	21.626	E	10	G			1.4	6	GREECE. ML 3.1 (TIR). MD 3.2 (ATH).
	05	16	43	45.2%	45.986	N	2.949	E	10	G			0.4	5	FRANCE. ML 1.9 (LDG).
	05	17	07	11.9*	21.470	S	68.399	W	131	*	4.9		1.5	18	CHILE-BOLIVIA BORDER REGION
	05	17	24	37.9	5.422	N	77.365	W	76	*	4.7		0.9	46	NEAR WEST COAST OF COLOMBIA
	05	17	38	40.7	39.258	N	20.793	E	20	*			1.3	13	GREECE-ALBANIA BORDER REGION. ML 3.5 (TIR).
	05	17	46	09.9*	51.452	N	16.039	E	10	G			0.9	7	POLAND. ML 3.5 (VIE).
	05	19	01	54.9?	12.15	S	75.25	W	33	N	4.3		0.8	10	CENTRAL PERU
	05	20	33	44.2?	3.42	S	134.37	E	33	N	4.8		1.1	7	IRIAN JAYA REGION, INDONESIA
	05	20	49	06.1&	32.710	N	115.459	W	16					5	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.0 (PAS).
	05	21	02	26.8&	63.209	N	150.619	W	128					58	CENTRAL ALASKA. <AEIC>.
	05	21	29	01.1	38.622	N	21.767	E	10	G			1.2	13	GREECE. MD 3.1 (ATH).
	05	21	34	36.4&	33.183	N	118.676	W	12					4	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS).
a	05	21	46	41.9&	40.273	N	124.552	W	21		5.0	4.9		217	NEAR COAST OF NORTHERN CALIF. <BRK-P>. ML 4.8 (BRK). Felt (V) at Fortuna and Honeydew. Felt (IV) at Arcata, Bayside, Bridgeville, Carlotta, Ferndale, Fields Landing, Fort Bragg, Miranda, Myers Flat, Phillipsville, Redcrest, Rio Dell, Samoa, Scotia, Whitethorn and Weott. Also felt at Alderpoint, Blue Lake, Eureka, Garberville, Hydesville, Korbel, McKinleyville and Piercy.
	05	23	02	34.0&	36.178	N	117.884	W	0					6	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 2.5 (PAS).
	05	23	19	22.3&	40.304	N	124.438	W	19					4	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 3.0 (GM).
	05	23	33	48.0*	6.327	N	72.232	W	10	G			1.4	8	NORTHERN COLOMBIA
	06	00	01	19.8?	11.18	N	58.50	W	33	N			0.9	8	NORTH ATLANTIC OCEAN. MD 3.6 (TRN).
	06	00	08	41.3?	33.73	S	71.90	W	27				0.5	9	NEAR COAST OF CENTRAL CHILE
	06	00	14	12.6%	39.445	N	27.827	E	10	G			0.3	7	TURKEY
a	06	00	41	12.9	28.107	N	128.032	E	21	D	5.1	5.6	1.3	101	RYUKYU ISLANDS
	06	01	04	32.8	26.657	N	67.342	E	33	N	4.4	4.7	1.1	34	PAKISTAN
	06	01	05	05.2%	40.241	N	30.087	E	10	G			0.9	10	TURKEY
	06	01	50	38.0%	33.510	S	71.242	W	33	N			0.6	11	NEAR COAST OF CENTRAL CHILE
	06	01	55	36.2?	19.24	N	64.49	W	33	N	3.4		0.4	8	VIRGIN ISLANDS
a	06	01	58	29.4	0.602	S	133.905	E	26	D	5.1	4.8	1.2	58	IRIAN JAYA REGION, INDONESIA
	06	02	34	50.7%	40.248	N	30.076	E	10	G			0.7	10	TURKEY
	06	04	26	45.9?	17.80	S	69.47	W	171	*	3.4		1.1	8	PERU-BOLIVIA BORDER REGION
	06	06	25	39.1%	42.546	N	12.978	E	10	G			1.1	6	CENTRAL ITALY
	06	06	46	13.3%	41.092	N	28.757	E	10	G			0.6	5	TURKEY
	06	06	55	53.6&	60.905	N	157.784	W	1					22	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
	06	07	47	24.8*	17.067	N	61.512	W	33	N			1.1	11	LEEWARD ISLANDS. ML 2.9 (FDF). MD 2.9 (TRN).
	06	08	00	41.1	48.005	N	7.930	E	10	G			0.6	9	FRANCE. ML 2.9 (LDG).
	06	08	55	26.4	9.488	N	122.279	E	45	*	4.5	4.0	1.2	19	NEGROS, PHILIPPINE ISLANDS
	06	08	56	27.2	31.278	N	141.620	E	33	N	4.5		1.1	22	SOUTH OF HONSHU, JAPAN
	06	09	18	46.0&	66.368	N	156.105	W	6					17	NORTHERN ALASKA. <AEIC>. ML 2.9 (AEIC).
	06	09	20	06.3?	44.39	N	11.59	E	10	G			0.6	5	NORTHERN ITALY
	06	09	40	41.6%	16.276	N	61.073	W	33	N			0.1	5	LEEWARD ISLANDS. ML 2.5 (FDF).
	06	09	59	05.1?	51.63	N	16.25	E	5	G			0.5	7	POLAND. ML 3.1 (VIE).
	06	10	18	38.0*	6.572	S	147.076	E	13		4.1		1.5	11	EASTERN NEW GUINEA REG., P.N.G. ML 4.6 (PMG).
	06	10	26	59.5	6.521	S	147.142	E	14	D	5.1	4.5	1.4	67	EASTERN NEW GUINEA REG., P.N.G. ML 5.1 (PMG).
	06	10	33	16.5?	39.80	N	28.88	E	10	G			0.7	5	TURKEY
	06	10	35	41.0%	39.707	N	29.470	E	10	G			0.7	6	TURKEY
	06	10	50	11.0	0.172	S	123.093	E	78	D	5.1		1.2	113	MINAHASSA PENINSULA, SULAWESI
	06	11	33	32.6&	62.006	N	149.840	W	46		4.5			115	CENTRAL ALASKA. <AEIC>. ML 4.7 (AEIC), 4.6 (PMR). Felt (III) at Anchorage, Palmer, Talkeetna, Wasilla and Willow.
	06	11	37	20.4*	37.433	N	72.103	E	33	N	4.0		0.9	10	TAJIKISTAN
	06	12	31	49.5*	5.885	S	146.584	E	125	*	4.3		0.9	6	EASTERN NEW GUINEA REG., P.N.G.
	06	13	01	48.4*	38.713	N	22.859	E	33	N			1.2	6	GREECE. ML 3.0 (ATH).
	06	13	08	18.8*	60.554	N	4.830	E	10	G			0.3	6	SOUTHERN NORWAY. MD 1.5 (BER). ML 1.1 (NAO).
	06	13	43	47.0*	6.168	S	147.579	E	54	*	4.3		1.1	8	EASTERN NEW GUINEA REG., P.N.G.
	06	13	47	53.4	60.555	N	4.802	E	10	G			0.2	8	SOUTHERN NORWAY. MD 1.8 (BER).
	06	14	51	39.1	21.026	S	70.291	W	37	D	5.0		1.3	57	NEAR COAST OF NORTHERN CHILE
	06	15	21	41.5?	41.85	N	28.86	E	33	N			0.5	6	TURKEY
	06	15	41	10.1*	38.428	N	22.109	E	10	G			1.3	6	GREECE. ML 3.2 (ATH).
a	06	15	51	43.2	12.813	N	88.252	W	85	D	5.2		1.2	205	OFF COAST OF CENTRAL AMERICA. Mo=5.0*10**17 Nm (PPT). Felt (IV) at San Salvador, El Salvador. Also felt at Tegucigalpa, Honduras.
	06	17	14	28.5*	31.472	N	142.495	E	33	N	4.1		0.8	10	SOUTH OF HONSHU, JAPAN
	06	17	54	06.7%	39.869	N	28.842	E	10	G			0.7	5	TURKEY
	06	18	34	00.7	28.020	S	26.753	E	10		5.3	4.3	0.9	193	REPUBLIC OF SOUTH AFRICA. Minor damage at Riebeeckstad and Welkom. Felt as far away as Kroonstad and Vereeniging.
	06	18	38	08.4?	39.08	N	19.17	E	10	G			0.8	10	GREECE-ALBANIA BORDER REGION
	06	19	01	13.3	33.518	S	71.234	W	33	N			0.6	11	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
	06	19	02	02.9	47.274	N	9.854	E	10	G			0.9	8	GERMANY
	06	19	59	13.8%	40.439	N	29.390	E	10	G			0.6	6	TURKEY
	06	20	07	50.2	7.122	N	127.147	E	33	N	4.3		0.7	13	PHILIPPINE ISLANDS REGION
	06	20	31	12.1&	61.600	N	149.866	W	35					41	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	06	21	28	11.7?	5.81	S	146.01	E	138	G			0.1	5	EASTERN NEW GUINEA REG., P.N.G.
a	06	21	40	40.8	1.068	N	124.040	E	18	G	5.9	5.6	1.1	257	MINAHASSA PENINSULA, SULAWESI. Mo=2.0*10**18 Nm (PPT). Depth from broadband displacement seismograms.
	06	22	56	04.1*	43.929	N	148.628	E	33	N	3.8		0.6	15	EAST OF KURIL ISLANDS
a	06	23	29	32.3	3.672	N	126.954	E	44	D	5.5	4.8	1.1	173	TALAUD ISLANDS, INDONESIA
	07	00	00	48.9&	59.583	N	153.032	W	98		3.4			83	SOUTHERN ALASKA. <AEIC>. Felt (II) at Pedro Bay.
	07	01	09	11.7&	61.955	N	149.843	W	46					54	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).

	07	01	30	25	1	52.347	N	168.886	W	33	N	4.8 4.7	0.9	70	FOX ISLANDS, ALEUTIAN ISLANDS
o	07	01	34	07	7	31.278	N	141 686	E	52	D	5.1	0.9	64	SOUTH OF HONSHU, JAPAN
	07	01	36	41	9&	63 211	N	150.567	W	137				41	CENTRAL ALASKA. <AEIC>.
	07	03	36	15	2&	60.949	N	151.560	W	68				25	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.6 (AEIC).
	07	03	37	53.9%		43.145	N	18.888	E	10	G		0.1	6	NORTHWESTERN BALKAN REGION. ML 1.2 (TTG).
	07	04	40	10.8		43.272	N	127.002	W	10	G	3.2	0.5	81	OFF COAST OF OREGON
	07	06	50	55.8		45.216	N	6.991	E	10	G		0.6	17	FRANCE. ML 2.6 (LDG). 2 3 (GEN).
	07	08	05	25.1		6.282	S	104.036	E	68	•	4.8	1.1	51	SUNDA STRAIT
	07	08	12	29	9&	60.110	N	153.074	W	120				19	SOUTHERN ALASKA. <AEIC>.
o	07	09	01	45.0		16.505	N	98.656	W	5	G	5.3 5.0	0.9	148	NEAR COAST OF GUERRERO, MEXICO. Felt in parts of Oaxaca and Guerrero.
	07	10	44	48.6		40.138	N	27.826	E	10	G		0.6	10	TURKEY
	07	11	35	07.0&		63.277	N	151.206	W	12				79	CENTRAL ALASKA. <AEIC>. ML 3.7 (AEIC), 4.2 (PMR). Felt strongly at Camp Denali.
	07	11	41	46.3?		32.24	S	71.68	W	33	N		0.7	7	NEAR COAST OF CENTRAL CHILE MD 3.8 (SAN).
	07	11	45	59.5		43.838	N	18.814	E	11		4.7	1.4	170	NORTHWESTERN BALKAN REGION. ML 4.8 (ZAG), 4.4 (TIR), 4.4 (ROM), 4.2 (TTG). MD 4.8 (TRI). Felt (VI) in the Visegrad area. Also felt at Sarajevo, Bosnia-Herzegovina.
	07	11	57	56.5%		38.673	S	177.805	E	33	N		0.8	6	NORTH ISLAND, NEW ZEALAND. ML 3.7 (WEL).
o	07	12	02	14.6		6.202	S	147.510	E	67		5.1	1.1	72	EASTERN NEW GUINEA REG., P.N.G.
	07	14	11	53.5&		63.354	N	151.160	W	21				22	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
o	07	14	26	00.2		24.224	S	176.226	W	67	D	5.5	1.1	122	SOUTH OF FIJI ISLANDS
	07	14	47	10.8?		11.12	S	165.67	E	33	N	4.5	1.3	10	SANTA CRUZ ISLANDS
	07	15	31	14.8%		46.801	N	3.658	E	10	G		0.5	6	FRANCE. ML 1.3 (LDG).
o	07	17	41	10.4		16.415	N	98.652	W	5	G	5.3 4.8	0.9	165	NEAR COAST OF GUERRERO, MEXICO. Felt at Mexico City.
	07	20	57	46.5		35.906	N	31.146	E	90	?		0.6	15	CYPRUS REGION
	07	21	21	27.8•		24.342	S	66.917	W	168	•	4.3	1.2	12	SALTA PROVINCE, ARGENTINA
	07	21	24	50.8•		6.566	S	147.939	E	38	•	4.6	1.3	11	EASTERN NEW GUINEA REG., P.N.G.
	07	21	59	59.7%		43.217	N	20.002	E	10	G		0.6	8	NORTHWESTERN BALKAN REGION. ML 1.7 (TTG).
	07	22	16	45.3?		55.39	N	161.69	E	33	N	4.2	0.7	7	NEAR EAST COAST OF KAMCHATKA
	08	00	12	53.0		6.423	S	147.567	E	31		4.4	1.3	10	EASTERN NEW GUINEA REG., P.N.G. ML 4.4 (PMG).
	08	00	17	44.9&		60.038	N	153.012	W	112		3.3		48	SOUTHERN ALASKA. <AEIC>.
	08	00	25	59.1		28.501	N	94.050	E	10	G	4.5	0.5	18	EASTERN XIJANG-INDIA BORDER REG.
	08	01	17	36.6•		43.208	N	18.244	E	10	G		0.8	9	NORTHWESTERN BALKAN REGION. ML 2.1 (TTG).
	08	01	24	48.1?		33.65	S	71.63	W	10	G		1.0	5	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	08	02	39	19.4•		23.130	N	94.000	E	117	•	4.6	0.5	13	MYANMAR-INDIA BORDER REGION
	08	02	42	13.0•		43.018	N	0.257	E	13			1.3	12	FRANCE. ML 3.1 (LDG). Felt in the Bigorre District.
	08	02	52	10.6		42.150	N	25.779	E	10	G		1.2	13	BULGARIA. MD 3.6 (ATH). Felt (IV) in the Chirpan-Khaskova-Dimitrovgrad area.
	08	03	29	34.5?		45.67	N	26.50	E	130	G		0.5	6	ROMANIA
	08	03	33	44.1%		39.768	N	16.167	E	10	G		0.7	6	SOUTHERN ITALY
	08	03	38	56.0		54.364	N	158.488	E	182		5.0	0.8	236	KAMCHATKA
	08	07	22	51.7•		35.033	N	28.610	E	33	N		0.4	6	EASTERN MEDITERRANEAN SEA. MD 3.9 (HLW).
	08	07	44	48.1?		9.41	N	82.41	W	33	N		0.4	6	PANAMA-COSTA RICA BORDER REGION
	08	07	52	00.5		14.144	N	92.680	W	40	•	4.6 3.6	1.0	78	NEAR COAST OF CHIAPAS, MEXICO
	08	07	56	45.8•		25.432	N	121.465	E	10	G		1.4	7	TAIWAN. ML 3.8 (BJI).
	08	09	10	14.6&		63.214	N	149.696	W	106				35	CENTRAL ALASKA. <AEIC>.
	08	09	20	54.5•		43.598	N	88.277	E	30	•	4.2	0.8	9	NORTHERN XINJIANG, CHINA
o	08	09	30	16.1		81.246	N	121.270	E	32	D	5.1 4.6	0.9	165	EAST OF SEVERNAYA ZEMLYA, RUSSIA
	08	10	20	20.6•		6.708	S	147.325	E	10	G	4.1	1.1	7	EASTERN NEW GUINEA REG., P.N.G. ML 4.0 (PMG).
	08	11	03	09.4?		48.07	N	7.45	E	10	G		0.2	4	FRANCE. ML 1.3 (LDG).
	08	11	06	42.0?		27.87	N	144.48	E	33	N	4.1	0.7	12	BONIN ISLANDS REGION
	08	11	07	30.5•		28.135	N	142.553	E	28	D	4.7 4.2	0.9	24	BONIN ISLANDS REGION
	08	11	18	14.9&		37.638	N	118.958	W	8				6	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.5 (GM).
	08	11	39	53.6&		33.465	N	116.429	W	7				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS).
	08	11	53	13.6&		36.261	N	120.824	W	6				5	CENTRAL CALIFORNIA. <GM-P>. MD 2.5 (GM).
	08	12	00	27.6•		12.048	N	143.461	E	41	D	4.9 4.1	1.3	43	SOUTH OF MARIANA ISLANDS
	08	12	11	00.4?		17.56	N	62.87	W	10	G		0.5	8	LEEWARD ISLANDS. MD 3.5 (TRN).
	08	12	28	11.7?		13.48	N	92.64	W	10	G	4.5	0.6	10	OFF COAST OF CHIAPAS, MEXICO
	08	13	08	47.2		44.422	N	11.474	E	10	G		1.1	16	NORTHERN ITALY
	08	13	47	40.9•		44.441	N	8.279	E	5	G		1.0	8	NORTHERN ITALY. ML 2.3 (LDG).
o	08	13	53	46.2		20.721	S	173.844	W	51	D	4.9	1.0	61	TONGA ISLANDS
	08	14	37	22.4?		43.43	N	7.39	E	10	G		0.4	4	NEAR SOUTH COAST OF FRANCE. ML 2.3 (LDG).
	08	17	20	29.2?		6.62	S	147.95	E	35	?	4.1	0.5	5	EASTERN NEW GUINEA REG., P.N.G.
	08	17	42	08.6•		39.619	N	33.132	E	10	G		1.2	7	TURKEY
	08	18	18	05.8•		32.227	N	31.316	E	10	G		0.5	8	EASTERN MEDITERRANEAN SEA. ML 3.5 (CSS). MD 3.6 (HLW).
	08	18	21	58.6		45.206	N	148.885	E	74	D	4.8	0.9	27	KURIL ISLANDS
	08	18	36	18.4%		40.185	N	2.318	W	10	G		1.1	5	SPAIN. mbLg 2.5 (MDD).
	08	18	42	24.7•		27.657	S	71.337	W	33	N		0.1	5	NEAR COAST OF NORTHERN CHILE
	08	19	29	57.0&		37.385	N	118.540	W	11				4	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.7 (GM).
	08	19	35	43.1?		4.86	S	139.69	E	10	G	4.5	1.3	5	IRIAN JAYA, INDONESIA
	08	20	07	22.1•		15.231	N	122.980	E	10	G	3.5	1.1	8	PHILIPPINE ISLANDS REGION
	08	20	46	35.7?		32.48	S	71.48	W	28			0.3	8	NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	08	20	46	48.8•		21.198	S	178.882	W	632	•	4.7	1.1	33	FIJI ISLANDS REGION
	08	21	04	20.0%		46.294	N	0.522	W	10	G		1.3	6	FRANCE. ML 2.2 (LDG).
	08	22	19	04.2&		63.297	N	151.154	W	12				52	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC), 3.0 (PMR).
	08	23	10	27.6%		44.507	N	7.268	E	10	G		0.3	6	NORTHERN ITALY. ML 1.5 (GEN).
	08	23	10	49.5?		44.50	N	7.28	E	10	G		0.3	4	NORTHERN ITALY. ML 1.2 (GEN).
	08	23	22	37.9%		46.084	N	0.083	E	10	G		1.2	12	FRANCE. ML 2.4 (LDG).
	08	23	32	59.0&		60.259	N	153.237	W	172		4.2		84	SOUTHERN ALASKA. <AEIC>.
	08	23	46	25.4?		22.38	S	170.59	E	33	N	4.5	1.2	11	LOYALTY ISLANDS REGION
	08	23	55	48.1•		54.633	N	163.404	W	149	•	4.4	0.8	45	UNIMAK ISLAND REGION
	09	00	00	09.4%		42.538	N	18.677	E	10	G		0.1	8	NORTHWESTERN BALKAN REGION. ML 1.6 (TTG).
	09	00	04	18.7&		59.862	N	151.730	W	62				55	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.9 (AEIC).
o	09	00	24	54.5		23.007	S	176.365	W	79	D	5.7	0.9	223	SOUTH OF FIJI ISLANDS
	09	00	30	50.3%		18.338	N	66.402	W	33	N		0.8	5	PUERTO RICO REGION
o	09	00	31	56.3		8.474	S	111.100	E	64	G	5.9	1.2	263	JAWA, INDONESIA. Mo=7.9•10••17 Nm (PPT). Felt at Yogyakarta, Semarang and Surabaya. Two events about 2.1 seconds apart. Depth from broadband displacement seismograms, based on first event.
	09	02	10	40.0%		43.324	N	19.200	E	10	G		0.3	9	NORTHWESTERN BALKAN REGION. ML 1.9 (TTG).
o	09	02	46	58.3•		65.346	S	178.521	E	10	G	4.8 5.4	1.4	16	BALLENY ISLANDS REGION

	09	03	14	30.4*	4.806	S	153.310	E	58	?	4.9		1.1	17	NEW IRELAND REGION, P.N.G.
	09	04	10	02.9%	42.516	N	18.679	E	10	G			0.4	9	NORTHWESTERN BALKAN REGION. ML 2.1 (TTG).
	09	04	24	28.8%	38.342	S	176.008	E	201	*			0.5	25	NORTH ISLAND, NEW ZEALAND
	09	05	31	39.4*	36.935	S	177.236	E	190	*	3.4		1.1	16	OFF E. COAST OF N. ISLAND, N.Z.
	09	05	32	10 4&	36.286	N	120.047	W	16					8	CENTRAL CALIFORNIA. <GM-P> MD 3.0 (GM). ML 2.9 (GS), 2.9 (PAS).
	09	06	22	14.7*	20.207	S	69.410	W	124	*	4.5		1.3	11	NORTHERN CHILE
a	09	06	41	05.7	49.804	S	110.567	E	10	G	5.3	4.5	0.8	48	SOUTHEAST INDIAN RIDGE
	09	07	10	37.8	43.011	N	3.126	E	10	G			0.6	10	NEAR SOUTH COAST OF FRANCE. ML 3.0 (LDG).
	09	07	20	33.3&	61.333	N	150.072	W	38		4.9	4.6		189	SOUTHERN ALASKA. <AEIC> ML 4.7 (AEIC), 5.1 (PMR). Felt (V) at Anchorage and Elmendorf Air Force Base. Felt (IV) at Big Lake, Eagle River, Hope, Palmer and Wasilla.
	09	08	46	52.5?	5.64	S	147.07	E	194	*	4.7		1.4	8	EASTERN NEW GUINEA REG., P.N.G.
	09	09	14	24.8*	33.304	N	71.374	E	33	N	4.4		1.0	7	PAKISTAN
	09	09	45	58.4	13.160	S	167.158	E	200	D	4.8		1.1	86	VANUATU ISLANDS
	09	10	16	20.4?	39.07	N	27.56	E	10	G			0.1	4	TURKEY
	09	10	32	52.5*	12.435	N	144.715	E	41	*	4.5	4.3	1.1	29	SOUTH OF MARIANA ISLANDS
	09	11	23	33.7*	33.120	S	70.265	W	117	?			0.2	11	CHILE-ARGENTINA BORDER REGION. MD 4.0 (SAN).
	09	12	27	57.0?	44.58	N	11.73	E	10	G			0.5	6	NORTHERN ITALY
	09	12	59	24.2&	37.288	N	121.667	W	4					8	CENTRAL CALIFORNIA. <GM-P>. MD 2.9 (GM).
	09	13	05	08.1*	65.817	N	154.939	W	10	G			0.6	6	NORTHERN ALASKA. ML 3.8 (PMR).
	09	13	17	53.1	31.141	N	131.356	E	59		4.8		1.1	73	KYUSHU, JAPAN
	09	13	48	41.3&	34.309	N	117.052	W	6					5	SOUTHERN CALIFORNIA. <PAS-P>. MD 2.5 (PAS).
	09	14	23	10.9	5.577	S	149.488	E	137		4.8		0.8	21	NEW BRITAIN REGION, P.N.G.
a	09	14	45	82.5	1.119	N	124.172	E	42	D	5.6	5.3	1.0	194	MINAHASSA PENINSULA, SULAWESI. Mo=6.3*10**17 Nm (PPT).
	09	14	53	56.4	0.998	N	124.063	E	33	N	4.8		1.3	23	MINAHASSA PENINSULA, SULAWESI
	09	15	07	51.0%	15.817	N	60.838	W	33	N			0.3	8	LEEWARD ISLANDS. ML 3.0 (FDF).
	09	15	17	20.3	1.120	N	124.168	E	28	D	5.0		1.2	26	MINAHASSA PENINSULA, SULAWESI
	09	15	21	25.3?	34.08	S	70.23	W	115	G			0.2	9	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
	09	15	28	16.5*	0.889	N	123.875	E	24	D	4.6		1.5	22	MINAHASSA PENINSULA, SULAWESI
	09	16	01	55.6	60.741	N	5.317	E	10	G			1.3	6	SOUTHERN NORWAY. ML 1.6 (NAO). MD 1.5 (BER).
	09	17	34	22.3%	16.625	N	61.174	W	10	G			0.7	6	LEEWARD ISLANDS. ML 3.0 (FDF).
	09	19	30	09.5*	51.344	N	151.239	E	389	*	4.1		0.9	17	SEA OF OKHOTSK
	09	20	06	47.8	36.611	N	27.998	E	98	?			1.2	13	DODECANESE ISLANDS. MD 4.0 (ATH). Felt at Mugla, Turkey.
	09	20	09	14.5&	37.177	N	121.675	W	6					9	CENTRAL CALIFORNIA. <GM-P>. MD 3.2 (GM). ML 3.4 (BRK). Felt at Morgan Hill.
	09	20	11	36.9&	61.484	N	148.025	W	9					82	SOUTHERN ALASKA. <AEIC>. ML 3.5 (AEIC), 3.8 (PMR). Felt (IV) at Palmer, (III) at Butte and (II) at Anchorage.
	09	21	21	48.7&	58.999	N	137.528	W	0					24	SOUTHEASTERN ALASKA. <AEIC>. ML 3.6 (AEIC), 4.0 (PGC).
	09	22	04	30.9&	61.325	N	150.084	W	36					61	SOUTHERN ALASKA. <AEIC>. ML 3.0 (AEIC), 3.3 (PMR). Felt (II) at Anchorage.
	09	22	11	52.0&	34.170	N	116.314	W	1					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	09	22	17	07.5	10.240	S	124.215	E	20	D	4.8		1.3	28	TIMOR REGION, INDONESIA
	09	22	54	14.0	51.511	N	16.161	E	5	G	3.5		0.4	14	POLAND. ML 3.5 (VIE), 3.4 (GRF).
	09	23	00	19.7*	35.337	N	139.832	E	123		3.8		1.2	23	NEAR S. COAST OF HONSHU, JAPAN
	10	00	41	39.2	1.101	N	124.162	E	24	D	5.0	4.2	0.8	33	MINAHASSA PENINSULA, SULAWESI
	10	00	59	48.6	1.093	N	124.172	E	18	D	5.1	4.5	1.0	69	MINAHASSA PENINSULA, SULAWESI
a	10	01	24	06.1	53.581	N	165.423	W	33	N	5.2	4.4	1.0	183	FOX ISLANDS, ALEUTIAN ISLANDS. Felt (IV) at Dutch Harbor and Unalaska. Felt (III) at Akutan.
	10	01	43	14.8*	37.011	N	28.279	E	10	G			0.2	6	TURKEY
a	10	02	13	45.4	1.084	N	124.089	E	31	D	5.9	5.8	1.2	228	MINAHASSA PENINSULA, SULAWESI. Mo=1.6*10**18 Nm (PPT). Felt in the Manado area.
	10	02	15	07.9&	34.171	N	116.314	W	1					5	SOUTHERN CALIFORNIA. <PAS-P>. MD 2.5 (PAS).
	10	02	22	55.5&	59.720	N	153.509	W	125					42	SOUTHERN ALASKA. <AEIC>.
	10	02	37	01.2*	38.623	N	90.147	E	10	G	4.4		1.4	10	SOUTHERN XINJIANG, CHINA
	10	02	55	04.0&	66.033	N	150.660	W	20					20	NORTHERN ALASKA. <AEIC>. ML 2.9 (AEIC), 3.0 (PMR).
	10	03	16	48.1&	38.218	N	119.299	W	9					6	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.7 (GM).
	10	03	45	35.1	32.926	S	70.373	W	99	*			0.4	13	CHILE-ARGENTINA BORDER REGION. MD 3.8 (SAN).
	10	04	28	40.4	41.849	N	19.594	E	10	G			0.5	13	ALBANIA. ML 2.9 (TIR), 2.3 (TTG).
	10	05	50	02.6*	1.301	N	124.371	E	33	N	4.1		0.9	7	MINAHASSA PENINSULA, SULAWESI
	10	06	05	40.5	43.420	N	5.450	E	10	G			0.8	8	NEAR SOUTH COAST OF FRANCE. ML 2.5 (STR).
	10	07	40	05.5?	6.22	S	147.79	E	63	*	4.5		1.5	7	EASTERN NEW GUINEA REG., P.N.G.
	10	07	44	30.3?	39.12	N	26.11	E	10	G			0.3	5	TURKEY
	10	07	46	47.7?	34.85	S	68.62	W	10	G			0.9	15	MENDOZA PROVINCE, ARGENTINA. MD 4.2 (SAN).
	10	07	53	01.0%	39.059	N	27.413	E	10	G			0.3	5	TURKEY
	10	09	27	13.5*	1.121	N	124.218	E	23	D	4.8	4.3	1.1	17	MINAHASSA PENINSULA, SULAWESI
	10	09	31	49.7	1.119	N	124.128	E	24	D	4.9	4.4	1.2	46	MINAHASSA PENINSULA, SULAWESI
	10	09	43	35.9*	22.829	S	174.872	W	39	D	5.1		1.2	46	TONGA ISLANDS REGION
	10	10	03	53.1	1.186	N	124.294	E	23	D	4.8		1.3	28	MINAHASSA PENINSULA, SULAWESI
	10	10	53	28.0&	59.811	N	153.400	W	121		2.8			62	SOUTHERN ALASKA. <AEIC>.
	10	11	28	47.2?	47.65	N	13.31	E	5	G			1.5	8	AUSTRIA. ML 2.5 (VIE).
a	10	12	45	14.3	58.959	S	25.494	W	33	N	5.5	4.7	1.0	93	SOUTH SANDWICH ISLANDS REGION
	10	13	41	24.9	25.660	N	96.758	E	33	N	4.7	4.3	1.2	51	MYANMAR
	10	14	02	38.7*	17.778	N	63.422	W	10	G	3.6		0.5	11	LEEWARD ISLANDS. MD 3.5 (TRN).
	10	14	05	05.1*	31.732	S	70.987	W	124	?			0.3	14	CHILE-ARGENTINA BORDER REGION. MD 4.2 (SAN).
	10	15	07	49.1	36.757	N	7.736	W	33	N			1.0	16	STRAIT OF GIBRALTAR. mbLg 2.9 (MDD). MD 3.0 (RBA).
	10	15	13	49.0?	32.40	S	70.95	W	100	G			0.2	8	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
	10	16	11	21.8%	44.325	N	7.504	E	10	G			0.4	6	NORTHERN ITALY. ML 1.6 (GEN).
	10	18	29	02.6	51.466	N	6.946	E	10	G			1.4	11	GERMANY. ML 3.0 (LDG), 2.4 (BNS).
a	10	18	41	04.0	11.681	S	166.205	E	15	D	5.2	4.8	1.0	74	SANTA CRUZ ISLANDS
	10	18	45	04.9	40.082	N	30.386	E	19	*			1.0	13	TURKEY. MG 3.2 (DDA).
	10	19	09	03.0*	37.929	N	27.322	E	5	G			1.1	8	TURKEY
	10	20	57	20.2%	43.080	N	0.500	W	10	G			0.2	5	PYRENEES. ML 1.0 (STR).
	10	21	21	18.6	37.902	N	29.350	E	5	G			0.6	10	TURKEY
	10	22	51	24.7%	39.405	S	174.353	E	249				0.4	32	NORTH ISLAND, NEW ZEALAND
	11	00	15	58.1*	39.608	N	22.296	E	10	G			1.3	11	GREECE. MD 3.2 (ATH).
	11	00	16	22.8&	62.932	N	149.691	W	78					44	CENTRAL ALASKA. <AEIC>.
	11	00	20	22.0	45.920	N	14.900	E	10	G			1.2	89	NORTHWESTERN BALKAN REGION. ML 3.9 (VIE), 3.8 (FUR), 3.8 (LDG), 3.5 (ZAG). MD 3.8 (LJU), 3.6 (FIR), 3.4 (TRI). Felt (VI) at Dobrnic and Vrbovec; (V) at Mirna and Trebnje; (IV) at Ljubljana, Slovenia.

