UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

PRELIMINARY DETERMINATION OF EPICENTERS MONTHLY LISTING

JULY - SEPTEMBER 1992

NATIONAL EARTHQUAKE INFORMATION CENTER

Open File Report

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1992

PRELIMINARY DETERMINATION OF EPICENTERS

MONTHLY LISTING

U.S. DEPARTMENT OF THE INTERIOR / GEOLOGICAL SURVEY

National Earthquake Information Center

JULY 1992

K E Y	DAY	ORIGIN TIME UTC HR	MN	SEC	GEOGRAPHIC COORDINATES LAT	LONG	DEPTH	MAGNITUDES GS MB	Msz	SD	NO. STA USED	REGION, CONTRIBUTED MAGNITUDES AND COMMENTS
	01	00	03	17 4*	34.662 N	116.591 W	5 G			1.0	6	SOUTHERN CALIFORNIA. ML 2.9 (GS).
	01	00	04	31.2?	11.45 N	61.77 W	60 G			0.2	5	WINDWARD ISLANDS. MD 3.4 (TRN).
	01	00	04	43.0&	34.451 N	116.493 W	1				6	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.0 (GS).
	01	00	12	05.4&	34.202 N	116.834 W	1				13	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.4 (GS).
	01	00	13	36.2*	37.589 S	177.241 E	202 *	3.5		1.0	36	OFF E. COAST OF N. ISLAND, N.Z.
	01	00	14	26.8&	34.081 N	116.989 W	4				12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.6 (PAS), 3.6 (GS).
	01	00	32	25.7&	34.262 N	116.730 W	3				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS).
	01	00	39	21.1	34.147 N	116.760 W	5 G			0.7	10	SOUTHERN CALIFORNIA. ML 3.1 (GS).
	01	01	43	34.0&	34.449 N	116.470 W	3				11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.0 (GS).
	01	02	12	12.1	28.015 N	55.277 E	75 *	4.3		0.8	34	SOUTHERN IRAN
	01	02	13	07.0	53.902 N	161.448 E	36 D	4.7	3.9	1.2	103	OFF EAST COAST OF KAMCHATKA
	01	02	24	01.3&	34.397 N	116.456 W	2				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.1 (GS).
	01	03	23	05.9?	33.66 S	71.69 W	10 G			0.5	7	NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	01	03	26	46.2*	33.723 S	71.663 W	23			0.6	12	NEAR COAST OF CENTRAL CHILE. MD 4.3 (SAN).
	01	04	24	11.5*	34.141 N	116.313 W	5 G			1.0	6	SOUTHERN CALIFORNIA. ML 3.0 (GS). Multiple event.
	01	04	35	59.8*	19.003 S	112.018 E	33 N	4.4		1.3	18	NORTHWEST OF AUSTRALIA
	01	04	43	53.0	34.115 N	116.742 W	5 G			1.0	10	SOUTHERN CALIFORNIA. ML 3.2 (GS). MD 3.1 (PAS).
	01	04	49	16.4?	35.53 S	71.16 W	110 G			0.5	12	CENTRAL CHILE. MD 4.4 (SAN).
	01	04	54	38.6?	48.03 N	6.95 E	10 G			0.3	5	FRANCE. ML 2.2 (LDG).
	01	05	57	37.8?	33.19 S	70.79 W	80 G			0.1	6	CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).
	01	06	16	56.7&	35.678 N	117.613 W	4	4.0			44	CENTRAL CALIFORNIA. <PAS-P>. ML 4.6 (PAS), 4.4 (GS). Felt (V) at Ridgecrest. Felt (III) at Lake Isabella and Wofford Heights.
	01	06	48	21 8	34 022 N	116.412 W	5 G			0.7	13	SOUTHERN CALIFORNIA. ML 3.3 (GS). MD 3.2 (PAS).
	01	07	01	49 1&	34.097 N	116.382 W	0	4.4			44	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.3 (PAS).
	01	07	04	24 4&	34 057 N	116.372 W	1				5	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.6 (PAS), 3.3 (GS).
	01	07	13	17 4&	34 102 N	116.387 W	0				16	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.8 (PAS), 3.7 (GS).
	01	07	18	09.2&	34.092 N	116.380 W	1				10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS).
	01	07	20	00.0&	34.062 N	116.368 W	0				6	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS).
	01	07	30	55.0*	34.101 N	116.351 W	5 G			0.3	5	SOUTHERN CALIFORNIA. ML 2.9 (GS).
	01	07	36	48.6&	34 926 N	116.891 W	3				5	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS).
	01	07	40	29 8&	34 332 N	116.462 W	9	4.8	4.7		97	SOUTHERN CALIFORNIA. <PAS-P>. ML 5.4 (PAS). Felt (V) at Big Bear City, Highland, Moronga Valley and Yucca Valley; (IV) at Baron, Joshua Tree, Oceanside and Yucaipa; (III) at Baker, Calimesa, Colton, Descanso, Desert Center, Forest Falls, Lancaster, La Quinta, Niland, Palm Springs, Pearblossom and Ramona. Felt in Imperial, Kern, Los Angeles, Riverside, San Bernardino and San Diego Counties.
	01	08	37	01 2?	40.99 N	1.37 W	10 G			0.9	9	SPAIN
	01	08	39	50.0&	34.205 N	116.861 W	3				11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.1 (GS).
	01	08	59	38 7	34.625 N	116.718 W	5 G			0.7	13	SOUTHERN CALIFORNIA. ML 3.0 (GS). MD 3.1 (PAS).
	01	09	28	53 2&	34.930 N	116.927 W	0				14	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.1 (GS).
	01	09	44	43 3&	34 086 N	116.411 W	9				12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.6 (PAS), 3.4 (GS).
	01	10	00	10.0&	33 970 N	116.373 W	3				11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
	01	10	19	19.3?	33.84 S	71.71 W	33 N			0.8	7	NEAR COAST OF CENTRAL CHILE. MD 3.5 (SAN).
	01	10	21	07.8	34.103 N	116.370 W	5 G			0.8	11	SOUTHERN CALIFORNIA. ML 3.2 (GS). MD 3.2 (PAS).
	01	10	29	47.6&	34.971 N	116.937 W	1				27	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.3 (PAS), 4.1 (GS). Felt at Barstow.
	01	10	32	52.2&	34.973 N	116.936 W	0				27	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.1 (PAS), 4.1 (GS). Felt at Barstow.
	01	10	41	30.9	34.111 N	116.407 W	5 G			0.6	10	SOUTHERN CALIFORNIA. ML 3.0 (GS). MD 3.1 (PAS).
	01	11	02	23.2	34.601 N	116.615 W	5 G			1 1	13	SOUTHERN CALIFORNIA. ML 3 0 (GS). MD 3.1 (PAS).
	01	11	29	09.6	40.625 N	32.576 E	10 G			0.8	6	TURKEY
	01	11	36	25.6?	39.32 N	28.24 E	10 G			1 5	5	TURKEY
	01	11	54	48.7&	34.187 N	116.801 W	1				10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS).
	01	11	58	42.3	34.184 N	116.884 W	5 G			0.6	9	SOUTHERN CALIFORNIA. ML 3.4 (GS).
	01	13	34	08.2?	27.40 N	126.02 E	220 G	4 2		1.2	20	NORTHWEST OF RYUKYU ISLANDS