	11	00	24	19.1&	34.175	N	116.350	W	1		4.1		27	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.3 (PAS), 4.1 (GS) Felt (IV) at Jashua Tree, Pioneertown and Yucco Valley Felt (III) at Indio, Marango Valley, Palm Springs and San Bernordino. Also felt at White Water.
	11	00	40	10.7*	41.914	N	21.496	E	10	G		1.5	16	NORTHWESTERN BALKAN REGION. ML 2.8 (SKO), 2.5 (TIR), 2.5 (TTG). Felt (III) at Katlanovo, Yugoslavio.
	11	00	48	09.5&	34.170	N	116.351	W	1				4	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.5 (PAS).
	11	00	52	00.7*	39.697	N	21.993	E	10	G		1.0	6	GREECE. MD 3.2 (ATH).
	11	01	26	48.4*	11.370	S	117.603	E	33	N	4.5	1.2	16	SOUTH OF SUMBAWA, INDONESIA
a	11	02	03	35.6	1.077	N	124.115	E	28	D	5.8 5.2	1.2	267	MINAHASSA PENINSULA, SULAWESI. Mo=7.9*10**17 Nm (PPT). Felt at Manado.
	11	02	10	15.4?	43.79	N	7.11	E	10	G		0.4	4	NEAR SOUTH COAST OF FRANCE. ML 2.2 (LDG).
	11	02	41	00.9&	34.178	N	116.352	W	1				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.1 (GS).
	11	02	41	52.6	38.222	N	28.780	E	10	G		0.8	14	TURKEY
	11	02	46	12.9&	34.169	N	116.350	W	1				4	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	11	03	20	36.0	17.879	N	63.270	W	10	G	3.6	1.0	16	LEEWARD ISLANDS. MD 3.8 (TRN).
	11	03	28	47.9*	24.889	N	122.260	E	10	G		0.5	6	TAIWAN REGION
	11	04	02	08.3&	34.169	N	116.351	W	1				4	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.5 (PAS).
	11	04	48	48.3	41.218	N	19.558	E	10	G		1.4	22	ALBANIA. ML 2.9 (TTG), 2.7 (TIR).
	11	05	09	13.4*	50.481	N	8.752	W	11			1.1	19	NORTH ATLANTIC OCEAN
	11	05	48	28.8	17.575	N	63.351	W	38		4.4 3.8	0.9	49	LEEWARD ISLANDS. MD 4.4 (TRN). Felt on St. Christopher.
	11	06	27	52.3?	17.70	N	63.65	W	10	G		0.6	9	LEEWARD ISLANDS. MD 3.5 (TRN).
	11	07	01	11.9%	42.171	N	7.813	W	10	G		0.5	5	SPAIN. mbLg 3.4 (MDD). Felt (III) in the Alloriz area.
	11	07	46	16.8?	17.68	N	63.36	W	10	G		0.4	8	LEEWARD ISLANDS. MD 3.3 (TRN).
	11	08	35	57.8*	51.414	N	172.577	E	33	N	4.5	0.8	18	NEAR ISLANDS, ALEUTIAN ISLANDS
	11	10	30	51.2?	22.82	N	122.43	E	33	N	3.4	0.4	5	TAIWAN REGION
	11	10	47	24.9?	17.69	N	63.21	W	10	G		0.1	5	LEEWARD ISLANDS. MD 2.9 (TRN).
	11	11	09	50.2	6.963	S	125.330	E	556		5.2	1.0	36	BANDA SEA
	11	12	35	04.0	40.215	N	32.505	E	10	G		1.2	10	TURKEY
	11	12	47	49.8?	31.29	S	69.68	W	130	G		0.6	10	SAN JUAN PROVINCE, ARGENTINA. MD 3.8 (SAN).
	11	13	15	10.0&	63.524	N	152.434	W	8				33	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC).
	11	13	22	05.6?	31.55	S	69.99	W	130	G		0.6	8	SAN JUAN PROVINCE, ARGENTINA. MD 3.5 (SAN).
	11	14	01	35.0*	1.091	N	124.251	E	33	N	4.7	1.1	14	MINAHASSA PENINSULA, SULAWESI
	11	14	31	03.0	40.348	N	142.992	E	60		3.8	1.0	20	NEAR EAST COAST OF HONSHU, JAPAN
	11	15	32	04.1	43.014	N	0.434	E	10	G		1.0	6	FRANCE. ML 3.0 (LDG).
	11	16	20	29.2?	33.34	N	141.48	E	71	?	4.9	1.4	9	OFF EAST COAST OF HONSHU, JAPAN
	11	16	30	30.2	5.568	S	127.364	E	417	*	4.8	0.8	37	BANDA SEA
	11	17	50	42.5&	59.745	N	153.455	W	121				64	SOUTHERN ALASKA. <AEIC>.
	11	18	19	07.6	26.352	S	27.425	E	5	G		1.2	7	REPUBLIC OF SOUTH AFRICA. mbLg 3.4 (BUL).
	11	18	23	19.7?	41.30	N	97.82	E	10	G		1.2	4	WESTERN NEI MONGOL, CHINA
o	11	18	29	40.5	31.344	N	140.885	E	52	D	5.5	1.0	257	SOUTH OF HONSHU, JAPAN
	11	18	38	54.2	60.550	N	4.853	E	10	G		0.2	10	SOUTHERN NORWAY. MD 1.8 (BER). ML 1.7 (NAO).
	11	19	15	21.4?	19.15	S	173.36	W	147	?	4.7	1.7	19	TONGA ISLANDS
	11	20	15	11.4*	38.751	N	22.875	E	10	G		0.9	5	GREECE. MD 3.1 (ATH).
a	11	21	22	33.8*	63.560	S	173.308	E	10	G	5.1 5.1	1.3	19	BALLENY ISLANDS REGION
	11	21	54	51.2?	14.70	N	61.17	W	10	G		0.2	4	WINDWARD ISLANDS
	11	22	08	15.2&	63.691	N	149.956	W	137				46	CENTRAL ALASKA. <AEIC>.
	11	22	26	49.1	51.564	N	7.478	E	10	G		1.2	14	GERMANY. ML 2.9 (LDG), 2.3 (BNS). Felt at Bergkamen.
	11	23	37	21.0%	46.143	N	2.800	E	5	G		0.5	11	FRANCE. ML 1.8 (LDG).
	11	23	42	49.5*	31.744	S	69.694	W	140	?		0.9	17	SAN JUAN PROVINCE, ARGENTINA. MD 4.2 (SAN).
	11	23	44	48.7%	42.948	N	4.757	E	10	G		1.1	7	WESTERN MEDITERRANEAN SEA. ML 2.6 (LDG).
	12	00	05	24.6*	58.956	S	25.470	W	33	N	4.8	1.2	26	SOUTH SANDWICH ISLANDS REGION
	12	00	23	37.0*	18.164	S	178.515	W	556		4.5	1.1	46	FIJI ISLANDS REGION
a	12	00	24	40.1	8.448	N	102.962	W	10	G	4.8 4.5	1.0	50	OFF COAST OF MEXICO
	12	02	00	35.3*	45.443	N	150.673	E	33	N	3.9	0.8	14	KURIL ISLANDS
	12	02	26	45.7	16.638	S	173.637	W	33	N	4.8	1.0	31	TONGA ISLANDS
	12	04	48	34.5*	67.639	N	15.042	E	10	G		1.0	5	NORTHERN NORWAY. MD 3.1 (BER).
o	12	04	56	57.0	11.054	N	126.794	E	24	D	5.3	1.0	134	PHILIPPINE ISLANDS REGION
	12	05	13	07.4%	42.180	N	7.806	W	10	G		0.5	5	SPAIN. mbLg 3.0 (MDD).
	12	05	14	08.8	17.631	N	63.359	W	10	G		0.5	15	LEEWARD ISLANDS. MD 3.5 (TRN).
	12	05	49	14.4&	59.994	N	152.955	W	114				42	SOUTHERN ALASKA. <AEIC>.
	12	05	55	08.7?	37.26	N	15.34	E	10	G		0.2	4	SICILY
	12	06	13	47.5?	39.24	N	27.94	E	10	G		0.8	5	TURKEY
	12	06	37	41.7*	18.205	S	173.541	W	33	N	4.5	1.3	18	TONGA ISLANDS
	12	06	51	01.5&	38.839	N	122.822	W	0				3	NORTHERN CALIFORNIA. <GM-P>. MD 2.6 (GM).
	12	07	27	19.3	46.465	N	153.256	E	29	D	4.7 4.1	1.0	56	KURIL ISLANDS
	12	08	06	10.0?	5.05	S	130.06	E	200	?	4.9	0.9	7	BANDA SEA
	12	08	29	04.4%	42.384	N	18.639	E	10	G		0.3	8	NORTHWESTERN BALKAN REGION. ML 1.4 (TTG).
	12	08	34	36.9?	11.27	N	61.87	W	70	G		0.2	5	WINDWARD ISLANDS. MD 3.3 (TRN).
	12	09	12	35.5?	43.11	N	0.61	W	10	G		0.9	4	PYRENEES. ML 1.0 (STR).
	12	09	28	34.9	42.944	N	11.364	E	15		3.6	1.0	77	CENTRAL ITALY. MD 3.8 (FIR), 3.6 (TRI), 3.4 (ROM). ML 3.7 (VIE), 3.5 (LDG), 3.4 (LJU).
	12	09	41	07.9?	44.18	N	11.58	E	10	G		0.1	4	NORTHERN ITALY
o	12	11	06	30.2	2.617	N	125.687	E	79	G	5.8	1.1	293	TALAUD ISLANDS, INDONESIA. Depth from broodbond displacement seismograms.
	12	11	13	06.2	51.646	N	16.262	E	5	G		0.5	14	POLAND. ML 3.8 (GRF).
	12	11	40	03.7%	33.897	S	71.079	W	56	?		0.2	7	NEAR COAST OF CENTRAL CHILE. MD 3.2 (SAN).
	12	11	45	34.4?	30.13	N	78.89	E	33	N	4.8	1.6	11	NORTHERN INDIA
	12	11	50	19.6	23.887	S	68.193	W	119	D	5.2	1.2	88	NORTHERN CHILE
	12	12	33	24.8	35.270	N	28.391	E	10	G	3.8	1.4	24	EASTERN MEDITERRANEAN SEA. MD 4.2 (ATH), 4.1 (HLW). ML 3.8 (CSS).
	12	12	55	28.4*	35.436	N	28.566	E	10	G	3.7	1.7	25	EASTERN MEDITERRANEAN SEA. MD 4.3 (ATH), 4.0 (HLW). ML 3.8 (CSS).
	12	13	12	57.2	1.087	N	124.165	E	33	N	4.8	1.0	29	MINAHASSA PENINSULA, SULAWESI
	12	13	25	24.1*	36.628	N	49.764	E	33	N	4.3	1.2	18	WESTERN IRAN
	12	13	42	44.2	27.979	N	128.087	E	21	D	4.9	1.2	54	RYUKYU ISLANDS
	12	13	44	11.4	42.694	S	171.889	E	21			0.9	23	SOUTH ISLAND, NEW ZEALAND. ML 3.7 (WEL).
	12	13	45	23.6%	40.053	N	27.812	E	10	G		0.3	5	TURKEY
	12	14	14	49.7*	32.921	S	73.241	W	30			0.5	11	OFF COAST OF CENTRAL CHILE. MD 4.1 (SAN).
	12	14	31	48.6?	16.60	S	177.80	W	81	*	4.4	1.1	28	FIJI ISLANDS REGION
	12	15	29	06.9%	11.592	N	62.041	W	33	N		0.8	8	WINDWARD ISLANDS. MD 3.4 (TRN).
	12	15	54	10.1	43.396	N	5.427	E	10	G		1.3	16	NEAR SOUTH COAST OF FRANCE. ML 2.9 (STR).
	12	16	15	45.2	30.465	N	141.871	E	33	N	4.5 4.0	0.9	26	SOUTH OF HONSHU, JAPAN

	12	17	00	51	0%	32.449	S	70.237	W	110	G		0.4	9	CHILE-ARGENTINA BORDER REGION MD 3.4 (SAN).
	12	17	23	23	8	36.041	N	71.397	E	33	N	4.2	0.3	12	AFGHANISTAN-TAJIKISTAN BORD REG
o	12	18	11	05	5	2.132	S	101.705	E	141	D	5.1	1.1	138	SOUTHERN SUMATERA, INDONESIA
	12	18	11	49	1?	16.12	S	168.69	E	167	?		1.2	25	VANUATU ISLANDS
	12	18	22	09.0*	11.814	S	165.830	E	13	D	4.9	4.6	1.5	21	SANTA CRUZ ISLANDS
o	12	19	16	43.9	34.159	N	8.333	E	10	G	5.3	4.8	1.2	350	TUNISIA Felt in the Al Qattar-Mdhilla area.
	12	19	46	30.8?	33.88	S	73.28	W	31	*			1.2	13	OFF COAST OF CENTRAL CHILE. MD 4.1 (SAN).
	12	20	14	30	6	44.234	N	116.294	E	10	G	4.7	1.2	53	NORTHEASTERN CHINA. ML 5.1 (BJI).
	12	20	24	16	8*	27.945	N	139.378	E	500	G	3.9	0.7	17	BONIN ISLANDS REGION
	12	21	50	53	9?	51.39	N	178.39	W	33	N	4.1	0.7	9	ANDREANOF ISLANDS, ALEUTIAN IS Felt (III) on Adak.
	12	22	52	41.2	39.009	S	174.823	E	262				0.4	42	NORTH ISLAND, NEW ZEALAND
	12	23	11	24.7*	18.740	N	69.702	W	26		3.8		0.8	11	DOMINICAN REPUBLIC REGION
	12	23	24	48.2&	33.203	N	116.271	W	9					6	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS).
	12	23	47	20.4?	14.94	N	61.41	W	130	G			0.2	5	WINDWARD ISLANDS
	13	00	31	16.4*	38.331	S	176.069	E	182	*			0.5	21	NORTH ISLAND, NEW ZEALAND
	13	00	41	28.2*	10.304	N	126.746	E	33	N	4.6		0.5	7	PHILIPPINE ISLANDS REGION
	13	00	46	03.7	43.083	N	0.307	W	10	G			0.2	7	PYRENEES. ML 2.3 (LDG).
	13	01	50	09.8	36.629	N	5.550	W	10	G			1.0	11	STRAIT OF GIBRALTAR. mbLg 3.0 (MDD).
	13	02	04	02.0&	33.814	N	117.006	W	12					3	SOUTHERN CALIFORNIA. <PAS-P>. MD 2.5 (PAS).
	13	03	00	46.9?	36.15	N	26.54	E	33	N	4.0		0.6	4	DODECANESE ISLANDS. MD 4.3 (HLW).
	13	03	08	27.7%	15.901	N	60.684	W	32				0.3	7	LEEWARD ISLANDS. ML 2.8 (FDF).
	13	03	20	16.8	36.675	N	5.489	W	18				1.2	16	STRAIT OF GIBRALTAR. mbLg 3.0 (MDD).
	13	03	30	58.8*	32.545	S	70.654	W	100	G			0.6	14	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
	13	04	24	21.5&	62.033	N	148.969	W	36					22	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
	13	04	36	17.3?	30.60	S	68.38	W	33	N			0.9	5	SAN JUAN PROVINCE, ARGENTINA
	13	05	48	17.6?	36.61	N	5.54	W	10	G			0.3	4	STRAIT OF GIBRALTAR. mbLg 2.7 (MDD).
	13	05	59	46.6*	27.268	N	139.914	E	387	*	4.4		0.6	17	BONIN ISLANDS REGION
	13	06	15	58.1?	30.10	N	141.71	E	33	N	4.4		1.5	5	SOUTH OF HONSHU, JAPAN
	13	07	21	09.1&	34.170	N	116.313	W	1					5	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	13	07	31	28.4*	47.310	N	151.305	E	33	N	4.2		0.6	11	KURIL ISLANDS
	13	07	41	11.9?	38.31	N	15.81	E	10	G			1.0	4	SICILY
o	13	08	58	27.7*	4.772	S	105.587	W	10	G	4.8	4.8	1.0	42	CENTRAL EAST PACIFIC RISE. Mo=3.2*10**17 Nm (PPT).
	13	09	05	16.4&	60.131	N	153.351	W	15					36	SOUTHERN ALASKA. <AEIC>. ML 2.8 (AEIC).
	13	09	32	13.8%	38.379	N	15.766	E	11				1.0	16	SICILY
	13	09	48	34.9	47.217	N	11.041	E	5	G			1.3	22	AUSTRIA. MD 3.0 (LJU). ML 2.5 (VIE), 2.5 (FUR).
	13	09	58	11.3*	28.045	S	71.527	W	150	?			0.9	14	NEAR COAST OF CENTRAL CHILE
	13	10	00	41.0*	32.280	S	57.154	E	10	G	4.9		1.1	37	SOUTHWEST INDIAN RIDGE
	13	10	33	57.8*	10.271	N	126.547	E	33	N	4.6		1.0	16	PHILIPPINE ISLANDS REGION
	13	10	34	34.3*	9.711	N	83.935	W	25	*	3.5		1.5	7	COSTA RICA
	13	10	47	54.6	38.733	N	27.506	E	10	G			0.3	9	TURKEY
	13	11	17	44.5&	40.588	N	124.976	W	19					3	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 2.7 (GM).
	13	12	10	58.8%	42.530	N	18.694	E	10	G			0.2	9	NORTHWESTERN BALKAN REGION. MD 1.8 (TTG).
	13	12	23	08.6%	42.536	N	18.662	E	10	G			0.2	9	NORTHWESTERN BALKAN REGION. ML 1.7 (TTG).
	13	13	06	11.2	42.526	N	18.687	E	10	G			0.6	12	NORTHWESTERN BALKAN REGION. ML 2.5 (TTG).
	13	13	33	18.3%	42.530	N	18.668	E	10	G			0.2	9	NORTHWESTERN BALKAN REGION. ML 1.8 (TTG).
	13	14	06	11.0	0.167	N	98.651	E	76	*	5.0		1.0	45	NORTHERN SUMATERA, INDONESIA
	13	14	12	11.7&	34.069	N	116.319	W	1					4	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS).
	13	14	12	28.4&	62.486	N	150.683	W	71					44	CENTRAL ALASKA. <AEIC>.
	13	14	48	59.3?	37.28	N	71.59	E	33	N	4.1		0.7	8	AFGHANISTAN-TAJIKISTAN BORD REG.
	13	14	49	41.8%	38.344	N	15.807	E	10	G			0.5	6	SICILY
	13	14	49	43.4	38.817	N	27.752	E	10	G			0.4	8	TURKEY
o	13	15	18	41.1	32.992	N	141.479	E	57	D	5.2		1.2	128	SOUTH OF HONSHU, JAPAN
	13	15	40	05.4	28.945	N	82.927	E	33	D	4.6	4.9	1.1	66	NEPAL. ML 5.0 (NDI).
	13	15	59	02.9	36.595	N	5.663	W	10	G			1.5	15	STRAIT OF GIBRALTAR. mbLg 3.9 (MDD). MD 3.5 (RBA).
	13	16	02	27.2?	13.81	N	125.42	E	33	N	4.4		0.9	11	PHILIPPINE ISLANDS REGION
	13	16	42	08.4*	1.831	S	67.972	E	10	G	4.9		0.8	18	CARLSBERG RIDGE
	13	16	55	07.7	39.845	N	77.828	E	35	D	4.7	4.0	1.2	86	SOUTHERN XINJIANG, CHINA
	13	17	09	04.2%	44.441	N	10.294	E	10	G			0.7	13	NORTHERN ITALY
	13	17	50	40.8	13.128	N	124.665	E	92	*	4.8		1.1	30	LUZON, PHILIPPINE ISLANDS
	13	18	05	17.8*	23.580	S	130.284	E	10	G	5.0		1.1	28	NORTHERN TERRITORY, AUSTRALIA
	13	18	41	22.0*	6.677	S	154.322	E	44	D	5.1	4.6	1.2	31	SOLOMON ISLANDS
	13	19	36	22.9%	36.956	N	5.480	W	10	G			0.6	5	STRAIT OF GIBRALTAR. mbLg 2.5 (MDD).
	13	19	53	42.1*	37.936	N	21.330	E	10	G			1.1	5	SOUTHERN GREECE. MD 3.4 (ATH).
	13	20	07	30.2	43.310	N	17.338	E	10	G			0.8	13	NORTHWESTERN BALKAN REGION. MD 3.1 (LJU). ML 2.6 (TTG).
	13	20	08	19.3	38.271	N	36.401	E	33	N	4.3		1.2	62	TURKEY. ML 4.3 (CSS). Felt in the Kayseri area.
	13	20	32	48.2&	62.241	N	148.906	W	41		4.0			81	CENTRAL ALASKA. <AEIC>. ML 4.1 (AEIC), 4.3 (PMR). Felt strongly at Talkeetna. Felt (IV) at Chickaloon and (III) at Sutton. Also felt in the Palmer and Wasilla areas.
	13	21	28	51.3*	44.424	N	11.631	E	10	G			0.6	7	NORTHERN ITALY. MD 2.6 (FIR).
a	13	21	54	31.9	49.148	S	164.852	E	33	N	5.4	4.9	1.3	38	AUCKLAND ISLANDS REGION
	13	22	26	46.5%	33.604	S	69.987	W	10	G			0.2	7	CHILE-ARGENTINA BORDER REGION. MD 3.1 (SAN).
	13	22	44	04.7*	21.630	N	93.019	E	33	N	4.4		1.1	13	MYANMAR
	13	22	45	13.0?	12.13	N	144.70	E	33	N	4.5		0.7	7	SOUTH OF MARIANA ISLANDS
	14	00	01	59.9*	37.973	N	21.281	E	10	G			1.6	6	SOUTHERN GREECE. MD 3.3 (ATH).
	14	00	14	48.3	35.438	N	31.061	E	69	*			1.1	27	CYPRUS REGION. MD 4.2 (HLW).
o	14	01	21	09.8	6.157	S	104.252	E	54	D	5.2		1.0	108	SUNDA STRAIT
	14	01	43	52.0*	10.328	N	126.543	E	33	N	4.8		1.6	12	PHILIPPINE ISLANDS REGION
	14	01	56	47.6?	43.10	N	0.64	W	10	G			0.2	4	PYRENEES. ML 1.0 (STR).
	14	02	14	21.8*	12.547	N	143.830	E	24	D	4.6	4.1	0.9	22	SOUTH OF MARIANA ISLANDS
	14	02	26	33.2%	44.397	N	10.279	E	10	G			1.0	5	NORTHERN ITALY
	14	02	26	42.2	44.334	N	7.306	E	5	G			0.5	25	NORTHERN ITALY. ML 2.3 (GEN), 2.3 (LDG).
	14	03	01	54.6*	12.551	N	143.722	E	33	N	4.7		1.2	14	SOUTH OF MARIANA ISLANDS
	14	03	43	27.8?	26.16	S	177.44	W	33	N	4.6		0.8	10	SOUTH OF FIJI ISLANDS
	14	03	44	33.6*	26.903	S	177.466	W	33	N	5.1	4.6	1.2	22	SOUTH OF FIJI ISLANDS
	14	03	44	46.5%	44.356	N	10.251	E	10	G			0.6	6	NORTHERN ITALY
	14	04	16	36.6?	26.88	S	177.51	W	101	?	4.3		1.1	12	SOUTH OF FIJI ISLANDS
	14	04	23	41.5%	42.812	N	18.059	E	5	G			0.5	9	NORTHWESTERN BALKAN REGION. ML 1.8 (TTG).
	14	04	27	08.1?	44.18	N	10.71	E	10	G			0.2	4	NORTHERN ITALY
	14	04	30	44.8	23.685	N	121.847	E	12		4.2		1.3	18	TAIWAN. ML 3.7 (BJI).
	14	04	46	11.4?	8.77	S	124.10	E	164	?	4.8		0.9	15	TIMOR REGION, INDONESIA
	14	04	52	31.8?	26.24	S	178.56	W	33	N	4.2		0.1	5	SOUTH OF FIJI ISLANDS
	14	04	59	37.5%	33.774	S	70.624	W	90	G			0.2	7	CHILE-ARGENTINA BORDER REGION. MD 3.2 (SAN).

	14	05 04 50.6&	61.084	N	152.141	W	105		3.3			82	SOUTHERN ALASKA <AEIC>.
	14	05 13 09 ?	44.498	N	10.351	E	10	G			1.0	45	NORTHERN ITALY MD 3.1 (TRI). ML 2.9 (LDG).
	14	05 17 01.4?	8.15	S	73.82	W	211	?	4.3		1.1	18	PERU-BRAZIL BORDER REGION
	14	05 36 33 €	44 460	N	10.349	E	10	G			0.9	27	NORTHERN ITALY ML 2.6 (LDG).
	14	05 38 08.2	44.467	N	10.363	E	10	G	4.1		1.1	92	NORTHERN ITALY MD 4.0 (TRI), 3.6 (FIR), 3.3 (ROM). ML 3.9 (VIE), 3.6 (LDG), 3.3 (FUR).
	14	05 48 55.0?	36.31	S	178.15	E	198	•	4.2		1.1	29	OFF E. COAST OF N. ISLAND, N.Z.
	14	06 03 01.2	49.165	N	6.881	E	10	G			0.6	10	GERMANY. ML 2.4 (STR)
	14	06 05 07.7	44.483	N	10.383	E	10	G	4.0		1.0	84	NORTHERN ITALY. ML 3.6 (LDG). MD 3.5 (TRI), 3.4 (FIR).
	14	06 15 34.6	38.769	N	27.604	E	10	G			1.2	8	TURKEY
	14	06 20 57.2%	44.550	N	10.481	E	10	G			0.4	5	NORTHERN ITALY
	14	07 28 18.5	21.841	S	179.406	W	597		5.0		0.9	66	FIJI ISLANDS REGION
	14	07 39 43.0	44.477	N	10.322	E	10	G			0.9	23	NORTHERN ITALY. ML 2.7 (LDG). MD 2.5 (FIR).
a	14	08 45 00.3	6.174	S	147.531	E	53	D	5.1		1.0	85	EASTERN NEW GUINEA REG., P.N.G.
	14	10 16 04.0	39.552	N	29.633	E	10	G			1.1	18	TURKEY. MG 3.2 (DDA).
	14	10 41 52.9	4.820	N	94.265	E	35	D	5.0		0.7	75	OFF W COAST OF NORTHERN SUMATERA
	14	11 00 34.6•	38.967	N	31.488	E	10	G			0.5	9	TURKEY. MG 2.9 (DDA).
	14	11 05 33.8	44.368	N	10.249	E	10	G			0.9	18	NORTHERN ITALY. ML 2.5 (LDG).
	14	11 12 37.5?	26.99	N	92.74	E	33	N	3.6		0.4	7	NORTHEASTERN INDIA
	14	11 43 28.0?	44.34	N	7.29	E	10	G			0.1	4	NORTHERN ITALY. ML 1.3 (GEN).
	14	11 47 32.2&	38.825	N	122.841	W	0					6	NORTHERN CALIFORNIA. <GM-P>. MD 3.1 (GM).
	14	12 01 10.6&	61.108	N	152.302	W	126					25	SOUTHERN ALASKA. <AEIC>.
a	14	12 50 38.9	32.947	N	141.551	E	45	D	5.2	4.9	1.1	209	SOUTH OF HONSHU, JAPAN
	14	13 02 19.4?	44.37	N	7.33	E	10	G			0.0	4	NORTHERN ITALY. ML 1.3 (GEN).
	14	13 14 02.2?	36.98	N	29.42	E	10	G			0.1	4	TURKEY
	14	13 43 49.0?	21.39	S	169.54	E	33	N	4.4		1.3	14	LOYALTY ISLANDS REGION
	14	14 19 04.8•	22.574	N	93.503	E	68	•	4.1		0.7	13	MYANMAR-INDIA BORDER REGION
	14	14 20 59.0?	31.39	N	141.84	E	33	N	4.1		1.2	10	SOUTH OF HONSHU, JAPAN
	14	14 25 05.2•	33.729	S	70.574	W	90	G			0.2	11	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
	14	14 32 30.4	39.356	N	20.617	E	10	G			1.1	9	GREECE-ALBANIA BORDER REGION. MD 3.1 (ATH). ML 3.0 (TIR).
	14	15 12 14.8•	36.416	N	70.870	E	181	?	4.1		0.6	11	HINDU KUSH REGION, AFGHANISTAN
	14	15 28 56.7%	21.408	S	129.143	E	10	G			1.0	6	NORTHERN TERRITORY, AUSTRALIA
	14	15 50 47.1&	34.024	N	116.353	W	2					8	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 2.9 (GS).
	14	15 57 04.7•	39.178	N	22.160	E	10	G			1.5	11	GREECE. MD 3.3 (ATH). ML 3.2 (TIR).
	14	16 06 37.5%	40.550	N	29.576	E	10	G			0.4	5	TURKEY
	14	16 28 03.5•	45.947	N	148.917	E	156	•	3.9		0.7	14	KURIL ISLANDS
	14	16 48 58.1?	6.23	S	130.82	E	115	?	4.6		1.4	8	BANDA SEA
	14	16 50 31.1%	39.522	N	29.644	E	10	G			0.5	7	TURKEY
a	14	17 06 59.7	26.538	S	177.743	W	47	•	5.3	5.5	1.1	76	SOUTH OF FIJI ISLANDS
	14	17 07 06.2•	32.896	S	68.362	W	10	G			0.5	9	MENDOZA PROVINCE, ARGENTINA. MD 3.6 (SAN).
	14	17 19 51.4	13.997	N	120.457	E	112		4.9		1.0	101	MINDORO, PHILIPPINE ISLANDS
	14	17 20 08.8%	40.629	N	29.079	E	10	G			0.3	5	TURKEY
	14	18 07 50.5&	35.057	N	119.026	W	14					6	CENTRAL CALIFORNIA. <PAS-P>. ML 2.7 (PAS).
	14	18 47 57.1	44.441	N	10.322	E	10	G			1.3	17	NORTHERN ITALY. ML 2.5 (LDG).
	14	18 58 40.8?	28.28	N	52.32	E	33	N	4.0		1.0	9	SOUTHERN IRAN
	14	19 30 00.3•	6.386	S	147.686	E	66	•	4.3		1.2	6	EASTERN NEW GUINEA REG., P.N.G.
	14	20 07 35.2?	32.20	S	71.56	W	10	G			0.5	8	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
	14	21 20 41.5&	60.773	N	150.767	W	48					45	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.9 (AEIC).
	14	21 28 24.2•	6.390	N	72.290	W	33	N			1.3	6	NORTHERN COLOMBIA
	14	22 24 14.7&	60.731	N	151.005	W	47					56	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.4 (AEIC).
	14	22 56 27.0•	6.527	S	147.022	E	33	N	4.6		1.2	15	EASTERN NEW GUINEA REG., P.N.G. ML 4.5 (PMG).
	14	23 34 25.5•	22.784	S	12.784	W	10	G	4.5		0.5	21	SOUTHERN MID-ATLANTIC RIDGE
	14	23 40 31.9&	57.637	N	157.643	W	86					16	ALASKA PENINSULA. <AEIC>.
	15	00 02 09.9•	7.024	N	72.734	W	187	•	4.3		1.1	19	NORTHERN COLOMBIA
	15	00 33 41.4&	34.026	N	116.355	W	2					5	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	15	01 31 11.2•	36.337	N	36.076	E	10	G			1.0	7	JORDAN - SYRIA REGION. ML 3.3 (CSS).
	15	01 38 40.4•	40.067	S	178.947	E	33	N			0.9	29	OFF E. COAST OF N. ISLAND, N.Z. ML 4.0 (WEL).
a	15	01 46 35.3	34.149	N	139.066	E	27	D	5.0	4.7	1.0	121	NEAR S. COAST OF HONSHU, JAPAN. Minor damage (V JMA) and landslides on Kozu-shima.
	15	02 21 14.9•	20.061	S	168.531	E	33	N	4.9	4.7	1.4	24	LOYALTY ISLANDS
	15	02 35 25.4&	34.031	N	116.349	W	2					4	SOUTHERN CALIFORNIA. <PAS-P>. MD 2.5 (PAS).
a	15	02 48 56.2	24.027	N	95.932	E	17	D	5.8	6.3	1.1	377	MYANMAR. Mo=6.3•10••18 Nm (PPT). Complex event observed on broadband displacement seismograms.
	15	03 57 38.7•	22.996	N	94.869	E	71	•	4.2		0.6	10	MYANMAR
	15	04 00 17.7%	42.855	N	12.492	E	10	G			1.1	8	CENTRAL ITALY
	15	04 07 23.8?	42.82	N	13.07	E	10	G			0.9	4	CENTRAL ITALY
	15	04 14 17.9	33.097	N	141.193	E	33	N	4.4		1.2	30	OFF EAST COAST OF HONSHU, JAPAN
	15	04 17 02.7?	39.11	N	26.45	E	10	G			0.2	4	TURKEY
	15	04 19 16.4	46.392	N	15.184	E	5	G			0.7	6	NORTHWESTERN BALKAN REGION. MD 2.6 (LJU), 2.3 (TRI). ML 2.4 (VIE). Felt (IV) at Radlje ob Dravi, Slovenia.
	15	04 21 01.6	39.139	N	29.378	E	10	G			0.5	23	TURKEY. MG 3.9 (DDA). Felt in the Kutahya area.
	15	05 07 17.2•	26.413	S	177.397	W	33	N	4.8		1.0	17	SOUTH OF FIJI ISLANDS
	15	05 56 08.3	15.984	N	60.876	W	44	•	4.0		0.6	26	LEEWARD ISLANDS. MD 3.7 (TRN).
	15	06 00 42.8•	18.143	N	64.179	W	157	•	3.6		0.4	15	VIRGIN ISLANDS. MD 3.6 (TRN).
	15	06 05 10.7	47.284	N	11.193	E	5	G			1.1	25	AUSTRIA. ML 2.9 (LDG), 2.7 (FUR), 2.6 (VIE). Felt (IV) at Inzing and Tyrol.
	15	07 59 04.1•	7.362	N	127.089	E	33	N	4.9	4.6	1.6	41	PHILIPPINE ISLANDS REGION. Felt (II RF) at Bislig.
	15	08 14 47.9%	39.678	N	29.390	E	10	G			1.2	6	TURKEY
	15	08 44 41.1?	41.96	N	20.20	E	10	G			0.7	9	ALBANIA. ML 1.9 (TTG).
	15	09 12 11.6%	39.223	N	27.743	E	10	G			0.3	6	TURKEY
	15	10 03 34.5%	39.094	N	27.653	E	10	G			0.4	5	TURKEY
	15	10 14 54.0%	39.213	N	29.338	E	10	G			0.8	7	TURKEY
	15	10 22 56.3%	39.246	N	29.478	E	10	G			0.2	5	TURKEY
	15	10 45 39.8	44.414	N	10.299	E	10	G			1.3	14	NORTHERN ITALY. ML 2.7 (LDG).
	15	10 46 12.5&	59.153	N	152.582	W	76		3.6			85	SOUTHERN ALASKA. <AEIC>.
	15	11 17 40.9•	47.298	N	154.043	E	33	N	4.6		1.1	16	KURIL ISLANDS
a	15	12 09 19.4	50.510	N	149.630	E	518	D	5.0		0.7	268	SEA OF OKHOTSK
	15	14 04 06.7%	42.918	N	11.496	E	10	G			0.6	6	CENTRAL ITALY
a	15	14 16 50.0•	60.774	S	154.040	E	33	N	5.2	5.1	1.3	38	WEST OF MACQUARIE ISLAND
	15	15 03 50.8?	42.85	N	13.55	E	10	G			0.8	7	CENTRAL ITALY
	15	15 14 27.9	39.110	N	27.629	E	10	G			0.4	5	TURKEY
	15	16 16 08.6•	31.176	S	179.975	E	378	•	4.2		1.4	32	KERMADEC ISLANDS REGION

	15	16	34	47.9&	59.534	N	153.764	W	119				43	SOUTHERN ALASKA <AEIC>
	15	17	01	46.4?	44.36	N	7.34	E	5	G		0.1	4	NORTHERN ITALY ML 1.4 (GEN)
	15	18	00	46.6*	17.560	N	121.685	E	33	N	4.9	1.5	11	LUZON, PHILIPPINE ISLANDS
	15	18	25	34.9?	15.82	N	60.76	W	33	N		0.4	5	LEEWARD ISLANDS. ML 2.5 (FDF)
	15	18	29	27.7%	40.770	N	27.441	E	10	G		0.8	9	TURKEY
	15	19	07	19.5%	39.847	N	16.199	E	10	G		1.3	5	SOUTHERN ITALY
	15	19	46	42.5	31.454	N	142.019	E	33	N	4.9 4.3	1.0	53	SOUTH OF HONSHU, JAPAN
	15	19	49	38.9*	6.847	N	72.986	W	170	*	3.9	1.2	9	NORTHERN COLOMBIA
	15	20	16	06.2*	36.951	N	21.053	E	33	N		0.9	16	SOUTHERN GREECE
	15	20	30	38.2	40.234	N	27.586	E	10	G		1.3	14	TURKEY
	15	20	33	32.9?	40.54	N	27.75	E	10	G		0.2	4	TURKEY
o	15	20	39	11.3	0.073	S	123.030	E	128	G	5.9	1.1	411	MINAHASSA PENINSULA, SULAWESI. Depth from broadband displacement seismograms.
	15	22	55	49.7&	36.053	N	120.206	W	14				10	CENTRAL CALIFORNIA. <GM-P>. MD 3.3 (GM). ML 3.2 (PAS).
	15	23	21	15.4%	44.341	N	7.277	E	5	G		0.4	7	NORTHERN ITALY. ML 1.6 (GEN)
	15	23	44	31.9	40.839	N	21.053	E	10	G		1.2	8	GREECE. ML 3.0 (SKO), 2.6 (TIR).
	16	00	35	00.9	58.301	N	133.441	W	5	G		0.4	12	SOUTHEASTERN ALASKA. ML 3.6 (PGC), 3.5 (AEIC).
	16	00	42	52.3	40.236	N	33.942	E	10	G		1.1	7	TURKEY
	16	01	17	55.7	10.725	S	74.885	W	33	N	5.2	1.0	101	CENTRAL PERU
	16	01	25	27.3%	46.910	N	1.476	E	10	G		0.8	10	FRANCE. ML 2.0 (LDG).
	16	02	01	51.3	46.063	N	13.510	E	10	G		1.2	6	AUSTRIA. MD 2.6 (LJU), 1.9 (TRI).
	16	02	50	37.8	1.525	N	41.566	W	33	N	4.7	1.2	40	NORTH ATLANTIC OCEAN
	16	03	39	39.3	34.965	N	23.097	E	33	N	4.1	1.3	40	CRETE. MD 4.3 (HLW).
	16	03	41	45.1?	17.77	N	63.26	W	10	G		0.3	6	LEEWARD ISLANDS. MD 3.1 (TRN).
	16	03	44	37.0	59.694	N	5.983	E	10	G		0.7	10	SOUTHERN NORWAY. MD 2.3 (BER). ML 2.0 (NAO).
	16	03	45	08.0&	40.474	N	124.635	W	23				23	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 3.6 (GM). ML 3.1 (GS).
	16	03	56	27.0?	7.00	N	73.03	W	160	*	3.9	1.5	7	NORTHERN COLOMBIA
	16	04	10	28.1%	40.604	N	15.888	E	10	G		1.5	8	SOUTHERN ITALY
	16	05	40	36.8?	17.73	N	63.17	W	10	G		0.2	7	LEEWARD ISLANDS. MD 3.1 (TRN).
f	16	05	51	03.7	45.704	N	142.263	E	317	G	5.7	0.9	516	HOKKAIDO, JAPAN REGION. Felt on Hokkaido and Honshu. Depth from broadband displacement seismograms.
	16	06	12	29.6&	61.404	N	149.898	W	31				61	SOUTHERN ALASKA. <AEIC>. ML 3.1 (AEIC). Felt (IV) at Palmer.
	16	06	24	57.7*	5.820	S	147.048	E	86	*	4.4	1.2	6	EASTERN NEW GUINEA REG., P.N.G.
	16	07	04	05.8?	43.50	N	11.05	E	10	G		0.5	5	CENTRAL ITALY
	16	08	40	37.5%	39.095	N	27.637	E	10	G		0.3	6	TURKEY
	16	09	21	47.6&	60.405	N	143.058	W	5				38	SOUTHERN ALASKA. <AEIC>. ML 2.8 (AEIC).
	16	10	13	43.8%	39.084	N	16.708	E	10	G		1.0	10	SOUTHERN ITALY
	16	10	14	37.8*	3.630	S	139.884	E	33	N	4.5	1.4	9	IRIAN JAYA, INDONESIA
	16	11	04	28.9%	41.348	N	14.020	E	10	G		0.7	11	SOUTHERN ITALY
	16	11	10	55.1	41.043	N	20.239	E	10	G		1.2	21	ALBANIA. MD 3.1 (ATH). ML 2.8 (TTG), 2.6 (TIR).
	16	11	45	41.1*	7.171	S	144.779	E	33	N	3.9	1.4	8	NEAR S COAST OF NEW GUINEA, PNG.
	16	12	31	16.8	44.840	N	116.990	W	5	G		0.8	50	WESTERN IDAHO. ML 3.3 (GS). Felt (IV) at Halfway, Oregon and (III) at Richland, Oregon. Also felt at Brownlee and Oxbow, Oregon.
	16	12	42	20.8%	43.130	N	0.558	W	10	G		0.4	7	PYRENEES. ML 1.0 (STR).
	16	12	56	21.1	22.639	S	68.044	W	142	D	5.0	1.0	33	NORTHERN CHILE
	16	13	12	39.3?	57.80	N	6.23	E	10	G		0.6	7	NORTH SEA. MD 2.5 (BER).
	16	14	40	14.4?	37.85	N	68.95	E	33	N	4.6	1.3	9	AFGHANISTAN-TAJIKISTAN BORD REG.
	16	15	37	48.0	66.953	N	20.982	E	10	G		0.8	6	SWEDEN. MD 2.9 (BER).
	16	16	30	44.2%	40.755	N	15.778	E	10	G		1.2	8	SOUTHERN ITALY
	16	18	59	20.2	36.702	N	71.753	E	124	D	4.7	1.1	78	AFGHANISTAN-TAJIKISTAN BORD REG.
	16	21	40	16.4	40.171	N	19.619	E	10	G		1.0	13	ALBANIA. ML 2.9 (TIR).
	16	21	40	36.0*	23.425	S	179.728	E	603	?	4.7	0.9	34	SOUTH OF FIJI ISLANDS
	16	21	43	25.4	35.871	N	21.796	E	12		4.6	1.2	59	CENTRAL MEDITERRANEAN SEA. MD 4.2 (ATH).
	16	22	28	52.2?	41.68	N	15.78	E	10	G		1.1	4	SOUTHERN ITALY
	16	23	13	00.0*	35.902	N	21.578	E	10	G		1.1	23	CENTRAL MEDITERRANEAN SEA. MD 3.8 (ATH).
	16	23	24	37.2	39.233	N	26.131	E	10	G		0.5	13	TURKEY
	16	23	27	13.1?	39.24	N	25.67	E	10	G		0.7	7	AEGEAN SEA
	16	23	48	53.5	39.545	N	19.964	E	10	G	3.3	1.2	45	GREECE-ALBANIA BORDER REGION. ML 3.8 (ROM), 3.7 (TTG), 3.5 (TIR). MD 3.8 (ATH).
o	17	00	07	03.4	45.356	N	151.301	E	49	D	5.3 4.9	0.9	270	KURIL ISLANDS
	17	00	46	58.8%	42.783	N	12.477	E	10	G		1.1	10	CENTRAL ITALY
	17	00	47	09.7	45.213	N	7.512	E	10	G		0.8	63	NORTHERN ITALY. ML 3.3 (LDG), 3.3 (GEN), 3.0 (STR).
	17	01	45	44.0	42.781	N	0.778	E	10	G		1.1	18	PYRENEES. ML 3.0 (LDG).
	17	01	58	33.7*	37.160	N	20.747	E	10	G		1.2	6	IONIAN SEA. MD 3.7 (ATH).
	17	03	22	01.9*	31.643	N	142.847	E	33	N	4.5	0.8	6	SOUTH OF HONSHU,. JAPAN
	17	04	13	19.6	6.640	S	147.054	E	21		4.9	1.3	22	EASTERN NEW GUINEA REG., P.N.G.
	17	04	23	53.7&	61.473	N	150.046	W	37				40	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	17	05	41	47.7	41.489	N	15.725	E	10	G		1.0	33	SOUTHERN ITALY. MD 3.3 (ROM).
	17	07	21	31.8*	24.261	N	94.784	E	33	N		0.5	7	MYANMAR-INDIA BORDER REGION
	17	07	46	46.0&	34.694	N	121.610	W	6	G			3	OFF COAST OF CALIFORNIA. <PAS-P>. ML 2.7 (PAS).
	17	07	49	24.1&	34.697	N	121.646	W	6	G			6	OFF COAST OF CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
o	17	08	39	15.4	60.373	S	57.074	W	10	G	5.8 5.9	1.4	121	SOUTH SHETLAND ISLANDS. Mo=6.3*10**18 Nm (PPT).
	17	08	57	54.8	37.299	N	20.638	E	13		3.5	1.2	26	IONIAN SEA. MD 4.0 (ATH). ML 3.7 (TIR).
	17	09	12	08.6%	39.074	N	27.643	E	10	G		0.5	5	TURKEY
	17	09	25	37.6	43.044	N	0.425	W	10	G		0.6	7	PYRENEES. ML 2.5 (LDG). Felt (II) in the Ossau Valley, France.
	17	09	37	58.9*	13.104	N	87.800	W	33	N	4.4	1.3	25	HONDURAS. Felt in Choluteca and Tegucigalpa Departments. Felt (III) in La Union Department, El Salvador. Also felt along the coast of Nicaragua.
	17	10	17	07.0?	34.84	S	70.95	W	100	G		0.2	10	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
	17	10	21	50.1&	34.355	N	119.713	W	11				18	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS), 2.6 (GS).
	17	11	08	56.3*	41.238	N	31.569	E	10	G		1.0	10	TURKEY. MG 2.9 (DDA).
	17	11	42	54.4?	37.87	N	1.71	W	10	G		1.0	4	SPAIN
	17	11	47	13.8*	7.923	S	128.852	E	109	?	4.9	1.4	31	BANDA SEA
	17	12	47	35.4*	63.178	N	155.765	W	10	G		1.5	5	CENTRAL ALASKA. ML 3.3 (PMR).
	17	14	22	17.4%	33.605	S	71.819	W	10	G		0.5	8	NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).
	17	16	19	45.2	38.415	S	177.245	E	91	*		1.2	22	NORTH ISLAND, NEW ZEALAND
	17	17	21	29.2*	17.211	N	93.682	E	33	N	4.4	0.7	8	BAY OF BENGAL
	17	17	26	13.0%	42.960	N	11.470	E	10	G		0.5	7	CENTRAL ITALY
	17	18	35	15.3?	43.45	N	12.63	E	10	G		0.2	4	CENTRAL ITALY