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	01	14	13	11.0?	26.79	S	177.10	W	165 ?		4.6	1.4	11	SOUTH OF FIJI ISLANDS
	01	15	07	06.4	34.113	N	116.421	W	5	G		0.6	10	SOUTHERN CALIFORNIA. ML 3.0 (GS). MD 3.3 (PAS).
	01	15	13	32.3*	31.473	N	15.758	E	10	G	4.3	1.5	37	NEAR COAST OF LIBYA
	01	15	48	04.0&	34.629	N	116.551	W	0				10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
a	01	17	00	51.3	7.184	S	129.389	E	138		5.6	1.0	200	BANDA SEA
	01	17	07	15.0&	34.274	N	116.692	W	5				24	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.2 (PAS), 4.0 (GS). Felt at Indio.
	01	17	10	46.2&	59.410	N	152.943	W	87				46	SOUTHERN ALASKA. <AEIC>.
	01	17	12	19.6&	40.532	N	124.523	W	4	G			6	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.1 (BRK).
	01	17	13	46.6&	34.300	N	116.832	W	3				5	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
	01	17	25	43.1*	4.720	S	152.972	E	69	*	4.5	0.7	7	NEW BRITAIN REGION, P.N.G.
	01	17	31	53.9?	33.31	S	179.24	W	33	N	4.8 4.5	1.1	10	SOUTH OF KERMADEC ISLANDS
	01	17	45	45.5	34.284	N	116.728	W	5	G		0.8	23	SOUTHERN CALIFORNIA. ML 4.1 (GS). MD 3.7 (PAS). Felt at Riverside.
	01	17	54	11.9?	33.78	S	71.59	W	10	G		0.5	7	NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).
	01	18	07	29.5*	34.688	N	116.316	W	5	G		1.4	6	SOUTHERN CALIFORNIA. ML 2.9 (GS). MD 3.2 (PAS).
	01	18	15	09.8	34.256	N	116.772	W	5	G		0.8	7	SOUTHERN CALIFORNIA. ML 3.3 (GS). MD 3.1 (PAS).
	01	18	25	22.4&	34.442	N	116.509	W	1				16	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.8 (PAS), 3.4 (GS).
	01	18	48	39.1*	36.103	N	142.000	E	35	*	4.4	1.5	25	OFF EAST COAST OF HONSHU, JAPAN
	01	19	25	22.8&	34.121	N	116.402	W	0				8	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	01	19	36	28.1&	34.172	N	116.411	W	0				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.1 (GS).
	01	19	53	24.0	44.043	N	6.949	E	10	G		0.5	10	FRANCE. ML 2.6 (LDG).
	01	19	54	49.5	4.908	S	151.646	E	141		5.0	0.6	18	NEW BRITAIN REGION, P.N.G.
	01	20	03	17.0*	33.410	S	177.609	W	33	N	5.3	1.2	26	SOUTH OF KERMADEC ISLANDS
	01	20	22	51.1&	58.427	N	152.663	W	47		3.2		42	KODIAK ISLAND REGION. <AEIC>. ML 3.2 (AEIC).
	01	20	22	51.5&	34.337	N	116.459	W	0				10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.0 (GS).
	01	20	41	17.9&	34.257	N	116.449	W	0				8	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 2.9 (GS).
	01	20	45	45.8&	34.282	N	116.724	W	1				9	SOUTHERN CALIFORNIA. <PAS-P>.
	01	20	46	17.8&	34.275	N	116.730	W	1				19	SOUTHERN CALIFORNIA. <PAS-P>. MD 4.2 (PAS).
	01	20	53	56.7&	34.281	N	116.731	W	1				14	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.0 (PAS), 4.0 (GS).
	01	22	01	56.1	43.412	N	5.443	E	10	G		0.5	8	NEAR SOUTH COAST OF FRANCE. ML 2.7 (STR).
	01	22	06	32.9	44.076	N	7.051	E	10	G		0.4	21	NORTHERN ITALY. ML 2.6 (LDG), 2.3 (GEN).
	01	22	58	42.0&	34.161	N	116.402	W	0				11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.7 (PAS), 3.5 (GS).
	01	23	22	11.1?	33.06	S	71.33	W	33	N		0.3	7	NEAR COAST OF CENTRAL CHILE. MD 3.5 (SAN).
	01	23	44	57.0?	31.78	S	70.34	W	143 ?			0.3	12	CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
	01	23	46	47.1&	34.343	N	116.467	W	1				11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.6 (PAS), 3.5 (GS).
	01	23	50	50.3&	34.009	N	116.373	W	1				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS).
	02	00	05	38.5*	29.441	S	69.570	W	110	G		1.1	16	CHILE-ARGENTINA BORDER REGION. MD 4.3 (SAN).
	02	00	16	22.3&	34.313	N	116.444	W	7				14	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.0 (PAS), 3.8 (GS).
	02	00	17	24.7	39.560	N	25.924	E	10	G		0.9	12	AEGEAN SEA. MD 3.1 (THE).
	02	00	51	59.8?	24.43	N	94.84	E	33	N		1.1	8	MYANMAR-INDIA BORDER REGION
	02	01	12	00.6&	38.464	N	118.264	W	5				14	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.2 (GM).
	02	01	37	25.1%	40.581	N	23.460	E	10	G		0.5	6	GREECE. MD 1.8 (THE).
	02	01	40	26.0&	35.677	N	117.611	W	6				11	CENTRAL CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	02	01	51	11.8&	33.979	N	116.337	W	1				7	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 2.8 (GS).
	02	01	53	35.7%	37.67B	S	176.826	E	5	G		0.5	12	NORTH ISLAND, NEW ZEALAND. ML 3.7 (WEL).
	02	02	30	37.5	40.736	N	19.801	E	10	G		1.1	9	ALBANIA. MD 2.8 (TIR).
	02	02	56	29.3&	34.796	N	116.308	W	0				7	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.1 (GS).
	02	03	21	04.6&	35.689	N	117.615	W	6				15	CENTRAL CALIFORNIA. <PAS-P>. ML 3.6 (PAS), 3.4 (GS). Felt at Ridgecrest.
	02	03	31	18.1&	34.032	N	117.120	W	5				22	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 2.8 (GS). Felt at Redlands.
	02	03	33	45.8&	34.281	N	116.706	W	1				8	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	02	03	52	46.3%	45.001	N	3.220	E	10	G		1.2	10	FRANCE. ML 2.4 (LDG).
	02	04	12	09.3*	34.468	N	116.352	W	5	G		0.6	6	SOUTHERN CALIFORNIA. ML 2.9 (GS).
a	02	04	19	47.3	30.985	N	141.344	E	41	D	5.2 4.5	1.1	84	SOUTH OF HONSHU, JAPAN
	02	04	26	53.5&	34.957	N	116.786	W	3				11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.2 (GS).
	02	04	58	37.5	26.420	S	27.362	E	5	G		1.4	7	REPUBLIC OF SOUTH AFRICA. mbLg 3.4 (BUL).
	02	05	16	32.2&	34.383	N	116.452	W	1				18	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.0 (PAS), 3.6 (GS).
	02	05	20	31.6&	35.685	N	117.616	W	6				14	CENTRAL CALIFORNIA. <PAS-P>. ML 3.6 (PAS), 3.5 (GS). Felt at Ridgecrest.
a	02	06	13	36.7	32.903	S	178.592	W	10	G	5.5 5.4	1.3	77	SOUTH OF KERMADEC ISLANDS
	02	06	13	43.5&	34.132	N	116.856	W	8				12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.7 (GS).
	02	06	24	57.1&	34.258	N	116.738	W	3				18	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.6 (PAS), 3.4 (GS).
	02	06	29	55.8	43.189	N	18.890	E	10	G		0.6	10	NORTHWESTERN BALKAN REGION. ML 2.5 (TTG).
	02	06	46	17.0%	37.704	N	3.538	W	10	G		0.6	14	SPAIN. mbLg 3.3 (MDD). Felt (III) in the Cambil area.
	02	07	01	04.8&	35.683	N	117.617	W	6				25	CENTRAL CALIFORNIA. <PAS-P>. ML 4.2 (PAS), 3.8 (GS), 4.0 (BRK). Felt at Ridgecrest.
	02	07	56	26.3&	34.138	N	116.856	W	3				12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.6 (PAS), 3.5 (GS).
	02	08	07	53.1&	34.599	N	116.635	W	6	G			8	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 2.6 (GS).
	02	08	08	42.5*	31.496	S	69.541	W	126	*		0.8	17	SAN JUAN PROVINCE, ARGENTINA. MD 4.2 (SAN).
	02	08	13	51.4&	34.118	N	116.992	W	5				12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.2 (GS).
	02	08	14	51.4?	40.31	N	23.38	E	10	G		0.1	4	GREECE
	02	08	17	50.8%	30.469	S	68.914	W	33	N		0.4	8	SAN JUAN PROVINCE, ARGENTINA
	02	08	25	04.5&	34.002	N	116.386	W	1				6	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 2.9 (GS).
	02	08	31	44.2&	34.960	N	116.785	W	2				11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.0 (GS).
	02	08	41	27.8&	34.413	N	116.479	W	7				10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 2.8 (GS).
	02	08	45	27.7&	34.423	N	116.533	W	2				14	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.6 (PAS), 3.6 (GS).
	02	08	49	44.2*	31.637	S	68.322	W	33	N		0.9	5	SAN JUAN PROVINCE, ARGENTINA
	02	09	22	01.5*	34.260	N	116.734	W	5	G		0.8	9	SOUTHERN CALIFORNIA. ML 2.7 (GS).
	02	09	36	24.8	43.417	N	5.451	E	10	G		0.5	8	NEAR SOUTH COAST OF FRANCE. ML 2.6 (STR).
	02	09	40	09.9*	44.815	N	12.305	E	10	G		0.3	5	NORTHERN ITALY. MD 2.4 (TRI), 2.4 (LJU).
	02	09	41	59.7&	33.987	N	116.342	W	2				10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS).
	02	09	42	09.1&	34.097	N	116.993	W	3				5	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS).
	02	09	47	00.2	0.798	N	122.823	E	87	*	4.8	1.0	28	MINAHASSA PENINSULA, SULAWESI
	02	09	51	59.2&	34.514	N	116.527	W	1				15	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.8 (PAS), 3.8 (GS).
	02	09	54	20.7%	37.733	N	3.519	W	10	G		0.6	10	SPAIN. mbLg 2.9 (MDD).
	02	10	14	25.1*	39.686	N	20.383	E	10	G		1.1	8	GREECE-ALBANIA BORDER REGION. MD 2.4 (THE).
	02	10	43	55.3&	33.922	N	116.294	W	0				10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.1 (GS).
	02	10	51	31.1&	34.585	N	116.550	W	0				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.0 (GS).
	02	11	03	36.5%	40.598	N	15.469	E	10	G		1.2	9	SOUTHERN ITALY
	02	11	22	47.4*	59.875	N	5.532	E	10	G		1.1	5	SOUTHERN NORWAY. ML 1.0 (NAO). MD 1.7 (BER).
	02	11	29	17.5?	42.40	N	24.17	E	10	G		0.8	6	BULGARIA. MD 2.7 (THE).

	02	11	31	24.0&	34.073	N	116.421	W	0			13	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.7 (PAS), 3.5 (GS).
	02	11	34	54.1?	45.55	N	25.49	E	33 N		1.2	5	ROMANIA
	02	11	57	10.3	32.113	S	69.804	W	120 G		0.6	9	MENDOZA PROVINCE, ARGENTINA. MD 3.9 (SAN).
	02	12	00	10.1*	37.873	N	29.320	E	10 G		1.1	7	TURKEY. MG 3.2 (DDA).
	02	12	17	41.1&	34.575	N	116.573	W	0			9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.1 (GS).
	02	12	56	32.4&	34.551	N	116.544	W	0			6	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 2.8 (GS).
	02	13	00	04.9&	35.029	N	116.970	W	4			12	CENTRAL CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.2 (GS).
	02	13	05	11.7*	41.644	N	22.353	E	10 G		0.3	6	NORTHWESTERN BALKAN REGION. ML 2.3 (SKO). MD 2.4 (THE).
	02	13	09	50.9	48.506	N	113.002	W	10 G		0.7	15	MONTANA. ML 3.8 (GS). Felt (V) at East Glacier Park, (III) at Heart Butte and (II) at Conrad. Also felt at Browning.
a	02	13	48	48.5	1.597	N	126.859	E	82 *	5.2	1.3	76	NORTHERN MOLUCCA SEA
	02	13	59	21.6&	35.632	N	121.155	W	9			12	CENTRAL CALIFORNIA. <BRK-P>. MD 4.1 (GM). ML 4.0 (GS). Felt at Cambria and San Simeon.
	02	14	39	34.3	50.439	N	5.943	E	17		0.7	20	BELGIUM. ML 2.8 (LDG).
	02	15	11	56.8&	34.036	N	116.352	W	1			10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.2 (GS).
	02	15	33	32.3*	8.820	N	126.180	E	88	4.8	0.8	11	MINDANAO, PHILIPPINE ISLANDS
	02	16	08	25.0&	34.113	N	116.970	W	6 G			8	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.0 (PAS). ML 2.9 (GS).
	02	16	27	54.9	34.360	N	116.673	W	5 G		1.1	12	SOUTHERN CALIFORNIA. ML 3.5 (GS). MD 3.4 (PAS).
	02	16	32	46.5&	34.340	N	116.670	W	0			7	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.1 (GS).
	02	17	21	41.7?	7.43	N	127.30	E	33 N	4.1	1.1	5	PHILIPPINE ISLANDS REGION
	02	17	21	59.6*	31.171	N	142.759	E	33 N	4.5	0.8	13	SOUTH OF HONSHU, JAPAN
	02	17	26	39.5&	34.127	N	116.913	W	5			7	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	02	17	43	24.3&	59.860	N	153.531	W	131			45	SOUTHERN ALASKA. <AEIC>.
	02	18	04	32.1	38.475	N	118.153	W	5 G		0.9	7	CALIFORNIA-NEVADA BORDER REGION. MD 3.0 (GM).
	02	18	21	39.5&	34.045	N	116.350	W	2			13	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.6 (PAS), 3.6 (GS).
	02	18	28	45.8%	41.017	N	23.495	E	10 G		0.3	6	GREECE-BULGARIA BORDER REGION. MD 2.1 (THE).
	02	18	34	26.1&	34.384	N	116.457	W	3			9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.7 (GS).
	02	18	45	50.4*	34.803	S	148.940	E	10 G		1.4	7	NEW SOUTH WALES, AUSTRALIA. ML 3.0 (CMS).
	02	18	53	50.0&	34.142	N	116.468	W	6 G			14	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.1 (PAS). ML 3.2 (GS).
	02	19	02	07.7?	41.38	N	24.46	E	10 G		0.3	4	GREECE-BULGARIA BORDER REGION. MD 1.9 (THE).
	02	19	13	12.3&	35.677	N	117.619	W	5			13	CENTRAL CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.2 (GS). Felt at Ridgecrest.
	02	19	43	25.8	44.397	N	11.471	E	10 G		1.3	51	NORTHERN ITALY. ML 3.2 (LDG), 3.1 (VIE). MD 3.2 (FIR).
	02	19	52	27.1?	19.26	S	72.24	W	10 G		1.0	5	OFF COAST OF NORTHERN CHILE
	02	19	59	41.3	34.193	N	116.360	W	5 G		0.8	12	SOUTHERN CALIFORNIA. ML 3.2 (GS). MD 3.0 (PAS).
	02	20	11	53.4&	34.618	N	116.657	W	0			8	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	02	20	31	36.7&	33.359	N	117.588	W	10			4	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	02	20	49	24.8&	33.982	N	116.346	W	3			9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.0 (GS).
	02	21	03	22.5&	34.202	N	116.782	W	2			12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.2 (GS).
	02	22	10	26.9?	24.25	N	94.59	E	155 ?	3.8	0.8	12	MYANMAR-INDIA BORDER REGION
	02	22	25	29.0&	35.675	N	117.620	W	5			26	CENTRAL CALIFORNIA. <PAS-P>. ML 4.3 (PAS), 4.0 (GS), 4.3 (BRK). Felt at Ridgecrest.
	02	22	37	04.1&	34.979	N	116.937	W	1			16	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 3.4 (GS).