	17	18	49	15	4?	46.75	N	12.37	E	10	G		0.1	6 NORTHERN ITALY. ML 2.1 (VIE).
	17	18	51	33	.8%	42.957	N	11.449	E	10	G		1.2	8 CENTRAL ITALY
	17	19	18	29	.4?	23.26	S	179.61	W	647 ?		5.0	1.2	30 SOUTH OF FIJI ISLANDS
	17	19	19	12	.4•	41.109	N	21.023	E	10	G		0.3	5 NORTHWESTERN BALKAN REGION. MD 2.4 (THE). ML 1.7 (SKO)
	17	19	27	11	.9%	43.086	N	11.392	E	10	G		0.3	6 CENTRAL ITALY
	17	20	02	16	.2%	39.702	N	15.231	E	10	G		0.4	6 SOUTHERN ITALY
	17	20	47	29	.3	36.292	N	1.503	E	10	G	3.6	0.9	36 NORTHERN ALGERIA. mbLg 3.4 (MDD). MD 3.2 (ATH).
	17	21	19	37	.4%	43.103	N	11.521	E	10	G		0.6	8 CENTRAL ITALY
	17	22	20	28	.3	43.652	N	18.967	E	10	G		1.1	13 NORTHWESTERN BALKAN REGION. MD 2.4 (TTG).
	17	22	37	05	.8%	42.704	N	4.396	E	10	G		1.0	6 WESTERN MEDITERRANEAN SEA. ML 2.5 (LDG).
	17	22	40	55	.2	31.217	N	141.613	E	33	N	4.6 4.2	0.8	29 SOUTH OF HONSHU, JAPAN
	17	23	19	33	.2	49.139	N	6.853	E	10	G		0.9	8 GERMANY. ML 2.6 (STR). MD 2.4 (UCC).
	17	23	21	15	.8	31.191	N	141.667	E	33	N	4.6	1.0	26 SOUTH OF HONSHU, JAPAN
	17	23	34	10	.9	42.497	N	20.202	E	10	G		0.6	10 NORTHWESTERN BALKAN REGION. ML 1.8 (TTG).
	17	23	45	11	.5?	32.82	S	179.17	E	433 ?		4.4	1.3	28 SOUTH OF KERMADEC ISLANDS
	18	00	02	25	.3%	37.803	N	15.426	E	10	G		0.4	5 SICILY
	18	00	13	08	.7%	39.193	N	29.479	E	10	G		1.1	7 TURKEY
	18	00	54	34	.3	36.989	N	5.802	W	10	G		1.0	8 STRAIT OF GIBRALTAR. mbLg 2.7 (MDD).
	18	01	15	30	.9?	23.41	S	179.19	W	500	G	4.7	1.0	15 SOUTH OF FIJI ISLANDS
	18	01	22	08	.8%	36.877	N	5.259	W	10	G		1.6	7 STRAIT OF GIBRALTAR. mbLg 2.2 (MDD).
	18	02	39	08	.8	45.215	N	7.439	E	10	G		0.9	18 NORTHERN ITALY. ML 2.4 (GEN), 2.2 (LDG).
	18	02	46	30	.8%	39.017	N	29.370	E	10	G		0.7	8 TURKEY
	18	02	54	59	.3	44.390	N	7.327	E	13			0.3	10 NORTHERN ITALY. ML 1.9 (LDG), 1.8 (GEN).
	18	03	10	02	.1%	44.381	N	7.325	E	10	G		0.4	6 NORTHERN ITALY. ML 1.5 (GEN).
	18	03	30	28	.6%	40.675	N	15.654	E	10	G		0.8	14 SOUTHERN ITALY
	18	03	47	36	.0	39.609	S	173.988	E	253			0.4	32 OFF W. COAST OF N. ISLAND, N.Z.
	18	04	09	14	.7•	41.050	N	72.436	E	33	N	4.2	0.8	12 KYRGYZSTAN
	18	04	44	01	.5•	19.476	N	121.742	E	33	N	4.2	1.2	12 PHILIPPINE ISLANDS REGION
	18	05	01	32	.0	37.060	N	5.777	W	10	G		1.1	17 SPAIN. mbLg 3.3 (MDD). Felt at Ubrique.
	18	05	33	48	.1	4.113	S	135.755	E	33	N	5.0 4.5	0.7	17 IRIAN JAYA REGION, INDONESIA
	18	06	36	34	.6•	60.391	N	5.014	E	10	G		0.2	7 SOUTHERN NORWAY. ML 1.5 (NAO). MD 1.3 (BER).
	18	06	57	15	.3•	7.144	S	125.091	E	508 ?		4.9	0.9	9 BANDA SEA
	18	07	29	17	.8?	39.52	N	27.93	E	10	G		1.3	4 TURKEY
	18	08	06	13	.0&	34.052	N	116.329	W	0				8 SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	18	08	53	17	.2	44.378	N	11.471	E	10	G		1.4	26 NORTHERN ITALY. MD 2.9 (TRI), 2.7 (FIR). ML 2.9 (LDG).
	18	09	35	51	.3	44.355	N	11.559	E	10	G		0.9	14 NORTHERN ITALY. MD 3.0 (FIR), 2.7 (TRI).
	18	09	51	05	.2&	36.651	N	121.261	W	4				9 CENTRAL CALIFORNIA. <GM-P>. MD 3.1 (GM).
	18	09	58	39	.6•	31.203	N	141.634	E	33	N	4.6	1.3	9 SOUTH OF HONSHU, JAPAN
	18	10	06	17	.8%	10.949	N	62.039	W	90	G		0.1	7 NEAR COAST OF VENEZUELA. MD 3.3 (TRN).
	18	10	32	28	.3?	47.1B	S	165.56	E	33	N	4.2	1.4	12 OFF W. COAST OF S. ISLAND, N.Z. ML 4.1 (WEL).
	18	10	53	24	.8&	33.317	N	116.306	W	10				9 SOUTHERN CALIFORNIA. <PAS-P>. MD 2.5 (PAS).
	18	10	55	42	.4	39.711	N	20.448	E	10	G		1.1	17 GREECE-ALBANIA BORDER REGION. MD 3.3 (ATH). ML 3.2 (TIR).
	18	10	59	51	.6?	29.36	N	139.14	E	451 ?		4.3	1.0	18 SOUTH OF HONSHU, JAPAN
	18	12	14	18	.0%	42.780	N	19.207	E	10	G		0.3	9 NORTHWESTERN BALKAN REGION. ML 1.5 (TTG).
	18	13	50	47	.3&	37.585	N	118.809	W	10				10 CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM). ML 2.7 (GS).
	18	15	08	19	.0?	5.67	S	141.83	E	33	N	3.8	1.5	5 NEW GUINEA, PAPUA NEW GUINEA
	18	16	01	14	.1&	34.010	N	116.341	W	2				5 SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS).
	18	17	12	50	.4%	40.716	N	30.289	E	10	G		0.4	5 TURKEY
	18	17	18	48	.5%	43.763	N	12.566	E	10	G		0.8	5 CENTRAL ITALY
	18	17	33	16	.5%	44.381	N	11.579	E	10	G		0.4	9 NORTHERN ITALY
	18	19	44	14	.0•	31.675	S	70.393	W	120	G		0.5	14 CHILE-ARGENTINA BORDER REGION. MD 4.0 (SAN).
	18	20	57	22	.5%	44.369	N	7.316	E	10	G		0.5	6 NORTHERN ITALY. ML 1.6 (GEN).
	18	21	21	02	.4%	43.859	N	10.896	E	10	G		0.6	6 CENTRAL ITALY
	18	21	41	47	.8	36.494	N	141.359	E	40	D	4.8 4.2	1.2	49 NEAR EAST COAST OF HONSHU, JAPAN
	18	21	49	04	.4•	16.120	S	178.180	E	33	N		1.2	9 FIJI ISLANDS. ML 4.1 (SVA).
	18	22	47	19	.9•	0.459	N	125.427	E	123	•	4.6	1.2	12 NORTHERN MOLUCCA SEA
	18	22	55	07	.5&	60.557	N	147.666	W	2				45 SOUTHERN ALASKA. <AEIC>. ML 2.8 (AEIC).
	18	22	56	47	.5?	39.07	N	29.18	E	10	G		1.0	5 TURKEY
	18	23	05	25	.3&	61.791	N	150.479	W	40				40 SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
	19	01	42	23	.8%	44.241	N	11.246	E	10	G		0.4	6 NORTHERN ITALY
	19	01	43	03	.5%	44.128	N	11.203	E	10	G		0.3	6 NORTHERN ITALY
	19	01	51	07	.9%	44.021	N	11.181	E	10	G		0.5	5 NORTHERN ITALY
	19	02	14	37	.6	39.870	N	23.953	E	33	N		1.3	15 AEGEAN SEA. MD 3.6 (ATH). ML 3.1 (TIR).
	19	02	33	34	.2%	47.165	N	11.838	E	10	G		0.3	5 AUSTRIA. ML 1.4 (VIE).
a	19	02	55	50	.9•	19.306	S	172.781	W	38	D	5.0 5.1	1.2	41 TONGA ISLANDS REGION
	19	03	18	10	.2%	44.250	N	11.249	E	10	G		0.4	6 NORTHERN ITALY
	19	03	31	02	.9?	6.32	S	147.44	E	58 ?		4.7	0.9	5 EASTERN NEW GUINEA REG., P.N.G.
	19	04	07	57	.3&	58.494	N	155.306	W	121		3.4		65 ALASKA PENINSULA. <AEIC>.
	19	04	53	46	.6	43.876	N	7.853	E	10	G		0.7	12 NEAR SOUTH COAST OF FRANCE. ML 2.3 (LDG), 2.2 (GEN).
	19	05	45	40	.3%	44.226	N	11.246	E	10	G		0.7	6 NORTHERN ITALY
	19	06	45	51	.6?	32.81	N	141.65	E	33	N	4.6	0.6	7 SOUTH OF HONSHU, JAPAN
	19	06	50	38	.7?	31.39	N	141.58	E	33	N	4.5	0.7	6 SOUTH OF HONSHU, JAPAN
	19	07	26	08	.2•	26.926	S	26.694	E	5	G		1.6	13 REPUBLIC OF SOUTH AFRICA. mbLg 3.6 (BUL).
	19	08	15	26	.2	8.917	S	118.927	E	118	D	5.2	1.4	46 SUMBAWA REGION, INDONESIA. Felt (I) at Waingapu.
	19	08	27	18	.5%	44.321	N	7.296	E	5	G		0.4	9 NORTHERN ITALY. ML 2.0 (GEN).
	19	08	31	45	.5?	16.23	N	61.41	W	33	N		0.0	4 LEEWARD ISLANDS. ML 2.5 (FDF).
	19	08	49	29	.5?	10.79	N	61.33	W	33	N		0.2	4 TRINIDAD. MD 2.6 (TRN).
a	19	09	03	29	.4	53.797	N	160.559	E	55		5.0	1.0	176 NEAR EAST COAST OF KAMCHATKA
	19	09	26	30	.6	40.632	S	174.948	E	24		4.1	1.1	29 COOK STRAIT, NEW ZEALAND. ML 4.1 (WEL). Felt (IV) in the Wanganui-Waikanae area.
	19	10	14	17	.1&	59.958	N	152.667	W	87				50 SOUTHERN ALASKA. <AEIC>.
	19	10	17	18	.5•	31.473	S	72.261	W	33	N		0.7	13 OFF COAST OF CENTRAL CHILE. MD 4.4 (SAN).
	19	10	31	28	.3%	39.458	N	16.389	E	10	G		0.1	7 SOUTHERN ITALY
	19	10	36	39	.7&	59.806	N	153.321	W	128				43 SOUTHERN ALASKA. <AEIC>.
	19	11	01	02	.4	38.395	N	21.958	E	10	G		1.4	11 GREECE. MD 3.2 (ATH).
	19	11	17	02	.8	20.998	N	108.800	W	10	G	4.6 4.6	1.0	55 REVILLA GIGEDO ISLANDS REGION
	19	11	34	19	.0%	40.707	N	29.948	E	10	G		0.4	7 TURKEY
	19	11	42	09	.3%	33.107	S	70.518	W	88 ?			0.3	9 CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).
	19	12	17	15	.0&	58.290	N	142.950	W	10	G			23 GULF OF ALASKA. <AEIC>. ML 2.6 (AEIC).
	19	12	25	00	.9&	33.187	N	115.593	W	4				4 SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS).
	19	12	37	20	.1•	0.345	N	120.320	E	61	•	4.6	0.8	11 MINAHASSA PENINSULA, SULAWESI

	19	12 48 34.4•	51.117	N	15.856	E	5	G			0.8	6	POLAND. MG 2.6 (WAR).
	19	12 51 28 9?	39.11	N	27.55	E	10	G			1.0	4	TURKEY
	19	13 18 33.1&	38.756	N	122 463	W	7					11	NORTHERN CALIFORNIA. <GM-P> MD 3.1 (GM). ML 3.1 (GS), 3.1 (BRK).
	19	13 47 35.1	6.825	N	72.976	W	166		4.9		0.9	42	NORTHERN COLOMBIA
	19	14 01 55.5?	34.67	N	75.16	E	33	N	4.2		1.5	5	EASTERN KASHMIR
	19	14 08 55.4	36.970	N	71.788	E	131	•	4.7		1.2	81	AFGHANISTAN-TAJIKISTAN BORD REG.
	19	14 57 59.9%	33.274	S	71.462	W	10	G			0.8	9	NEAR COAST OF CENTRAL CHILE. MD 3.3 (SAN).
	19	16 09 53.0	40.792	N	52.175	E	33	N	4.5		1.1	36	TURKMENISTAN
	19	16 45 00.0&	37.005	N	116.010	W	0					18	SOUTHERN NEVADA. <DOE>. ML 3.0 (GS). 37' 00' 19.51" N., 116' 00' 36.50" W., Surface Elev. 1206 m., Depth of Burial 244 m., Shot Time 164500.00, "VICTORIA," Nevada Test Site (Dept. of Energy).
	19	17 08 26.2•	0.784	N	87.300	W	18	D	4.7	4.1	1.2	46	GALAPAGOS ISLANDS REGION
	19	17 34 05.3?	44.90	N	3.25	E	10	G			0.5	6	FRANCE. ML 2.5 (STR).
	19	17 34 55.5&	50.487	N	129.942	W	10	G				45	VANCOUVER ISLAND REGION. <PGC-P>.
	19	18 05 36.3•	34.212	N	8.611	E	33	N	4.2		1.4	20	TUNISIA
	19	18 34 43.5&	58.708	N	153.592	W	75					35	KODIAK ISLAND REGION. <AEIC>.
	19	19 51 40.4%	46.477	N	6.904	E	10	G			0.7	9	SWITZERLAND. ML 2.5 (LDG).
	19	20 00 33.8•	32.081	S	71.797	W	33	N			0.5	11	NEAR COAST OF CENTRAL CHILE
	19	20 35 09.7	16.414	N	122.520	E	33	N	4.7	4.5	1.4	59	LUZON, PHILIPPINE ISLANDS
	19	20 40 38.1•	27.719	N	127.807	E	33	N	4.2		0.7	11	RYUKYU ISLANDS
	19	20 42 22.4&	34.000	N	116.317	W	6					12	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.2 (PAS). ML 3.4 (GS). Felt (III) at Morongo Valley.
	19	20 49 39.7	37.201	N	20.933	E	10	G			0.7	7	IONIAN SEA. MD 3.4 (ATH).
	19	22 12 45.3•	38.715	S	178.946	E	33	N	3.8		1.2	19	OFF E. COAST OF N. ISLAND, N.Z. ML 4.0 (WEL).
	19	23 02 35.4•	32.212	N	72.089	E	33	N	3.9		1.2	8	PAKISTAN
	19	23 22 07.0%	43.862	N	10.890	E	10	G			0.7	5	CENTRAL ITALY
	19	23 31 41.5?	46.88	N	154.64	E	33	N	4.4		1.1	14	EAST OF KURIL ISLANDS
	20	00 39 16.5	44.367	N	17.403	E	10	G			1.4	85	NORTHWESTERN BALKAN REGION. ML 3.9 (ZAG), 3.6 (TTG), 3.5 (VIE), 3.4 (TIR). MD 3.9 (TRI).
	20	01 11 37.6?	33.79	S	179.83	E	296	?			1.1	12	SOUTH OF KERMADEC ISLANDS
	20	01 12 13.8•	51.636	N	7.719	E	10	G			0.4	6	GERMANY
	20	02 01 21.1&	61.806	N	151.783	W	106					36	SOUTHERN ALASKA. <AEIC>.
	20	02 29 49.7?	52.44	N	169.41	W	33	N	4.5		1.1	17	FOX ISLANDS, ALEUTIAN ISLANDS
	20	02 32 08.9	43.563	N	0.578	W	10	G			1.1	44	PYRENEES. ML 4.1 (LDG). mbLg 3.5 (MDD). Felt (IV) in the Lacq oilfield area, France.
	20	02 38 48.2	43.559	N	0.621	W	10	G			0.5	14	PYRENEES. ML 2.9 (LDG).
	20	02 58 49.2	44.723	N	6.942	E	10	G			0.6	16	FRANCE. ML 2.2 (GEN), 2.1 (LDG).
	20	03 17 32.7%	39.512	N	0.801	W	10	G			0.3	5	SPAIN. mbLg 2.9 (MDD).
	20	04 07 16.0•	4.747	N	124.884	E	167	?	4.8		1.0	15	CELEBES SEA
	20	04 40 13.9•	68.201	N	161.777	W	10	G	3.7		0.7	7	NORTHERN ALASKA. ML 3.2 (PMR).
	20	05 21 38.7?	0.14	N	28.36	W	10	G	4.1		0.9	7	CENTRAL MID-ATLANTIC RIDGE
	20	05 36 25.4&	37.868	N	122.234	W	11					4	CENTRAL CALIFORNIA. <GM-P>. MD 2.8 (GM).
	20	05 39 57.6•	16.587	N	122.712	E	33	N	4.4		1.0	6	LUZON, PHILIPPINE ISLANDS
	20	06 29 31.4•	38.112	N	22.057	E	10	G			1.2	10	GREECE. MD 2.9 (ATH), 2.4 (THE).
	20	07 10 35.7•	4.198	S	102.045	E	33	N	5.3		1.0	14	SOUTHERN SUMATERA, INDONESIA
	20	08 26 40.4	5.596	N	72.766	W	22	D	4.7		1.3	22	COLOMBIA
	20	09 08 34.7	42.229	N	18.902	E	10	G			0.3	9	NORTHWESTERN BALKAN REGION. ML 2.2 (TTG).
	20	09 33 48.6%	39.634	N	29.442	E	10	G			0.7	6	TURKEY
	20	09 51 33.8%	39.062	N	16.634	E	10	G			1.4	11	SOUTHERN ITALY
	20	10 20 51.6&	34.067	N	116.321	W	1					8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.7 (GS).
	20	11 11 35.5	51.283	N	15.903	E	5	G			0.6	9	POLAND. ML 3.4 (VIE), 3.2 (GRF).
	20	12 35 54.6%	39.095	N	27.632	E	10	G			0.6	5	TURKEY
	20	13 14 56.3•	43.802	N	147.971	E	33	N	4.3		1.3	26	KURIL ISLANDS
	20	13 33 51.5?	39.12	N	27.51	E	10	G			0.8	4	TURKEY
o	20	13 41 17.7	19.166	S	66.709	W	249		5.1		1.0	190	SOUTHERN BOLIVIA
	20	15 27 58.0	24.742	S	179.799	E	524	?	4.8		1.2	41	SOUTH OF FIJI ISLANDS
	20	16 54 34.2•	32.426	N	26.515	E	33	N	4.0		1.4	17	EASTERN MEDITERRANEAN SEA
	20	17 02 16.0•	33.771	S	178.898	W	33	N	4.6		1.7	17	SOUTH OF KERMADEC ISLANDS
	20	17 11 11.7?	46.16	N	2.75	E	10	G			0.4	4	FRANCE. ML 1.2 (LDG).
	20	17 51 57.5•	33.221	S	71.774	W	10	G			0.8	14	NEAR COAST OF CENTRAL CHILE. MD 4.2 (SAN).
	20	18 07 26.1	55.006	N	161.905	E	33	N	4.6		0.9	30	NEAR EAST COAST OF KAMCHATKA
	20	18 19 20.9•	33.199	S	71.833	W	10				0.6	13	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	20	18 23 22.4	43.387	N	150.147	E	23	D	4.8	4.2	1.2	67	EAST OF KURIL ISLANDS
	20	18 48 17.9%	39.887	N	28.265	E	10	G			0.5	12	TURKEY
	20	19 03 23.4%	35.804	N	137.859	E	10	G			0.7	9	EASTERN HONSHU, JAPAN
	20	19 20 02.6	35.819	N	22.393	E	48		4.4	4.6	1.1	66	CENTRAL MEDITERRANEAN SEA. MD 4.2 (ATH).
	20	19 34 50.3	43.467	N	150.400	E	30	D	4.8		1.3	65	EAST OF KURIL ISLANDS
	20	19 48 35.5&	40.460	N	124.195	W	22					2	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 2.9 (GM).
	20	20 17 04.7•	67.609	N	162.752	W	10	G			1.0	6	NORTHERN ALASKA. ML 3.1 (PMR).
	20	21 18 34.8?	33.77	N	68.77	E	33	N	4.2		1.2	8	AFGHANISTAN
	20	21 37 03.1&	33.979	N	116.268	W	5					4	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS).
	20	21 37 11.1•	67.644	N	15.083	E	10	G			0.9	5	NORTHERN NORWAY. MD 2.9 (BER).
	20	23 01 27.5•	67.635	N	15.045	E	10	G			1.0	5	NORTHERN NORWAY. MD 3.3 (BER). ML 2.7 (NAO).
	21	00 47 53.2&	33.952	N	116.309	W	4					5	SOUTHERN CALIFORNIA. <PAS-P>. MD 2.5 (PAS).
	21	01 10 00.5?	15.67	S	69.24	W	200	G	4.2		0.8	5	PERU-BOLIVIA BORDER REGION
	21	01 29 19.3	1.586	N	126.850	E	95	•	5.0		1.0	29	NORTHERN MOLUCCA SEA
	21	01 54 26.9•	44.239	N	17.161	E	10	G			1.2	6	NORTHWESTERN BALKAN REGION. MD 3.1 (TRI).
	21	02 25 42.1•	26.114	S	26.995	E	5	G			0.5	13	REPUBLIC OF SOUTH AFRICA. mbLg 3.6 (BUL).
	21	04 53 58.5	42.010	N	20.607	E	10	G			1.1	16	NORTHWESTERN BALKAN REGION. ML 2.6 (TTG), 2.2 (TIR).
	21	04 57 54.9?	45.04	N	3.07	E	10	G			1.0	6	FRANCE. ML 1.7 (LDG).
	21	05 46 02.8	6.336	S	146.574	E	51	•	4.2	3.6	1.4	12	EASTERN NEW GUINEA REG., P.N.G.
	21	06 08 47.4•	47.445	N	150.289	E	33	N	4.2		0.6	8	KURIL ISLANDS
	21	06 31 17.1%	37.876	S	176.246	E	239	•			0.4	25	NORTH ISLAND, NEW ZEALAND
	21	07 29 41.3	52.285	N	169.423	W	41	D	4.9	4.6	1.1	115	FOX ISLANDS, ALEUTIAN ISLANDS. ML 4.7 (PMR).
	21	08 07 46.5	30.428	N	89.394	E	28		4.2		1.0	15	XIJANG. ML 3.8 (BJI).
	21	08 17 55.2&	60.304	N	152.298	W	88					69	SOUTHERN ALASKA. <AEIC>.
	21	08 22 51.7%	39.099	N	27.642	E	10	G			0.1	5	TURKEY
	21	08 35 42.2•	39.545	N	19.322	E	10	G			1.0	8	GREECE-ALBANIA BORDER REGION. ML 2.6 (TIR).
	21	08 44 20.0	23.568	S	179.959	W	550	•	4.9		1.1	91	SOUTH OF FIJI ISLANDS
	21	09 45 02.1&	60.319	N	152.286	W	82		3.3			73	SOUTHERN ALASKA. <AEIC>.
	21	09 53 42.0•	5.366	S	145.800	E	40	?	4.0		1.3	7	EASTERN NEW GUINEA REG., P.N.G.

	21	10	04	45.8?	43.97	N	11.75	E	10	G			0.4	4	CENTRAL ITALY
	21	10	34	25.5	42.785	N	142.437	E	46		4.4		1 0	23	HOKKAIDO, JAPAN REGION
	21	10	50	19.3%	10 867	N	61.719	W	33	N			0 7	5	TRINIDAD. MD 3.0 (TRN).
o	21	10	52	42.4	26 503	S	70.659	W	39	D	5.7	5.4	1.0	229	NEAR COAST OF NORTHERN CHILE. Mo=1 6•10••18 Nm (PPT). Slight damage (V) at Chanaral.
	21	10	56	52.9•	44.975	S	167.276	E	150	•			0.6	18	SOUTH ISLAND, NEW ZEALAND
	21	11	19	39.7	38.307	N	99.423	E	20	D	4.8	5.0	1.1	86	QINGHAI, CHINA. ML 5.0 (BJI).
	21	11	26	02 1&	40.545	N	124.379	W	4					4	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 2.9 (GM).
	21	12	19	55.7%	42.937	N	18.741	E	10	G			0.4	9	NORTHWESTERN BALKAN REGION ML 1.7 (TTG)
	21	13	29	56.1?	35.32	S	70.87	W	110	G			0.4	11	CHILE-ARGENTINA BORDER REGION. MD 4.1 (SAN).
o	21	13	35	46.0	28.384	N	43.743	W	22	D	5.0	4.7	0.8	155	NORTHERN MID-ATLANTIC RIDGE
	21	14	01	09.4•	51.119	N	15.840	E	5	G			0.3	5	POLAND. MG 2.8 (WAR).
	21	14	31	16.6•	10.867	S	164.286	E	33	N	4.6		1.3	8	SANTA CRUZ ISLANDS REGION
	21	15	07	27.5	28.358	N	43.742	W	10	G	4.7	4.0	1.0	44	NORTHERN MID-ATLANTIC RIDGE
	21	15	11	13.8•	3.485	S	149.041	E	33	N	4.1		0.3	5	BISMARCK SEA
	21	16	10	23.9%	39.258	N	27.825	E	10	G			0.6	5	TURKEY
f	21	17	43	08.8	37.689	S	176.861	E	10	G	6.1	6.1	1.2	301	NORTH ISLAND, NEW ZEALAND. ML 5.7 (WEL). Mo=2.5•10••18 Nm (PPT). Felt strongly at Whakatane, Kawerau, Tauranga and Rotorua.
	21	17	47	12.5	37.668	S	176.796	E	5	G	3.9		0.6	12	NORTH ISLAND, NEW ZEALAND. ML 4.3 (WEL).
	21	17	47	39.0	37.753	S	176.725	E	10	G	4.6		1.2	23	NORTH ISLAND, NEW ZEALAND. ML 5.1 (WEL).
	21	18	00	53.5	37.699	S	176.920	E	10	G	3.3		1.0	14	NORTH ISLAND, NEW ZEALAND. ML 4.0 (WEL).
	21	18	09	31.1	37.671	S	176.917	E	19		3.6		1.3	17	NORTH ISLAND, NEW ZEALAND. ML 4.2 (WEL).
	21	18	20	42.4	37.673	S	176.908	E	33	N			0.6	12	NORTH ISLAND, NEW ZEALAND. ML 3.9 (WEL).
	21	18	36	32.2%	46.575	N	5.632	E	10	G			0.3	7	FRANCE. ML 2.0 (LDG).
	21	18	42	29.5%	37.604	S	176.812	E	33	N			0.5	5	NORTH ISLAND, NEW ZEALAND. ML 3.9 (WEL).
	21	18	47	05.1	37.669	S	176.893	E	21		3.5		0.9	16	NORTH ISLAND, NEW ZEALAND. ML 4.0 (WEL).
	21	18	59	05.1	39.137	N	19.807	E	36		5.0		1.2	193	GREECE-ALBANIA BORDER REGION. MD 4.7 (ATH), 4.7 (THE), 4.7 (TTG), 4.5 (TIR).
	21	19	01	10.4&	34.259	N	117.531	W	7					6	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.5 (PAS).
	21	19	06	30.4	37.619	S	176.927	E	33	N			0.5	12	NORTH ISLAND, NEW ZEALAND. ML 3.9 (WEL).
	21	19	13	11.7	37.675	S	176.932	E	23		3.4		1.2	16	NORTH ISLAND, NEW ZEALAND. ML 4.2 (WEL).
	21	19	23	03.9	24.027	S	66.809	W	167		4.8		1.1	35	SALTA PROVINCE, ARGENTINA
	21	19	24	20.7	37.576	S	176.932	E	17				0.6	15	NORTH ISLAND, NEW ZEALAND. ML 3.8 (WEL).
	21	19	31	30.8	37.653	S	176.813	E	10	G			0.4	8	NORTH ISLAND, NEW ZEALAND. ML 3.7 (WEL).
	21	19	37	45.7%	40.452	N	29.195	E	10	G			0.5	9	TURKEY
	21	20	35	12.4	37.678	S	176.817	E	10	G	3.5		0.9	16	NORTH ISLAND, NEW ZEALAND. ML 3.9 (WEL).
	21	20	36	14.1•	43.716	N	128.655	W	10	G	3.4		0.6	28	OFF COAST OF OREGON
	21	20	39	38.9%	37.606	S	176.895	E	10	G			1.5	14	NORTH ISLAND, NEW ZEALAND. ML 4.1 (WEL).
	21	20	40	28.2	37.648	S	177.051	E	33	N			1.0	8	OFF E. COAST OF N. ISLAND, N.Z. ML 3.8 (WEL).
	21	20	42	42.4	46.268	N	2.621	E	10	G			0.4	14	FRANCE. ML 2.7 (LDG).
	21	20	49	37.9	37.616	S	176.946	E	26		3.6		0.7	16	NORTH ISLAND, NEW ZEALAND. ML 4.0 (WEL).
	21	20	50	07.8	37.619	S	176.891	E	33	N			0.5	7	NORTH ISLAND, NEW ZEALAND. ML 3.9 (WEL).
	21	20	54	10.3	37.617	S	176.961	E	33	•	3.4		1.2	11	NORTH ISLAND, NEW ZEALAND. ML 4.0 (WEL).
	21	20	56	11.6	37.660	S	176.960	E	33	N	3.6		0.9	7	NORTH ISLAND, NEW ZEALAND. ML 3.9 (WEL).
	21	21	12	00.6	37.632	S	176.964	E	28		4.3		1.0	17	NORTH ISLAND, NEW ZEALAND. ML 4.3 (WEL).
	21	21	16	49.7&	35.510	N	118.194	W	1					9	CENTRAL CALIFORNIA. <PAS-P>. MD 2.5 (PAS).
	21	21	40	40.3%	10.780	N	61.241	W	60	G			0.3	9	TRINIDAD. MD 3.4 (TRN).
	21	21	59	32.4%	37.628	S	176.896	E	24				0.8	13	NORTH ISLAND, NEW ZEALAND. ML 4.0 (WEL).
	21	22	12	14.7	5.411	S	150.895	E	117		5.4		0.9	58	NEW BRITAIN REGION, P.N.G.
	21	22	35	01.1•	15.169	S	173.535	W	33	N	4.8		0.9	12	TONGA ISLANDS
	21	22	43	16.2%	37.688	S	176.903	E	20				0.6	12	NORTH ISLAND, NEW ZEALAND. ML 3.8 (WEL).
	21	22	49	42.0	37.659	S	176.798	E	10	G	3.3		0.8	15	NORTH ISLAND, NEW ZEALAND. ML 3.8 (WEL).
	21	23	12	56.3	37.628	S	176.968	E	33	N			0.6	11	NORTH ISLAND, NEW ZEALAND. ML 3.8 (WEL).
	21	23	15	45.3?	34.40	S	70.19	W	10	G			0.2	7	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	21	23	31	22.7&	63.189	N	151.025	W	145					32	CENTRAL ALASKA. <AEIC>.
	22	00	08	25.1	37.531	S	177.080	E	60	G	3.5		0.5	15	OFF E. COAST OF N. ISLAND, N.Z.
	22	00	20	14.6•	37.647	S	176.919	E	33	N			0.9	5	NORTH ISLAND, NEW ZEALAND. ML 3.7 (WEL).
	22	00	55	29.2%	42.922	N	18.721	E	10	G			0.4	6	NORTHWESTERN BALKAN REGION. ML 1.4 (TTG).
	22	01	05	31.9?	33.07	S	72.22	W	10	G			0.3	9	OFF COAST OF CENTRAL CHILE
	22	02	08	33.2	37.615	S	177.016	E	33	N	3.7		0.8	16	OFF E. COAST OF N. ISLAND, N.Z. ML 4.0 (WEL).
	22	02	12	30.8%	17.655	N	62.636	W	33	N			0.8	8	LEEWARD ISLANDS. MD 3.0 (TRN).
	22	02	13	59.8	37.649	S	176.982	E	15		4.4		1.1	18	NORTH ISLAND, NEW ZEALAND. ML 4.3 (WEL).
	22	02	19	03.9	37.686	S	177.046	E	27		3.4		1.1	12	OFF E. COAST OF N. ISLAND, N.Z. ML 3.9 (WEL).
	22	02	19	58.2?	37.55	S	177.03	E	33	N			1.2	4	OFF E. COAST OF N. ISLAND, N.Z. ML 3.8 (WEL).
	22	02	28	11.4	37.575	S	177.004	E	47	•			0.7	15	OFF E. COAST OF N. ISLAND, N.Z. ML 4.2 (WEL).
	22	02	51	14.7	37.757	S	177.016	E	15		3.6		0.8	16	OFF E. COAST OF N. ISLAND, N.Z. ML 4.0 (WEL).
	22	02	57	17.8%	37.552	S	176.997	E	52	?			0.6	10	NORTH ISLAND, NEW ZEALAND
	22	03	12	09.6	24.332	N	122.478	E	10	G	3.9		0.5	9	TAIWAN REGION
a	22	04	00	41.0	60.728	S	21.969	W	12	D	6.0	6.1	1.1	185	SOUTHWESTERN ATLANTIC OCEAN. Mo=6.3•10••18 Nm (PPT).
	22	04	58	03.7&	59.466	N	148.027	W	11					58	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.1 (AEIC), 2.9 (PMR).
	22	05	28	48.5•	32.780	N	141.628	E	33	N	4.7		0.7	13	SOUTH OF HONSHU, JAPAN
	22	05	33	48.4%	40.120	N	28.944	E	10	G			0.4	7	TURKEY
	22	06	03	31.0	53.323	N	171.168	W	176		4.6		1.2	87	FOX ISLANDS, ALEUTIAN ISLANDS
	22	06	04	27.0?	32.62	S	70.79	W	78	?			0.2	8	CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).
	22	08	28	54.0?	44.47	N	7.32	E	5	G			0.3	4	NORTHERN ITALY. ML 2.0 (GEN).
	22	09	02	25.1?	39.66	N	29.41	E	10	G			0.8	4	TURKEY
	22	09	03	19.9•	37.795	N	72.253	E	33	N	4.6		1.4	12	TAJIKISTAN
	22	09	06	46.1?	21.47	S	69.07	W	33	N			1.5	5	NORTHERN CHILE
	22	09	10	30.6?	20.06	S	177.72	W	627	?	4.7		1.6	19	FIJI ISLANDS REGION
	22	09	56	09.2%	38.866	N	27.390	E	10	G			0.3	5	TURKEY
	22	10	03	06.4%	40.114	N	28.983	E	10	G			0.3	5	TURKEY
	22	10	36	42.1•	24.124	S	66.736	W	180	•	4.7		1.3	12	SALTA PROVINCE, ARGENTINA
	22	11	01	48.0	46.251	N	12.528	E	10	G			0.5	12	NORTHERN ITALY. ML 2.5 (VIE). MD 3.0 (LJU), 2.3 (TRI).
	22	11	11	51.5?	5.97	N	126.69	E	100	?	4.2		0.9	9	MINDANAO, PHILIPPINE ISLANDS
	22	11	17	55.7%	38.868	N	27.424	E	10	G			0.4	6	TURKEY
	22	12	13	45.4%	39.467	N	2.985	W	10	G			0.8	6	SPAIN. mbLg 2.5 (MDD).
	22	13	47	58.8	37.669	S	176.979	E	29		4.4	4.4	1.3	27	NORTH ISLAND, NEW ZEALAND. ML 4.4 (WEL).
	22	14	04	59.5	37.572	S	177.034	E	31		3.5		1.2	15	OFF E. COAST OF N. ISLAND, N.Z. ML 3.8 (WEL).
	22	14	31	54.3?	21.48	S	179.19	W	528	?	4.4		1.0	13	FIJI ISLANDS REGION
	22	14	47	20.0?	35.94	N	22.61	E	10	G			0.3	4	CENTRAL MEDITERRANEAN SEA. ML 3.3 (ATH).
	22	14	55	42.5	37.658	S	176.976	E	24		4.5		1.3	27	NORTH ISLAND, NEW ZEALAND. ML 4.4 (WEL).