	02	22	54	45.4	15.567	N	60.813	W	33 N		0.2	9	LEEWARD ISLANDS. ML 2.7 (FDF).
	02	22	56	13.9	42.535	N	141.795	E	138	4.3	0.8	23	HOKKAIDO, JAPAN REGION
	02	23	10	55.2*	11.436	S	118.648	E	33 N	4.4	0.9	10	SOUTH OF SUMBAWA, INDONESIA
a	02	23	32	03.7	34.843	S	54.544	E	10 G	5.3 4.9	1.1	72	SOUTHWEST INDIAN RIDGE
	03	01	05	47.7&	34.245	N	116.883	W	11			9	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.8 (GS).
	03	01	38	36.2&	34.574	N	116.500	W	0			13	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.1 (GS).
	03	02	32	15.3	54.236	N	34.696	W	10 G	4.6 3.6	1.1	43	NORTH ATLANTIC OCEAN
	03	02	37	46.8&	33.165	N	115.641	W	5			13	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	03	02	40	50.9&	33.169	N	115.644	W	4			9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS).
	03	02	41	56.7?	32.10	S	71.86	W	86 ?		1.1	15	NEAR COAST OF CENTRAL CHILE. MD 4.4 (SAN).
	03	03	06	10.2*	8.702	N	125.629	E	53 *	4.6	1.1	7	MINDANAO, PHILIPPINE ISLANDS
	03	04	10	47.4	34.125	N	116.417	W	5 G		0.5	11	SOUTHERN CALIFORNIA. ML 3.2 (GS). MD 3.2 (PAS).
	03	04	13	33.2*	39.202	N	144.167	E	10 G	4.8	1.4	12	OFF EAST COAST OF HONSHU, JAPAN
	03	04	15	50.3&	34.210	N	116.771	W	11			16	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.6 (PAS), 3.6 (GS).
	03	04	19	40.3	34.177	N	116.758	W	5 G		0.2	6	SOUTHERN CALIFORNIA. ML 3.1 (GS). MD 3.0 (PAS).
	03	05	10	55.8	34.102	N	116.969	W	5 G		0.5	9	SOUTHERN CALIFORNIA. ML 3.0 (GS). MD 3.0 (PAS).
	03	05	55	42.2&	34.018	N	116.348	W	3			12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.1 (GS).
	03	06	24	41.5%	39.176	N	22.948	E	10 G		0.9	5	GREECE. MD 2.1 (THE).
	03	07	01	30.2?	33.75	S	72.36	W	33 N		0.9	11	OFF COAST OF CENTRAL CHILE. MD 4.3 (SAN).
	03	07	14	06.6	34.624	N	116.663	W	5 G		0.5	9	SOUTHERN CALIFORNIA. ML 2.7 (GS). MD 2.9 (PAS).
	03	07	21	43.7&	59.548	N	153.088	W	98	3.3		47	SOUTHERN ALASKA. <AEIC>.
	03	07	29	43.6%	38.170	S	175.987	E	222 *		0.5	29	NORTH ISLAND, NEW ZEALAND
	03	07	50	31.5	34.157	N	116.765	W	5 G		0.5	12	SOUTHERN CALIFORNIA. ML 3.3 (GS). MD 3.2 (PAS).
	03	08	20	41.5	26.448	S	27.432	E	5 G	3.8	1.0	11	REPUBLIC OF SOUTH AFRICA. mbLg 3.9 (BUL).
	03	08	50	08.7*	35.073	N	27.183	E	55 *	3.8	1.4	25	DODECANESE ISLANDS
	03	08	52	39.8?	33.28	S	72.21	W	10 G		0.3	9	OFF COAST OF CENTRAL CHILE. MD 4.3 (SAN).
	03	09	14	05.3*	43.877	N	8.762	E	10 G		0.7	12	CORSICA. ML 2.2 (GEN).
	03	09	30	18.3*	60.710	N	5.647	E	10 G		0.3	5	SOUTHERN NORWAY. ML 1.6 (NAO). MD 1.6 (BER).
	03	09	33	21.3	34.599	N	116.582	W	5 G		0.7	9	SOUTHERN CALIFORNIA. ML 2.7 (GS). MD 3.0 (PAS).
	03	09	49	32.0&	34.957	N	116.958	W	6 G			17	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.7 (PAS). ML 3.5 (GS). Felt at Barstow.
	03	10	11	29.7%	43.270	N	18.798	E	10 G		0.3	8	NORTHWESTERN BALKAN REGION. ML 1.7 (TTG).
	03	10	24	34.0&	34.052	N	116.408	W	6 G			11	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.1 (PAS). ML 3.0 (GS).
	03	10	28	55.8%	44.296	N	7.432	E	10 G		0.3	6	NORTHERN ITALY. ML 1.8 (GEN).
	03	10	30	01.0&	34.075	N	116.440	W	6 G			20	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.5 (PAS). ML 3.7 (GS).
	03	10	40	08.0&	34.202	N	116.863	W	6 G			14	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.7 (PAS). ML 3.6 (GS).
	03	10	53	48.2	33.897	N	116.232	W	5 G		0.6	9	SOUTHERN CALIFORNIA. ML 2.8 (GS). MD 2.9 (PAS).
	03	11	29	29.7?	37.25	S	177.31	E	150 G		0.1	5	OFF E. COAST OF N. ISLAND, N.Z.
	03	11	35	37.1%	44.297	N	7.462	E	10 G		0.5	6	NORTHERN ITALY. ML 1.6 (GEN).
	03	11	40	26.0	33.875	N	116.287	W	5 G		1.0	10	SOUTHERN CALIFORNIA. ML 2.8 (GS). MD 3.1 (PAS).
	03	11	56	18.0&	34.058	N	116.482	W	6 G			10	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.0 (PAS). ML 3.2 (GS).
	03	12	15	39.6	34.229	N	116.719	W	5 G		0.7	10	SOUTHERN CALIFORNIA. ML 3.4 (GS).
	03	12	17	07.0*	32.058	S	69.446	W	130 G		0.8	11	MENDOZA PROVINCE, ARGENTINA. MD 4.1 (SAN).