a	22	14	57	16.8	30.557	N	141.654	E	41	D	5.0	4.7	1.1	99	SOUTH OF HONSHU, JAPAN
	22	15	04	36.9%	37.542	S	177.058	E	58	•			0.6	14	OFF E COAST OF N ISLAND, N.Z.
a	22	15	17	43.3	16.867	N	147.009	E	66	D	5.7		1.0	253	MARIANA ISLANDS REGION. Mo=5.0•10••17 Nm (PPT)
	22	15	44	44 1?	44.38	N	11.62	E	10	G			0.3	4	NORTHERN ITALY
	22	15	49	28.0?	39.06	N	27.15	E	10	G			0.7	5	TURKEY
	22	16	12	16.7?	42.57	N	10.45	W	10	G			0.8	8	NORTH ATLANTIC OCEAN. mbLg 3.4 (MDD).
	22	16	32	14.3%	47.165	N	7.005	E	10	G			1.2	6	SWITZERLAND. ML 2.2 (LDG).
	22	16	55	57.1&	33.978	N	116.269	W	5					7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	22	17	17	25.6&	33.994	N	116.316	W	10					10	SOUTHERN CALIFORNIA. <PAS-P> ML 3.0 (PAS).
	22	17	31	00.2	45.698	N	7.035	E	10	G			1.0	9	NORTHERN ITALY. ML 2.3 (LDG), 2.3 (STR).
	22	20	53	48.5•	31.609	N	138.479	E	72	?	4.3		1.4	20	SOUTH OF HONSHU, JAPAN
	22	21	21	09.2•	7.013	N	72.230	W	33	N			1.3	6	NORTHERN COLOMBIA
	22	22	06	20.8&	58.306	N	152.941	W	11					45	KODIAK ISLAND REGION. <AEIC>. ML 3.1 (AEIC).
	22	22	11	08.3%	37.620	S	176.875	E	31				0.5	13	NORTH ISLAND, NEW ZEALAND. ML 4.1 (WEL).
	22	22	23	40.0•	37.584	N	73.778	E	33	N	3.9		1.0	6	TAJIKISTAN
	22	22	45	56.5?	37.74	N	14.99	E	10	G			0.1	4	SICILY
	22	23	26	54.7•	40.754	N	72.139	E	33	N	4.0		1.2	8	KYRGYZSTAN
	22	23	29	12.7%	41.421	N	14.537	E	10	G			1.1	6	SOUTHERN ITALY
	22	23	33	25.0	37.572	S	176.794	E	15				0.4	10	NORTH ISLAND, NEW ZEALAND. ML 3.8 (WEL).
	23	00	43	31.9?	39.38	N	37.11	E	10	G			0.6	4	TURKEY. MG 3.3 (DDA).
	23	02	08	19.2	37.156	N	140.571	E	119		4.6		1.1	72	EASTERN HONSHU, JAPAN
	23	02	11	14.9?	38.30	N	27.25	E	10	G			1.1	5	TURKEY
	23	02	31	49.2%	39.869	N	16.166	E	5	G			0.4	6	SOUTHERN ITALY
	23	02	53	17.2?	28.28	S	176.84	W	211	•	3.8		0.9	7	KERMADEC ISLANDS REGION
	23	03	34	48.0•	22.949	N	95.950	E	33	N	4.5		1.1	11	MYANMAR
	23	03	48	06.5	45.097	N	151.104	E	41	?	4.7		1.2	46	KURIL ISLANDS
a	23	04	52	36.3	3.595	S	129.088	E	75		5.6		1.1	168	SERAM, INDONESIA. Felt (III) at Sarang.
a	23	04	52	49.5	18.893	S	172.337	E	33	N	5.6		1.2	82	VANUATU ISLANDS REGION
	23	05	47	39.6%	44.125	N	7.990	E	10	G			0.5	5	NORTHERN ITALY. ML 1.5 (GEN).
	23	05	54	40.7%	44.131	N	7.987	E	10	G			0.6	6	NORTHERN ITALY. ML 1.8 (GEN).
	23	06	10	19.3•	38.905	N	21.359	E	10	G			1.5	6	GREECE. MD 3.1 (ATH).
	23	06	14	51.1?	38.91	N	21.30	E	10	G			1.3	4	GREECE. MD 2.9 (ATH).
	23	06	22	59.9?	39.91	N	19.54	E	10	G			1.5	6	GREECE-ALBANIA BORDER REGION. ML 2.6 (TIR).
	23	06	25	04.7&	59.880	N	153.525	W	149					49	SOUTHERN ALASKA. <AEIC>.
	23	06	55	09.7•	24.023	N	122.546	E	47	•	4.4	3.6	1.2	20	TAIWAN REGION
	23	06	56	51.6?	38.19	N	22.06	E	10	G			1.0	4	GREECE. ML 2.8 (ATH).
	23	07	23	38.6•	32.134	S	179.412	E	332	•	5.1		0.9	30	SOUTH OF KERMADEC ISLANDS
	23	07	57	34.7&	61.029	N	151.229	W	79					53	SOUTHERN ALASKA. <AEIC>.
	23	09	02	15.5•	44.331	N	114.315	W	10	G			1.0	11	WESTERN IDAHO. ML 4.0 (GS).
	23	09	04	10.8?	39.65	N	29.50	E	10	G			0.9	5	TURKEY
	23	09	31	48.5%	46.446	N	2.767	E	10	G			0.7	5	FRANCE. ML 1.9 (LDG).
	23	09	48	23.8?	35.82	N	6.58	W	33	N			1.2	7	STRAIT OF GIBRALTAR. mbLg 2.8 (MDD).
	23	10	17	48.9%	38.816	S	178.160	E	35	?			0.7	15	OFF E. COAST OF N. ISLAND, N.Z.
	23	10	42	50.1	14.567	N	60.738	W	15				0.9	14	WINDWARD ISLANDS. ML 3.1 (FDF). Felt (II) on Martinique.
	23	10	58	52.0%	39.751	N	15.865	E	10	G			0.5	7	SOUTHERN ITALY
a	23	11	21	21.5	36.104	S	101.220	W	10	G	5.6	5.6	1.2	138	SOUTHERN PACIFIC OCEAN. Mo=1.0•10••18 Nm (PPT).
	23	12	08	07.2	39.147	N	26.287	E	10	G			0.5	11	TURKEY
a	23	13	03	22.6	17.981	S	174.726	W	18	D	5.4	5.1	1.0	147	TONGA ISLANDS. Mo=6.3•10••17 Nm (PPT).
	23	13	08	48.3•	18.015	S	174.822	W	16	D	5.3	5.2	1.2	66	TONGA ISLANDS
	23	13	33	21.4%	44.392	N	7.377	E	10	G			0.5	9	NORTHERN ITALY. ML 2.0 (GEN).
	23	14	49	09.4&	61.261	N	139.985	W	10	G	4.0			59	SOUTHERN YUKON TERRITORY, CANADA. <PGC-P>. ML 3.9 (PGC), 3.8 (AEIC).
	23	14	51	04.7	7.646	S	123.934	E	277	•	4.7		1.1	33	BANDA SEA
	23	15	00	00.0&	37.124	N	116.031	W	0					33	SOUTHERN NEVADA. <DOE>. ML 3.9 (GS). 37° 07' 26.10" N., 116° 01' 52.48" W., Surface Elev. 1296 m., Depth of Burial 290 m., Shot Time 150000.072, "GALENA," Nevada Test Site (Dept. of Energy).
	23	15	36	39.8•	66.967	N	20.949	E	10	G			1.0	5	SWEDEN. MD 2.4 (BER).
	23	17	00	58.5&	61.820	N	149.996	W	40					57	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
	23	17	29	36.5%	38.904	N	26.255	E	10	G			0.5	9	AEGEAN SEA
	23	17	35	01.2	51.607	N	7.568	E	10	G			0.2	6	GERMANY. ML 2.4 (BNS). Felt at Lunen.
	23	18	31	06.4?	43.47	N	5.72	E	5	G			1.0	10	NEAR SOUTH COAST OF FRANCE
	23	18	36	50.3?	71.06	N	15.14	W	10	G	4.3	3.4	1.1	31	JAN MAYEN ISLAND REGION
	23	19	27	49.0?	36.47	N	13.16	W	10	G			1.2	8	NORTH ATLANTIC OCEAN. mbLg 3.0 (MDD). MD 2.9 (R8A).
	23	19	32	38.6•	1.409	N	123.282	E	10	G	4.5	4.3	1.4	17	MINAHASSA PENINSULA, SULAWESI
	23	20	00	24.8&	62.871	N	150.727	W	95					64	CENTRAL ALASKA. <AEIC>.
	23	20	11	42.1•	37.958	N	20.245	E	10	G			1.0	5	IONIAN SEA. ML 3.3 (ATH).
	23	21	47	26.7?	26.56	S	178.40	E	650	?	4.6		0.8	12	SOUTH OF FIJI ISLANDS
	23	22	13	00.4	35.207	N	28.092	E	71	•	3.9		1.1	36	EASTERN MEDITERRANEAN SEA. MD 4.1 (ATH).
	23	22	22	13.8	25.964	N	126.278	E	77	•	4.2		1.0	19	RYUKYU ISLANDS
	23	22	26	59.1	37.661	S	176.850	E	16		3.3		1.1	15	NORTH ISLAND, NEW ZEALAND. ML 4.2 (WEL).
	23	22	51	11.5%	45.752	N	26.645	E	125	?			1.2	10	ROMANIA
	23	23	05	13.3•	61.314	S	161.186	E	10	G	4.5		1.2	11	BALLENY ISLANDS REGION
	23	23	35	25.8	22.514	N	44.917	W	10	G	4.8	4.2	1.0	48	NORTHERN MID-ATLANTIC RIDGE
	23	23	49	54.3	39.743	N	19.370	E	10	G			1.0	16	GREECE-ALBANIA BORDER REGION. MD 3.1 (ATH). ML 2.8 (TIR).
	23	23	59	38.0&	34.763	N	121.042	W	6	G				3	OFF COAST OF CALIFORNIA. <PAS-P>. MD 2.9 (PAS).
	24	00	10	59.6%	18.076	N	66.952	W	25	•			0.2	6	PUERTO RICO REGION
	24	00	41	05.1•	23.610	S	175.467	W	43	D	5.5	4.7	1.2	29	TONGA ISLANDS REGION
	24	01	07	15.8?	21.71	S	178.76	W	572	?	4.7		1.4	11	FIJI ISLANDS REGION
	24	01	24	37.4&	59.037	N	149.837	W	46					86	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.6 (AEIC), 3.4 (PMR).
	24	01	43	43.4•	35.420	N	74.916	E	33	N	4.4		1.5	13	NORTHWESTERN KASHMIR. ML 4.1 (BJI).
	24	01	51	41.1?	6.49	S	147.76	E	71	•	4.5		1.4	8	EASTERN NEW GUINEA REG., P.N.G.
	24	02	32	56.3	50.016	N	12.217	E	10	G			0.9	10	GERMANY. ML 2.7 (FUR), 2.7 (VIE), 2.4 (GRF), 2.4 (MOX).
	24	02	49	28.6	35.211	N	74.698	E	56	•	4.4		0.5	14	NORTHWESTERN KASHMIR
	24	03	03	08.0•	40.117	N	20.739	E	10	G			1.5	5	GREECE-ALBANIA BORDER REGION. ML 2.6 (TIR).
	24	03	17	54.6?	23.33	S	178.77	E	630	?	4.7		1.1	26	SOUTH OF FIJI ISLANDS
	24	03	39	05.4	50.021	N	12.138	E	10	G			0.9	6	GERMANY. ML 1.5 (MOX), 1.4 (GRF).
	24	03	49	16.8%	38.899	S	175.140	E	220	?			0.4	18	NORTH ISLAND, NEW ZEALAND
	24	03	55	26.8%	37.546	N	115.360	E	33	N			1.0	5	NORTHEASTERN CHINA. ML 3.5 (BJI).
	24	04	02	23.8	49.994	N	12.180	E	10	G			0.4	8	GERMANY. ML 2.2 (MOX), 2.2 (FUR).

	24	04	39	37.6?	41.68	N	13.80	E	10	G			0.3	4	SOUTHERN ITALY
	24	05	48	46.4•	39.441	N	20.503	E	10	G			1.5	8	GREECE-ALBANIA BORDER REGION. MD 3.1 (ATH). ML 2.7 (TIR)
	24	07	04	29.0•	14.925	N	119.659	E	62	•	4.5		1.3	11	LUZON, PHILIPPINE ISLANDS
	24	07	06	23.1	44.720	N	6.871	E	10	G			0.5	16	FRANCE. ML 2.2 (LDG), 2.1 (GEN).
	24	07	19	53.1•	14.756	N	119.370	E	31	•	4.5	4.0	1.3	13	LUZON, PHILIPPINE ISLANDS
	24	07	25	28.5&	40.342	N	124.500	W	25					15	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 3.8 (GM). ML 3.5 (GS), 3.5 (BRK). Felt at Honeydew.
	24	07	27	23.9%	45.694	N	2.844	E	10	G			0.7	12	FRANCE. ML 2.2 (LDG).
	24	07	31	20.2&	38.783	N	111.554	W	0		4.4			59	UTAH. <SLC-P>. ML 4.4 (SLC). Felt at the SUFCO Mine.
	24	07	43	52.8	45.646	N	2.912	E	10	G			0.8	13	FRANCE. ML 2.8 (LDG).
	24	08	04	44.5&	34.412	N	116.808	W	1					13	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS).
	24	08	34	43.0•	59.747	S	25.819	W	33	N	4.7		1.0	15	SOUTH SANDWICH ISLANDS REGION
	24	08	51	53.6•	6.397	S	147.554	E	33	N	4.0		0.9	5	EASTERN NEW GUINEA REG., P.N.G.
	24	08	57	23.3	43.567	N	16.872	E	10	G			0.9	22	NORTHWESTERN BALKAN REGION. MD 3.5 (TRI). ML 3.0 (TTG), 3.0 (LJU).
	24	08	58	32.3•	13.857	N	91.706	W	33	N	4.8	4.0	1.0	65	NEAR COAST OF GUATEMALA
	24	09	00	18.1	15.424	S	173.395	W	31	D	5.2	4.8	1.1	78	TONGA ISLANDS
	24	09	26	07.6?	41.17	N	28.70	E	10	G			0.6	4	TURKEY
	24	09	58	57.1?	31.13	S	68.33	W	100	G			0.3	6	SAN JUAN PROVINCE, ARGENTINA
	24	10	28	17.6&	63.204	N	150.672	W	132					51	CENTRAL ALASKA. <AEIC>.
	24	10	47	17.9	44.271	N	12.247	E	10	G			0.5	9	NORTHERN ITALY. MD 2.7 (TRI).
	24	11	43	31.1%	39.298	N	27.740	E	10	G			0.5	5	TURKEY
a	24	12	11	26.0	51.501	N	173.446	W	33	N	5.7	5.6	1.0	444	ANDREANOF ISLANDS, ALEUTIAN IS. ML 5.7 (PMR). Mo=1.6•10••18 Nm (PPT). Felt (III) on Adak and Atka.
a	24	12	27	11.2	5.311	S	102.974	E	47	D	5.4	5.7	1.2	101	SOUTHERN SUMATERA, INDONESIA
	24	12	51	03.5•	43.557	N	6.474	E	10	G			0.6	9	NEAR SOUTH COAST OF FRANCE
	24	13	29	56.8	7.381	N	136.943	E	33	N	4.9	4.3	0.8	31	WESTERN CAROLINE ISLANDS
	24	13	37	47.8%	37.606	S	176.890	E	31				0.5	14	NORTH ISLAND, NEW ZEALAND. ML 3.8 (WEL).
	24	14	01	44.7	51.480	N	173.491	W	33	N	4.7	4.5	1.1	103	ANDREANOF ISLANDS, ALEUTIAN IS.
	24	14	03	18.4%	44.404	N	8.321	E	10	G			0.4	7	NORTHERN ITALY. ML 2.2 (GEN).
	24	14	12	45.7?	37.80	S	176.11	E	246	?			0.4	14	NORTH ISLAND, NEW ZEALAND
	24	14	12	57.7%	44.369	N	7.356	E	10	G			0.7	5	NORTHERN ITALY. ML 1.8 (GEN).
	24	14	44	39.4•	51.345	N	173.558	W	33	N	4.1		1.3	29	ANDREANOF ISLANDS, ALEUTIAN IS.
	24	15	08	21.2•	31.747	S	71.717	W	33	N			0.5	12	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	24	15	13	31.0•	31.459	S	68.700	W	68	?			0.5	6	SAN JUAN PROVINCE, ARGENTINA
	24	15	25	16.5?	41.24	N	28.75	E	10	G			0.8	4	TURKEY
	24	15	44	16.6?	39.70	N	28.18	E	10	G			0.2	4	TURKEY
	24	16	12	08.5	42.052	N	21.257	E	14				1.1	50	NORTHWESTERN BALKAN REGION. ML 4.3 (SKO), 3.7 (TTG). Felt (IV) at Resen, Yugoslavia.
	24	16	12	32.7%	43.949	N	12.295	E	10	G			0.8	5	CENTRAL ITALY
	24	16	59	19.3•	51.256	N	173.502	W	33	N	4.2		1.0	24	ANDREANOF ISLANDS, ALEUTIAN IS.
	24	17	24	06.5%	45.712	N	26.556	E	154	?			0.4	11	ROMANIA
	24	18	08	47.7	39.145	S	175.097	E	184				0.4	31	NORTH ISLAND, NEW ZEALAND
	24	18	43	06.1?	31.10	S	68.27	W	95	?			0.3	6	SAN JUAN PROVINCE, ARGENTINA
	24	19	59	23.3•	35.894	N	75.522	E	33	N	3.9		1.3	8	EASTERN KASHMIR
	24	22	00	14.6	44.130	N	7.168	E	10	G			0.6	19	NORTHERN ITALY. ML 2.4 (GEN), 2.1 (LDG).
	24	22	02	28.4%	44.297	N	7.285	E	10	G			0.6	5	NORTHERN ITALY
	24	22	23	28.7	37.644	S	176.887	E	25				0.7	11	NORTH ISLAND, NEW ZEALAND. ML 3.7 (WEL).
	24	23	35	03.1%	37.629	S	176.823	E	10	G			0.8	12	NORTH ISLAND, NEW ZEALAND. ML 3.9 (WEL).
	24	23	43	46.4?	42.88	N	0.75	W	5	G			0.7	6	PYRENEES. ML 2.2 (LDG).
	24	23	53	32.5	41.146	N	21.044	E	5	G			1.2	24	NORTHWESTERN BALKAN REGION. MD 3.0 (ATH). ML 2.9 (TTG), 2.8 (SKO), 2.6 (TIR). Felt (IV) in the Resen area, Yugoslavia.
	25	00	23	45.2?	51.40	N	173.65	W	33	N	3.7		1.4	14	ANDREANOF ISLANDS, ALEUTIAN IS.
	25	01	04	19.3•	34.171	N	26.459	E	33	N			0.8	9	CRETE. MD 3.7 (ATH).
	25	01	21	14.3?	57.04	N	37.88	W	10	G	4.3	3.8	0.6	11	NORTH ATLANTIC OCEAN
	25	01	36	30.8	18.876	S	169.290	E	249		4.9		1.0	48	VANUATU ISLANDS
	25	01	58	32.2&	61.957	N	150.472	W	10					44	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	25	02	04	57.7•	10.919	N	142.313	E	21	•	4.8		0.7	12	SOUTH OF MARIANA ISLANDS
	25	02	49	38.1•	12.743	N	88.279	W	85	•	3.7		0.9	12	OFF COAST OF CENTRAL AMERICA. Felt (II) at San Salvador, El Salvador.
	25	03	11	59.3	51.570	N	173.679	W	33	N	4.4		0.8	41	ANDREANOF ISLANDS, ALEUTIAN IS.
	25	03	29	27.6?	26.41	S	27.32	E	5	G			0.1	4	REPUBLIC OF SOUTH AFRICA. mbLg 3.6 (BUL).
	25	03	36	15.0	44.319	N	7.308	E	10	G			0.4	11	NORTHERN ITALY. ML 2.0 (GEN), 1.9 (LDG).
	25	03	45	38.0&	60.564	N	151.245	W	52					47	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.6 (AEIC).
	25	04	22	10.9?	45.45	N	14.67	E	10	G			0.2	4	NORTHWESTERN BALKAN REGION. MD 2.4 (LJU).
	25	04	27	10.3•	51.442	N	173.516	W	33	N	4.3		1.2	27	ANDREANOF ISLANDS, ALEUTIAN IS.
a	25	04	37	51.7	51.602	N	173.454	W	33	N	5.1	4.4	1.0	161	ANDREANOF ISLANDS, ALEUTIAN IS.
	25	04	44	30.3	38.798	S	175.740	E	157	•	4.8		1.0	35	NORTH ISLAND, NEW ZEALAND
	25	04	48	01.1	40.803	N	19.551	E	15				1.0	49	ALBANIA. ML 3.3 (TTG), 3.2 (TIR).
	25	04	48	13.0?	59.57	S	24.62	W	33	N	4.8		0.9	11	SOUTH SANDWICH ISLANDS REGION
	25	05	24	55.3&	36.114	N	120.054	W	6	G				10	CENTRAL CALIFORNIA. <PAS-P>. ML 2.6 (PAS).
	25	05	39	55.4?	16.03	N	61.24	W	10	G			0.4	4	LEEWARD ISLANDS. ML 2.2 (FDF).
f	25	06	30	51.0	28.314	S	176.716	W	20	G	6.1	6.5	1.2	398	KERMADEC ISLANDS REGION. Mo=1.3•10••19 Nm (PPT). Felt (IV) on Raoul Island. Depth from broadband displacement seismograms.
	25	07	46	33.5	60.413	N	147.875	W	33	N	3.0		1.2	14	SOUTHERN ALASKA. ML 3.4 (PMR).
	25	08	21	09.7%	11.125	N	61.796	W	10	G			1.6	5	WINDWARD ISLANDS. MD 3.4 (TRN).
	25	08	23	50.8•	52.708	N	172.609	E	33	N	3.8		1.2	8	NEAR ISLANDS, ALEUTIAN ISLANDS
	25	08	38	36.6•	24.455	S	66.340	W	33	N			1.2	6	SALTA PROVINCE, ARGENTINA
	25	08	42	11.4?	38.63	N	26.29	E	10	G			0.3	8	AEGEAN SEA
	25	09	15	02.2?	38.18	N	22.85	E	10	G			0.7	4	GREECE. ML 3.0 (ATH).
	25	09	17	20.9%	39.677	N	29.458	E	10	G			0.4	5	TURKEY
	25	09	24	32.2%	39.502	N	29.609	E	10	G			0.6	5	TURKEY
	25	09	30	43.9%	39.640	N	29.492	E	5	G			1.4	5	TURKEY
	25	09	40	40.1%	39.442	N	29.633	E	10	G			0.7	6	TURKEY
	25	09	41	49.8	40.470	N	78.550	E	33	N	4.7		1.1	35	SOUTHERN XINJIANG, CHINA. ML 4.5 (BJI).
	25	10	15	56.3?	30.54	S	117.17	E	10	G			0.3	4	WESTERN AUSTRALIA
	25	10	33	53.6?	45.24	N	25.38	E	10	G			0.7	5	ROMANIA
	25	10	48	29.6•	23.029	N	123.196	E	17	•	3.9		1.3	9	SOUTHWESTERN RYUKYU ISLANDS
	25	11	46	04.0%	39.231	N	27.759	E	10	G			0.6	5	TURKEY
	25	13	06	27.0?	44.37	N	7.36	E	10	G			0.4	4	NORTHERN ITALY. ML 1.9 (GEN).

	25	13 07 06.0•	9.598	S	114.748	E	45	?	4.7		1.4	11	SOUTH OF BALI, INDONESIA
	25	13 11 33.1	43.420	N	5.442	E	10	G			0.7	8	NEAR SOUTH COAST OF FRANCE ML 2 6 (STR).
	25	14 24 33.7?	31.48	S	69.55	W	120	G			0 0	5	SAN JUAN PROVINCE, ARGENTINA
	25	14 35 07.6?	13.28	N	89.76	W	33	N			0.1	7	EL SALVADOR. Felt (III) at San Salvador, El Salvador.
	25	15 17 14.1	60 551	N	5.028	E	10	G			0 3	6	SOUTHERN NORWAY MD 1.5 (BER). ML 1.1 (NAO)
	25	15 25 23.5	26.894	S	26.740	E	5	G			1.5	16	REPUBLIC OF SOUTH AFRICA. mbLg 3 3 (BUL)
	25	15 29 32.2?	66.95	N	20.95	E	10	G			0.7	4	SWEDEN. MD 3.4 (BER).
	25	15 46 13.5	11.833	N	92.381	E	35	•	4 6		0.9	25	ANDAMAN ISLANDS, INDIA
	25	16 16 05.6?	32.46	S	71.48	W	33	N			0.6	7	NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	25	16 48 51.7	51.076	N	5.911	E	10	G			1.4	17	THE NETHERLANDS MD 2.3 (UCC). ML 2.0 (BNS).
	25	17 48 26.0?	22.55	S	176.05	W	280	?	4.2		0.1	7	SOUTH OF FIJI ISLANDS
	25	17 52 58.7•	43.101	N	4.426	E	10	G			0.4	6	NEAR SOUTH COAST OF FRANCE. ML 2.8 (LDG)
	25	18 14 18.7	51.237	N	173.635	W	33	N	4.6		1.2	90	ANDREANOF ISLANDS, ALEUTIAN IS.
	25	18 29 09.7	24.027	N	121.702	E	32		4.8		1.3	61	TAIWAN. ML 4.9 (BJI).
	25	19 17 36.6	44.62B	N	8.119	E	10	G			0.4	14	NORTHERN ITALY. ML 2.2 (LDG), 2.0 (GEN).
	25	19 18 01.1	38.879	N	24.924	E	10	G			0.8	22	AEGEAN SEA. ML 3.5 (ATH).
	25	19 29 11.1•	17.523	N	61.792	W	33	N			0.3	6	LEEWARD ISLANDS. MD 2.8 (TRN).
	25	19 52 26.8?	39.14	N	79.80	E	33	N			0.6	6	SOUTHERN XINJIANG, CHINA
	25	20 19 54.6	44.513	N	12.289	E	10				1.1	14	NORTHERN ITALY. MD 2.5 (TRI).
	25	20 25 44.6%	42.895	N	12.682	E	10	G			0.5	5	CENTRAL ITALY
	25	20 30 24.8•	12.236	N	144.781	E	33	N	4.4		0.4	6	SOUTH OF MARIANA ISLANDS
	25	21 05 15.3?	31.24	S	68.70	W	100	G			0.4	5	SAN JUAN PROVINCE, ARGENTINA
	25	21 27 34.4	38.636	N	15.068	E	262		4.1		1.0	123	SICILY
	25	22 09 12.5?	14.76	N	60.82	W	33	N			0.2	4	WINDWARD ISLANDS. ML 1.8 (FDF).
	25	22 31 23.3	46.969	N	8.927	E	10	G			1.2	11	SWITZERLAND. ML 2.2 (LDG).
	25	22 47 14.1?	39.89	N	29.81	E	10	G			1.1	4	TURKEY
	25	23 09 36.9%	42.988	N	18.927	E	10	G			0.5	8	NORTHWESTERN BALKAN REGION. ML 1.3 (TTG).
	25	23 10 01.7&	60.337	N	152.117	W	96					40	SOUTHERN ALASKA. <AEIC>.
	25	23 55 25.3%	43.948	N	12.101	E	10	G			0.8	8	CENTRAL ITALY
	26	00 29 10.0•	38.026	N	30.770	E	10	G			1.5	8	TURKEY
a	26	02 09 56.1	22.281	S	179.572	W	598	D	5.4		1.0	196	SOUTH OF FIJI ISLANDS
a	26	02 36 13.4	8.790	S	112.593	E	64	D	5.2		1.1	83	JAWA, INDONESIA
	26	03 10 48.4•	19.149	S	70.719	W	74	•	4.0		1.1	11	NEAR COAST OF NORTHERN CHILE
a	26	03 18 52.2	33.719	S	178.862	W	33	N	5.6	5.6	1.2	97	SOUTH OF KERMADEC ISLANDS
	26	03 38 00.3	32.576	S	70.830	W	82	?			0.5	13	CHILE-ARGENTINA BORDER REGION. MD 4.0 (SAN).
	26	03 56 21.4•	43.058	N	127.390	W	10	G			0.4	57	OFF COAST OF OREGON
	26	04 07 22.8	38.595	S	175.662	E	205	•			0.5	29	NORTH ISLAND, NEW ZEALAND
	26	04 08 10.4&	60.367	N	147.799	W	10					41	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	26	04 39 25.9?	5.95	N	82.97	W	33	N	4.1		0.6	7	SOUTH OF PANAMA
	26	05 15 12.0	5.613	S	102.581	E	46	D	4.9		1.0	26	SOUTHERN SUMATERA, INDONESIA
	26	05 31 22.2	28.057	N	128.061	E	33	N	4.4		1.4	24	RYUKYU ISLANDS
	26	05 53 31.4•	47.271	N	11.275	E	5	G			0.1	5	AUSTRIA. ML 2.1 (VIE).
	26	06 00 05.3	38.379	N	21.679	E	10	G	3.7		1.3	45	GREECE. ML 3.6 (TTG), 3.5 (ATH).
	26	07 00 09.1%	43.541	N	12.311	E	10	G			0.1	5	CENTRAL ITALY
	26	07 19 51.0•	34.102	S	179.093	W	70	?	4.7		0.7	13	SOUTH OF KERMADEC ISLANDS
	26	07 21 53.1	6.252	N	82.348	W	10	G	5.1	4.6	0.9	70	SOUTH OF PANAMA
	26	07 27 37.0	43.012	N	0.323	W	10	G			1.0	11	PYRENEES. ML 2.9 (LDG).
	26	08 26 46.6?	8.31	N	83.40	W	10	G			0.5	6	COSTA RICA
	26	08 31 13.7•	24.270	S	66.959	W	213	?			1.1	9	SALTA PROVINCE, ARGENTINA
	26	08 49 50.8?	8.47	N	83.46	W	10	G			0.8	6	COSTA RICA
	26	08 52 25.5?	8.20	N	83.72	W	10	G			0.6	6	COSTA RICA
	26	09 17 32.9%	41.071	N	28.716	E	10	G			0.6	7	TURKEY
	26	09 59 51.3?	6.55	N	82.33	W	10	G	4.1		1.2	10	SOUTH OF PANAMA
	26	10 08 35.9	44.510	S	169.614	E	12		3.7		0.8	14	SOUTH ISLAND, NEW ZEALAND. ML 3.7 (WEL).
	26	10 09 23.1?	24.36	N	123.57	E	10	G			0.5	7	SOUTHWESTERN RYUKYU ISLANDS
	26	10 11 42.0&	59.870	N	151.305	W	43					42	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.0 (AEIC).
	26	10 16 40.1	59.712	N	6.464	E	10	G			1.0	9	SOUTHERN NORWAY. ML 2.6 (NAO). MD 2.5 (BER).
	26	10 26 12.9	44.412	N	6.946	E	10	G			0.3	10	FRANCE. ML 2.2 (GEN).
	26	10 49 15.6?	33.92	S	179.35	W	77	?	5.1		1.1	13	SOUTH OF KERMADEC ISLANDS
	26	11 00 55.1&	61.484	N	150.727	W	54					80	SOUTHERN ALASKA. <AEIC>. ML 4.2 (AEIC), 4.2 (PMR). Felt (III) at Anchorage, Eagle River, Fort Richardson, Palmer and Wasilla.
	26	11 14 18.1	40.783	N	20.477	E	10	G			1.1	16	GREECE-ALBANIA BORDER REGION. ML 3.5 (TTG).
f	26	11 32 27.1	6.129	N	82.349	W	10	G	5.8	5.4	1.0	319	SOUTH OF PANAMA. Complex event observed on broadband displacement seismograms.
	26	12 12 22.9?	32.61	S	179.45	W	416	?	4.7		1.6	10	SOUTH OF KERMADEC ISLANDS
	26	13 39 41.4•	40.851	N	23.455	E	10	G			1.1	6	GREECE
	26	14 16 31.0&	34.039	N	116.316	W	8					11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS).
	26	14 50 28.2•	7.292	N	126.865	E	57	•	4.7		1.3	34	MINDANAO, PHILIPPINE ISLANDS
	26	14 57 45.3%	42.060	N	19.439	E	10	G			0.3	7	NORTHWESTERN BALKAN REGION. ML 1.6 (TTG).
	26	15 35 09.7	16.723	N	61.497	W	10	G			0.4	8	LEEWARD ISLANDS. ML 1.8 (FDF).
	26	16 14 16.6	17.076	N	62.308	W	10	G			0.5	6	LEEWARD ISLANDS. MD 2.3 (TRN).
	26	16 41 33.9	31.072	N	35.500	E	10	G			0.6	13	DEAD SEA REGION
	26	17 17 44.1	31.072	N	35.505	E	10	G			0.5	16	DEAD SEA REGION
	26	17 49 01.5•	18.190	S	166.139	E	33	N	4.7		0.9	6	VANUATU ISLANDS REGION
	26	19 17 48.7	46.756	N	8.921	E	5	G			1.1	45	SWITZERLAND. ML 3.2 (VIE), 3.0 (LDG), 3.0 (FUR), 2.9 (GRF).
	26	20 02 00.2•	21.678	S	170.498	E	156	?	4.7		1.2	20	LOYALTY ISLANDS REGION
	26	20 08 37.2•	37.893	S	175.982	E	285	•			1.1	21	NORTH ISLAND, NEW ZEALAND
	26	20 38 00.1?	18.20	S	173.09	W	33	N	5.0		0.8	5	TONGA ISLANDS
	26	20 44 15.7•	7.260	S	128.380	E	105	?	4.5		0.8	12	BANDA SEA
	26	21 12 11.7?	29.51	N	143.19	E	33	N	4.7		1.1	6	SOUTH OF HONSHU, JAPAN
	26	21 58 56.3&	62.372	N	151.148	W	88					53	CENTRAL ALASKA. <AEIC>.
	26	22 11 18.7	38.813	N	70.434	E	39	•	4.4		1.0	17	AFGHANISTAN-TAJIKISTAN BORD REG. ML 4.2 (BJI).
	26	22 35 33.8?	50.09	N	19.09	E	10	G			0.6	4	POLAND. ML 3.2 (WAR).
	26	23 11 02.6?	51.47	N	172.94	W	33	N	4.2		0.4	9	ANDREANOF ISLANDS, ALEUTIAN IS.
	27	00 36 36.7•	34.310	N	141.392	E	38	D	4.5	4.2	1.2	28	OFF EAST COAST OF HONSHU, JAPAN
	27	01 21 01.2&	68.816	N	96.951	W	18	G	4.3	3.7		61	NORTHWEST TERRITORIES, CANADA. <OTT-P>. mbLg 4.6 (OTT). Felt at Gjoa Haven.
	27	02 13 18.3	35.148	N	81.079	E	33	N	4.5	4.6	1.1	75	SOUTHERN XINJIANG, CHINA
	27	02 31 36.4	44.713	N	6.874	E	10	G			0.7	24	FRANCE. ML 2.7 (GEN), 2.4 (LDG).
	27	03 25 45.3•	6.162	S	147.313	E	116	•	4.4		1.2	10	EASTERN NEW GUINEA REG., P.N.G.
	27	03 25 47.3?	15.92	S	168.23	E	260	?	4.9		1.2	18	VANUATU ISLANDS

	27	05 15 32.9	44.684	N	11.551	E	22			1.4	29	NORTHERN ITALY. ML 2.8 (LDG).
	27	06 26 28 0?	12.49	N	89.56	W	33	N	4.4	0.8	14	OFF COAST OF CENTRAL AMERICA
	27	07 09 42 0%	33.798	S	70.034	W	10	G		0.2	8	CHILE-ARGENTINA BORDER REGION MD 3.6 (SAN).
	27	09 33 43.0&	65 556	N	148.193	W	7				50	NORTHERN ALASKA. <AEIC>. ML 3.3 (AEIC), 3.8 (PMR).
	27	09 40 25 3&	65.522	N	148.179	W	11				45	NORTHERN ALASKA. <AEIC>. ML 3.2 (AEIC), 3.6 (PMR).
	27	10 50 59.4*	35.137	N	13.440	W	10	G		0.5	24	NORTH ATLANTIC OCEAN. MD 3.9 (RBA).
	27	11 08 17.8*	51.626	N	7.616	E	10	G		1.3	9	GERMANY. ML 3.2 (LDG), 3.0 (GSH), 2.7 (BNS).
	27	11 51 26.1&	61.497	N	146.738	W	24				32	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
o	27	13 21 20.9	35.139	N	81.131	E	33	N	5.0 4.7	1.0	134	SOUTHERN XINJIANG, CHINA
	27	13 49 02.8?	66.81	N	13.39	E	10	G		1.1	4	NORTHERN NORWAY. MD 3.2 (BER).
o	27	14 16 19.8	18.972	N	80.592	W	10	G	5.2 5.1	1.0	228	CARIBBEAN SEA. Felt (III) at Grand Cayman, Caymon Islands. Felt at Niquero and Media Luno, Cubo.
	27	14 33 12.5%	44.303	N	11.480	E	10	G		0.3	B	NORTHERN ITALY
	27	16 18 38.0%	38.536	N	15.646	E	33	N		0.7	5	SICILY
	27	18 11 28.0*	34.417	N	81.116	E	33	N	3.5	1.1	9	XIJANG
	27	19 00 19.7&	58.518	N	152.312	W	4				26	KODIAK ISLAND REGION. <AEIC>. ML 2.6 (AEIC).
	27	19 05 13.5	40.465	N	78.613	E	33	N	4.4	0.9	30	SOUTHERN XINJIANG, CHINA
	27	19 23 24.1	45.196	N	3.266	E	10	G		0.7	11	FRANCE. ML 2.5 (LDG).
	27	20 16 18.8?	6.24	S	147.56	E	59	?	4.5	0.1	5	EASTERN NEW GUINEA REG., P.N.G.
	27	20 20 49.8	43.093	N	0.459	W	10	G		0.3	8	PYRENEES. ML 2.4 (LDG).
	27	23 05 52.3%	47.509	N	0.416	W	10	G		0.9	9	FRANCE. ML 2.3 (LDG).
	27	23 15 04.3%	39.029	S	178.240	E	95	*		1.1	28	OFF E. COAST OF N. ISLAND, N.Z.
	28	00 03 18.5?	37.00	N	27.56	E	10	G		1.4	4	DODECANESE ISLANDS. ML 3.7 (CSS).
	28	00 53 47.8	36.008	N	28.550	E	53	*	3.8	0.9	24	DODECANESE ISLANDS. MD 4.2 (ATH).
	28	01 35 56.2	41.927	N	20.305	E	10	G		0.9	14	ALBANIA. ML 2.7 (TIR), 2.7 (TTG).
	28	02 00 06.7	40.461	N	28.996	E	10	G		0.8	9	TURKEY
	28	02 01 14.0?	34.21	S	70.51	W	100	G		0.1	7	CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
	28	02 07 24.5	39.663	N	25.371	E	5			0.7	17	AEGEAN SEA. ML 3.6 (ATH).
	28	02 13 34.8	39.593	N	25.383	E	15		4.2	1.2	147	AEGEAN SEA. ML 4.3 (ATH), 4.0 (TTG).
	28	02 17 58.8%	42.800	N	12.922	E	10	G		0.8	8	CENTRAL ITALY
	28	02 18 53.8?	8.60	N	84.15	W	10	G		1.5	5	OFF COAST OF COSTA RICA
	28	02 33 45.8*	39.647	N	25.343	E	10	G		1.3	7	AEGEAN SEA. ML 3.2 (ATH).
	28	03 07 47.8%	38.988	N	29.730	E	10	G		0.5	5	TURKEY
	28	03 31 10.0*	36.036	N	21.221	E	42	*	3.8	1.1	19	SOUTHERN GREECE. ML 4.0 (ATH).
	28	04 06 02.0?	40.59	N	28.88	E	10	G		0.2	4	TURKEY
	28	04 11 50.5?	9.85	S	114.12	E	74	?	3.8	0.8	5	SOUTH OF BALI, INDONESIA
	28	05 03 16.9?	31.58	S	68.83	W	100	G		0.1	4	SAN JUAN PROVINCE, ARGENTINA
	28	05 24 02.9?	32.84	S	179.57	W	33	N	4.4	1.0	6	SOUTH OF KERMADEC ISLANDS
	28	05 37 13.0*	71.162	N	5.002	W	10	G	4.0	0.4	12	JAN MAYEN ISLAND REGION
	28	05 40 10.2*	13.838	S	167.043	E	82	*	4.7	0.9	44	VANUATU ISLANDS
	28	05 47 50.6	40.704	N	141.720	E	127		4.9	1.2	19	NEAR EAST COAST OF HONSHU, JAPAN
	28	05 54 41.0&	34.200	N	116.437	W	0				17	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.3 (PAS). ML 3.4 (GS).
	28	06 03 49.5%	38.363	N	15.819	E	10	G		0.5	12	SICILY
o	28	06 10 03.4	54.241	N	160.869	E	33	N	5.2 5.0	0.9	168	NEAR EAST COAST OF KAMCHATKA
	28	06 38 14.3%	10.705	N	69.120	W	10	G		1.2	8	VENEZUELA
	28	06 41 00.1?	16.64	S	172.70	W	33	N	4.9	1.0	10	SAMOA ISLANDS REGION
	28	06 44 02.2*	28.630	S	179.166	W	431	*	4.7	1.1	23	KERMADEC ISLANDS REGION
o	28	06 52 27.6	5.963	S	154.401	E	76		5.1	1.0	69	SOLOMON ISLANDS
	28	07 20 50.1?	42.61	N	12.34	E	10	G		0.1	4	CENTRAL ITALY
	28	07 37 29.5*	46.560	N	15.367	E	10	G		1.0	8	NORTHWESTERN BALKAN REGION. ML 2.4 (VIE), 2.5 (ZAG). MD 2.7 (LJU). Felt (IV) along the Austria-Slovenia border.
	28	07 57 34.9?	39.12	N	27.62	E	10	G		0.5	4	TURKEY
	28	08 23 27.6%	37.864	N	27.890	E	10	G		0.6	7	TURKEY
	28	08 44 53.6?	31.10	N	141.78	E	33	N	4.3	1.1	5	SOUTH OF HONSHU, JAPAN
	28	08 54 59.6?	6.42	S	129.97	E	145	?	4.9	0.9	6	BANDA SEA
	28	09 42 30.5&	34.195	N	116.439	W	0				12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 2.9 (GS).
	28	10 13 09.1?	4.02	S	133.97	E	33	N	4.3	1.4	6	IRIAN JAYA REGION, INDONESIA
	28	10 20 26.9%	43.314	N	18.059	E	10	G		1.0	10	NORTHWESTERN BALKAN REGION. ML 2.6 (TTG).
	28	10 32 20.8*	37.779	N	27.875	E	10	G		0.5	7	TURKEY
	28	11 51 37.1%	42.386	N	13.099	E	10	G		0.4	7	CENTRAL ITALY
	28	11 55 21.3*	15.360	S	167.493	E	142	*	5.1	1.0	32	VANUATU ISLANDS
f	28	11 57 34.1&	34.201	N	116.436	W	1		6.2 7.6		523	SOUTHERN CALIFORNIA. <PAS-P>. Ma=2.0*10**20 Nm (PPT). One person was killed at Yucca Valley, two people died of heart attacks, more than 400 people were injured and substantial damage occurred in the Landers-Yucca Valley area. Maximum intensity IX. Preliminary estimate of damage for this earthquake plus the following magnitude 6.7 event at 1505 UTC is 92 million U.S. dollars. Felt throughout southern California, southern Nevada, western Arizona and southern Utah. Felt in high-rise buildings as far north as Boise, Idaho and as far east as Albuquerque, New Mexico and Denver, Colorado. Surface faulting observed along a 70-kilometer segment from Joshua Tree to near Barstow with as much as 5.5 meters of horizontal displacement and as much as 1.8 meters of vertical displacement. Seiches were reported as far north as Lake Union, Washington and as far east as Aurora, Colorado and Corpus Christi, Texas.
	28	12 23 28.1*	62.057	N	4.480	E	10	G		1.3	12	NORWEGIAN SEA. ML 3.2 (BGS). MD 2.8 (BER). Felt (IV) west of Maolay, Norway.
	28	12 34 00.3&	38.341	N	118.354	W	3				10	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 4.1 (GM).
	28	12 36 40.6&	34.139	N	116.431	W	10		5.0		82	SOUTHERN CALIFORNIA. <PAS-P>. MD 5.1 (PAS).
	28	12 40 53.5&	34.341	N	116.529	W	6	G	4.8		55	SOUTHERN CALIFORNIA. <PAS-P>. MD 5.2 (PAS).
	28	12 57 30.7*	34.237	N	116.811	W	10	G	3.3	1.4	7	SOUTHERN CALIFORNIA. MD 4.0 (PAS).
	28	13 10 50.5&	34.414	N	116.461	W	11		4.6		39	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.8 (PAS).
	28	13 26 05.1&	34.162	N	116.405	W	6	G	4.7		47	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.9 (PAS).
	28	13 28 23.6*	36.419	N	116.780	W	10	G	4.3	1.4	11	CALIFORNIA-NEVADA BORDER REGION. Felt at Furnace Creek, California and Beatty, Nevada.
	28	13 42 23.8&	37.731	N	113.178	W	2				3	UTAH. <SLC-P>. MD 2.6 (SLC). Felt at Cedar City.
	28	13 43 00.3?	35.35	N	143.15	E	33	N	4.2	0.8	5	OFF EAST COAST OF HONSHU, JAPAN
	28	13 48 35.0&	37.733	N	113.177	W	4				4	UTAH. <SLC-P>. MD 2.7 (SLC).
	28	13 50 45.7&	34.111	N	116.410	W	0		4.6		37	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.9 (PAS).

	28	14 09 28 8&	34.111	N	116.646	W	8					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.1 (PAS), 4.0 (GS).
	28	14 29 01.9&	34.612	N	116.646	W	0					16	SOUTHERN CALIFORNIA. <PAS-P>. ML 3 8 (PAS), 3.8 (GS).
	28	14 39 06.9&	34.089	N	116.426	W	0					15	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.3 (PAS), 4.1 (GS).
	28	14 43 21 0&	34.163	N	116.855	W	6	G	5.5	5.4		180	SOUTHERN CALIFORNIA. <PAS-P>. MD 5.3 (PAS). Felt in Imperial, Los Angeles, Orange, Riverside, San Bernordino, San Diego and Ventura Counties.
	28	15 04 51.4&	34.163	N	116.827	W	12		4.3			24	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.4 (PAS).
a	28	15 05 30.7&	34.203	N	116.827	W	5	G	6.3	6.7		464	SOUTHERN CALIFORNIA. <PAS-P>. Mo=2.0•10••19 Nm (PPT). Some people injured, substantial damage and landslides in the Big Bear Lake and Big Bear City areas. Maximum intensity VIII. Felt throughout much of southern California and in parts of southern Nevada and western Arizona.
	28	15 18 17.0?	37.22	N	72.77	E	33	N	4.0		1.6	8	TAJIKISTAN
	28	15 24 29.3&	34.211	N	116.760	W	6	G	4.9			19	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.5 (PAS). Multiple event. Felt at Riverside.
	28	15 29 36.6%	44.307	N	6.041	E	10	G			0.4	6	FRANCE. ML 1.9 (LDG).
	28	16 01 15.1&	34.030	N	116.379	W	2					13	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.1 (PAS), 4.1 (GS).
	28	16 08 05.0•	44.425	S	37.782	E	10	G	4.7		1.2	25	PRINCE EDWARD ISLANDS REGION
	28	16 09 53.8&	34.057	N	116.371	W	4					6	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.1 (PAS).
	28	16 17 19.1&	34.207	N	116.757	W	4					13	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.2 (PAS), 4.0 (GS).
	28	16 19 24.3•	44.441	S	37.691	E	10	G	4.8		1.3	28	PRINCE EDWARD ISLANDS REGION
	28	16 32 10.1&	34.595	N	116.622	W	0					19	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.4 (PAS).
	28	17 01 31.9&	34.178	N	116.922	W	14		5.0			98	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.7 (PAS). Felt at Riverside.
	28	17 03 09.4?	43.13	N	9.48	W	10	G			0.8	4	SPAIN. mbLg 3.4 (MDD).
	28	17 05 57.5&	34.256	N	116.912	W	9		4.6			42	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.6 (PAS). Felt at Riverside.
	28	17 16 35.2&	35.747	N	116.526	W	6	G				17	CENTRAL CALIFORNIA. <PAS-P>. ML 3.9 (PAS).
	28	17 31 21.5&	34.294	N	116.453	W	7					14	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.1 (PAS), 3.8 (GS).
	28	17 32 30.2&	34.199	N	116.819	W	2					7	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.9 (PAS).
	28	17 39 40.3	37.686	S	176.920	E	28				0.8	21	NORTH ISLAND, NEW ZEALAND. ML 3.9 (WEL). Felt (V) at Otomorakau.
	28	17 40 19.7•	23.694	S	179.857	W	547	•	4.8		1.1	24	SOUTH OF FIJI ISLANDS
	28	18 43 57.6&	34.034	N	116.378	W	3					9	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.3 (PAS). ML 3.4 (GS).
	28	18 55 02.3&	34.227	N	116.868	W	3					5	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS).
	28	19 00 26.2&	34.254	N	116.746	W	0					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.7 (PAS), 3.8 (GS).
	28	19 11 17.2&	34.153	N	116.460	W	5					12	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.3 (PAS).
	28	19 13 06.9&	34.092	N	116.393	W	3					8	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.6 (PAS), 3.7 (GS).
	28	19 19 09.4&	34.296	N	116.844	W	2					10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.6 (PAS), 3.5 (GS).
	28	19 26 37.5&	34.183	N	116.802	W	1					14	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.0 (PAS), 4.0 (GS).
	28	19 32 39.0%	40.446	N	28.996	E	10	G			0.3	5	TURKEY
	28	19 42 14.4&	34.188	N	116.440	W	2					10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.7 (PAS), 3.7 (GS).
	28	20 23 18.4&	34.124	N	116.425	W	2					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.6 (PAS), 3.5 (GS).
	28	20 46 38.0	31.067	N	142.486	E	39	D	4.8	4.3	1.0	50	SOUTH OF HONSHU, JAPAN
	28	20 51 31.9&	34.205	N	116.778	W	11					13	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.9 (PAS), 3.9 (GS).
	28	20 56 57.9	62.389	N	6.680	E	10	G			0.3	8	SOUTHERN NORWAY. MD 2.4 (BER). Felt (IV) east of Alesund.
	28	20 58 43.1	51.464	N	174.719	W	33	N	5.0	4.5	0.8	96	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.9 (PMR).
	28	21 01 55.1•	40.804	N	72.587	E	33	N	4.5		1.3	11	KYRGYZSTAN
	28	21 13 16.4&	34.095	N	116.427	W	4		4.3			28	SOUTHERN CALIFORNIA. <PAS-P>. MD 4.6 (PAS).
	28	21 30 32.6&	62.001	N	150.760	W	56					60	CENTRAL ALASKA. <AEIC>. ML 2.9 (AEIC), 3.0 (PMR).
	28	22 03 11.7%	42.554	N	13.005	E	10	G			0.8	7	CENTRAL ITALY
	28	22 03 23.3&	34.243	N	116.785	W	4					12	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.2 (PAS). ML 3.3 (GS).
	28	22 13 12.0&	34.058	N	116.355	W	7					13	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.0 (PAS), 3.8 (GS).
	28	22 42 20.6?	15.23	N	61.18	W	120	G			0.2	6	LEEWARD ISLANDS
	28	22 48 22.8&	34.152	N	116.468	W	11					14	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.1 (PAS), 4.2 (GS).
	28	22 58 04.8?	34.56	S	70.99	W	90	G			0.1	7	CHILE-ARGENTINA BORDER REGION
	28	23 18 33.2	49.373	N	20.520	E	8				0.8	9	POLAND. ML 4.0 (WAR). Felt at Bardejav, Cigelka and Gaboltov, Czechaslavakia.
	28	23 27 07.9	52.189	N	174.175	E	42		5.0		0.9	182	NEAR ISLANDS, ALEUTIAN ISLANDS. ML 4.7 (PMR). Felt on Shemya.
	28	23 28 24.0%	33.524	S	70.532	W	80	G			0.3	7	CHILE-ARGENTINA BORDER REGION
	28	23 48 23.3•	52.717	N	176.201	W	33	N	4.2		0.5	14	ANDREANOF ISLANDS, ALEUTIAN IS.
	29	00 02 30.4?	42.49	N	8.16	W	10	G			0.0	4	SPAIN. mbLg 2.7 (MDD).
a	29	00 07 05.2	10.666	S	161.440	E	59	•	5.5	5.3	1.0	141	SOLOMON ISLANDS. Felt (IV) at Haniara.
	29	00 29 45.1•	49.485	N	21.415	E	10	G			1.0	14	POLAND. ML 4.2 (WAR), 3.7 (BRA). Felt at Krynica Gorska. Also felt at Bardejav, Cigelka, Fricka, Hrabske, Kurav, Lukav and Petrova, Czechaslavakia.
	29	00 34 51.1?	49.47	N	21.68	E	10	G			1.4	9	POLAND. ML 3.6 (WAR), 3.2 (BRA). Felt at Krynica Gorska. Also felt at Bardejav, Czechaslavakia.
	29	01 12 56.5&	37.733	N	113.173	W	3					13	UTAH. <SLC-P>. ML 3.8 (SLC), 3.2 (GS). Felt at Cedar City.
	29	01 18 13.4&	35.160	N	117.362	W	4		4.5			23	CENTRAL CALIFORNIA. <PAS-P>. MD 4.7 (PAS).
	29	01 23 36.4&	37.735	N	113.171	W	2					2	UTAH. <SLC-P>. MD 2.5 (SLC). Felt at Cedar City.
	29	01 25 14.7&	37.737	N	113.171	W	3					1	UTAH. <SLC-P>. MD 3.0 (SLC). Felt at Cedar City.
	29	01 26 15.5&	35.161	N	117.350	W	6	G				10	CENTRAL CALIFORNIA. <PAS-P>. ML 4.1 (PAS), 3.7 (GS).
	29	01 54 06.0&	37.715	N	113.179	W	4					6	UTAH. <SLC-P>. MD 2.3 (SLC).
	29	01 58 08.8&	34.488	N	116.540	W	6					11	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.1 (GS).
	29	01 59 06.0&	37.736	N	113.171	W	1		3.6			11	UTAH. <SLC-P>. ML 4.1 (SLC), 3.5 (GS). Felt at Cedar City.
	29	02 00 20.8?	19.03	N	64.98	W	10	G			0.5	7	VIRGIN ISLANDS
	29	02 07 35.1&	37.774	N	113.222	W	8					1	UTAH. <SLC-P>. MD 3.0 (SLC).
a	29	02 25 06.6	11.770	N	87.507	W	57		4.8		1.4	111	NEAR COAST OF NICARAGUA
	29	02 47 30.0?	34.38	S	70.73	W	90	G			0.1	7	CHILE-ARGENTINA BORDER REGION
	29	02 51 24.1&	34.237	N	116.448	W	6	G				9	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.4 (PAS). ML 3.3 (GS).
	29	02 54 03.3	24.930	S	68.187	W	113	D	5.0		1.1	40	CHILE-ARGENTINA BORDER REGION
	29	03 01 56.3&	34.239	N	116.443	W	8		3.8			21	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.4 (PAS), 4.1 (GS).
	29	03 05 10.5	49.497	N	7.872	W	10	G			1.0	27	NORTH ATLANTIC OCEAN. ML 3.2 (BGS), 3.1 (LDG).
	29	03 19 47.7	34.509	N	116.515	W	5	G			0.6	9	SOUTHERN CALIFORNIA. ML 3.1 (GS). MD 3.2 (PAS).

	29	03	36	26.7&	35.362	N	116.800	W	11				15	CENTRAL CALIFORNIA. <PAS-P>. ML 4.0 (PAS), 3.7 (GS). Felt at Barstow
	29	04	12	19.2	34.091	N	116.773	W	5	G		1 3	7	SOUTHERN CALIFORNIA. ML 3.0 (GS). MD 2.9 (PAS).
	29	04	16	42.6&	35.017	N	117.203	W	4				15	CENTRAL CALIFORNIA. <PAS-P>. MD 4.0 (PAS). ML 4.2 (GS).
	29	04	34	26.7&	34.193	N	116.420	W	6				15	SOUTHERN CALIFORNIA. <PAS-P> ML 3.8 (PAS), 4.0 (GS).
o	29	04	35	35.9	7.289	N	126.994	E	41	D	5.0 4.6	1.2	67	MINDANAO, PHILIPPINE ISLANDS
	29	04	36	54.0&	34.613	N	116.643	W	0				11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.4 (GS).
	29	05	25	52.2	6.403	S	104.727	E	57	D	4.8	1.2	36	SUNDA STRAIT
	29	05	37	45.9&	37.576	N	118.829	W	12				13	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.7 (GM). ML 3.3 (GS). Felt (III) at Big Creek and Mono Hot Springs, California. Also felt at Bishop and Mammoth Lakes, California.
	29	05	47	15.0	41.569	N	141.225	E	105		4.9	1.1	96	HOKKAIDO, JAPAN REGION. Felt at Misawa, Honshu.
	29	05	51	07.6	43.420	N	5.470	E	10	G		0.6	B	NEAR SOUTH COAST OF FRANCE. ML 2.6 (STR).
	29	06	00	10.6*	6.419	S	130.566	E	B9	?	4.9	0.7	11	BANDA SEA
	29	06	02	00.5	34.134	N	116.419	W	5	G		0.7	8	SOUTHERN CALIFORNIA. ML 2.8 (GS). MD 3.0 (PAS).
	29	06	44	53.1	34.802	N	116.600	W	5	G		0.7	10	SOUTHERN CALIFORNIA. ML 3.1 (GS). MD 3.2 (PAS).
	29	07	06	36.5?	33.26	S	70.60	W	80	G		0.7	7	CHILE-ARGENTINA BORDER REGION
	29	07	15	44.4%	42.622	N	13.162	E	10	G		0.8	7	CENTRAL ITALY
o	29	07	37	05.6	30.980	N	141.359	E	40	D	5.2 4.9	1.1	138	SOUTH OF HONSHU, JAPAN
	29	07	50	58.5&	34.521	N	116.546	W	0				12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (GS).
	29	07	52	14.5&	34.623	N	116.675	W	0				7	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.6 (PAS), 3.3 (GS).
	29	07	56	32.0%	43.301	N	18.783	E	10	G		0.4	9	NORTHWESTERN BALKAN REGION. ML 1.7 (TTG).
	29	07	58	31.0&	37.638	N	118.985	W	7				11	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.4 (GM).
	29	08	04	27.9&	34.110	N	116.384	W	1				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 2.9 (GS).
	29	09	09	55.1&	34.578	N	116.525	W	0				12	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.2 (PAS). ML 3.3 (GS).
	29	09	15	29.0*	9.280	N	70.384	W	16	*		0.9	8	VENEZUELA
	29	09	20	20.3&	34.377	N	116.460	W	2				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 2.7 (GS).
	29	09	32	48.2?	39.41	S	71.40	W	33	N		0.8	10	S. CHILE-ARGENTINA BORDER REGION
	29	09	42	33.0	43.992	N	6.105	E	10	G		1.3	8	NEAR SOUTH COAST OF FRANCE. ML 2.4 (LDG).
	29	10	02	38.5&	34.981	N	116.939	W	3		3.3		11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (GS).
	29	10	06	38.5%	42.641	N	13.230	E	5	G		0.6	6	CENTRAL ITALY
o	29	10	14	22.2	36.705	N	116.293	W	9		5.6 5.4	0.9	262	CALIFORNIA-NEVADA BORDER REGION. Mo=2.5*10**17 Nm (PPT). Department of Energy buildings at the Nevada Test Site sustained considerable damage. Minor damage occurred at Beatty, Amargosa Valley and Mercury, Nevada. Felt at Las Vegas, Nevada.
	29	10	22	49.5&	34.080	N	116.389	W	1				2	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.7 (PAS).
	29	10	31	02.4	36.686	N	116.238	W	5	G	4.3	1.0	2B	CALIFORNIA-NEVADA BORDER REGION
	29	10	33	07.1?	43.93	N	6.34	E	10	G		0.4	4	NEAR SOUTH COAST OF FRANCE. ML 2.2 (LDG).
	29	10	36	57.7*	34.157	N	116.373	W	5	G		0.7	5	SOUTHERN CALIFORNIA. ML 4.0 (GS).
	29	10	37	52.7	5.008	S	100.800	W	10	G	5.4 4.9	0.9	67	CENTRAL EAST PACIFIC RISE
	29	10	40	49.8*	36.756	N	116.236	W	10	G	3.8	1.4	11	CALIFORNIA-NEVADA BORDER REGION. ML 3.8 (GS).
	29	10	45	09.1?	51.60	N	16.47	E	10	G		1.0	4	POLAND
	29	10	48	03.5	34.383	N	116.526	W	5	G		1.7	6	SOUTHERN CALIFORNIA. ML 3.8 (GS).
	29	11	13	18.0&	34.257	N	116.707	W	6	G			15	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.7 (PAS). ML 4.1 (GS).
	29	11	35	19.2	34.183	N	116.404	W	5	G		0.7	10	SOUTHERN CALIFORNIA. ML 3.8 (GS).
	29	11	44	49.0&	34.180	N	116.785	W	6	G	3.8		27	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.7 (PAS).
	29	12	09	55.6*	53.094	S	139.911	E	10	G	4.6	1.1	16	WEST OF MACQUARIE ISLAND
	29	12	56	35.2*	1.126	N	126.205	E	63	*	4.7	1.3	16	NORTHERN MOLUCCA SEA
	29	13	01	22.3	34.031	N	117.144	W	5	G		0.8	12	SOUTHERN CALIFORNIA. ML 3.6 (GS). MD 3.3 (PAS).
	29	13	04	41.4	34.098	N	116.937	W	5	G		1.1	7	SOUTHERN CALIFORNIA. MD 3.0 (PAS).
	29	13	08	32.2&	34.058	N	116.356	W	4				6	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.8 (PAS).
	29	13	20	03.1&	34.634	N	116.494	W	0				14	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.8 (PAS), 4.0 (GS).
	29	13	49	21.0*	28.336	S	62.907	E	10	G	5.0 5.2	1.0	35	SOUTHWEST INDIAN RIDGE
	29	14	08	37.7&	34.106	N	116.402	W	11		4.9		92	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.9 (PAS). Felt at San Bernardino and San Diego.
o	29	14	13	38.7&	34.108	N	116.404	W	10		5.2 4.9		127	SOUTHERN CALIFORNIA. <PAS-P>. ML 5.4 (PAS). Felt (IV) at George Air Force Base and Camp Pendleton. Also felt at March Air Force Base, San Bernardino and San Diego.
	29	14	41	26.0&	34.120	N	116.998	W	5		4.5		36	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.4 (PAS). Felt at San Bernardino.
	29	14	54	06.8&	34.103	N	116.418	W	4				13	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.8 (PAS), 3.9 (GS).
	29	14	59	08.9?	13.08	N	60.46	W	100	G		0.5	9	WINDWARD ISLANDS. MD 3.2 (TRN).
	29	15	18	43.1&	34.220	N	116.751	W	1				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.6 (PAS), 3.6 (GS).
	29	15	36	14.9	44.324	N	10.953	E	10	G		0.9	24	NORTHERN ITALY. MD 3.0 (FIR). ML 3.0 (LDG).
	29	15	37	35.3	34.537	N	116.500	W	5	G		0.4	6	SOUTHERN CALIFORNIA. ML 3.1 (GS). MD 3.1 (PAS).
	29	15	46	55.8	34.146	N	116.350	W	5	G		0.5	9	SOUTHERN CALIFORNIA. ML 3.2 (GS). MD 3.3 (PAS).
	29	15	48	37.8?	31.75	S	68.66	W	33	N		1.4	5	SAN JUAN PROVINCE, ARGENTINA
	29	15	54	26.2	51.638	N	16.179	E	10	G		0.7	13	POLAND. ML 3.7 (GRF), 3.7 (VIE).
o	29	16	01	42.7&	33.876	N	116.267	W	2		4.8		79	SOUTHERN CALIFORNIA. <PAS-P>. ML 5.2 (PAS). Felt at San Diego.
o	29	16	04	13.6	27.799	N	139.455	E	555	D	5.4	0.9	225	BONIN ISLANDS REGION
	29	16	12	00.4?	27.22	N	59.70	E	33	N	4.9 4.9	1.0	7	SOUTHERN IRAN
	29	16	25	28.9*	34.178	N	116.469	W	5	G		0.7	8	SOUTHERN CALIFORNIA. ML 3.6 (GS). MD 3.7 (PAS). Multiple event.
	29	16	41	41.9&	34.250	N	116.719	W	2		4.2		41	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.9 (PAS).
	29	17	08	24.4*	34.337	N	32.941	E	32	*		1.0	11	CYPRUS REGION. ML 3.5 (CSS).
	29	18	20	14.1	60.549	N	4.892	E	10	G		0.4	8	SOUTHERN NORWAY. MD 1.6 (BER). ML 1.6 (NAO).
	29	18	23	29.5&	40.446	N	125.360	W	5				3	OFF COAST OF NORTHERN CALIFORNIA. <GM-P>. MD 3.2 (GM).
	29	18	24	40.1	34.665	N	116.726	W	5	G		0.8	10	SOUTHERN CALIFORNIA. ML 2.8 (GS). MD 3.0 (PAS).
	29	19	43	21.9	36.699	N	28.310	E	74		4.0	0.9	50	DODECANESE ISLANDS. MD 4.2 (HLW), 4.1 (ATH).
	29	20	07	35.4&	33.889	N	116.290	W	3				16	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.6 (PAS). ML 3.9 (GS).
	29	20	09	53.2*	6.709	S	146.927	E	10	G	3.8	1.0	5	EASTERN NEW GUINEA REG., P.N.G.
	29	20	21	57.8*	34.169	N	116.454	W	5	G		0.7	7	SOUTHERN CALIFORNIA. ML 3.2 (GS). MD 3.1 (PAS).
	29	20	42	24.0&	34.450	N	116.523	W	9				11	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.3 (PAS). ML 3.3 (GS).
	29	20	44	25.4&	34.659	N	116.701	W	0				12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.9 (PAS), 3.8 (GS).
	29	20	46	15.4*	52.338	S	139.604	E	10	G	4.5	0.7	13	WEST OF MACQUARIE ISLAND
	29	21	29	34.5	44.766	N	10.062	E	10	G		1.2	12	NORTHERN ITALY. ML 2.4 (LDG).

	29	21	32	40.7•	21.476	S	70.119	W	96	•	4	5	1	2	10	NEAR COAST OF NORTHERN CHILE
	29	21	49	37.7&	41.046	N	121.608	W	16						7	NORTHERN CALIFORNIA <GM-P> MD 3.2 (GM).
	29	22	52	16.0&	34.161	N	118.168	W	3						33	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.9 (PAS), 3.7 (GS). Felt in the Pasadena area.
	29	23	13	28.1&	34 303	N	116.443	W	3						10	SOUTHERN CALIFORNIA. <PAS-P> MD 3.1 (PAS). ML 3.0 (GS).
	29	23	14	14.9	47.136	N	9.435	E	10	G			1.3		12	GERMANY. ML 2.4 (LDG), 2.3 (VIE), 2.1 (FUR).
	29	23	44	05.7	34.244	N	116.316	W	5	G			0.7		9	SOUTHERN CALIFORNIA. ML 3.3 (GS). Multiple event.
	29	23	45	32.7?	43 53	N	5.72	E	10	G			1.0		8	NEAR SOUTH COAST OF FRANCE
	29	23	47	41.4	59.503	N	5.658	E	10	G			0.5		6	SOUTHERN NORWAY ML 1.4 (NAO). MD 1.8 (BER)
	30	00	03	59.5?	9.27	N	82.77	W	33	N			0.6		6	PANAMA-COSTA RICA BORDER REGION
	30	00	06	08.5&	34.127	N	116.397	W	3						19	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.3 (PAS), 4.0 (GS).
	30	00	19	42.8?	34.08	N	116.37	W	5	G			0.1		5	SOUTHERN CALIFORNIA. ML 3.2 (GS). MD 3.1 (PAS).
	30	00	23	54.5	34.230	N	116.508	W	5	G			0.5		10	SOUTHERN CALIFORNIA. ML 3.6 (GS). MD 3.3 (PAS).
	30	00	29	49.1•	6.579	S	147.641	E	55	•	4.5		0.9		7	EASTERN NEW GUINEA REG., P.N.G.
	30	00	40	03.7	34.181	N	116.812	W	5	G			0.5		6	SOUTHERN CALIFORNIA. ML 2.6 (GS). MD 2.8 (PAS).
	30	00	49	43.6	33.971	N	116.286	W	5	G			0.9		14	SOUTHERN CALIFORNIA. ML 3.6 (GS). MD 3.6 (PAS).
	30	01	25	49.3&	35.261	N	96.421	W	5	G					7	OKLAHOMA. <TUL>. MD 2.7 (TUL). Felt (II) in Seminole County.
	30	02	03	34.0%	40.694	N	15.162	E	10	G			0.9		8	SOUTHERN ITALY
	30	02	32	12.2&	35.165	N	117.352	W	5						13	CENTRAL CALIFORNIA. <PAS-P>. ML 3.3 (GS).
	30	02	32	13.9?	6.98	N	72.76	W	149	•	4.1		1.1		9	NORTHERN COLOMBIA
	30	02	34	11.0?	31.87	S	72.01	W	33	N			0.5		9	OFF COAST OF CENTRAL CHILE
	30	03	07	39.2?	19.50	N	66.39	W	10	G			0.3		6	PUERTO RICO REGION
	30	03	12	04.0&	63.097	N	150.969	W	133						55	CENTRAL ALASKA. <AEIC>.
	30	03	13	27.4?	31.64	S	69.45	W	120	G			0.1		5	SAN JUAN PROVINCE, ARGENTINA
	30	03	17	34.9?	34.55	S	71.00	W	90	G			0.2		7	CHILE-ARGENTINA BORDER REGION
	30	03	43	07.5	35.119	N	30.526	E	52		4.1		1.0		41	EASTERN MEDITERRANEAN SEA. MD 4.0 (HLW).
	30	04	08	47.0	34.216	N	116.617	W	5	G			1.0		12	SOUTHERN CALIFORNIA. ML 3.3 (GS). MD 3.2 (PAS).
	30	04	28	06.4&	34.997	N	116.951	W	0						13	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.6 (PAS), 3.5 (GS).
	30	04	49	54.3•	47.911	N	152.811	E	33	N	4.4		1.3		28	KURIL ISLANDS
	30	05	07	46.8?	39.06	N	26.18	E	5	G			0.6		5	TURKEY
	30	05	12	06.1•	61.953	N	4.947	E	10	G			0.9		8	SOUTHERN NORWAY. MD 2.4 (BER). ML 1.9 (NAO).
	30	05	18	38.8&	34.274	N	116.791	W	2						15	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.7 (PAS), 3.5 (GS).
	30	05	33	48.0&	34.221	N	116.746	W	2						14	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.7 (PAS), 3.5 (GS).
	30	05	39	14.6	35.513	N	117.426	W	5	G			0.8		8	CENTRAL CALIFORNIA. ML 3.0 (GS). MD 3.1 (PAS).
	30	05	45	57.5	39.900	N	19.692	E	10	G	3.5		1.2		16	GREECE-ALBANIA BORDER REGION. MD 3.3 (ATH). ML 2.9 (TIR).
	30	05	48	46.2&	58.450	N	153.945	W	91						34	KODIAK ISLAND REGION. <AEIC>.
	30	05	55	10.8	34.156	N	116.412	W	5	G			0.6		12	SOUTHERN CALIFORNIA. ML 3.3 (GS). MD 3.2 (PAS).
	30	06	44	07.2%	43.262	N	18.904	E	10	G			0.3		9	NORTHWESTERN BALKAN REGION. ML 1.7 (TTG).
	30	07	36	27.2	34.174	N	116.430	W	5	G			0.7		12	SOUTHERN CALIFORNIA. ML 3.3 (GS). MD 3.2 (PAS).
	30	07	39	14.6&	34.217	N	116.771	W	3						11	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.6 (PAS). ML 3.6 (GS).
	30	08	10	19.7?	31.43	S	69.50	W	120	G			0.2		5	SAN JUAN PROVINCE, ARGENTINA
	30	08	57	44.2&	34.570	N	116.413	W	6	G					11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.3 (GS).
	30	09	13	04.1•	17.205	N	94.256	W	173	•	3.8		1.3		14	CHIAPAS, MEXICO
	30	09	25	57.8?	43.28	N	11.42	E	10	G			1.2		4	CENTRAL ITALY
	30	10	04	24.6•	11.582	S	165.146	E	70	?	4.9	4.5	1.4		30	SANTA CRUZ ISLANDS
	30	10	06	53.8?	31.66	S	71.33	W	70	G			0.5		10	NEAR COAST OF CENTRAL CHILE
	30	10	37	15.0	41.903	N	20.537	E	10	G			1.0		46	ALBANIA. ML 4.3 (SKO), 3.6 (TTG). Felt (IV) in the Tetovo area, Yugoslavia.
	30	10	42	49.8	34.298	N	116.648	W	5	G			1.1		11	SOUTHERN CALIFORNIA. ML 3.3 (GS). MD 3.2 (PAS).
	30	11	30	29.2&	34.093	N	116.417	W	12						19	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.7 (PAS). ML 4.1 (GS).
	30	12	14	49.7&	34.087	N	116.417	W	12						18	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.5 (PAS). ML 4.0 (GS).
	30	12	22	45.8%	42.932	N	19.049	E	10	G			0.1		6	NORTHWESTERN BALKAN REGION. ML 1.3 (TTG).
	30	12	26	19.2&	34.024	N	116.353	W	1						13	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.3 (PAS). ML 3.5 (GS).
	30	12	31	24.3?	39.10	N	26.33	E	10	G			0.7		4	TURKEY
	30	12	34	54.5&	34.322	N	116.448	W	5						15	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.5 (PAS). ML 3.7 (GS).
	30	12	39	28.2%	40.401	S	173.340	E	194	•			0.5		20	COOK STRAIT, NEW ZEALAND
	30	13	05	36.4&	35.681	N	117.614	W	5		4.2				38	CENTRAL CALIFORNIA. <PAS-P>. ML 4.7 (PAS), 4.2 (GS). Felt (III) at Johannesburg.
	30	13	07	39.4	24.044	N	121.724	E	37	•	4.4		1.2		22	TAIWAN. ML 4.2 (BJI).
	30	13	11	33.9•	2.601	N	126.072	E	87	?	4.4		1.3		7	NORTHERN MOLUCCA SEA
	30	13	17	32.3?	57.60	N	6.14	E	10	G			0.5		6	NORTH SEA. MD 2.4 (BER).
	30	13	24	52.5	43.321	N	126.831	W	10	G	3.2		0.6		46	OFF COAST OF OREGON
	30	14	10	54.2	6.334	S	147.716	E	56	•	4.6	4.4	1.1		15	EASTERN NEW GUINEA REG., P.N.G.
a	30	14	38	11.5&	34.004	N	116.361	W	1		5.1	4.6			97	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.8 (PAS).
	30	14	41	19.8	29.087	S	67.980	W	145	•			0.9		18	LA RIDJA PROVINCE, ARGENTINA
	30	14	47	29.2?	34.08	N	116.25	W	5	G			0.2		6	SOUTHERN CALIFORNIA. ML 3.0 (GS). MD 3.1 (PAS).
	30	15	04	37.7•	60.966	N	11.500	E	10	G			0.4		7	SOUTHERN NORWAY. MD 2.8 (BER).
	30	15	12	59.0	40.672	N	19.187	E	10	G			0.7		9	ALBANIA. ML 2.7 (TIR).
	30	15	19	05.0&	34.171	N	116.409	W	0						16	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.0 (PAS), 3.8 (GS).
	30	15	19	05.8	37.654	S	176.892	E	14				1.1		12	NORTH ISLAND, NEW ZEALAND. ML 3.9 (WEL).
	30	15	20	08.2&	34.261	N	116.743	W	0						5	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.9 (PAS), 3.7 (GS).
	30	15	55	47.6	34.120	N	116.326	W	5	G			0.8		7	SOUTHERN CALIFORNIA. ML 3.0 (GS). MD 3.1 (PAS).
	30	15	57	55.7	47.523	N	0.226	W	10	G			0.4		6	FRANCE. ML 1.8 (LDG).
	30	16	06	24.0	36.720	N	116.256	W	5	G			0.6		10	CALIFORNIA-NEVADA BORDER REGION. ML 3.5 (GS).
	30	16	45	27.0	34.137	N	116.416	W	5	G			0.5		12	SOUTHERN CALIFORNIA. ML 3.5 (GS). MD 3.4 (PAS).
	30	17	12	50.9%	42.608	N	13.128	E	5	G			0.7		9	CENTRAL ITALY
	30	17	14	20.3	34.077	N	116.376	W	5	G			0.6		15	SOUTHERN CALIFORNIA. ML 3.9 (GS). MD 3.8 (PAS).
	30	17	26	29.6&	34.644	N	116.656	W	0						22	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.3 (PAS), 3.9 (GS).
	30	17	31	15.0	34.969	N	116.984	W	5	G			0.6		9	SOUTHERN CALIFORNIA. ML 3.1 (GS). MD 3.1 (PAS).
	30	17	45	51.2•	48.800	N	10.403	E	10	G			1.2		5	GERMANY. ML 2.7 (LDG), 2.4 (GRF), 2.4 (FUR).
	30	17	48	44.9	34.334	N	116.480	W	5	G			0.9		11	SOUTHERN CALIFORNIA. ML 3.4 (GS). MD 3.4 (PAS).
	30	18	24	02.5	34.562	N	116.613	W	5	G			0.6		10	SOUTHERN CALIFORNIA. ML 3.1 (GS).
	30	18	36	19.8•	40.125	N	78.726	E	33	N	4.0		0.9		9	SOUTHERN XINJIANG, CHINA
	30	18	37	38.2%	39.663	N	27.453	E	10	G			0.8		5	TURKEY
	30	19	01	18.5	34.501	N	116.532	W	5	G			0.4		11	SOUTHERN CALIFORNIA. ML 3.0 (GS). MD 3.3 (PAS).