	03	12	19	00.1	51.180	N	179.692	W	33	N	4.9 3.6	1.1	144	ANDREANOF ISLANDS, ALEUTIAN IS. ML 5.0 (PMR).
	03	12	29	50.5	34.580	N	116.552	W	5	G		0.8	10	SOUTHERN CALIFORNIA. ML 3.4 (GS).
	03	12	31	55.4*	21.160	S	68.547	W	119	*	4.5	1.0	8	CHILE-BOLIVIA BORDER REGION
	03	12	32	23.0&	34.633	N	116.505	W	6	G			10	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.4 (PAS). ML 3.1 (GS).
	03	13	03	21.4	43.270	N	18.832	E	10	G		0.3	9	NORTHWESTERN BALKAN REGION. ML 1.8 (TTG).
	03	13	22	36.7	35.798	N	117.785	W	5	G		1.3	21	CENTRAL CALIFORNIA. ML 3.6 (GS).
	03	14	09	48.8*	24.879	N	122.908	E	125	*	4.3	0.6	13	TAIWAN REGION
	03	14	22	16.4?	17.13	N	84.65	W	10	G	4.1	1.3	14	CARIBBEAN SEA
	03	14	46	43.4	34.103	N	116.360	W	5	G		0.4	9	SOUTHERN CALIFORNIA. ML 3.0 (GS). MD 3.1 (PAS).
	03	15	18	57.3*	51.264	N	15.714	E	5	G		1.3	9	POLAND. ML 3.6 (VIE), 3.4 (GRF), 3.3 (WAR).
	03	16	03	53.1*	37.599	S	177.411	E	168	*		0.9	19	OFF E. COAST OF N. ISLAND, N.Z.
	03	16	09	38.5%	41.238	N	21.955	E	10	G		0.7	6	NORTHWESTERN BALKAN REGION. MD 1.9 (THE).
	03	16	33	48.9*	21.949	S	68.597	W	108	*	4.0	1.0	10	CHILE-BOLIVIA BORDER REGION
	03	16	42	24.9%	17.148	N	96.371	W	10	G		1.2	6	OAXACA, MEXICO
	03	17	01	36.5	60.570	N	4.929	E	10	G		0.5	9	SOUTHERN NORWAY. ML 1.6 (NAO). MD 1.6 (BER).
	03	17	14	27.1	43.410	N	5.444	E	10	G		0.5	8	NEAR SOUTH COAST OF FRANCE. ML 2.6 (STR).
	03	17	17	04.4	34.261	N	116.826	W	5	G		1.0	15	SOUTHERN CALIFORNIA. ML 3.9 (GS).
	03	17	26	08.2	32.259	S	69.748	W	133	*		0.7	17	MENDOZA PROVINCE, ARGENTINA. MD 4.1 (SAN).
	03	18	15	57.3	34.269	N	116.626	W	5	G		0.8	8	SOUTHERN CALIFORNIA. ML 3.0 (GS). MD 3.1 (PAS).
	03	19	14	08.9&	34.078	N	116.412	W	1				7	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	03	19	49	56.6&	34.123	N	116.413	W	3				15	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.9 (PAS), 3.5 (GS).
	03	20	46	12.8&	60.094	N	140.705	W	13				17	SOUTHEASTERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	03	20	50	01.2&	60.960	N	150.951	W	42				57	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.1 (AEIC), 3.1 (PMR).
	03	20	52	46.2&	34.291	N	116.720	W	0				17	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.7 (PAS), 3.7 (GS).
	03	20	58	02.3&	34.542	N	116.550	W	4				10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 2.8 (GS).
	03	21	18	21.3&	61.974	N	150.219	W	42				33	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	03	21	18	22.9&	34.620	N	116.643	W	5				16	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.8 (PAS), 3.4 (GS).
	03	21	47	32.5	41.936	N	20.421	E	10	G		1.1	14	ALBANIA. ML 2.4 (TIR), 2.3 (TTG).
	03	21	52	20.5&	34.056	N	116.380	W	2				10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.2 (GS).
	03	22	03	39.7*	37.623	N	16.279	E	33	N		1.0	11	IONIAN SEA. ML 2.7 (ROM).
	03	22	04	25.1&	34.512	N	116.545	W	2				13	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS).
	03	22	54	07.5	37.675	S	176.788	E	5	G		0.7	17	NORTH ISLAND, NEW ZEALAND. ML 3.9 (WEL).
	03	22	58	30.8&	34.210	N	116.838	W	6	G			6	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	03	23	02	57.3&	34.015	N	116.338	W	1				6	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	03	23	10	42.7%	46.691	N	1.649	E	10	G		0.8	11	FRANCE
	03	23	18	03.0?	31.23	S	71.47	W	33	N		0.9	5	NEAR COAST OF CENTRAL CHILE
	03	23	44	04.6*	51.620	N	7.163	E	10	G		1.2	5	GERMANY
	04	00	12	09.4&	33.993	N	116.373	W	1				10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	04	00	58	38.2?	18.19	N	67.66	W	10	G		0.8	6	MONA PASSAGE
	04	02	32	00.0&	34.089	N	116.856	W	3				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.0 (GS).
	04	02	55	09.5	38.660	N	119.442	W	5	G		1.3	13	CALIFORNIA-NEVADA BORDER REGION. ML 3.8 (GS).
a	04	03	25	39.3	54.565	N	161.627	E	32	D	5.4 4.6	0.9	294	NEAR EAST COAST OF KAMCHATKA
	04	03	45	56.3&	37.633	N	118.063	W	9				23	CALIFORNIA-NEVADA BORDER REGION. <BRK>. ML 3.5 (BRK), 3.2 (GS). Felt at Dyer, Nevada.
	04	03	46	49.5?	6.75	S	147.97	E	56	?	4.4	1.2	6	EASTERN NEW GUINEA REG., P.N.G.
	04	03	48	22.3	37.718	N	118.032	W	5	G		0.3	7	CALIFORNIA-NEVADA BORDER REGION. ML 2.5 (GS).
	04	04	48	50.8&	33.928	N	116.327	W	3				11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.1 (GS).
	04	05	30	42.5*	1.745	N	127.999	E	82	*	4.7	0.5	11	HALMAHERA, INDONESIA
	04	05	56	30.3*	15.560	S	71.448	W	101	?	4.2	1.3	7	SOUTHERN PERU
	04	06	09	52.4&	34.089	N	116.856	W	3				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 2.8 (GS).
	04	06	26	19.7*	15.445	N	99.276	W	33	N	4.2	1.5	10	OFF COAST OF GUERRERO, MEXICO
	04	06	43	56.0%	33.478	S	70.895	W	70	G		0.8	7	CHILE-ARGENTINA BORDER REGION. MD 3.2 (SAN).
a	04	06	48	00.0	20.762	S	68.711	W	103	D	5.0	1.1	61	CHILE-BOLIVIA BORDER REGION
	04	06	48	15.6&	62.209	N	151.173	W	77				42	CENTRAL ALASKA. <AEIC>.
	04	06	50	01.2&	34.621	N	116.613	W	7				10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.2 (GS).
	04	06	54	24.2&	34.088	N	116.854	W	3				4	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	04	07	36	21.1	41.211	N	21.977	E	10	G		0.5	9	NORTHWESTERN BALKAN REGION. ML 1.5 (SKO). MD 2.1 (THE).
	04	07	39	21.5%	43.264	N	18.844	E	10	G		0.2	9	NORTHWESTERN BALKAN REGION. ML 1.8 (TTG).
	04	08	09	40.5%	40.649	N	23.448	E	10	G		0.5	7	GREECE. MD 1.8 (THE).
	04	08	31	24.0*	36.156	N	114.550	W	5	G		0.9	6	SOUTHERN NEVADA. ML 2.5 (GS). Felt at Boulder City and Lake Mead.
	04	08	43	56.6*	26.940	N	111.722	W	10	G	4.4	1.4	14	GULF OF CALIFORNIA
	04	09	14	51.0&	63.567	N	150.917	W	12				43	CENTRAL ALASKA. <AEIC>. ML 3.1 (AEIC).
	04	09	35	40.7&	63.456	N	151.037	W	14				28	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC).
	04	09	36	01.2&	34.293	N	116.886	W	3				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.1 (GS).
	04	10	33	40.4&	34.311	N	116.428	W	7				11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.4 (GS).
	04	10	57	58.8%	39.592	N	29.424	E	10	G		0.5	5	TURKEY
	04	11	21	44.8%	37.438	S	176.550	E	251	?		0.5	22	NORTH ISLAND, NEW ZEALAND
	04	12	02	21.5*	6.274	S	147.542	E	10	G	3.3	1.2	6	EASTERN NEW GUINEA REG., P.N.G.
	04	12	11	47.3&	34.644	N	116.658	W	5				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 2.9 (GS).
	04	12	13	18.7	41.962	N	19.883	E	10	G		0.4	13	ALBANIA. ML 2.1 (TIR), 1.8 (TTG).
	04	12	28	39.3	48.343	N	148.771	E	374		4.4	1.0	56	NORTHWEST OF KURIL ISLANDS
	04	13	23	15.9&	34.244	N	116.743	W	3				8	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 2.8 (GS).
	04	14	47	24.9&	34.582	N	116.580	W	6				7	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.2 (GS).
	04	15	01	51.9?	39.08	N	29.73	E	10	G		1.2	4	TURKEY
	04	15	53	05.8	49.168	N	6.921	E	10	G		0.8	14	GERMANY. ML 2.6 (STR). MD 2.4 (UCC).
	04	16	53	04.0	44.604	N	113.835	W	10	G		1.0	12	EASTERN IDAHO. ML 3.8 (GS). Felt (III) at Challis and Ellis.
	04	17	01	09.2*	3.899	S	133.437	E	33	N	4.4	1.5	6	IRIAN JAYA REGION, INDONESIA
	04	17	21	26.2?	17.55	N	65.64	W	10	G		0.7	5	PUERTO RICO REGION
	04	17	42	32.0	49.165	N	6.864	E	10	G		0.6	10	GERMANY. ML 2.2 (STR). MD 2.4 (UCC).
	04	17	55	01.0&	34.602	N	116.636	W	0				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
	04	18	02	17.0*	24.507	N	122.254	E	10	G	4.0	1.4	7	TAIWAN REGION
	04	18	12	19.9	49.312	N	129.184	W	10	G	4.5 4.0	1.0	58	VANCOUVER ISLAND REGION
	04	18	19	33.8*	4.579	N	118.049	E	50	*	4.3	1.0	7	BORNEO
	04	18	57	39.0*	51.275	N	15.810	E	10	G		1.4	7	POLAND. ML 3.7 (VIE), 3.5 (GRF).
	04	19	10	10.9&	62.026	N	147.033	W	52				24	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
	04	20	02	32.1*	29.917	N	50.426	E	33	N		1.3	7	SOUTHERN IRAN
	04	21	06	51.4&	34.199	N	116.434	W	0				12	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.2 (PAS). ML 3.2 (GS).
	04	21	08	47.2&	34.192	N	116.433	W	0				7	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.2 (GS).