30	19	22	35.1	32	532	N	140.387	E	131	4.9	1.1	99	SOUTH OF HONSHU, JAPAN
30	19	49	18 6&	62	979	N	150.805	W	107			31	CENTRAL ALASKA. <AEIC>.
30	20	00	25.4&	34	643	N	116.653	W	0			21	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.3 (PAS), 4.0 (GS)
30	20	05	06 2	34	004	N	116.405	W	5 G		0 6	14	SOUTHERN CALIFORNIA. ML 3.8 (GS) MD 3.9 (PAS).
30	20	17	30.8	34	215	N	116.699	W	5 G		1.1	10	SOUTHERN CALIFORNIA. ML 3.2 (GS). MD 3.1 (PAS).
30	20	20	45 8	44	899	N	6.800	E	10 G		1.0	15	FRANCE. ML 1.8 (GEN).
30	20	20	54.9	44	883	N	6.812	E	5 G		0.5	37	FRANCE. ML 2.8 (GEN), 2.8 (LDG).
30	20	22	06.5	38	185	N	30.084	E	10 G		0.7	9	TURKEY. MG 4.1 (DDA). Felt at Isparta.
30	21	22	54.4&	34	130	N	116.734	W	13	4.5 4.0		41	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.8 (PAS). Felt (III) at El Toro Marine Corps Air Station and (II) at Morch Air Force Base. Also felt at Riverside.
30	21	24	59.4&	34	132	N	116.732	W	11			5	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS).
30	21	29	13.4*	34	407	N	116.461	W	5 G		0.6	6	SOUTHERN CALIFORNIA. ML 3.2 (GS). MD 3.3 (PAS).
30	21	49	00.2&	34	085	N	116.989	W	4	4.1 3.9		35	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.4 (PAS).
30	21	55	14.3?	3	44	S	143.05	E	43 ?	4.3	0.4	6	NEAR N COAST OF NEW GUINEA, PNG.
30	22	09	48.7	34	100	N	116.921	W	5 G		0.6	7	SOUTHERN CALIFORNIA. ML 3.1 (GS). Multiple event.
30	22	54	32.9&	34	137	N	116.851	W	13			8	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.1 (GS).
30	23	02	08.4*	28	611	N	52.584	E	33 N	4.0	1.3	5	SOUTHERN IRAN
30	23	21	55.7	34	923	N	117.028	W	5 G		0.9	9	SOUTHERN CALIFORNIA. ML 2.7 (GS). MD 3.0 (PAS).
30	23	27	04.2%	40	572	N	27.566	E	10 G		0.3	5	TURKEY
30	23	42	00.8&	62	788	N	148.932	W	17			39	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC).
30	23	52	51.1	34	055	N.	116.331	W	5 G		0.6	10	SOUTHERN CALIFORNIA. ML 3.0 (GS). MD 3.1 (PAS).

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 01 47 15.79 17.319S 70.496W 81km
4.8mb (27 obs.)
NEAR COAST OF PERU
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 16C
Centroid Location:
Origin Time 01:47:18.8 1.2
Lat 17.77S 0.13 Lon 70.28W 0.09
Dep 95.2 5.5 Half-duration 1.2
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	2.72	7	92
N	1.46	21	0
P	-4.18	68	199

Best Double Couple:Mo=3.5*10**16
NP1:Strike=204 Dip=42 Slip= -58
NP2: 345 55 -116

01 06 04 14.09 10.975S 165.183E 12km
5.5mb (37 obs.) 4.9Msz (18 obs.)
SANTA CRUZ ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 23S, 36C
Centroid Location:
Origin Time 06:04:17.9 0.9
Lat 11.18S 0.10 Lon 165.08E 0.09
Dep 15.0 FIX Half-duration 1.6
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	7.94	2	92
N	0.69	47	0
P	-8.64	43	184

Best Double Couple:Mo=8.3*10**16
NP1:Strike=219 Dip=59 Slip= -32
NP2: 327 63 -145

01 07 53 06.71 22.733S 170.803E 10km
5.2mb (23 obs.) 4.9Msz (25 obs.)
LOYALTY ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 31S, 53C
Centroid Location:
Origin Time 07:53:14.4 0.6
Lat 22.68S 0.06 Lon 170.78E 0.04
Dep 15.0 FIX Half-duration 1.9
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.82	65	20
N	-0.17	3	283
P	-1.65	25	192

Best Double Couple:Mo=1.7*10**17
NP1:Strike=274 Dip=21 Slip= 81
NP2: 105 70 94

01 13 51 21.77 36.659N 141.122E 53km
5.3mb (99 obs.) 5.3Msz (43 obs.)
NEAR EAST COAST OF HONSHU, JAPAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 30S, 68C
Centroid Location:
Origin Time 13:51:23.2 0.3
Lat 36.35N 0.03 Lon 141.65E 0.03
Dep 35.0 BDY Half-duration 2.5
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	3.55	61	285
N	0.77	8	28
P	-4.32	28	123

Best Double Couple:Mo=3.9*10**17
NP1:Strike=233 Dip=18 Slip= 115
NP2: 26 74 82

01 18 29 20.27 29.739N 140.699E 134km
5.5mb (155 obs.)
SOUTH OF HONSHU, JAPAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 32S, 56C
Centroid Location:
Origin Time 18:29:19.8 0.3
Lat 29.45N 0.03 Lon 140.94E 0.03
Dep 119.1 1.5 Half-duration 2.2
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.78	52	226
N	-0.14	27	356
P	-1.64	25	100

Best Double Couple:Mo=1.7*10**17
NP1:Strike=232 Dip=31 Slip= 150
NP2: 348 75 62

02 11 48 58.69 47.694N 155.377E 45km
5.4mb (89 obs.) 4.8Msz (13 obs.)
EAST OF KURIL ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 20S, 32C
Centroid Location:
Origin Time 11:49: 1.6 0.5
Lat 47.56N 0.07 Lon 155.78E 0.10
Dep 27.2 4.9 Half-duration 1.7
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.81	21	321
N	-0.21	18	224
P	-1.60	61	97

Best Double Couple:Mo=1.7*10**17
NP1:Strike= 81 Dip=29 Slip= -49
NP2: 216 69 -110

02 20 00 52.45 3.303S 130.718E 33km
5.0mb (24 obs.) 4.4Msz (1 obs.)
SERAM, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 16C
Centroid Location:
Origin Time 20:00:56.2 1.6
Lat 3.25S FIX;Lon 130.58E FIX
Dep 33.0 FIX Half-duration 1.9
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	8.10	57	214
N	-1.21	6	313
P	-6.89	32	47

Best Double Couple:Mo=7.5*10**16
NP1:Strike=159 Dip=14 Slip= 117
NP2: 312 78 84

02 20 03 21.03 16.075S 92.787E 24km
5.7mb (58 obs.) 5.4Msz (30 obs.)
SOUTH INDIAN OCEAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 36S, 84C
Centroid Location:
Origin Time 20:03:24.6 0.2
Lat 16.01S 0.01 Lon 92.75E 0.02
Dep 15.0 FIX Half-duration 3.1
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	5.87	0	209
N	1.90	90	180
P	-7.77	0	119

Best Double Couple:Mo=6.8*10**17
NP1:Strike=254 Dip=90 Slip=-180
NP2: 344 90 0

02 21 05 00.83 16.138S 92.844E 14km
5.9mb (86 obs.) 5.9Msz (54 obs.)
SOUTH INDIAN OCEAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 31S, 81C M.W.: 14S, 21C
Centroid Location:
Origin Time 21:05: 9.5 0.1
Lat 15.96S 0.01 Lon 92.92E 0.02
Dep 15.0 FIX Half-duration 3.9
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	2.08	28	31
N	0.91	62	211
P	-2.99	0	121

Best Double Couple:Mo=2.5*10**18
NP1:Strike=169 Dip=70 Slip= 21
NP2: 72 70 159

03 03 28 52.38 28.050N 128.152E 52km
4.6mb (21 obs.) 5.3Msz (3 obs.)
RYUKYU ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 18S, 29C
Centroid Location:
Origin Time 03:28:53.5 0.6
Lat 28.12N 0.06 Lon 127.80E 0.04
Dep 25.5 4.4 Half-duration 1.5
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.45	12	326
N	-0.16	77	129
P	-1.28	4	235

Best Double Couple:Mo=1.4*10**17
NP1:Strike= 10 Dip=79 Slip= 174
NP2: 101 84 11

03 06 10 54.32 51.130N 178.743E 22km
5.9mb (144 obs.) 5.9Msz (55 obs.)
RAT ISLANDS, ALEUTIAN ISLANDS
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 68 Dip=70 Slip= 90
NP2: 248 20 90
Principal Axes:

	Plg=	Azm=
T	65	338
P	25	158

Comment: The focal mechanism is poorly controlled and

corresponds to reverse faulting. The preferred fault plane is NP2.
RADIATED ENERGY
No of sta. 20 Focal mech. F
Energy 9.2±1.7*10**12 Nm
MOMENT TENSOR SOLUTION
Dep 27 No of sta: 32
Principal Axes:
Scale 10**18 Nm
T Val= 1.46 Plg=76 Azm=322
N -0.01 6 77
P -1.45 12 168
Best Double Couple:Mo=1.5*10**18
NP1:Strike=265 Dip=33 Slip= 101
NP2: 73 58 83
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 38S, 98C
Centroid Location:
Origin Time 06:10:58.6 0.1
Lat 51.27N 0.02 Lon 178.82E 0.02
Dep 15.0 FIX Half-duration 4.8
Principal Axes:
Scale 10**18 Nm
T Val= 1.96 Plg=61 Azm=330
N 0.07 7 73
P -2.02 28 167
Best Double Couple:Mo=2.0*10**18
NP1:Strike=275 Dip=18 Slip= 113
NP2: 71 73 82

03 17 00 53.81 4.525S 104.682W 10km
4.9mb (18 obs.) 5.1Msz (14 obs.)
CENTRAL EAST PACIFIC RISE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 36S, 81C
Centroid Location:
Origin Time 17:00:59.0 0.2
Lat 4.45S 0.02 Lon 104.59W 0.02
Dep 15.0 FIX Half-duration 2.7
Principal Axes:
Scale 10**17 Nm
T Val= 3.48 Plg= 0 Azm=142
N -0.25 90 180
P -3.24 0 52
Best Double Couple:Mo=3.4*10**17
NP1:Strike=187 Dip=90 Slip=-180
NP2: 277 90 0

04 04 04 03.56 28.018N 128.051E 17km
5.6mb (75 obs.) 6.0Msz (36 obs.)
RYUKYU ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 28S, 69C
Centroid Location:
Origin Time 04:04: 9.2 0.2
Lat 28.07N 0.02 Lon 128.05E 0.02
Dep 20.9 2.1 Half-duration 3.8
Principal Axes:
Scale 10**18 Nm
T Val= 1.40 Plg=16 Azm=323
N -0.20 74 144
P -1.20 0 53
Best Double Couple:Mo=1.3*10**18
NP1:Strike=100 Dip=79 Slip= 11
NP2: 7 79 168

04 23 11 44.85 4.805S 153.255E 74km
5.2mb (26 obs.)
NEW IRELAND REGION, P.N.G.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 30S, 43C
Centroid Location:
Origin Time 23:11:46.1 0.4
Lat 4.87S 0.05 Lon 153.35E 0.04
Dep 36.9 4.2 Half-duration 1.5
Principal Axes:
Scale 10**16 Nm
T Val= 8.83 Plg=51 Azm=166
N -0.21 38 5
P -8.61 9 267
Best Double Couple:Mo=8.7*10**16
NP1:Strike=322 Dip=49 Slip= 35
NP2: 207 64 133

05 09 54 51.51 10.703S 166.217E 155km
5.0mb (22 obs.)
SANTA CRUZ ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 16S, 25C
Centroid Location:
Origin Time 09 55. 2.6 1,1
Lat 10.37S 0.14 Lon 165.65E 0.11
Dep 172.1 3.1 Half-duration 1 4
Principal Axes.
Scale 10**16 Nm
T Val= 6.08 Plg=68 Azm= 78
N -0.36 8 187
P -5.72 21 280
Best Double Couple:Mo=5.9*10**16
NP1:Strike= 24 Dip=25 Slip= 108
NP2: 184 66 82

05 12 38 26.84 5.428S 147.090E 220km
5.4mb (53 obs.)
EASTERN NEW GUINEA REG., P.N.G.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 20S, 26C
Centroid Location:
Origin Time 12:38:29.9 0.6
Lat 5.50S 0.04 Lon 147.01E 0.07
Dep 231.3 4.3 Half-duration 1.3
Principal Axes:
Scale 10**16 Nm
T Val= 4.95 Plg=60 Azm=294
N -0.03 30 106
P -4.91 3 198
Best Double Couple:Mo=4.9*10**16
NP1:Strike=316 Dip=49 Slip= 131
NP2: 83 55 53

05 21 46 41.90 40.273N 124.552W 21km
5.0mb (48 obs.) 4.9Msz (19 obs.)
NEAR COAST OF NORTHERN CALIF.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 23S, 35C
Centroid Location:
Origin Time 21:46:48.5 0.6
Lat 40.45N 0.12 Lon 124.38W 0.13
Dep 21.0 FIX Half-duration 1.5
Principal Axes:
Scale 10**16 Nm
T Val= 7.20 Plg=51 Azm=198
N -0.20 16 87
P -7.00 34 345
Best Double Couple:Mo=7.1*10**16
NP1:Strike= 27 Dip=18 Slip= 29
NP2: 269 81 106

06 00 41 12.99 28.107N 128.032E 21km
5.1mb (44 obs.) 5.6Msz (4 obs.)
RYUKYU ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 24S, 36C
Centroid Location:
Origin Time 00:41:14.5 0.4
Lat 28.00N 0.05 Lon 127.76E 0.06
Dep 27.4 4.9 Half-duration 1.8
Principal Axes:
Scale 10**17 Nm
T Val= 1.44 Plg= 4 Azm=329
N -0.23 82 213
P -1.21 7 60
Best Double Couple:Mo=1.3*10**17
NP1:Strike=104 Dip=82 Slip= -3
NP2: 195 87 -172

06 01 58 29.47 0.602S 133.905E 26km
5.1mb (23 obs.) 4.8Msz (12 obs.)
IRIAN JAYA REGION, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 25S, 33C
Centroid Location:
Origin Time 01:58:31.4 0.6
Lat 0.78S 0.07 Lon 134.48E 0.08
Dep 15.0 FIX Half-duration 1.9
Principal Axes:
Scale 10**16 Nm
T Val= 10.68 Plg=56 Azm=172
N 1.09 14 284
P -11.76 31 22
Best Double Couple:Mo=1.1*10**17
NP1:Strike=150 Dip=20 Slip= 138
NP2: 280 77 75

06 15 51 43.25 12.813N 88.252W 85km
5.2mb (52 obs.)
OFF COAST OF CENTRAL AMERICA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 37S, 76C
Centroid Location:
Origin Time 15:51:43.5 0.3
Lat 12.68N 0.03 Lon 88.56W 0.03
Dep 53.0 2.3 Half-duration 2.4
Principal Axes:
Scale 10**17 Nm
T Val= 2.80 Plg=16 Azm= 12
N -0.35 39 115
P -2.44 47 264
Best Double Couple:Mo=2.6*10**17
NP1:Strike= 61 Dip=45 Slip=-153
NP2: 311 71 -48

06 21 40 40.81 1.068N 124.040E 18km
5.9mb (91 obs.) 5.6Msz (49 obs.)
MINAHASSA PENINSULA, SULAWESI
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 37S, 84C
Centroid Location:
Origin Time 21:40:45.8 0.2
Lat 1.14N 0.02 Lon 124.04E 0.02
Dep 32.1 1.3 Half-duration 3.6
Principal Axes:
Scale 10**17 Nm
T Val= 10.66 Plg=76 Azm=300
N -1.27 13 143
P -9.39 5 52
Best Double Couple:Mo=1.0*10**18
NP1:Strike=128 Dip=41 Slip= 70
NP2: 334 52 107

06 23 29 32.35 3.672N 126.954E 44km
5.5mb (72 obs.) 4.8Msz (21 obs.)
TALAUD ISLANDS, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 28S, 55C
Centroid Location:
Origin Time 23:29:37.0 0.5
Lat 3.91N 0.04 Lon 127.13E 0.05
Dep 43.0 BDY Half-duration 2.2
Principal Axes:
Scale 10**17 Nm
T Val= 2.03 Plg=19 Azm=243
N 0.25 11 150
P -2.28 68 32
Best Double Couple:Mo=2.2*10**17
NP1:Strike=350 Dip=28 Slip= -67
NP2: 145 64 -102

07 01 34 07.72 31.278N 141.686E 52km
5.1mb (30 obs.)
SOUTH OF HONSHU, JAPAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 21S, 36C
Centroid Location:
Origin Time 01:34: 8.1 0.9
Lat 31.35N 0.09 Lon 141.90E 0.08
Dep 15.0 FIX Half-duration 1.8
Principal Axes:
Scale 10**16 Nm
T Val= 6.37 Plg=74 Azm=270
N 0.76 2 6
P -7.13 16 96
Best Double Couple:Mo=6.8*10**16
NP1:Strike=189 Dip=29 Slip= 94
NP2: 5 61 88

07 09 01 45.08 16.505N 98.656W 5km
5.3mb (53 obs.) 5.0Msz (8 obs.)
NEAR COAST OF GUERRERO, MEXICO
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 25S, 42C
Centroid Location:
Origin Time 09:01:50.8 0.9
Lat 16.40N 0.09 Lon 98.28W 0.10
Dep 15.4 5.0 Half-duration 1.8
Principal Axes:
Scale 10**17 Nm
T Val= 1.13 Plg=56 Azm= 28
N 0.12 11 281
P -1.24 32 185
Best Double Couple:Mo=1.2*10**17
NP1:Strike=241 Dip=16 Slip= 48
NP2: 104 78 101

07 12 02 14 66 6.202S 147.510E 67km
5 1mb (25 obs.)
EASTERN NEW GUINEA REG., P.N.G.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 10S, 10C
Centroid Location:
Origin Time 12:02:22.6 2.0
Lat 6.24S FIX;Lon 147.52E FIX
Dep 15.0 FIX Half-duration 1.3
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	6.90	52	209
N	-0.97	2	301
P	-5.92	38	33

Best Double Couple:Mo=6.4*10**16
NP1:Strike=137 Dip= 8 Slip= 106
NP2: 301 83 88

07 14 26 00.20 24.224S 176.226W 67km
5.5mb (45 obs.)
SOUTH OF FIJI ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 24S, 42C
Centroid Location:
Origin Time 14:26: 3.6 0.4
Lat 24.21S 0.05 Lon 175.64W 0.04
Dep 67.0 3.7 Half-duration 2.1
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	8.76	50	344
N	4.52	28	215
P	-13.28	26	110

Best Double Couple:Mo=1.1*10**17
NP1:Strike=155 Dip=32 Slip= 26
NP2: 42 76 119

07 17 41 10.43 16.415N 98.652W 5km
5.3mb (61 obs.) 4.8Msz (8 obs.)
NEAR COAST OF GUERRERO, MEXICO
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 16S, 31C
Centroid Location:
Origin Time 17:41:21.0 1.1
Lat 16.64N 0.10 Lon 98.30W 0.09
Dep 15.0 FIX Half-duration 1.7
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	8.76	64	12
N	-1.67	1	280
P	-7.09	26	190

Best Double Couple:Mo=7.9*10**16
NP1:Strike=278 Dip=19 Slip= 88
NP2: 101 71 91

08 09 30 16.13 81.246N 121.270E 32km
5.1mb (64 obs.) 4.6Msz (8 obs.)
EAST OF SEVERNAYA ZEMLYA, RUSSIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 26S, 40C
Centroid Location:
Origin Time 09:30:16.3 0.3
Lat 81.22N 0.07 Lon 121.13E 0.35
Dep 15.0 FIX Half-duration 1.5
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	6.24	0	247
N	0.34	26	157
P	-6.57	64	337

Best Double Couple:Mo=6.4*10**16
NP1:Strike= 1 Dip=51 Slip= -55
NP2: 134 51 -125

08 13 53 46.21 20.721S 173.844W 51km
4.9mb (20 obs.)
TONGA ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 16S, 24C
Centroid Location:
Origin Time 13:53:51.3 0.9
Lat 20.54S FIX;Lon 174.00W FIX
Dep 15.0 FIX Half-duration 1.3
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	7.94	38	109
N	-1.49	36	344
P	-6.46	32	228

Best Double Couple:Mo=7.2*10**16
NP1:Strike=262 Dip=36 Slip= 6
NP2: 167 86 126

09 00 24 54.55 23.007S 176.365W 79km
5.7mb (52 obs.)
SOUTH OF FIJI ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 17C
Centroid Location:
Origin Time 00:24:56.0 0.6
Lat 22.88S 0.09 Lon 175.96W 0.05
Dep 71.1 5.6 Half-duration 2.4
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	2.45	63	141
N	0.32	23	357
P	-2.77	14	261

Best Double Couple:Mo=2.6*10**17
NP1:Strike=323 Dip=37 Slip= 50
NP2: 189 63 116

09 00 31 56.31 8.474S 111.100E 64km
5.9mb (68 obs.)
JAWA, INDONESIA
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 95 Dip=77 Slip= -90
NP2: 275 13 -90
Principal Axes:

	Plg=	Azm=
T	32	185
P	58	5

Comment: The focal mechanism is poorly controlled and corresponds to normal faulting. The preferred fault plane is NP1.
RADIATED ENERGY
No. of sta: 11 Focal mech. M
Energy 4.4±0.8*10**12 Nm
MOMENT TENSOR SOLUTION
Dep 66 No. of sta: 16
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	1.37	34	191
N	0.45	11	93
P	-1.81	54	348

Best Double Couple:Mo=1.6*10**18
NP1:Strike=320 Dip=15 Slip= -42
NP2: 91 80 -101
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 36S, 94C
Centroid Location:
Origin Time 00:32: 2.4 0.3
Lat 8.45S 0.02 Lon 111.11E 0.03
Dep 109.9 1.6 Half-duration 4.3
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	1.41	40	207
N	0.34	17	102
P	-1.74	46	354

Best Double Couple:Mo=1.6*10**18
NP1:Strike= 1 Dip=17 Slip= -11
NP2: 101 87 -107

09 02 46 58.34 65.346S 178.521E 10km
4.8mb (9 obs.) 5.4Msz (2 obs.)
BALLENY ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 21S, 36C
Centroid Location:
Origin Time 02:47: 2.0 0.3
Lat 65.41S 0.05 Lon 179.94E 0.14
Dep 15.0 FIX Half-duration 2.2
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	2.36	4	6
N	0.16	57	101
P	-2.52	32	273

Best Double Couple:Mo=2.4*10**17
NP1:Strike= 54 Dip=65 Slip=-158
NP2: 315 70 -27

09 06 41 05.75 49.804S 110.567E 10km
5.3mb (16 obs.) 4.5Msz (1 obs.)
SOUTHEAST INDIAN RIDGE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 16C
Centroid Location:
Origin Time 06:41: 4.4 1.2
Lat 49.84S FIX;Lon 110.65E FIX
Dep 15.0 FIX Half-duration 3.0
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	1.91	41	188
N	-0.47	40	50
P	-1.44	22	299

Best Double Couple:Mo=1.7*10**17
NP1:Strike=342 Dip=43 Slip= 17
NP2: 239 79 131

09 14 45 02.58 1.119N 124.172E 42km
5.6mb (75 obs.) 5.3Msz (39 obs.)
MINAHASSA PENINSULA, SULAWESI
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 35S, 80C
Centroid Location:
Origin Time 14:45: 3.4 0.2
Lat 1.10N 0.02 Lon 124.19E 0.02
Dep 26.7 1.4 Half-duration 2.8
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	4.52	81	153
N	-0.17	5	277
P	-4.35	7	8

Best Double Couple:Mo=4.4*10**17
NP1:Strike=103 Dip=38 Slip= 98
NP2: 273 52 84

10 01 24 06.16 53.581N 165.423W 33km
5.2mb (75 obs.) 4.4Msz (3 obs.)
FOX ISLANDS, ALEUTIAN ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 28S, 41C
Centroid Location:
Origin Time 01:24: 9.7 0.4
Lat 53.32N 0.06 Lon 165.11W 0.08
Dep 32.1 4.2 Half-durotian 1.7
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	7.14	68	299
N	-0.24	9	52
P	-6.90	20	146

Best Double Couple:Mo=7.0*10**16
NP1:Strike=252 Dip=26 Slip= 112
NP2: 48 66 80

10 02 13 45.46 1.084N 124.089E 31km
5.9mb (89 obs.) 5.8Msz (55 obs.)
MINAHASSA PENINSULA, SULAWESI
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 38S, 90C
Centroid Location:
Origin Time 02:13:47.5 0.2
Lat 1.16N 0.02 Lon 124.16E 0.02
Dep 17.4 1.1 Half-duration 3.7
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	1.02	84	43
N	0.05	4	273
P	-1.07	5	183

Best Double Couple:Mo=1.0*10**18
NP1:Strike=269 Dip=41 Slip= 84
NP2: 97 50 95

10 12 45 14.37 58.959S 25.494W 33km
5.5mb (18 obs.) 4.7Msz (10 obs.)
SOUTH SANDWICH ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 30S, 52C
Centroid Location:
Origin Time 12:45:21.2 0.3
Lat 59.29S 0.07 Lon 25.20W 0.09
Dep 31.9 3.6 Half-duration 2.6
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	8.63	78	309
N	-1.25	4	199
P	-7.38	11	108

Best Double Couple:Mo=8.0*10**16
NP1:Strike=193 Dip=34 Slip= 83
NP2: 22 56 95

10 18 41 04.06 11.681S 166.205E 15km
5.2mb (30 obs.) 4.8Msz (6 obs.)
SANTA CRUZ ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 30S, 50C
Centroid Location:
Origin Time 18:41:11.3 0.5

Lat 11.79S 0.06 Lon 165.83E 0.05
Dep 15.0 FIX Half-duration 1.7
Principal Axes:
Scale 10**16 Nm
T Val= 8.81 Plg=71 Azm= 42
N -0.20 8 156
P -8.61 17 248
Best Double Couple:Mo=8.7*10**16
NP1:Strike=350 Dip=29 Slip= 106
NP2: 152 63 81

11 02 03 35.67 1.077N 124.115E 28km
5.8mb (102 obs.) 5.2Msz (33 obs.)
MINAHASSA PENINSULA, SULAWESI
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 32S, 73C
Centroid Location:
Origin Time 02:03:37.3 0.3
Lat 1.10N 0.03 Lon 124.04E 0.02
Dep 17.8 1.3 Half-duration 6.6
Principal Axes:
Scale 10**17 Nm
T Val= 5.81 Plg=84 Azm= 63
N -0.05 5 285
P -5.76 4 195
Best Double Couple:Mo=5.8*10**17
NP1:Strike=280 Dip=41 Slip= 83
NP2: 109 49 96

11 18 29 40.56 31.344N 140.885E 52km
5.5mb (109 obs.)
SOUTH OF HONSHU, JAPAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 27S, 45C
Centroid Location:
Origin Time 18:29:43.7 0.3
Lat 31.32N 0.04 Lon 141.15E 0.03
Dep 48.3 2.6 Half-duration 2.0
Principal Axes:
Scale 10**17 Nm
T Val= 1.72 Plg=68 Azm=284
N -0.02 3 186
P -1.70 22 95
Best Double Couple:Mo=1.7*10**17
NP1:Strike=179 Dip=24 Slip= 82
NP2: 8 67 93

11 21 22 33.81 63.560S 173.308E 10km
5.1mb (7 obs.) 5.1Msz (2 obs.)
BALLENY ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 14S, 24C
Centroid Location:
Origin Time 21:22:35.2 0.5
Lat 63.99S 0.05 Lon 173.36E 0.22
Dep 15.0 FIX Half-duration 1.7
Principal Axes:
Scale 10**16 Nm
T Val= 9.03 Plg= 2 Azm=186
N -3.92 60 92
P -5.11 30 277
Best Double Couple:Mo=7.1*10**16
NP1:Strike=317 Dip=68 Slip= -20
NP2: 55 71 -156

12 00 24 40.18 8.448N 102.962W 10km
4.8mb (12 obs.) 4.5Msz (1 obs.)
OFF COAST OF MEXICO
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 24S, 41C
Centroid Location:
Origin Time 00:24:41.4 0.6
Lat 8.52N 0.06 Lon 103.06W 0.05
Dep 15.0 FIX Half-duration 1.7
Principal Axes:
Scale 10**16 Nm
T Val= 12.61 Plg=24 Azm=211
N -3.36 61 67
P -9.26 15 308
Best Double Couple:Mo=1.1*10**17
NP1:Strike=352 Dip=62 Slip= 7
NP2: 258 84 152

12 04 56 57.08 11.054N 126.794E 24km
5.3mb (67 obs.)
PHILIPPINE ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 20S, 28C
Centroid Location:
Origin Time 04:56:55.5 0.6
Lat 10.86N 0.06 Lon 127.24E 0.06
Dep 32.3 4.4 Half-duration 1.6
Principal Axes:
Scale 10**16 Nm
T Val= 8.94 Plg=12 Azm=236
N -2.12 16 143
P -6.82 70 2
Best Double Couple:Mo=7.9*10**16
NP1:Strike=345 Dip=36 Slip= -63
NP2: 133 59 -108

12 11 06 30.20 2.617N 125.687E 79km
5.8mb (115 obs.)
TALAUD ISLANDS, INDONESIA
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 22 Dip=60 Slip= -90
NP2: 202 30 -90
Principal Axes:
T Plg=15 Azm=112
P 75 292
Comment: The focal mechanism is poorly controlled and corresponds to normal faulting. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 11 Focal mech. M
Energy 4.4±0.9*10**11 Nm
MOMENT TENSOR SOLUTION
Dep 71 No. of sta: 13
Principal Axes:
Scale 10**17 Nm.
T Val= 2.89 Plg=13 Azm=119
N 0.06 4 28
P -2.95 76 283
Best Double Couple:Mo=2.9*10**17
NP1:Strike=214 Dip=32 Slip= -83
NP2: 26 58 -94
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 35S, 65C
Centroid Location:
Origin Time 11:06:34.2 0.3
Lat 2.81N 0.03 Lon 126.10E 0.03
Dep 94.1 1.6 Half-duration 2.4
Principal Axes:
Scale 10**17 Nm
T Val= 2.90 Plg= 9 Azm=139
N -0.43 16 232
P -2.47 71 22
Best Double Couple:Mo=2.7*10**17
NP1:Strike=211 Dip=39 Slip=-116
NP2: 63 56 -70

12 18 11 05.52 2.132S 101.705E 141km
5.1mb (68 obs.)
SOUTHERN SUMATERA, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 20S, 32C
Centroid Location:
Origin Time 18:11:11.0 0.6
Lat 2.15S 0.06 Lon 101.87E 0.07
Dep 148.7 2.0 Half-duration 1.7
Principal Axes:
Scale 10**16 Nm
T Val= 9.86 Plg=38 Azm=264
N 0.19 47 48
P -10.05 19 159
Best Double Couple:Mo=1.0*10**16
NP1:Strike=295 Dip=49 Slip= 164
NP2: 35 78 42

12 19 16 43.99 34.159N 8.333E 10km
5.3mb (67 obs.) 4.8Msz (15 obs.)
TUNISIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 18S, 30C
Centroid Location:
Origin Time 19:16:48.3 0.5
Lat 34.21N 0.06 Lon 8.44E 0.09
Dep 15.0 FIX Half-duration 1.5
Principal Axes:
Scale 10**16 Nm
T Val= 6.60 Plg=72 Azm=101
N 0.74 14 242
P -7.34 11 335
Best Double Couple:Mo=7.0*10**16
NP1:Strike= 82 Dip=36 Slip= 114
NP2: 233 57 73

13 08 58 27 75 4.772S 105.587W 10km
4.8mb (11 obs.) 4.8Msz (13 obs.)
CENTRAL EAST PACIFIC RISE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 31S, 60C
Centroid Location:
Origin Time 08:58:30.4 0.4
Lat 4.77S 0.04 Lon 105.37W 0.04
Dep 15.0 FIX Half-duration 1.8
Principal Axes:
Scale 10**17 Nm
T Val= 1.31 Plg= 0 Azm=144
N 0.12 90 180
P -1.43 0 54
Best Double Couple:Mo=1.4*10**17
NP1:Strike=189 Dip=90 Slip=-180
NP2: 279 90 0

13 15 18 41.15 32.992N 141.479E 57km
5.2mb (49 obs.)
SOUTH OF HONSHU, JAPAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 25S, 39C
Centroid Location:
Origin Time 15:18:37.4 0.6
Lat 32.59N 0.07 Lon 142.16E 0.07
Dep 15.0 FIX Half-duration 1.6
Principal Axes:
Scale 10**16 Nm
T Val= 10.30 Plg=66 Azm=256
N 1.58 10 10
P -11.88 21 104
Best Double Couple:Mo=1.1*10**17
NP1:Strike=212 Dip=25 Slip= 114
NP2: 5 67 79

13 21 54 31.96 49.148S 164.852E 33km
5.4mb (9 obs.) 4.9Msz (1 obs.)
AUCKLAND ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 21C
Centroid Location:
Origin Time 21:54:42.4 0.9
Lat 49.20S FIX;Lon 164.38E FIX
Dep 41.5 9.3 Half-duration 1.4
Principal Axes:
Scale 10**16 Nm
T Val= 4.72 Plg=51 Azm=354
N 0.03 38 157
P -4.75 9 253
Best Double Couple:Mo=4.7*10**16
NP1:Strike= 19 Dip=49 Slip= 144
NP2: 134 64 47

14 01 21 09.87 6.157S 104.252E 54km
5.2mb (39 obs.)
SUNDA STRAIT
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 9S, 12C
Centroid Location:
Origin Time 01:21:19.4 2.0
Lat 6.11S FIX;Lon 104.35E FIX
Dep 48.118.8 Half-duration 2.2
Principal Axes:
Scale 10**16 Nm
T Val= 3.49 Plg=44 Azm=324
N -0.30 38 102
P -3.18 22 210
Best Double Couple:Mo=3.3*10**16
NP1:Strike=346 Dip=41 Slip= 160
NP2: 92 77 51

14 08 45 00.37 6.174S 147.531E 53km
5.1mb (28 obs.)
EASTERN NEW GUINEA REG., P.N.G.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 20S, 26C
Centroid Location:
Origin Time 08:45: 4.9 0.8
Lat 6.23S FIX;Lon 147.57E FIX
Dep 26.4 4.3 Half-duration 1.4
Principal Axes:
Scale 10**16 Nm
T Val= 8.35 Plg=59 Azm=325
N -0.21 17 85
P -8.14 25 183
Best Double Couple:Mo=8.2*10**16
NP1:Strike=305 Dip=25 Slip= 133

NP2: 79 72 73

14 12 50 38.91 32.947N 141.551E 45km
5.2mb (100 obs.) 4.9Msz (27 obs.)
SOUTH OF HONSHU, JAPAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B. : 23S, 34C
Centroid Location:
Origin Time 12:50:37.5 0.7
Lat 32.75N 0.11 Lon 141.88E 0.08
Dep 17.8 3.4 Half-duration 1.5
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	8.20	67	273
N	-0.49	6	170
P	-7.71	22	77