	04	21	23	19.2&	60.168	N	152.943	W	108		3.3		45	SOUTHERN ALASKA. <AEIC>.
	04	21	33	30.6	41.822	N	19.231	E	9			1.0	49	ALBANIA. ML 3 1 (TIR), 3.1 (TTG). MD 3.3 (ATH), 3.2 (THE).
	04	21	41	48.3?	32.99	S	70.34	W	140 ?			1.2	14	CHILE-ARGENTINA BORDER REGION. MD 4.0 (SAN).
	04	22	33	02.3*	4.976	N	118.454	E	10 G		4.6	1.1	9	BORNEO
	04	23	31	28.8?	44.39	N	7.18	E	10 G			0.0	4	NORTHERN ITALY. ML 1.5 (GEN).
	04	23	42	02.0	40.137	N	19.997	E	10 G			1.1	10	ALBANIA. ML 2.6 (TIR). MD 3.0 (ATH).
a	05	01	49	56.1	13.314	S	111.131	W	10 G		5.2 5.6	1.3	81	CENTRAL EAST PACIFIC RISE. Mo=1.3*10**18 Nm (PPT).
	05	01	56	23.5	39.537	N	27.128	E	10 G			0.8	13	TURKEY
	05	01	58	18.8&	34.314	N	116.455	W	8				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.0 (GS).
	05	02	09	28.0&	34.187	N	116.798	W	6 G				7	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.3 (PAS). ML 3.0 (GS).
	05	02	23	08.8	3.699	S	127.551	E	18		5.0 4.5	1.2	27	SERAM, INDONESIA
	05	03	16	23.4*	34.310	N	116.347	W	5 G			1.2	7	SOUTHERN CALIFORNIA. ML 3.0 (GS).
	05	04	29	56.4	38.801	N	21.116	E	10 G			1.2	11	GREECE. MD 3.1 (ATH), 2.7 (THE).
	05	04	31	18.3&	34.645	N	116.657	W	5				12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.6 (PAS), 3.0 (GS).
	05	05	15	40.7%	47.513	N	0.278	W	10 G			0.3	5	FRANCE. ML 1.9 (LDG).
	05	05	45	12.4&	60.472	N	150.887	W	47		3.1		65	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.3 (AEIC).
	05	05	49	38.1&	33.945	N	116.399	W	3		3.9		24	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.0 (PAS).
	05	06	00	16.4	2.633	N	79.804	W	33 N		5.1	1.0	66	SOUTH OF PANAMA
	05	06	00	51.3	7.671	S	111.268	E	33 N		5.1	0.8	26	JAWA, INDONESIA
	05	06	16	18.5&	37.648	N	118.056	W	1				33	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. ML 4.0 (GS). Felt (III) at Dyer, Nevada and June Lake, California.
	05	06	46	56.8&	60.138	N	152.824	W	111		3.1		42	SOUTHERN ALASKA. <AEIC>.
	05	06	54	12.3	36.689	N	116.283	W	5 G			0.7	36	CALIFORNIA-NEVADA BORDER REGION. ML 4.4 (GS). Felt (IV) at Indian Springs and Pahrump, Nevada. Felt (IV) at Death Valley, California. Also felt at Beatty, Nevada and in the Las Vegas, Nevada area.
	05	07	09	03.2?	45.63	N	151.73	E	33 N		4.1	1.1	9	KURIL ISLANDS
	05	07	34	26.8%	28.823	S	67.338	W	10 G			0.3	6	LA RIOJA PROVINCE, ARGENTINA
	05	07	55	44.9&	58.641	N	149.995	W	33		3.2		74	GULF OF ALASKA. <AEIC>. ML 3.6 (AEIC).
	05	08	06	28.3	34.127	N	116.752	W	5 G			1.3	8	SOUTHERN CALIFORNIA. MD 3.2 (PAS).
	05	08	20	49.1&	65.202	N	134.323	W	18 G		4.4		66	NORTHERN YUKON TERRITORY, CANADA. <PGC-P>. ML 4.9 (PGC).
	05	08	23	54.1*	45.237	N	16.453	E	10 G			1.2	8	NORTHWESTERN BALKAN REGION. MD 2.6 (TRI).
	05	08	40	31.7*	42.568	N	85.819	E	10 G		4.6	1.1	18	NORTHERN XINJIANG, CHINA
	05	08	49	51.7	45.098	N	150.642	E	51 *		4.8	0.8	28	KURIL ISLANDS
	05	10	15	11.3&	59.803	N	152.930	W	96				51	SOUTHERN ALASKA. <AEIC>.
	05	10	16	11.0*	44.456	N	130.370	W	10 G		3.6	0.5	56	OFF COAST OF OREGON
	05	10	36	18.6	34.733	N	116.439	W	5 G			1.0	12	SOUTHERN CALIFORNIA. ML 3.5 (GS).
	05	10	47	32.7&	60.798	N	149.966	W	30				57	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.1 (AEIC).
	05	10	55	43.2&	35.030	N	116.968	W	1		4.3		34	CENTRAL CALIFORNIA. <PAS-P>. ML 4.7 (PAS). Felt (V) at Helendale; (IV) at Big Bear City, Daggett, Johannesburg, Morongo Valley, Newberry Springs, Randsburg, Red Mountain, Ridgecrest, Twin Peaks and Yerma; (III) at Blue Jay, Calimesa, Hesperia, Joshua Tree and La Verne.
	05	11	14	38.0&	34.068	N	116.364	W	3				16	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.8 (PAS), 3.9 (GS).
	05	12	22	23.2	39.318	N	111.134	W	5 G		4.0	1.3	25	UTAH. Felt (III) at Clawson.
	05	13	52	58.4	34.129	N	116.396	W	5 G			0.8	8	SOUTHERN CALIFORNIA. ML 3.7 (GS). MD 3.4 (PAS).
	05	14	01	28.6	50.660	N	129.584	W	10 G		4.1 3.8	0.9	44	VANCOUVER ISLAND REGION
	05	14	14	01.7?	11.13	S	166.42	E	33 N		4.7	1.4	8	SANTA CRUZ ISLANDS
	05	14	38	45.0	35.975	N	112.222	W	5 G			0.5	6	WESTERN ARIZONA. ML 2.6 (GS).
	05	14	43	52.9	35.969	N	112.246	W	5 G			0.5	10	WESTERN ARIZONA. ML 3.0 (GS).
	05	14	47	24.5%	39.103	N	27.669	E	10 G			0.6	5	TURKEY
	05	15	29	17.7*	49.147	N	6.778	E	10 G			0.8	8	GERMANY. ML 2.5 (STR). MD 2.3 (UCC).
	05	15	47	48.7	36.527	N	116.195	W	5 G			1.1	9	CALIFORNIA-NEVADA BORDER REGION. ML 3.3 (GS). Felt at the Nevada Test Site.
	05	16	42	18.0	2.240	S	139.216	E	60 *		5.2	1.2	103	NEAR NORTH COAST OF IRIAN JAYA
	05	18	02	02.9	47.136	N	9.410	E	10 G			0.9	13	GERMANY. ML 2.3 (VIE), 2.1 (FUR).
	05	18	17	29.9	35.982	N	112.219	W	5 G		4.0	1.0	23	WESTERN ARIZONA. ML 4.0 (GS). Felt at Grand Canyon.
	05	18	48	27.2&	34.272	N	116.405	W	2				12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.6 (PAS), 3.3 (GS).
	05	19	00	39.4&	34.093	N	116.849	W	2				11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.6 (GS).
	05	19	15	20.0&	34.094	N	116.848	W	2				16	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.6 (PAS), 3.6 (GS).
	05	20	02	44.2	43.967	N	7.637	E	10 G			0.3	9	NEAR SOUTH COAST OF FRANCE. ML 2.3 (LDG), 1.8 (GEN).
	05	20	03	03.0&	34.298	N	116.804	W	3				17	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.0 (PAS), 3.8 (GS).
	05	21	05	35.8	34.637	N	116.747	W	5 G			0.4	8	SOUTHERN CALIFORNIA. ML 2.9 (GS). MD 3.1 (PAS).
	05	21	18	27.1&	34.583	N	116.319	W	0		5.3 5.2		218	SOUTHERN CALIFORNIA. <PAS-P>. ML 5.4 (PAS). Slight damage (VI) at Big Bear City. Felt (V) at Cavina, Joshua Tree, La Quinta, Morongo Valley, Newberry Springs, Palm Springs, Placentia, San Clemente, Tehachapi and Temecula. Felt in Imperial, Kern, Los Angeles, Orange, Riverside, San Bernardino and San Diego Counties. Also felt in parts of western Arizona.
	05	21	40	36.3?	44.71	N	5.45	E	10 G			0.B	5	FRANCE. ML 2.7 (LDG).
	05	21	45	49.4&	40.440	N	125.508	W	5		3.6		61	OFF COAST OF NORTHERN CALIFORNIA. <BRK>. ML 3.8 (BRK). MD 3.4 (SEA).
	05	22	08	31.5&	34.583	N	116.298	W	1				14	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.8 (PAS), 3.6 (GS).
	05	22	11	49.8?	48.09	N	7.13	E	10 G			0.3	4	FRANCE. ML 2.2 (LDG).
	05	22	33	45.5&	34.583	N	116.304	W	0		4.2		24	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.4 (PAS).
	05	22	45	14.0&	34.583	N	116.298	W	0				11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.1 (GS).
	05	23	11	09.7&	34.584	N	116.292	W	0				11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.2 (GS).
	05	23	21	56.2?	32.06	S	176.35	W	54 ?			1.5	12	SOUTH OF KERMADEC ISLANDS
	05	23	47	07.4	6.768	N	72.924	W	159 *		3.7	1.4	17	NORTHERN COLOMBIA
	06	00	55	33.0*	10.596	S	160.570	E	10 G		5.1	1.0	25	SOLOMON ISLANDS. Felt at Bina.
	06	01	11	37.6&	34.223	N	116.863	W	3				10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.6 (PAS), 3.3 (GS).
	06	01	36	20.6*	14.038	S	167.165	E	167 *		4.8	1.0	61	VANUATU ISLANDS
	06	01	55	17.3&	58.218	N	151.327	W	30				48	KODIAK ISLAND REGION. <AEIC>. ML 3.0 (AEIC).
	06	02	00	24.0&	61.740	N	151.895	W	110				81	SOUTHERN ALASKA. <AEIC>.
	06	02	05	54.2%	15.501	N	60.350	W	33 N			0.1	7	LEEWARD ISLANDS. ML 2.4 (FDF).
	06	02	10	01.9&	34.572	N	116.294	W	0				10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.0 (GS).
	06	02	13	58.8&	34.564	N	116.283	W	0				11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.2 (GS).
	06	03	25	46.4	39.465	S	177.471	E	94 *			0.7	30	OFF E. COAST OF N. ISLAND, N.Z.