Best Double Couple:Mo=8.0*10**16

	Strike=	Dip=	Slip=
NP1:	157	23	76
NP2:	352	68	96

14 17 06 59.77 26.538S 177.743W 47km
5.3mb (17 obs.) 5.5Msz (7 obs.)
SOUTH OF FIJI ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 35S, 71C
Centroid Location:
Origin Time 17:06:58.5 0.4
Lat 26.47S 0.04 Lon 177.60W 0.03
Dep 27.9 2.1 Half-duration 2.5
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	3.46	0	138
N	-1.05	54	47
P	-2.41	36	228

Best Double Couple:Mo=2.9*10**17

	Strike=	Dip=	Slip=
NP1:	267	65	-27
NP2:	9	66	-153

15 01 46 35.37 34.149N 139.066E 27km
5.0mb (60 obs.) 4.7Msz (7 obs.)
NEAR S. COAST OF HONSHU, JAPAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 14S, 21C
Centroid Location:
Origin Time 01:46:36.9 0.5
Lat 34.30N 0.08 Lon 138.73E 0.08
Dep 15.0 5.9 Half-duration 1.5
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	10.55	28	86
N	-1.36	40	329
P	-9.19	37	200

Best Double Couple:Mo=9.9*10**16

	Strike=	Dip=	Slip=
NP1:	228	40	-8
NP2:	325	85	-130

15 02 48 56.25 24.027N 95.932E 17km
5.8mb (131 obs.) 6.3Msz (46 obs.)
MYANMAR
FAULT PLANE SOLUTION: P-Waves

	Strike=	Dip=	Slip=
NP1:	98	87	35
NP2:	6	55	176

Principal Axes:

	Plg=	Azm=
T	26	328
P	22	227

Comment: The focal mechanism is poorly controlled and corresponds to strike-slip faulting with a large reverse component. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 6 Focal mech. F
Energy 6.8±2.5*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 15 No. of sta: 13
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	3.02	16	325
N	0.11	67	97
P	-3.13	16	231

Best Double Couple:Mo=3.1*10**18

	Strike=	Dip=	Slip=
NP1:	8	67	-179
NP2:	278	89	-23

CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 30S, 73C M.W.: 22S, 32C
Centroid Location:
Origin Time 02:49: 2.9 0.2
Lat 23.95N 0.01 Lon 96.03E 0.01
Dep 22.9 1.2 Half-duration 5.4
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	3.05	10	323
N	0.18	68	78
P	-3.23	20	229

Best Double Couple:Mo=3.1*10**18

	Strike=	Dip=	Slip=
NP1:	8	69	-173
NP2:	275	83	-21

15 12 09 19.46 50.510N 149.630E 518km
5.0mb (107 obs.)
SEA OF OKHOTSK
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 13C
Centroid Location:
Origin Time 12:09:28.7 1.4
Lat 50.64N 0.14 Lon 149.11E 0.15
Dep 508.6 7.2 Half-duration 1.4
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	7.23	32	159
N	0.75	5	252
P	-7.97	57	349

Best Double Couple:Mo=7.6*10**16

	Strike=	Dip=	Slip=
NP1:	233	13	-110
NP2:	73	77	-85

15 14 16 50.06 60.774S 154.040E 33km
5.2mb (12 obs.) 5.1Msz (2 obs.)
WEST OF MACQUARIE ISLAND
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 30S, 66C
Centroid Location:
Origin Time 14:16:52.0 0.2
Lat 61.27S 0.03 Lon 153.35E 0.06
Dep 15.0 FIX Half-duration 2.6
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	4.63	16	19
N	-0.77	73	225
P	-3.86	7	111

Best Double Couple:Mo=4.2*10**17

	Strike=	Dip=	Slip=
NP1:	156	74	6
NP2:	64	84	164

15 20 39 11.31 0.073S 123.030E 128km
5.9mb (112 obs.)
MINAHASSA PENINSULA, SULAWESI
FAULT PLANE SOLUTION: P-Waves

	Strike=	Dip=	Slip=
NP1:	22	58	90
NP2:	202	32	90

Principal Axes:

	Plg=	Azm=
T	77	292
P	13	112

Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
RADIATED ENERGY
No. of sta: 12 Focal mech. M
Energy 4.6±1.3*10**12 Nm
MOMENT TENSOR SOLUTION
Dep 123 No. of sta: 15
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	4.91	81	309
N	-0.01	3	198
P	-4.91	9	107

Best Double Couple:Mo=4.9*10**17

	Strike=	Dip=	Slip=
NP1:	193	36	84
NP2:	20	54	94

CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 36S, 75C
Centroid Location:
Origin Time 20:39:16.1 0.3
Lat 0.25N 0.03 Lon 123.35E 0.03
Dep 126.9 1.1 Half-duration 3.0
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	5.23	83	347
N	0.29	6	204
P	-5.52	4	114

Best Double Couple:Mo=5.4*10**17

	Strike=	Dip=	Slip=
NP1:	197	41	81
NP2:	30	50	98

16 05 51 03.74 45.704N 142.263E 317km
5.7mb (161 obs.)
HOKKAIDO, JAPAN REGION
FAULT PLANE SOLUTION: P-Waves

	Strike=	Dip=	Slip=
NP1:	133	84	35
NP2:	39	55	173

Principal Axes:

	Plg=	Azm=
T	29	2
P	19	261

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 2.8±0.5*10**12 Nm
MOMENT TENSOR SOLUTION
Dep 318 No. of sta: 20
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	1.39	33	7
N	-0.46	53	157
P	-0.93	15	268

Best Double Couple:Mo=1.2*10**18

	Strike=	Dip=	Slip=
NP1:	43	56	166
NP2:	141	78	35

CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 33S, 78C
Centroid Location:
Origin Time 05:51: 7.0 0.2
Lat 45.49N 0.02 Lon 142.47E 0.02
Dep 330.4 1.5 Half-duration 3.9
Principal Axes:
Scale 10**17 Nm

	Val=	Plg=	Azm=
T	12.57	27	5
N	-2.63	57	146
P	-9.94	18	266

Best Double Couple:Mo=1.1*10**18

	Strike=	Dip=	Slip=
NP1:	43	58	173
NP2:	137	84	33

17 00 07 03.44 45.356N 151.301E 49km
5.3mb (102 obs.) 4.9Msz (35 obs.)
KURIL ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 32S, 52C
Centroid Location:
Origin Time 00:07: 7.1 0.5
Lat 45.32N 0.05 Lon 151.57E 0.06
Dep 29.2 3.2 Half-duration 1.5
Principal Axes:
Scale 10**16 Nm

	Val=	Plg=	Azm=
T	8.09	76	335
N	0.27	6	219
P	-8.36	12	127

Best Double Couple:Mo=8.2*10**16

	Strike=	Dip=	Slip=
NP1:	209	33	79
NP2:	43	57	97

17 08 39 15.42 60.373S 57.074W 10km
5.8mb (27 obs.) 5.9Msz (37 obs.)
SOUTH SHETLAND ISLANDS
FAULT PLANE SOLUTION: P-Waves

	Strike=	Dip=	Slip=
NP1:	220	87	-177
NP2:	130	87	-3

Principal Axes:

	Plg=	Azm=
T	0	175
P	4	85

Comment: The focal mechanism is moderately well controlled and corresponds to strike-slip faulting. The preferred fault plane is not determined.
MOMENT TENSOR SOLUTION
Dep 20 No. of sta: 5
Principal Axes:
Scale 10**18 Nm

	Val=	Plg=	Azm=
T	1.83	12	352
N	0.23	75	210
P	-2.06	9	84

Best Double Couple:Mo=1.9*10**18

	Strike=	Dip=	Slip=
NP1:	128	75	2
NP2:	38	88	165

CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 37S, 90C
Centroid Location:
Origin Time 08:39:20.0 0.1
Lat 60.49S 0.02 Lon 57.35W 0.04
Dep 15.0 FIX Half-duration 4.4
Principal Axes:

Scale 10**18 Nm
T Val= 1.73 Plg= 5 Azm=346
N 0.17 79 229
P -1.90 10 77
Best Double Couple:Mo=1.8*10**18
NP1:Strike=121 Dip=80 Slip= -3
NP2: 212 87 -170

19 02 55 50.92 19.306S 172.781W 38km
5.0mb (17 obs.) 5.1Msz (1 obs.)
TONGA ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 14C
Centroid Location:
Origin Time 02:56: 0.1 1.3
Lat 19.32S FIX;Lon 172.80W FIX
Dep 15.0 FIX Half-duration 1.1
Principal Axes:
Scale 10**16 Nm
T Val= 4.29 Plg=27 Azm=308
N -0.05 24 204
P -4.23 52 79
Best Double Couple:Mo=4.3*10**16
NP1:Strike= 81 Dip=28 Slip= -30
NP2: 198 77 -115

19 09 03 29.47 53.797N 160.559E 55km
5.0mb (68 obs.)
NEAR EAST COAST OF KAMCHATKA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 15C
Centroid Location:
Origin Time 09:03:32.9 1.2
Lat 54.37N 0.21 Lon 160.69E 0.22
Dep 33.0 FIX Half-duration 1.8
Principal Axes:
Scale 10**16 Nm
T Val= 3.41 Plg=65 Azm=294
N -1.31 15 58
P -2.11 20 153
Best Double Couple:Mo=2.8*10**16
NP1:Strike=267 Dip=28 Slip= 123
NP2: 51 66 74

20 13 41 17.78 19.166S 66.709W 249km
5.1mb (69 obs.)
SOUTHERN BOLIVIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 27S, 53C
Centroid Location:
Origin Time 13:41:22.3 0.4
Lat 19.48S 0.05 Lon 66.98W 0.04
Dep 274.4 2.2 Half-duration 1.8
Principal Axes:
Scale 10**16 Nm
T Val= 10.36 Plg=16 Azm=102
N 1.02 14 8
P -11.39 69 238
Best Double Couple:Mo=1.1*10**17
NP1:Strike=212 Dip=32 Slip= -63
NP2: 0 62 -106

21 10 52 42.41 26.503S 70.659W 39km
5.7mb (52 obs.) 5.4Msz (18 obs.)
NEAR COAST OF NORTHERN CHILE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 31S, 66C
Centroid Location:
Origin Time 10:52:48.2 0.2
Lat 26.80S 0.04 Lon 71.53W 0.03
Dep 47.0 FIX Half-duration 2.9
Principal Axes:
Scale 10**17 Nm
T Val= 4.64 Plg=53 Azm=206
N 0.61 34 0
P -5.25 13 99
Best Double Couple:Mo=4.9*10**17
NP1:Strike=225 Dip=44 Slip= 144
NP2: 343 66 52

21 13 35 46.01 28.384N 43.743W 22km
5.0mb (58 obs.) 4.7Msz (19 obs.)
NORTHERN MID-ATLANTIC RIDGE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 20S, 30C
Centroid Location:
Origin Time 13:35:50.2 0.8
Lat 28.75N 0.10 Lon 43.38W 0.08
Dep 15.0 FIX Half-duration 1.4
Principal Axes:
Scale 10**16 Nm
T Val= 7.21 Plg= 0 Azm=114
N -0.86 0 24
P -6.35 90 180
Best Double Couple:Mo=6.8*10**16
NP1:Strike=204 Dip=45 Slip= -90
NP2: 24 45 -90

21 17 43 08.84 37.689S 176.861E 10km
6.1mb (49 obs.) 6.1Msz (37 obs.)
NORTH ISLAND, NEW ZEALAND
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=260 Dip=55 Slip=-110
NP2: 112 40 -64
Principal Axes:
T Plg= 8 Azm= 4
P 72 119
Comment: The focal mechanism is poorly controlled and corresponds to normal faulting with a moderate strike-slip component. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 8 Focal mech. F
Energy 2.3±0.8*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 21 No. of sta: 18
Principal Axes:
Scale 10**18 Nm
T Val= 2.01 Plg=21 Azm=359
N 0.00 5 91
P -2.01 68 195
Best Double Couple:Mo=2.0*10**18
NP1:Strike= 79 Dip=25 Slip=-103
NP2: 273 66 -84
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 35S, 92C M.W.: 23S, 40C
Centroid Location:
Origin Time 17:43:16.6 0.1
Lat 37.46S 0.01 Lon 176.94E 0.02
Dep 15.0 BDY Half-duration 5.3
Principal Axes:
Scale 10**18 Nm
T Val= 2.65 Plg=11 Azm=334
N -0.08 15 67
P -2.56 72 210
Best Double Couple:Mo=2.6*10**18
NP1:Strike= 46 Dip=37 Slip=-115
NP2: 257 57 -72

22 04 00 41.00 60.728S 21.969W 12km
6.0mb (27 obs.) 6.1Msz (43 obs.)
SOUTHWESTERN ATLANTIC OCEAN
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=190 Dip=90 Slip=-170
NP2: 100 80 -360
Principal Axes:
T Plg= 7 Azm=325
P 7 55
Comment: The focal mechanism is moderately well controlled and corresponds to strike-slip faulting with a moderate normal component. The preferred fault plane is not determined.
MOMENT TENSOR SOLUTION
Dep 5 No. of sta: 4
Principal Axes:
Scale 10**18 Nm
T Val= 4.95 Plg= 9 Azm=329
N 1.17 67 217
P -6.12 21 63
Best Double Couple:Mo=5.5*10**18
NP1:Strike=105 Dip=68 Slip= -9
NP2: 198 82 -158
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 34S, 97C M.W.: 23S, 45C
Centroid Location:
Origin Time 04:00:46.7 0.1
Lat 61.11S 0.01 Lon 21.42W 0.03
Dep 15.0 FIX Half-duration 5.7
Principal Axes:
Scale 10**18 Nm
T Val= 4.27 Plg=17 Azm=327
N -0.78 57 85
P -3.50 27 228
Best Double Couple:Mo=3.9*10**18
NP1.Strike= 10 Dip=58 Slip=-172
NP2. 276 83 -32

22 14 57 16.84 30.557N 141.654E 41km
5.0mb (54 obs.) 4.7Msz (8 obs.)
SOUTH OF HONSHU, JAPAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 6S, 9C
Centroid Location:
Origin Time 14:57:21.0 1.1
Lat 30.55N FIX;Lon 141.64E FIX
Dep 33.0 FIX Half-duration 1.1
Principal Axes:
Scale 10**16 Nm
T Val= 5.49 Plg=51 Azm=339
N -1.63 20 223
P -3.86 32 120
Best Double Couple:Mo=4.7*10**16
NP1:Strike=163 Dip=22 Slip= 28
NP2: 47 80 110

22 15 17 43.34 16.867N 147.009E 66km
5.7mb (101 obs.)
MARIANA ISLANDS REGION
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=325 Dip=70 Slip=90
NP2: 145 20 90
Principal Axes:
T Plg=65 Azm=235
P 25 55
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
RADIATED ENERGY
No. of sta: 13 Focal mech. M
Energy 1.1±0.2*10**12 Nm
MOMENT TENSOR SOLUTION
Dep 33 No. of sta: 15
Principal Axes:
Scale 10**17 Nm
T Val= 4.36 Plg=65 Azm=227
N 0.13 7 333
P -4.49 24 66
Best Double Couple:Mo=4.4*10**17
NP1:Strike=171 Dip=22 Slip= 110
NP2: 330 69 82
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 29S, 65C
Centroid Location:
Origin Time 15:17:42.6 0.3
Lat 16.91N 0.04 Lon 147.47E 0.04
Dep 46.3 4.7 Half-duration 2.9
Principal Axes:
Scale 10**17 Nm
T Val= 4.14 Plg=38 Azm=269
N 0.13 32 149
P -4.28 35 33
Best Double Couple:Mo=4.2*10**17
NP1:Strike= 63 Dip=33 Slip= 3
NP2: 330 88 122

23 04 52 36.32 3.595S 129.088E 75km
5.6mb (39 obs.)
SERAM, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 33S, 68C
Centroid Location:
Origin Time 04:52:45.9 0.3
Lat 3.16S 0.03 Lon 129.54E 0.03
Dep 58.8 2.5 Half-duration 2.9
Principal Axes:
Scale 10**17 Nm
T Val= 6.03 Plg=29 Azm=169
N -1.31 54 308
P -4.72 20 67
Best Double Couple:Mo=5.4*10**17
NP1:Strike=205 Dip=54 Slip= 173
NP2: 300 84 36

23 04 52 49.55 18.893S 172.337E 33km
5.6mb (18 obs.)
VANUATU ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 24C
Centroid Location:
Origin Time 04:52:50.3 1.0
Lat 19.29S 0.10 Lon 171.88E 0.14

Dep 16 1 5.3 Half-duration 3.0
Principal Axes:
Scale 10**17 Nm
T Val= 1.99 Plg=23 Azm=348
N 0.82 3 79
P -2.81 66 176
Best Double Couple:Mo=2.4*10**17
NP1:Strike= 72 Dip=22 Slip= -98
NP2: 260 68 -87

23 11 21 21.55 36.104S 101.220W 10km
5.6mb (27 obs.) 5.6Msz (27 obs.)
SOUTHERN PACIFIC OCEAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 34S, 85C
Centroid Location:
Origin Time 11:21:28.4 0.1
Lat 36.19S 0.02 Lon 101.03W 0.02
Dep 15.0 FIX Half-duration 4.1
Principal Axes:
Scale 10**18 Nm
T Val= 1.41 Plg=11 Azm= 53
N -0.07 79 237
P -1.34 1 143
Best Double Couple:Mo=1.4*10**18
NP1:Strike=188 Dip=82 Slip= 7
NP2: 97 83 172

23 13 03 22.67 17.981S 174.726W 18km
5.4mb (44 obs.) 5.1Msz (20 obs.)
TONGA ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 24S, 49C
Centroid Location:
Origin Time 13:03:26.0 0.5
Lat 18.34S 0.05 Lon 174.46W 0.05
Dep 15.0 FIX Half-duration 2.5
Principal Axes:
Scale 10**17 Nm
T Val= 3.72 Plg=15 Azm=324
N -0.03 36 66
P -3.68 50 215
Best Double Couple:Mo=3.7*10**17
NP1:Strike= 15 Dip=44 Slip=-149
NP2: 262 69 -51

24 12 11 26.01 51.501N 173.446W 33km
5.7mb (154 obs.) 5.6Msz (53 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 33S, 75C
Centroid Location:
Origin Time 12:11:27.8 0.1
Lat 51.57N FIX;Lon 172.95W FIX
Dep 15.0 BDY Half-duration 3.2
Principal Axes:
Scale 10**17 Nm
T Val= 7.56 Plg=62 Azm= 8
N -0.18 10 258
P -7.38 26 163
Best Double Couple:Mo=7.5*10**17
NP1:Strike=230 Dip=21 Slip= 60
NP2: 82 72 101

24 12 27 11.21 5.311S 102.974E 47km
5.4mb (33 obs.) 5.7Msz (6 obs.)
SOUTHERN SUMATERA, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 21S, 43C
Centroid Location:
Origin Time 12:27:14.8 0.7
Lat 5.79S 0.05 Lon 103.04E 0.08
Dep 43.4 4.9 Half-duration 2.9
Principal Axes:
Scale 10**17 Nm
T Val= 3.19 Plg=60 Azm= 58
N 0.71 11 307
P -3.89 28 211
Best Double Couple:Mo=3.5*10**17
NP1:Strike=274 Dip=20 Slip= 55
NP2: 131 74 102

25 04 37 51.78 51.602N 173.454W 33km
5.1mb (69 obs.) 4.4Msz (2 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 18S, 24C
Centroid Location:
Origin Time 04:37:55.8 0.7
Lat 51.73N 0.10 Lon 173.62W 0.16
Dep 31.1 8.1 Half-duration 1.5
Principal Axes:
Scale 10**16 Nm
T Val= 4.36 Plg=65 Azm=354
N 0.93 14 116
P -5.29 20 212
Best Double Couple:Mo=4.8*10**16
NP1:Strike=324 Dip=28 Slip= 121
NP2: 110 67 75

25 06 30 51.00 28.314S 176.716W 20km
6.1mb (86 obs.) 6.5Msz (46 obs.)
KERMADEC ISLANDS REGION
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 20 Dip=78 Slip= 90
NP2: 200 12 90
Principal Axes:
T Plg=57 Azm=290
P 33 110
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
RADIATED ENERGY
No. of sta: 17 Focal mech. M
Energy 3.0±0.6*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 30 No. of sta: 23
Principal Axes:
Scale 10**18 Nm
T Val= 6.89 Plg=55 Azm=266
N -0.81 19 25
P -6.08 29 126
Best Double Couple:Mo=6.5*10**18
NP1:Strike=256 Dip=24 Slip= 144
NP2: 20 76 70
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 37S, **C M.W.: 25S, 36C
Centroid Location:
Origin Time 06:31: 1.1 0.1
Lat 28.17S 0.01 Lon 176.22W 0.01
Dep 48.2 0.6 Half-duration 6.8
Principal Axes:
Scale 10**18 Nm
T Val= 6.89 Plg=60 Azm=258
N -0.78 15 15
P -6.10 26 112
Best Double Couple:Mo=6.5*10**18
NP1:Strike=232 Dip=23 Slip= 130
NP2: 10 72 75

26 02 09 56.15 22.281S 179.572W 598km
5.4mb (57 obs.)
SOUTH OF FIJI ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 24C
Centroid Location:
Origin Time 02:09:58.1 0.9
Lat 21.90S 0.11 Lon 179.26W 0.09
Dep 609.4 5.6 Half-duration 1.7
Principal Axes:
Scale 10**16 Nm
T Val= 12.46 Plg=35 Azm=111
N -3.57 13 12
P -8.89 53 265
Best Double Couple:Mo=1.1*10**17
NP1:Strike=245 Dip=16 Slip= -36
NP2: 10 81 -103

26 02 36 13.46 8.790S 112.593E 64km
5.2mb (36 obs.)
JAWA, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 12C
Centroid Location:
Origin Time 02:36:12.4 1.0
Lat 8.91S FIX;Lon 112.58E FIX
Dep 112.8 6.4 Half-duration 1.2
Principal Axes:
Scale 18**16 Nm
T Val= 6.82 Plg=74 Azm= 90
N 0.47 1 357
P -7.28 16 267
Best Double Couple:Mo=7.1*10**16
NP1:Strike=356 Dip=29 Slip= 88
NP2: 178 61 91

26 03 18 52.24 33.719S 178.862W 33km
5.6mb (20 obs.) 5.6Msz (16 obs.)
SOUTH OF KERMADEC ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 33S, 78C
Centroid Location:
Origin Time 03:18:55.5 0.3
Lat 33.44S 0.04 Lon 178.43W 0.03
Dep 15.0 FIX Half-duration 3.1
Principal Axes:
Scale 10**17 Nm
T Val= 6.85 Plg=58 Azm=271
N 0.48 5 10
P -7.33 31 104
Best Double Couple:Mo=7.1*10**17
NP1:Strike=212 Dip=14 Slip= 112
NP2: 9 77 84

26 11 32 27.18 6.129N 82.349W 10km
5.8mb (91 obs.) 5.4Msz (27 obs.)
SOUTH OF PANAMA
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=245 Dip=67 Slip= -90
NP2: 65 23 -90
Principal Axes:
T Plg=22 Azm=335
P 68 155
Comment: The focal mechanism is poorly controlled and corresponds to normal faulting. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 14 Focal mech. F
Energy 2.1±0.4*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 11 No. of sta: 19
Principal Axes:
Scale 10**17 Nm
T Val= 9.10 Plg=30 Azm=342
N -0.15 4 249
P -8.95 60 152
Best Double Couple:Mo=9.0*10**17
NP1:Strike= 84 Dip=16 Slip= -75
NP2: 248 75 -94
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 38S, 89C
Centroid Location:
Origin Time 11:32:34.5 0.4
Lat 6.36N 0.03 Lon 82.40W 0.02
Dep 15.0 FIX Half-duration 3.2
Principal Axes:
Scale 10**17 Nm
T Val= 7.25 Plg= 9 Azm=334
N -0.16 3 64
P -7.10 81 170
Best Double Couple:Mo=7.2*10**17
NP1:Strike= 61 Dip=36 Slip= -94
NP2: 246 [illegible] -87

27 13 21 20.90 35. 81.131E 33km
5.0mb (78 obs.) 7Msz (10 obs.)
SOUTHERN XINJIAN CHINA
CENTROID, MOMENT NSOR (HRV)
Data Used: GDSN
L.P.B.: 17S, 22[illegible]
Centroid Locati[illegible]
Origin Time 13:21:27.2 0.7
Lat 35.18N FIX on 81.12E FIX
Dep 33.0 FIX Half-duration 1.5
Principal Axes:
Scale 10**16 Nm
T Val= 3.58 Plg=15 Azm=282
N 1.13 0 12
P -4.71 75 102
Best Double Couple:Mo=4.1*10**16
NP1:Strike= 12 Dip=30 Slip= -90
NP2: 192 60 -90

27 14 16 19.80 18.972N 80.592W 10km
5.2mb (76 obs.) 5.1Msz (25 obs.)
CARIBBEAN SEA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 32S, 65C
Centroid Location:
Origin Time 14:16:22.3 0.3
Lat 18.81N 0.03 Lon 80.64W 0.03
Dep 15.0 FIX Half-duration 2.5
Principal Axes:
Scale 10**17 Nm

T Val= 3.02 Plg= 2 Azm=120
N 0.20 85 237
P -3.22 5 30
Best Double Couple Mo=3.1•10••17
NP1:Strike=165 Dip=85 Slip=-178
NP2: 75 88 -5

28 06 10 03.40 54 241N 160.869E 33km
5.2mb (66 obs.) 5.0Msz (12 obs.)
NEAR EAST COAST OF KAMCHATKA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 32S, 64C
Centroid Location:
Origin Time 06:10: 9.2 0.3
Lat 53.87N 0.04 Lon 161.66E 0.05
Dep 43.0 2.6 Half-duration 1.9
Principal Axes:
Scale 10••17 Nm
T Val= 1.29 Plg=76 Azm=335
N 0.23 7 215
P -1.52 12 124
Best Double Couple:Mo=1.4•10••17
NP1:Strike=205 Dip=34 Slip= 77
NP2: 40 57 98

28 06 52 27.63 5.963S 154.401E 76km
5.1mb (23 obs.)
SOLOMON ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 15C
Centroid Location:
Origin Time 06:52:34.2 1.1
Lat 5.98S FIX;Lon 154.38E FIX
Dep 69.0 FIX Half-duration 1.3
Principal Axes:
Scale 10••16 Nm
T Val= 3.75 Plg=64 Azm=254
N -1.04 14 16
P -2.71 21 112
Best Double Couple:Mo=3.2•10••16
NP1:Strike=226 Dip=27 Slip= 123
NP2: 10 67 74

28 11 57 34.12 34.201N 116.436W 1km
6.2mb (123 obs.) 7.6Msz (39 obs.)
SOUTHERN CALIFORNIA
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=340 Dip=82 Slip= 174
NP2: 71 84 8
Principal Axes:
T Plg=10 Azm=296
P 1 205
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 3.0±0.7•10••15 Nm
MOMENT TENSOR SOLUTION
Dep 5 No. of sta: 22
Principal Axes:
Scale 10••19 Nm
T Val= 6.42 Plg= 6 Azm=298
N 0.51 81 76
P -6.93 6 208
Best Double Couple:Mo=6.7•10••19
NP1:Strike=343 Dip=81 Slip= 180
NP2: 73 90 9
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 30S, 79C M.W.: 31S, 75C
Centroid Location:
Origin Time 11:57:53.0 0.1
Lat 34.65N 0.01 Lon 116.65W 0.01
Dep 15.0 FIX Half-duration 19.2
Principal Axes:
Scale 10••19 Nm
T Val= 10.53 Plg= 9 Azm=296
N 0.10 68 48
P -10.63 20 202
Best Double Couple:Mo=1.1•10••20
NP1:Strike=341 Dip=70 Slip=-172
NP2: 248 82 -20

28 15 05 30.70 34.203N 116.827W 5km
6.3mb (113 obs.) 6.7Msz (36 obs.)
SOUTHERN CALIFORNIA
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=318 Dip=78 Slip= 180
NP2: 228 90 348
Principal Axes:
T Plg= 8 Azm=274
P 8 182
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: 14 Focal mech. F
Energy 5.7±1.3•10••14 Nm
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 25S, 66C M.W.: 17S, 29C
Centroid Location:
Origin Time 15:05:39.6 0.3
Lat 34.27N 0.03 Lon 117.24W 0.03
Dep 15.0 FIX Half-duration 8.2
Principal Axes:
Scale 10••18 Nm
T Val= 6.72 Plg= 3 Azm=273
N 0.12 87 90
P -6.84 0 183
Best Double Couple:Mo=6.8•10••18
NP1:Strike=318 Dip=88 Slip= 178
NP2: 48 88 2

29 00 07 05.26 10.666S 161.440E 59km
5.5mb (46 obs.) 5.3Msz (18 obs.)
SOLOMON ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 32S, 80C
Centroid Location:
Origin Time 00:07: 9.1 0.2
Lat 10.81S 0.02 Lon 161.45E 0.03
Dep 55.1 1.7 Half-duration 3.2
Principal Axes:
Scale 10••17 Nm
T Val= 6.75 Plg=31 Azm= 94
N 0.59 59 282
P -7.34 4 186
Best Double Couple:Mo=7.0•10••17
NP1:Strike=235 Dip=66 Slip= 20
NP2: 136 71 155

29 02 25 06.67 11.770N 87.507W 57km
4.8mb (40 obs.)
NEAR COAST OF NICARAGUA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 22S, 37C
Centroid Location:
Origin Time 02:25: 6.7 0.8
Lat 11.24N 0.07 Lon 87.78W 0.06
Dep 15.0 FIX Half-duration 2.3
Principal Axes:
Scale 10••17 Nm
T Val= 2.08 Plg=60 Azm= 95
N -0.17 29 291
P -1.91 7 197
Best Double Couple:Mo=2.0•10••17
NP1:Strike=259 Dip=46 Slip= 48
NP2: 131 58 125

29 04 35 35.91 7.289N 126.994E 41km
5.0mb (32 obs.) 4.6Msz (7 obs.)
MINDANAO, PHILIPPINE ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 18S, 27C
Centroid Location:
Origin Time 04:35:39.2 0.7
Lat 7.29N FIX;Lon 127.03E FIX
Dep 15.0 FIX Half-duration 1.3
Principal Axes:
Scale 10••16 Nm
T Val= 8.82 Plg=57 Azm=307
N 1.66 10 201
P -10.48 31 105
Best Double Couple:Mo=9.6•10••16
NP1:Strike=165 Dip=17 Slip= 53
NP2: 24 77 101

29 07 37 05.61 30.980N 141.359E 40km
5.2mb (48 obs.) 4.9Msz (11 obs.)
SOUTH OF HONSHU, JAPAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 22S, 36C
Centroid Location:
Origin Time 07:37: 9.9 0.6
Lat 30.86N 0.08 Lon 141.23E 0.05
Dep 63.2 4.5 Half-duration 1.5
Principal Axes:
Scale 10••16 Nm
T Val= 8.49 Plg=32 Azm=200
N 2.93 51 340
P -11.42 20 97
Best Double Couple:Mo=1.0•10••17
NP1:Strike=234 Dip=52 Slip= 170
NP2: 331 82 38

29 10 14 22.28 36.705N 116.293W 9km
5.6mb (76 obs.) 5.4Msz (26 obs.)
CALIFORNIA-NEVADA BORDER REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 30S, 68C
Centroid Location:
Origin Time 10:14:31.7 0.2
Lat 36.60N 0.03 Lon 116.68W 0.04
Dep 15.0 FIX Half-duration 2.8
Principal Axes:
Scale 10••17 Nm
T Val= 4.97 Plg= 3 Azm=127
N -0.28 20 218
P -4.69 70 28
Best Double Couple:Mo=4.8•10••17
NP1:Strike=197 Dip=45 Slip=-118
NP2: 54 51 -65

29 14 13 38.78 34.108N 116.404W 10km
5.2mb (35 obs.) 4.9Msz (13 obs.)
SOUTHERN CALIFORNIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 24S, 46C
Centroid Location:
Origin Time 14:13:43.6 0.4
Lat 34.11N FIX;Lon 116.40W FIX
Dep 15.0 FIX Half-duration 1.7
Principal Axes:
Scale 10••17 Nm
T Val= 1.60 Plg=30 Azm=290
N -0.24 11 193
P -1.37 58 86
Best Double Couple:Mo=1.5•10••17
NP1:Strike= 50 Dip=18 Slip= -52
NP2: 190 76 -101

29 16 01 42.77 33.876N 116.267W 2km
4.8mb (19 obs.)
SOUTHERN CALIFORNIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 20S, 38C
Centroid Location:
Origin Time 16:01:47.6 0.4
Lat 33.97N 0.05 Lon 116.50W 0.07
Dep 15.0 FIX Half-duration 2.0
Principal Axes:
Scale 10••17 Nm
T Val= 1.96 Plg=14 Azm=290
N -0.09 75 93
P -1.87 4 199
Best Double Couple:Mo=1.9•10••17
NP1:Strike=334 Dip=77 Slip= 173
NP2: 66 83 13

29 16 04 13.60 27.799N 139.455E 555km
5.4mb (116 obs.)
BONIN ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 22S, 43C
Centroid Location:
Origin Time 16:04:15.7 0.7
Lat 28.00N 0.05 Lon 139.47E 0.07
Dep 527.5 3.9 Half-duration 2.6
Principal Axes:
Scale 10••17 Nm
T Val= 2.84 Plg=12 Azm=359
N -0.36 37 98
P -2.48 50 255
Best Double Couple:Mo=2.7•10••17
NP1:Strike= 52 Dip=47 Slip=-146
NP2: 298 66 -48

30 14 38 11.59 34.004N 116.361W 1km
5.1mb (32 obs.) 4.6Msz (11 obs.)
SOUTHERN CALIFORNIA
CENTROID, MOMENT TENSOR (HRV)

```
Data Used: GDSN                          |                              |
L.P.B.: 12S, 18C                         |                              |
Centroid Location:                       |                              |
Origin Time        14:38:14.3 0.8        |                              |
Lat 34.00N  FIX;Lon 116.36W  FIX         |                              |
Dep  15.0 FIX Half-duration  1.3         |                              |
Principal Axes:                          |                              |
  Scale 10**16 Nm                        |                              |
  T  Val=  5.45  Plg=30  Azm=281         |                              |
  N        1.29       3       13         |                              |
  P       -6.74      60      107         |                              |
Best Double Couple:Mo=6.1*10**16         |                              |
 NP1:Strike=  3 Dip=15 Slip=-100         |                              |
 NP2:       194     75      -87          |                              |
```

Corrections to Previous Monthly Listings

1. Delete event of 04:32:34.8 UTC on April 07, 1989. Data belong to an event in Greece at 04:33:33, located by ISC.

2. Delete event of 13:03:44.3 UTC on April 14, 1989. Data belong to event of 13:04:42.2 UTC.

3. Delete event of 12:56:45.8 UTC on April 18, 1989. Data are secondary phases (PKKP) for event of 12:33:52.1 UTC.

4. Delete event of 19:28:46.8 UTC on April 18, 1989. Data are secondary phases (pPKP) for event of 19:10:14.3 UTC.

5. Delete event of 15:10:03.3 UTC on April 24, 1989. Data belong to event of 15:10:06.1 UTC on April 21.

6. Delete event of 10:35:32.5 UTC on May 05, 1989. Data belong to an event in Mexico 1 minute later, located by ISC.

7. Delete event of 02:21:02.2 UTC on May 11, 1989. Data belong to an event in Mexico 1 minute later, located by ISC.

8. Delete event of 02:19:56.9 UTC on May 13, 1989. Most data belong to an event in northern Italy at 02:23:02.0 UTC, located by ISC.

9. Delete event of 20:08:37.9 UTC on May 26, 1989. Data belong to event of 20:08:37.3 UTC on May 27.

10. Delete event of 20:01:57.7 UTC on May 28, 1989. Data belong to event of 20:51:41.5 UTC.

11. Delete event of 23:57:37.7 UTC on June 11, 1989.

12. Delete event of 10:17:35.4 UTC on June 13, 1989. Data belong to event of 10:17:35.2 UTC on June 14.

13. Delete event of 14:09:13.8 UTC on June 23, 1989. Data are secondary phases (S) for event of 14:01:47.7 UTC.

14. Delete event of 15:03:17.9 UTC on June 25, 1989. Data belong to an unlocated teleseism.

15. Delete event of 01:39:47.0 UTC on July 27, 1989. Data belong to event of 01:34:50.7 UTC.

16. Delete event of 14:09:12.3 UTC on August 11, 1989. Data belong to event of 15:09:11.8 UTC.

17. Delete event of 05:06:03.4 UTC on August 20, 1989. Data belong to event of 05:06:00.2 UTC on August 21.

18. Delete event of 01:03:38.0 UTC on August 21, 1989. Data belong to a teleseism, most likely the Ethiopian event of 01:09:06.6 UTC.

19. Delete event of 01:01:49.1 UTC on September 09, 1989. Data belong to event of 01:02:25.6 UTC.

20. Delete event of 04:17:50.7 UTC on September 09, 1989. Data belong to event of 04:17:58.2 UTC on September 16.

21. Delete event of 00:34:51.3 UTC on September 14, 1989.

22. Delete event of 13:19:18.7 UTC on September 19, 1989.

23. Delete event of 16:38:17.0 UTC on December 31, 1989.

24. Delete event of 02:38:51.5 UTC on January 09, 1990. Data belong to event of 02:29:26.6 UTC.

25. Delete event of 02:43:50.8 UTC on January 16, 1990. Data belong to event of 02:43:51.3 UTC on January 17.

26. Delete event of 07:28:00.5 UTC on January 16, 1990. Data belong to event of 07:28:01.4 UTC on January 17.

27. Delete event of 21:28:01.9 UTC on January 21, 1990. Data belong to event of 21:26:56.4 UTC.

28. Delete Ms magnitude for event of 03:34:31.9 UTC on February 10, 1990.

29. Delete event of 14:43:59.7 UTC on February 11, 1990. Data belong to event of 14:48:59.2 UTC.

30. Delete event of 22:02:46.4 UTC on March 03, 1990. Data belong to event of 22:02:37.1 UTC on April 03.

31. Delete event of 07:08:41.2 UTC on April 09, 1990. Data belong to event of 07:09:37.1 UTC.

32. Delete event of 16:50:48.7 UTC on April 28, 1990 and event of 16:49:50.1 UTC on April 29, 1990. Data for both events belong to event of 16:50:49.9 UTC on April 29.