06	03	57	14.4&	59.244	N	153.316	W	110				40	SOUTHERN ALASKA. <AEIC>.
06	04	19	53.2	42.990	N	0.404	W	10	G		1.4	9	PYRENEES. ML 2.2 (LDG).
06	04	45	55.8&	37.373	N	118.533	W	12				13	CALIFORNIA-NEVADA BORDER REGION. <BRK>. ML 3.1 (BRK).
06	04	48	34.4&	34.053	N	116.428	W	10				8	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.1 (PAS). ML 3.3 (GS).
06	05	24	26.5*	36.417	N	7.895	W	33	N		0.9	11	STRAIT OF GIBRALTAR. mbLg 3.3 (MDD). MD 3.2 (RBA).
06	06	00	44.4&	34.101	N	116.383	W	3				12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.0 (GS).
06	06	53	23.2%	39.132	N	26.294	E	10	G		0.4	6	TURKEY
06	07	26	20.6%	40.450	N	23.089	E	10	G		0.5	7	GREECE. MD 2.3 (THE).
06	07	26	23.1	11.037	N	62.130	W	116		4.7	1.1	114	WINDWARD ISLANDS. MD 4.7 (TRN). Felt on Trinidad.
06	08	02	35.8	43.742	N	17.220	E	5	G		1.1	35	NORTHWESTERN BALKAN REGION. ML 3.5 (TTG). MD 3.7 (TRI).
06	08	39	04.4&	48.504	N	123.667	W	29				14	VANCOUVER ISLAND REGION. <PGC-P>. ML 2.2 (PGC). Felt in the Colwood, Metchosin and Sooke areas.
06	09	14	45.1&	60.750	N	152.181	W	89				68	SOUTHERN ALASKA. <AEIC>.
06	09	28	55.0	11.671	N	92.491	E	43	*	4.9 4.4	1.0	47	ANDAMAN ISLANDS, INDIA
06	09	54	22.7	39.051	N	21.499	E	10	G		0.6	8	GREECE. ML 3.6 (ATH). MD 3.3 (THE).
06	10	14	41.9&	34.628	N	116.678	W	1				4	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS).
06	10	14	48.7&	35.687	N	117.607	W	6				8	CENTRAL CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
06	10	33	20.0	34.359	N	23.885	E	21		4.6 4.1	1.1	148	CRETE. MD 4.4 (ATH), 4.3 (HLW).
06	11	25	19.1	45.053	N	9.182	E	12			0.9	53	NORTHERN ITALY. ML 3.3 (LDG).
06	11	35	33.3&	34.093	N	116.446	W	10				13	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.9 (PAS), 3.8 (GS).
06	11	38	03.4&	34.094	N	116.448	W	9				7	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS).
06	11	42	53.4&	34.128	N	116.916	W	6				4	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS).
06	11	46	34.6&	34.221	N	116.745	W	2				3	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS).
06	12	00	59.1&	34.092	N	116.369	W	2		4.2		21	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.5 (PAS).
06	12	23	48.9	11.709	N	92.509	E	25	D	5.1 4.6	1.3	89	ANDAMAN ISLANDS, INDIA
06	12	26	12.3&	34.047	N	116.365	W	2				12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.0 (GS).
06	12	27	26.6?	0.14	N	123.90	E	115	?		0.6	6	MINAHASSA PENINSULA, SULAWESI
06	12	48	25.6&	34.312	N	116.458	W	4				13	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.1 (GS).
06	13	40	52.8%	37.711	N	3.849	W	10	G		1.1	6	SPAIN. mbLg 3.5 (MDD).
06	14	19	45.5&	34.371	N	116.466	W	4				10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
06	14	20	59.2	39.588	N	29.033	E	10	G		1.4	11	TURKEY. MG 3.2 (DDA).
06	14	24	36.4*	7.028	N	73.066	W	142	*	4.6	1.2	9	NORTHERN COLOMBIA
06	14	55	04.2&	63.233	N	150.639	W	136				58	CENTRAL ALASKA. <AEIC>.
06	15	51	57.8?	19.57	S	169.57	E	128	*	4.6	1.2	9	VANUATU ISLANDS
06	16	11	38.1%	28.284	S	67.424	W	33	N		1.2	7	LA RIOJA PROVINCE, ARGENTINA
06	16	31	59.9	18.072	N	94.308	E	33	N	4.6 3.8	1.1	39	MYANMAR
06	16	47	24.3&	59.872	N	153.528	W	132				67	SOUTHERN ALASKA. <AEIC>.
06	16	55	30.5?	34.54	S	71.14	W	60	G		0.2	7	NEAR COAST OF CENTRAL CHILE. MD 3.5 (SAN).
06	17	10	23.3&	34.600	N	116.634	W	4				7	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
06	17	16	22.6%	44.699	N	6.739	E	10	G		0.4	6	FRANCE. ML 1.9 (GEN).
06	17	19	29.3?	44.87	N	7.17	E	10	G		0.6	4	NORTHERN ITALY. ML 1.7 (GEN).
06	17	22	01.5&	34.263	N	116.440	W	1				12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.3 (GS).
06	17	28	14.2	60.574	N	5.018	E	10	G		1.1	9	SOUTHERN NORWAY. ML 1.4 (NAO). MD 1.5 (BER).
06	18	06	36.3&	34.457	N	116.476	W	1				17	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.3 (PAS), 4.0 (GS).
06	18	27	27.7&	34.152	N	116.406	W	1				10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.6 (PAS), 3.6 (GS).
06	18	31	16.5&	60.832	N	152.469	W	126				51	SOUTHERN ALASKA. <AEIC>.
06	19	05	52.4	38.125	S	177.346	E	74		4.8	1.1	34	NORTH ISLAND, NEW ZEALAND
06	19	36	14.7*	6.302	S	147.651	E	39	*	4.2	1.1	7	EASTERN NEW GUINEA REG., P.N.G.
06	19	41	37.8&	34.082	N	116.378	W	3				22	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.4 (PAS), 4.2 (GS).
06	19	49	11.1	36.616	N	118.041	W	5	G		0.6	18	CENTRAL CALIFORNIA. ML 3.6 (GS), 4.1 (BRK).
06	21	29	25.3&	50.406	N	130.004	W	10	G			24	VANCOUVER ISLAND REGION. <PGC-P>. ML 3.1 (PGC).
06	21	35	12.6	44.480	N	7.304	E	10	G		0.5	9	NORTHERN ITALY. ML 2.2 (GEN).
06	21	37	55.8?	22.10	N	94.88	E	10	G		1.0	5	MYANMAR
06	21	46	15.1	36.702	N	116.262	W	5	G		0.6	13	CALIFORNIA-NEVADA BORDER REGION. ML 3.3 (GS).
06	21	47	32.3	41.267	N	22.436	E	10	G		0.4	12	NORTHWESTERN BALKAN REGION. ML 2.6 (SKO). MD 2.5 (THE). Felt (IV) in the Miravci-Valandovo area, Yugoslavia.
06	21	47	35.3&	60.118	N	153.266	W	134				45	SOUTHERN ALASKA. <AEIC>.
06	21	49	21.0*	7.549	N	127.035	E	33	N	4.7	1.0	10	PHILIPPINE ISLANDS REGION. Felt (I RF) at Bislig and Surigao del Sur.
06	21	52	51.5?	33.40	N	35.81	E	10	G		0.4	7	JORDAN - SYRIA REGION
06	23	17	27.1*	62.991	N	6.265	E	10	G		1.2	11	SOUTHERN NORWAY. MD 2.8 (BER).
06	23	41	10.0*	18.458	N	47.161	W	10	G	4.6	1.1	11	NORTHERN MID-ATLANTIC RIDGE
07	00	32	14.0	55.160	N	165.266	E	33	N	4.6	0.9	38	KOMANDORSKY ISLANDS REGION
07	00	32	26.1?	13.12	N	89.89	W	10	G		0.1	6	EL SALVADOR. Felt (II) at San Salvador.
07	00	45	34.0	24.397	N	121.880	E	37		4.5 4.1	1.2	24	TAIWAN
07	00	47	03.1?	24.37	N	121.78	E	33	N		0.3	5	TAIWAN
07	01	12	49.9&	34.631	N	116.628	W	7				8	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
07	01	45	38.3&	34.232	N	116.895	W	6				11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.1 (GS).
07	03	12	47.5&	36.100	N	117.836	W	3				19	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 3.2 (PAS), 3.1 (GS).
07	03	20	54.0	42.300	N	19.441	E	10	G		0.8	14	NORTHWESTERN BALKAN REGION. ML 2.2 (TTG), 2.2 (TIR).
07	03	42	11.4	5.473	S	146.013	E	47	*	5.0 4.3	1.3	32	EASTERN NEW GUINEA REG., P.N.G.
07	04	11	02.7%	43.100	N	0.651	W	10	G		0.2	6	PYRENEES
07	04	48	51.9	34.253	N	116.757	W	5	G		0.6	15	SOUTHERN CALIFORNIA. ML 3.8 (GS).
07	05	33	41.4&	34.636	N	116.508	W	4				12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.1 (GS).
07	05	59	59.7&	34.589	N	116.596	W	8				12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.2 (GS).
07	06	04	28.8	36.434	N	27.642	E	10	G		0.9	7	DODECANESE ISLANDS. ML 3.9 (CSS). MD 3.8 (ATH).
07	06	32	11.6?	34.38	S	70.94	W	90	G		0.5	7	CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).
07	07	47	04.5	41.209	N	22.517	E	9			1.0	30	NORTHWESTERN BALKAN REGION. ML 3.8 (SKO), 3.2 (TIR), 3.1 (TTG). MD 3.2 (THE). Felt (V) in the Miravci-Valandovo area, Yugoslavia.
07	08	21	03.1&	34.069	N	116.382	W	3				21	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.0 (PAS), 4.0 (GS).
07	08	22	34.2%	33.950	S	71.297	W	33	N		0.3	7	NEAR COAST OF CENTRAL CHILE. MD 3.3 (SAN).
a 07	08	38	00.4	7.207	S	149.301	E	35		5.3 5.0	1.0	130	NEW BRITAIN REGION, P.N.G. ML 5.1 (PMG).
07	08	38	03.2&	34.210	N	116.766	W	2				11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.3 (GS).
07	09	29	47.7&	34.207	N	116.771	W	2				12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.6 (PAS), 3.4 (GS).
07	09	35	39.7%	43.085	N	0.604	W	10	G		0.4	5	PYRENEES. ML 1.0 (STR).
07	09	54	42.4?	43.15	N	0.92	W	10	G		0.3	4	PYRENEES. ML 1.0 (STR).
07	10	24	34.6*	23.774	N	121.748	E	55	*	4.0	0.5	8	TAIWAN
07	10	27	25.6%	40.795	N	22.979	E	10	G		0.3	5	GREECE. MD 1.6 (THE).
07	11	36	31.0&	34.449	N	116.471	W	3				6	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
07	11	43	26.0&	35.678	N	117.585	W	6	G			19	CENTRAL CALIFORNIA. <PAS-P>. MD 3.5 (PAS). ML 3.3 (GS).