33. Delete event of 00:59:47.7 UTC on May 03, 1990. Data belong to event of 00:59:52.0 UTC.

34. Delete event of 00:01:41.4 UTC on May 07, 1990. Data belong to event of 00:01:40.0 UTC on May 08.

35. Delete event of 08:26:57.5 UTC on June 10, 1990.

36. Delete event of 23:00:15.7 UTC on June 12, 1990 Data belong to event of 23:00:17.0 UTC on August 12.

37. Delete event of 05:10:34.7 UTC on June 16, 1990 Data belong to event of 05:10:35.1 UTC on June 18.

38. Delete event of 21:18:18.5 UTC on July 13, 1990 Data belong to event of 21:18:18.2 UTC on September 13.

39. Delete event of 23:04:41.9 UTC on July 13, 1990. Data belong to an event in September, located by ISC.

40. Delete event of 02:55:43.2 UTC on July 22, 1990 Data belong to an event at same time on July 23, located by ISC.

41. Delete Ms magnitude for event of 20:33:49.7 UTC on September 23, 1990.

42. Delete event of 16:33:14.5 UTC on October 08, 1990. Data belong to event of 16:33:19.5 UTC on October 09.

43. Delete event of 00:27:52.4 UTC on October 19, 1990. Data belong to event of 00:28:03.8 UTC on October 20.

44. Delete event of 20:09:41.8 UTC on November 04, 1990. Data belong to event of 20:09:36.6 UTC on November 05.

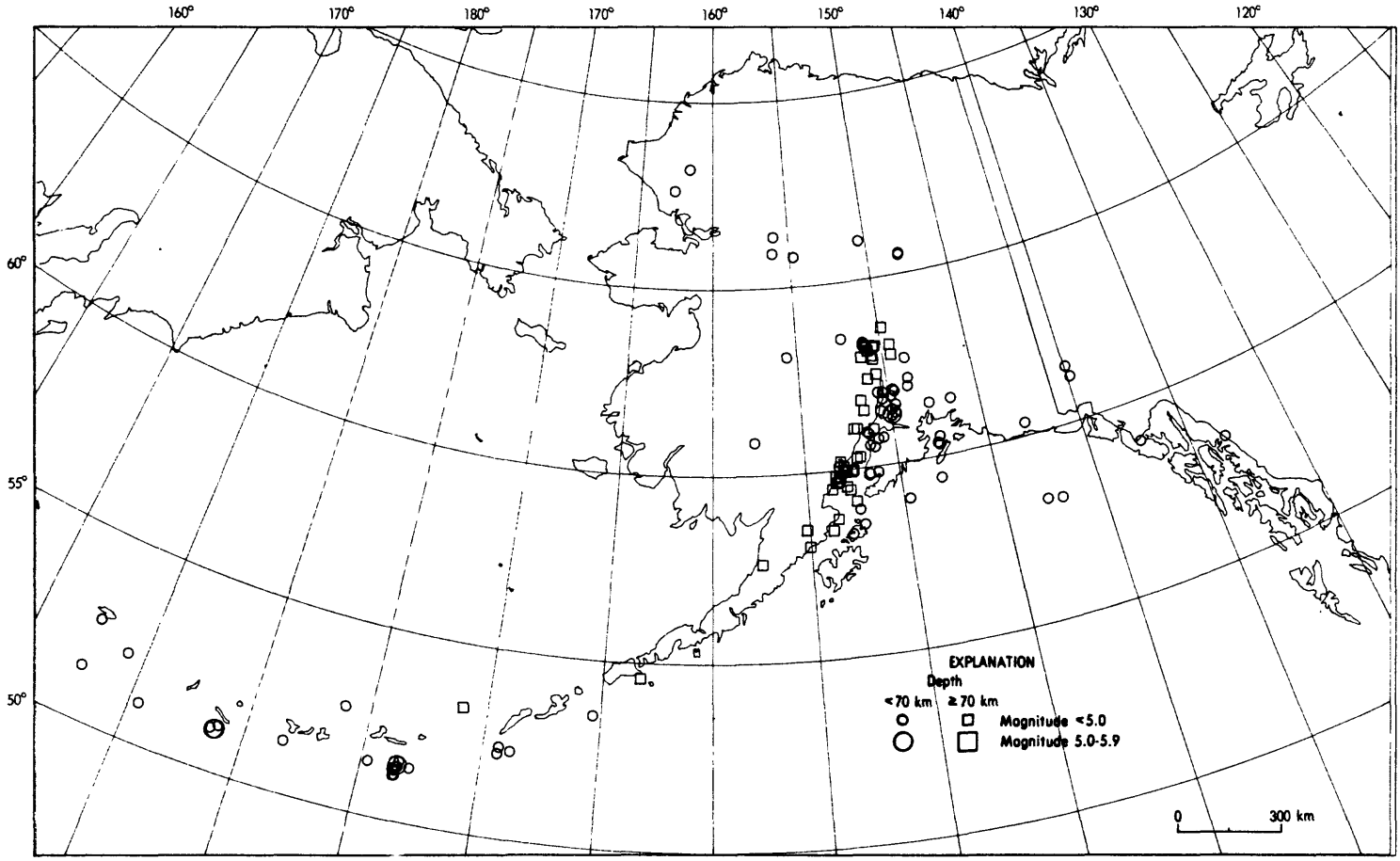
45. Delete event of 16:52:21.4 UTC on November 15, 1990. Data belong to event of 16:52:20.2 UTC on November 17.

46. Delete event of 06:43:52.4 UTC on November 27, 1990. Data belong to event of 06:43:43.0 UTC.

47. Delete event of 18:50:35.0 UTC on December 12, 1990.

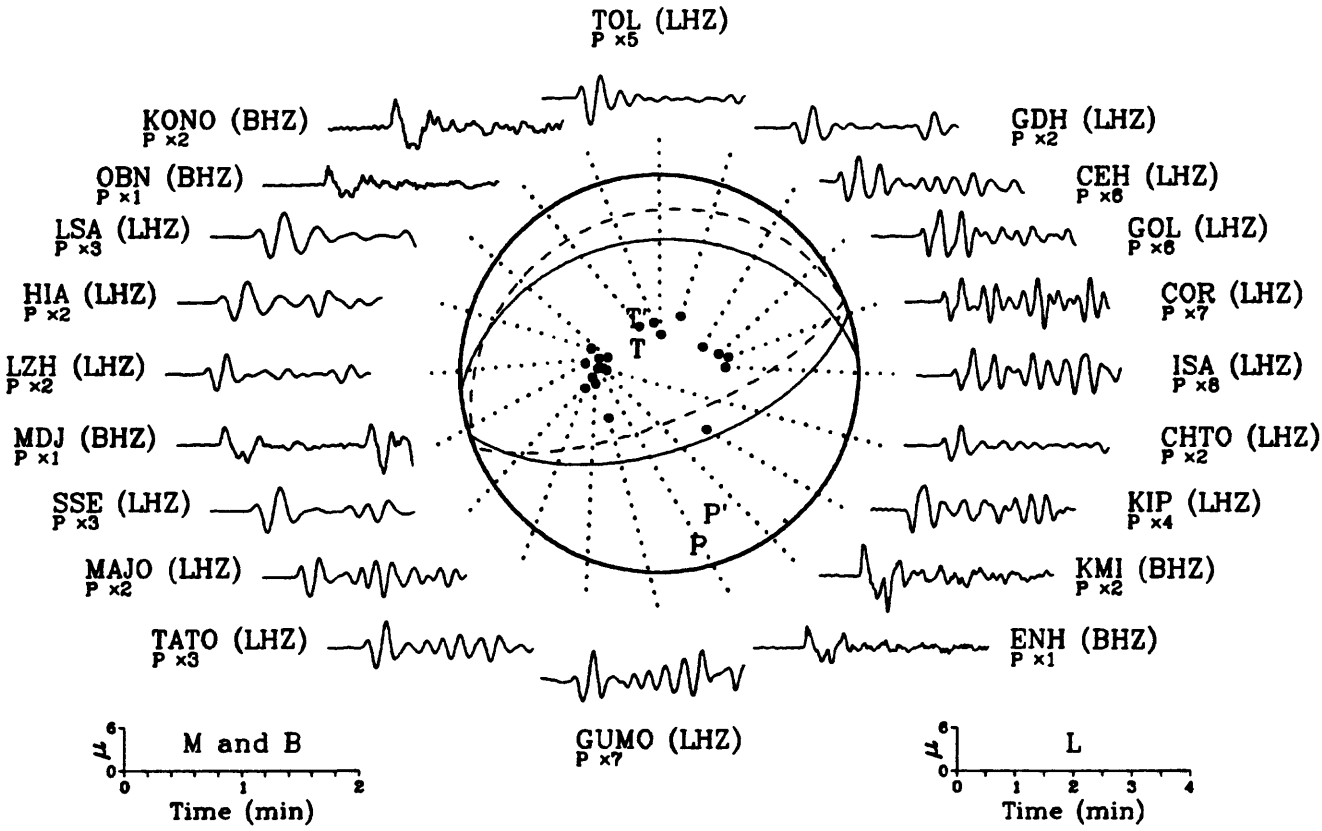
The corrections shown above (except for number 41) are based on information supplied by R.D. Adams and V.I. Morzo from the International Seismological Centre.

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

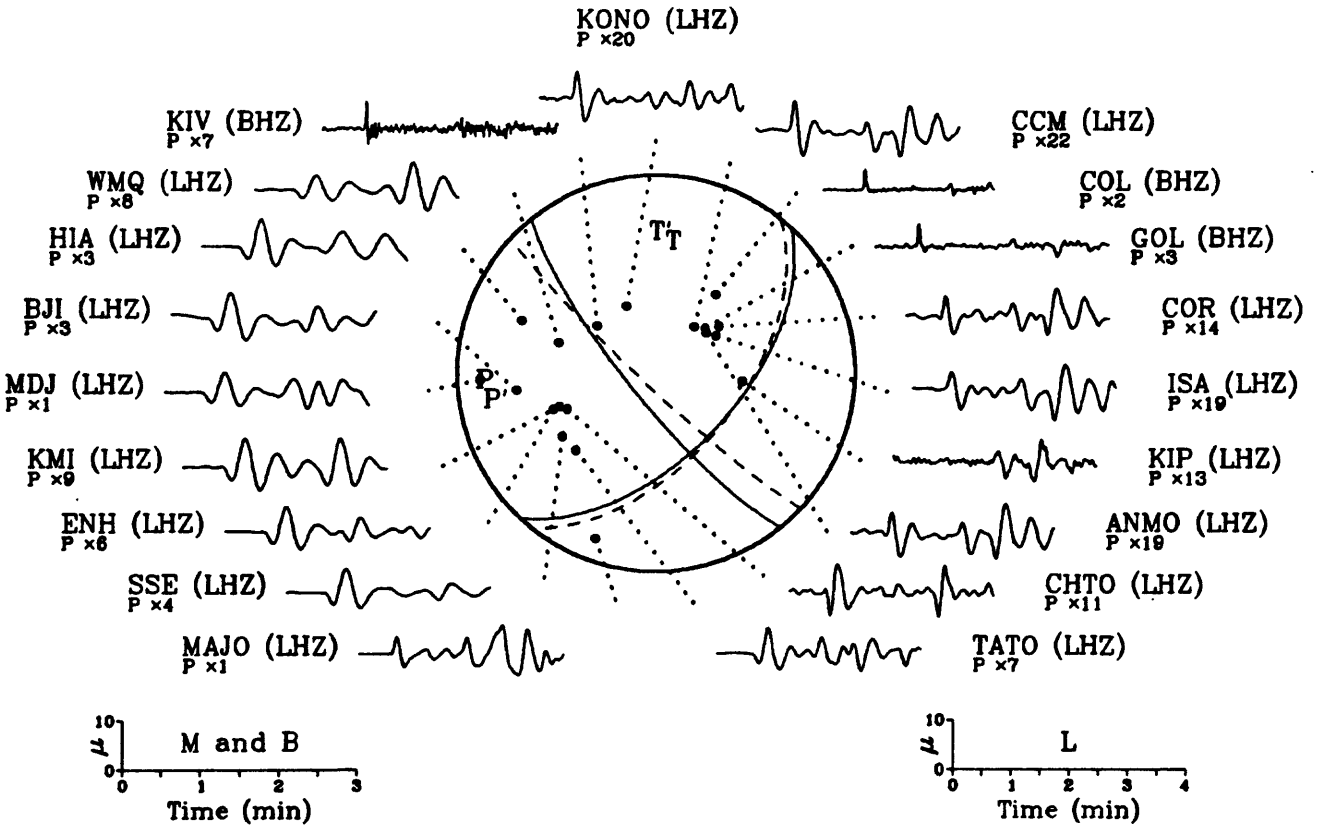


Earthquake epicenters in Alaska and adjacent regions for June, 1992 (C. Stover).

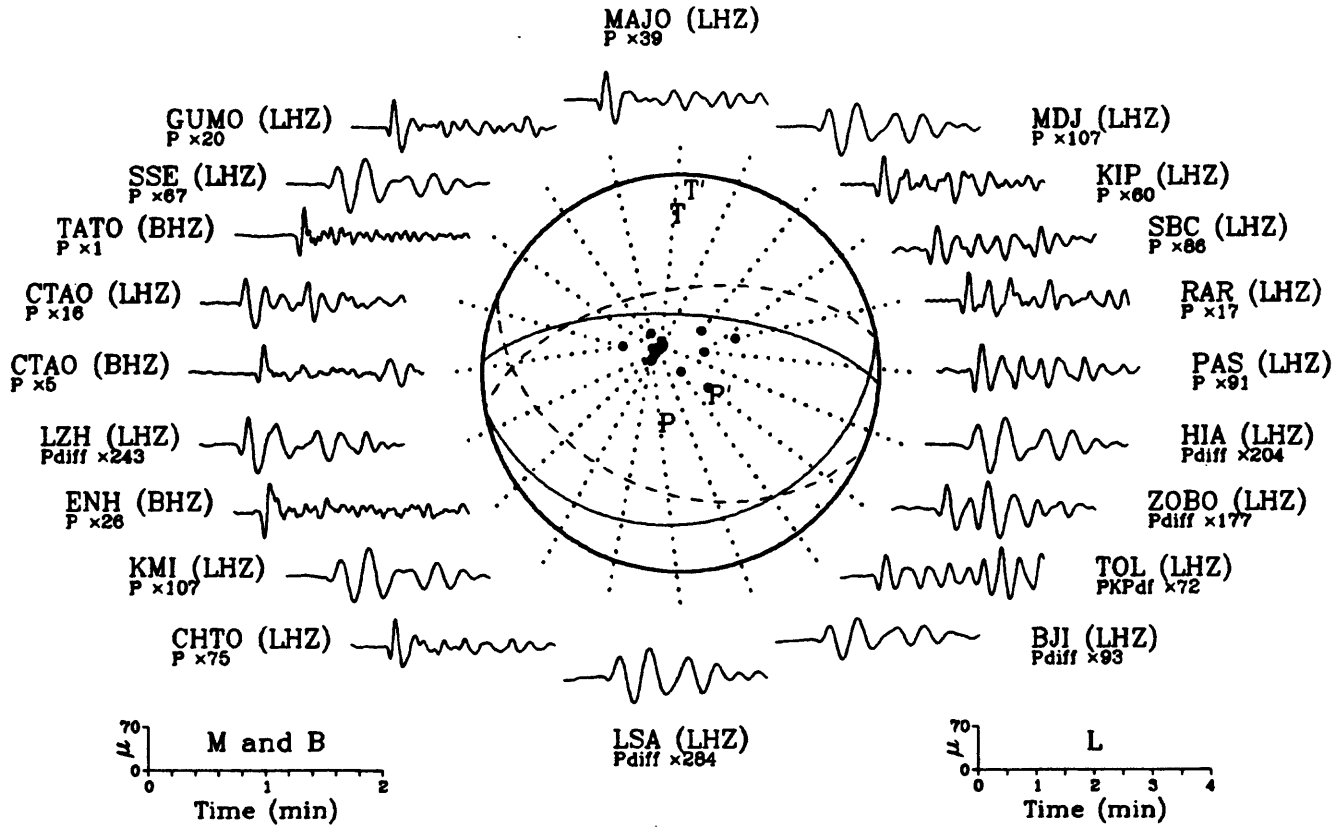
03 June 1992 06:10:54.32
Rat Islands, Aleutian Islands



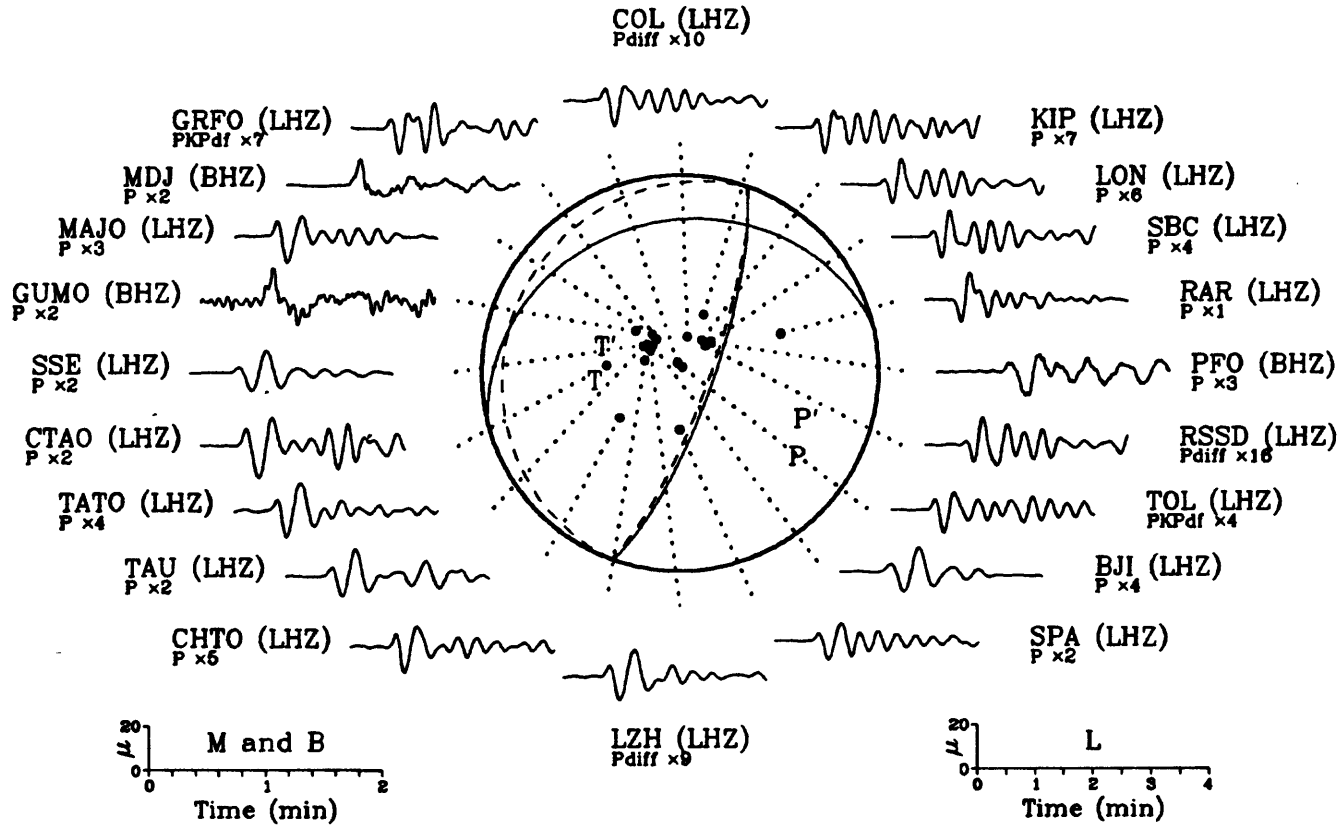
16 June 1992 05:51:03.74
Hokkaido, Japan Region



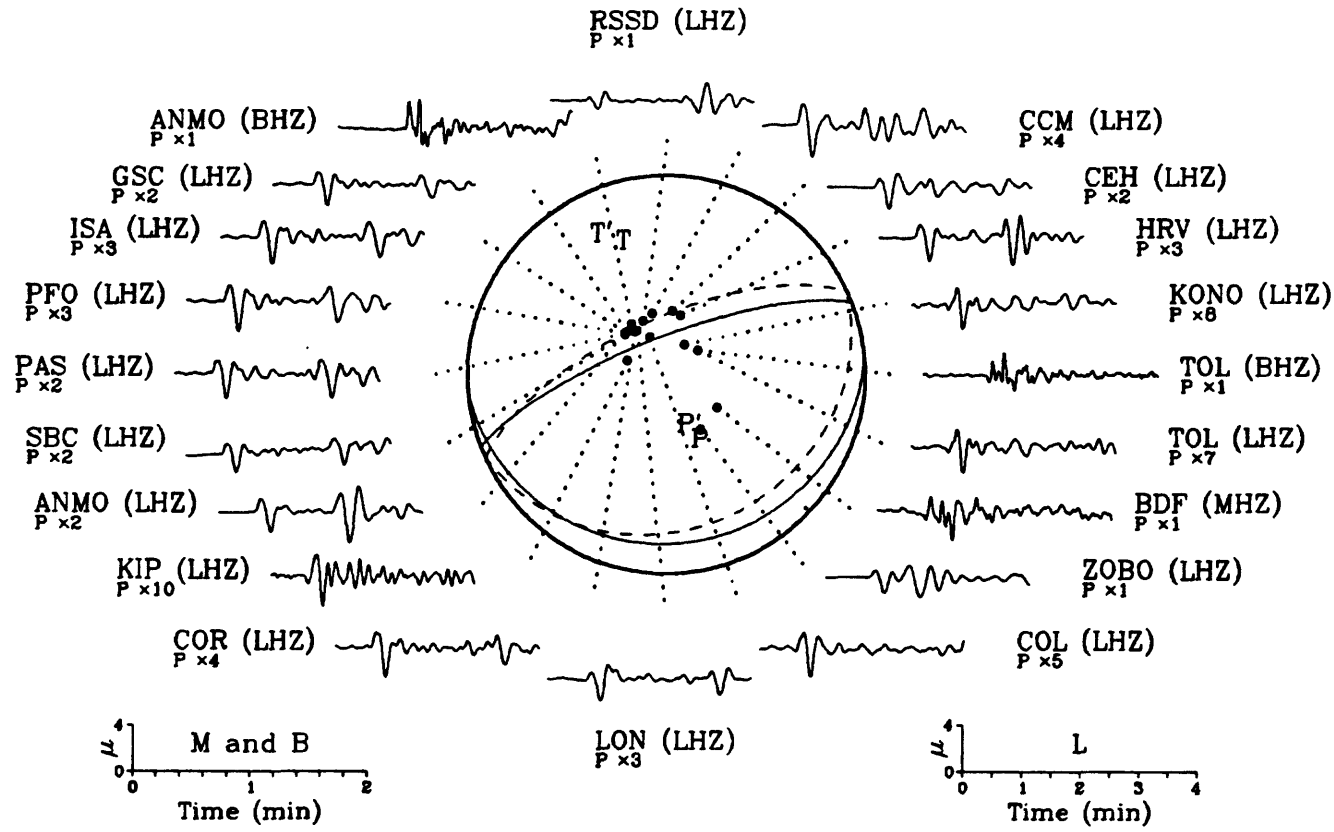
21 June 1992 17:43:08.84
North Island, New Zealand



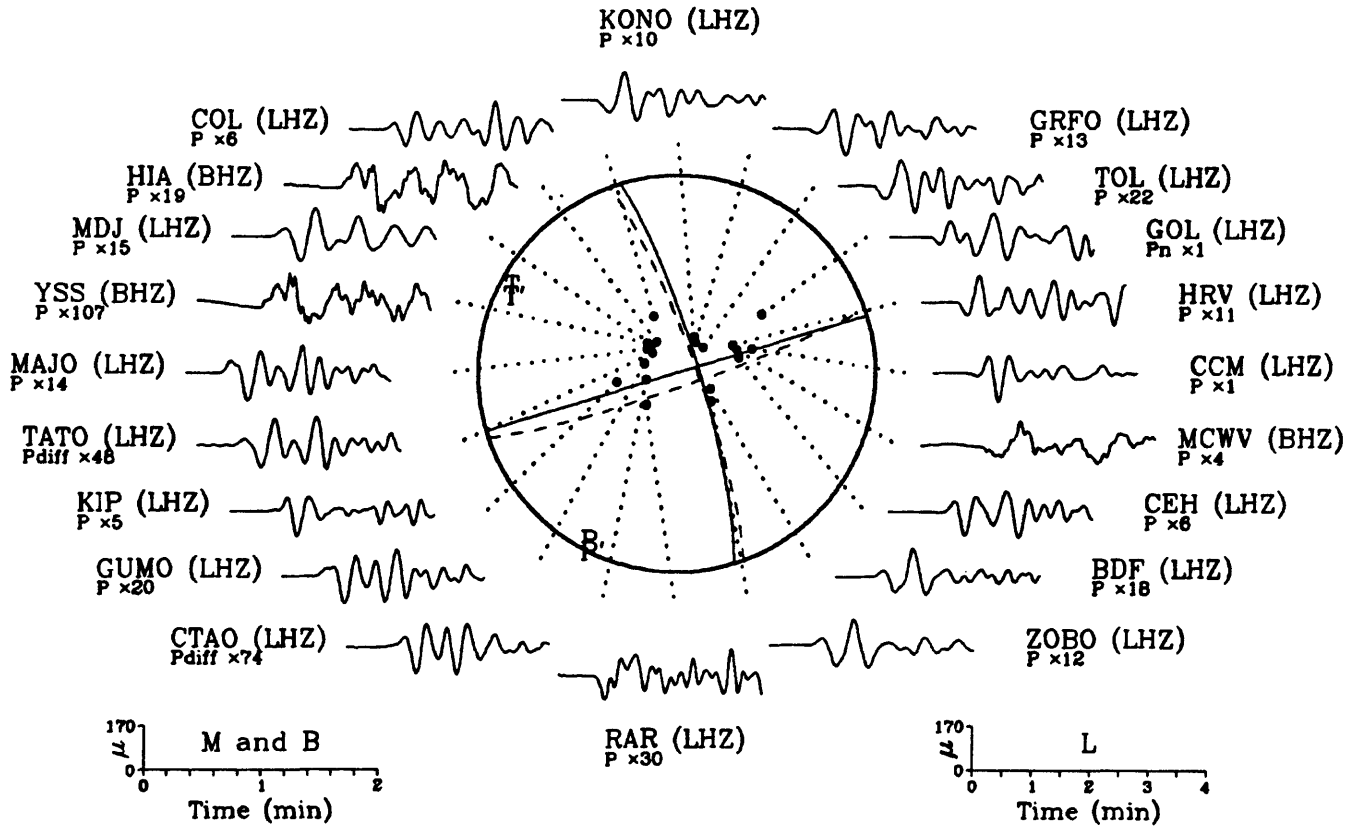
25 June 1992 06:30:51.00
Kermadec Islands Region



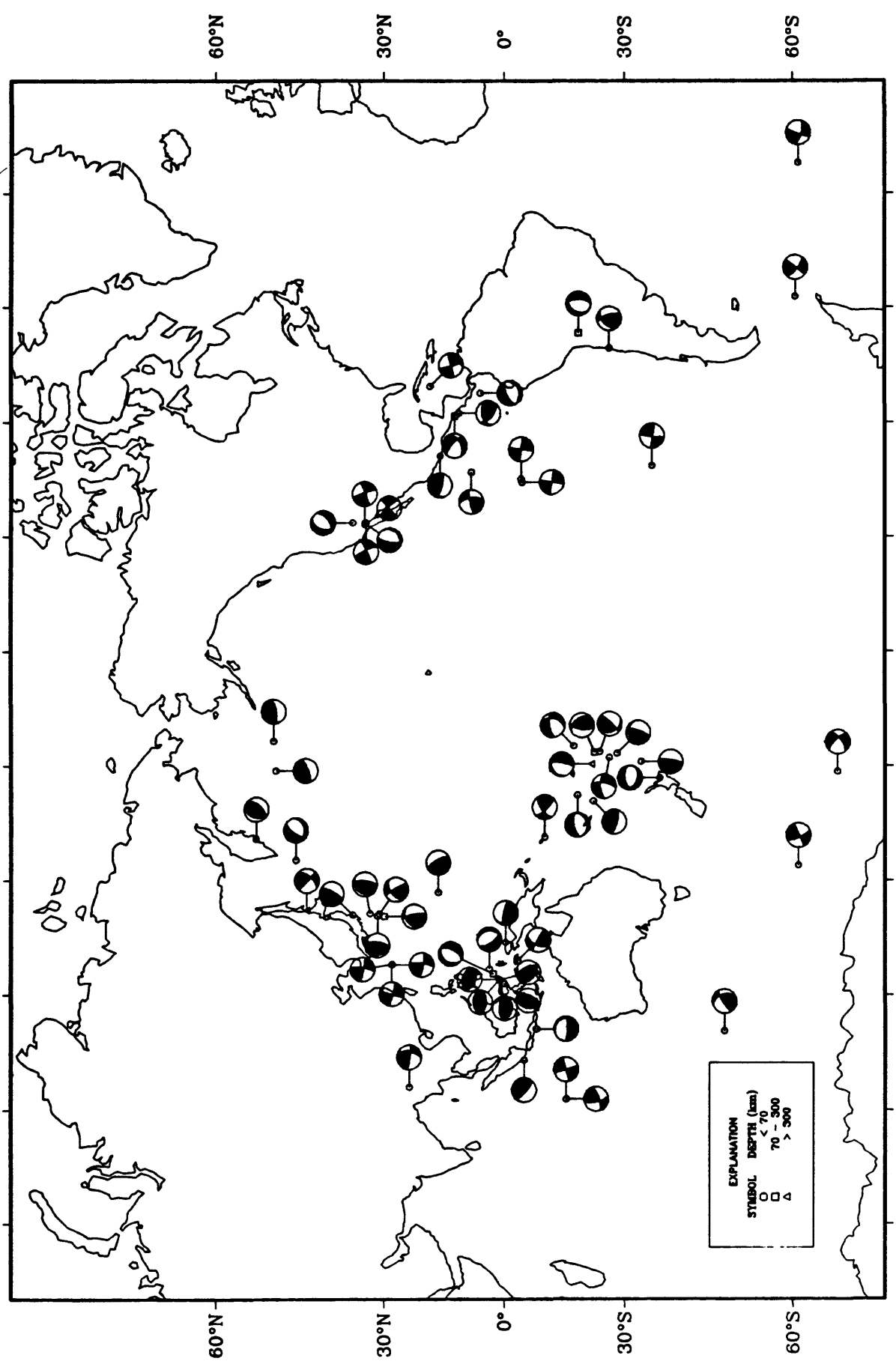
26 June 1992 11:32:27.18
South of Panama

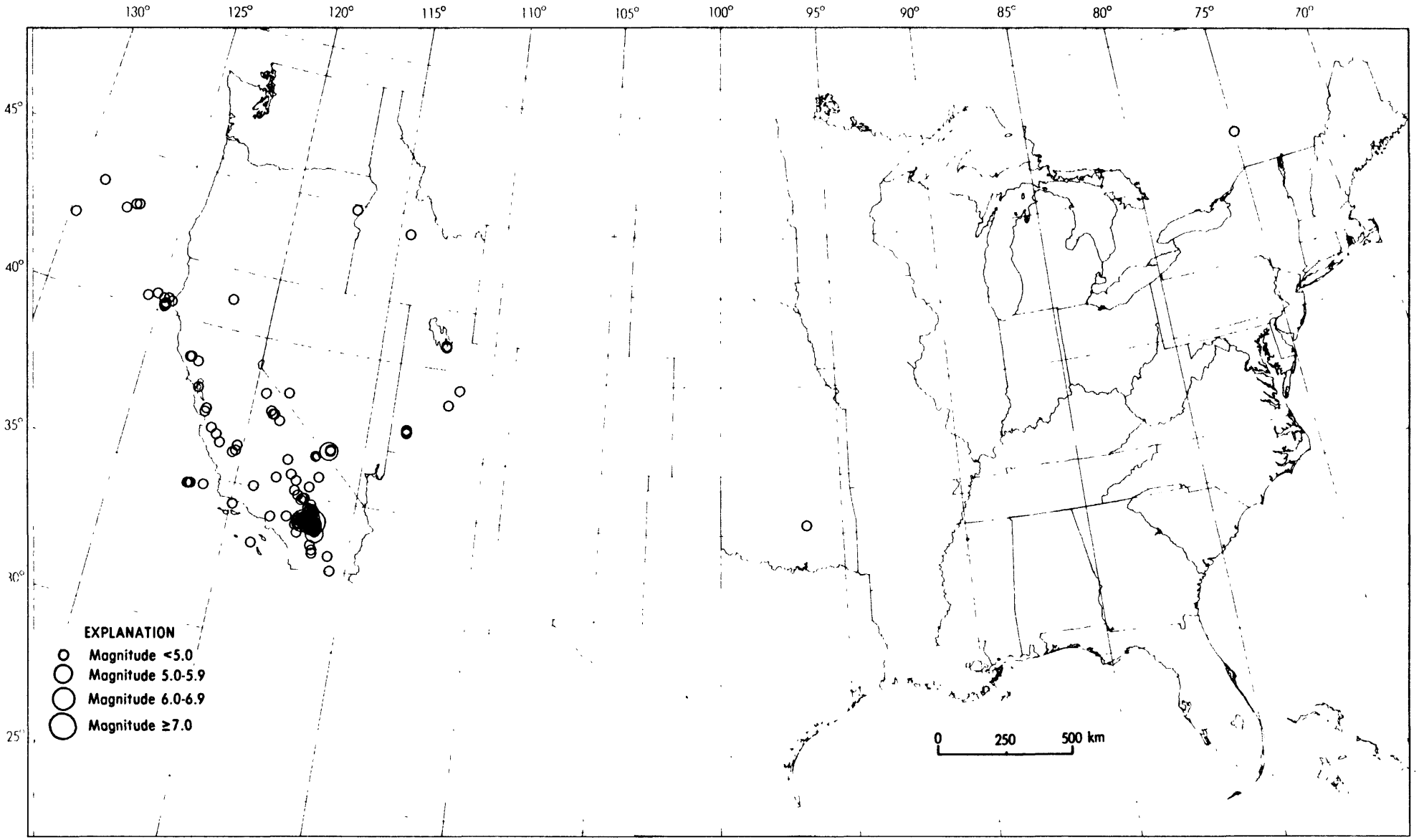


28 June 1992 11:57:34.12
Southern California

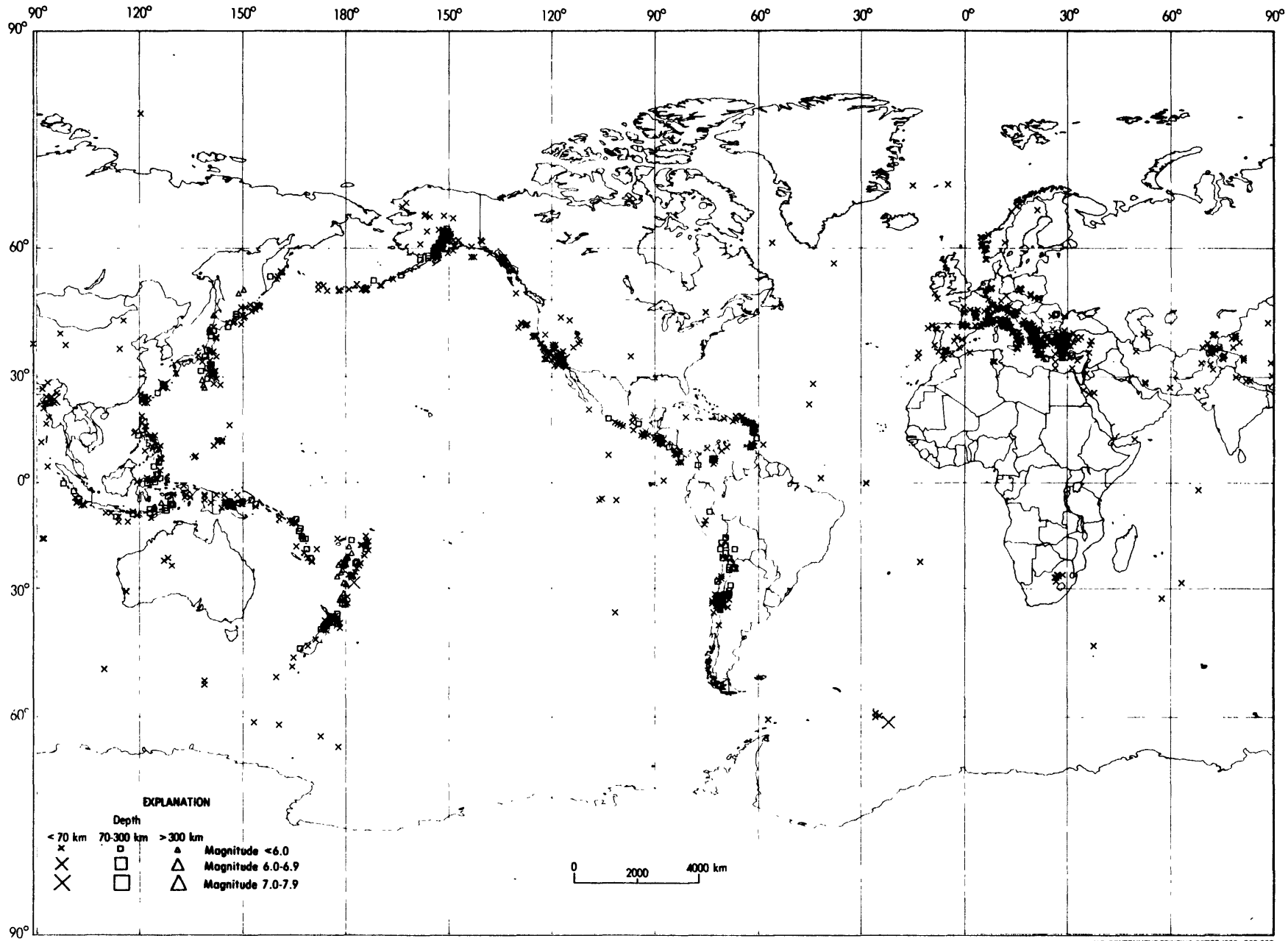


Earthquake Focal Mechanisms for June 1992





Earthquake epicenters in the conterminous United States and adjacent regions for June, 1992 (C. Stover).



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Earthquakes located in June, 1992 (C. Stover).