	07	12 11 24.5	34.051	N	116.367	W	5	G			0.3	7	SOUTHERN CALIFORNIA. ML 2.8 (GS). MD 3.1 (PAS).
o	07	12 27 23.1	0.089	S	123.814	E	136	D	5.3		1.3	74	MINAHASSA PENINSULA, SULAWESI
	07	12 33 21.2*	7.474	N	127.229	E	83	?	4.9		1.2	22	PHILIPPINE ISLANDS REGION
	07	12 48 35.0	35.971	N	22.895	E	11		4.4		1.2	57	CENTRAL MEDITERRANEAN SEA. MD 4.1 (ATH), 3.9 (THE).
	07	13 36 17.4*	17.214	N	146.441	E	74	*	4.7		1.2	31	MARIANA ISLANDS
	07	13 38 03.7&	34.230	N	116.833	W	0					14	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.6 (PAS), 3.8 (GS).
	07	13 53 28.5&	34.398	N	116.464	W	1					11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.3 (GS).
	07	13 59 30.9	38.396	N	21.969	E	5	G			1.0	12	GREECE. ML 3.0 (ATH). MD 2.8 (THE).
	07	14 36 59.1?	10.80	N	62.27	W	10	G			1.2	5	NEAR COAST OF VENEZUELA. MD 2.8 (TRN).
	07	14 51 55.3&	34.299	N	116.472	W	0					7	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	07	15 19 44.1*	37.475	N	20.903	E	10	G			1.2	8	IONIAN SEA. MD 3.3 (ATH), 3.1 (THE).
	07	15 39 58.6&	34.161	N	116.425	W	0					10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.2 (GS).
	07	16 09 56.8*	21.389	S	121.048	E	10	G			1.4	6	WESTERN AUSTRALIA
	07	16 17 54.7&	34.247	N	116.715	W	1					11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
	07	16 19 24.7*	37.933	N	21.401	E	10	G			0.8	5	SOUTHERN GREECE. ML 3.2 (ATH).
	07	16 47 35.9&	34.431	N	116.479	W	1					10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 2.8 (GS).
	07	17 21 25.4*	43.675	N	147.589	E	73	?	4.2		1.3	16	KURIL ISLANDS
	07	17 55 54.7&	34.310	N	116.469	W	0					8	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	07	17 58 45.6*	6.316	S	151.238	E	33	N	4.4		1.1	8	NEW BRITAIN REGION, P.N.G.
	07	18 35 43.9*	22.728	S	179.751	W	660	?	5.0		1.3	30	SOUTH OF FIJI ISLANDS
	07	19 45 09.3&	33.181	N	115.595	W	4					5	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	07	20 06 11.9*	3.379	S	134.199	E	33	N	4.4		0.9	13	IRIAN JAYA REGION, INDONESIA
	07	20 21 30.9*	23.840	N	122.781	E	10	G	3.5		0.9	7	TAIWAN REGION
	07	20 30 28.1?	44.34	N	10.36	E	10	G			0.5	5	NORTHERN ITALY
	07	20 34 27.7%	43.260	N	18.813	E	10	G			0.3	9	NORTHWESTERN BALKAN REGION. ML 1.9 (TTG).
	07	21 01 10.8&	33.952	N	116.357	W	8					11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.7 (PAS), 3.1 (GS).
	07	22 09 28.3&	34.342	N	116.467	W	3					23	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.4 (PAS).
	07	22 21 45.4&	34.273	N	116.725	W	0					11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 2.8 (GS).
	07	22 35 53.3	8.883	S	126.593	E	33	N	5.0	4.7	1.2	16	TIMOR REGION, INDONESIA
	07	22 47 13.3*	44.978	S	20.387	W	10	G	5.4		1.0	14	SOUTHERN MID-ATLANTIC RIDGE
	07	23 23 54.1?	6.89	N	73.15	W	154	*	4.7		1.4	9	NORTHERN COLOMBIA
	08	00 25 15.8&	66.147	N	146.281	W	0					15	NORTHERN ALASKA. <AEIC>. ML 2.9 (AEIC).
	08	00 38 48.4%	43.269	N	18.808	E	10	G			0.4	9	NORTHWESTERN BALKAN REGION. ML 1.7 (TTG).
	08	01 36 49.7	39.949	N	24.247	E	13				0.9	16	AEGEAN SEA. ML 3.7 (ATH). MD 3.1 (THE).
	08	01 44 41.5%	43.380	N	12.614	E	10	G			1.4	6	CENTRAL ITALY
	08	01 46 51.7?	37.91	N	21.18	E	33	N			0.5	4	SOUTHERN GREECE. ML 3.5 (ATH).
	08	02 23 11.3&	34.576	N	116.336	W	6	G	4.3			59	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.9 (PAS), 4.7 (GS). Felt (IV) at Daggett, Hesperia, Jashua Tree, La Quinta, Marango Valley, Sun City and Yermo. Felt (III) at Beaumont, Big Bear City, Calimesa, Highland, Niland, Palm Springs and Victarville. Also felt at Pasadena.
	08	03 30 36.0	14.485	N	144.974	E	115		5.0		1.0	59	MARIANA ISLANDS. Felt (IV) at Yigo and Barrigado; (III) at Tamuning and Andersen AFB, Guam.
	08	04 04 00.5?	33.05	S	70.40	W	90	G			0.3	7	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	08	04 16 49.1	38.659	N	20.423	E	10	G			1.1	16	GREECE. MD 3.2 (ATH), 2.7 (THE). ML 2.7 (TIR).
	08	04 34 19.3	36.544	N	116.257	W	5	G			0.7	18	CALIFORNIA-NEVADA BORDER REGION. ML 3.4 (GS).
	08	04 46 38.7&	59.788	N	153.330	W	119					58	SOUTHERN ALASKA. <AEIC>.
	08	05 58 37.9	39.934	N	24.538	E	10	G			0.9	12	AEGEAN SEA. MD 2.6 (THE).
	08	06 06 28.9*	31.878	S	179.469	W	504	*	4.7		1.1	36	KERMADEC ISLANDS REGION
	08	07 06 52.3	39.905	N	24.593	E	10	G			0.4	10	AEGEAN SEA. MD 2.6 (THE).
	08	07 14 38.0&	33.185	N	115.594	W	4					5	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
	08	07 20 55.9&	37.999	N	118.719	W	5					19	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.1 (GM). ML 3.2 (BRK), 3.1 (GS).
	08	07 40 23.9?	33.92	S	72.14	W	62	?			1.2	19	OFF COAST OF CENTRAL CHILE
	08	08 05 38.7&	34.605	N	116.351	W	11		3.8			30	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.4 (PAS), 4.1 (GS).
	08	09 28 58.4?	13.16	N	89.02	W	80	*	4.3		1.1	7	EL SALVADOR. Felt (II) at San Salvador.
	08	09 41 08.1&	62.131	N	154.287	W	7					49	CENTRAL ALASKA. <AEIC>. ML 3.3 (AEIC), 3.5 (PMR).
o	08	10 09 48.2	21.056	N	93.686	E	43	D	5.4	4.8	0.9	258	MYANMAR
	08	10 32 48.1*	19.690	S	70.218	W	62	*	4.6		0.7	7	NEAR COAST OF NORTHERN CHILE
	08	10 52 57.7	37.661	N	118.853	W	5	G			0.9	17	CALIFORNIA-NEVADA BORDER REGION. ML 3.1 (GS), 3.1 (BRK). Felt (III) at June Lake, California.
	08	11 38 38.8&	33.484	N	118.078	W	6	G				13	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.3 (GS).
	08	11 52 15.0%	39.246	N	27.811	E	10	G			0.4	5	TURKEY
	08	11 52 42.1?	32.88	S	70.35	W	100	G			0.3	7	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
	08	12 16 28.0?	35.00	N	22.97	E	10	G	3.4		1.3	12	CENTRAL MEDITERRANEAN SEA. MD 3.7 (THE).
	08	12 22 07.9*	42.680	N	24.206	E	10	G			0.4	7	BULGARIA. MD 3.1 (THE).
	08	12 38 30.4	54.481	N	164.292	E	37	D	4.5		1.2	41	KOMANDORSKY ISLANDS REGION
	08	12 47 49.3*	13.082	N	89.577	W	66	*	4.3		0.6	12	EL SALVADOR. Felt (II) at San Salvador.
	08	13 49 45.1?	1.85	S	135.71	E	33	N	4.9	3.9	1.3	13	IRIAN JAYA REGION, INDONESIA
	08	14 10 56.1%	33.729	S	71.558	W	10	G			0.3	7	NEAR COAST OF CENTRAL CHILE. MD 3.5 (SAN).
	08	14 18 17.8?	34.93	S	70.55	W	120	G			0.4	9	CHILE-ARGENTINA BORDER REGION. MD 3.8 (SAN).
	08	14 29 46.0*	3.101	S	130.272	E	33	N	4.5		1.2	15	SERAM, INDONESIA
	08	14 41 34.2?	41.61	N	12.77	E	10	G			0.3	5	SOUTHERN ITALY
	08	15 06 40.0%	41.422	N	24.370	E	10	G			0.5	7	GREECE-BULGARIA BORDER REGION. MD 2.2 (THE).
	08	15 09 40.1%	40.167	S	174.261	E	120	*			0.7	25	COOK STRAIT, NEW ZEALAND
	08	15 15 14.4&	37.860	N	121.987	W	6					7	CENTRAL CALIFORNIA. <BRK>. ML 2.7 (BRK). Felt at Alamo, Concard, Danville, Pleasant Hill and Walnut Creek.
	08	15 19 19.4&	34.924	N	116.924	W	0					10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	08	15 34 08.1&	34.347	N	116.463	W	1					12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.6 (PAS), 3.7 (GS).
	08	15 52 05.8*	32.667	S	71.588	W	33	N			1.1	12	NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN).
o	08	16 04 42.1	50.258	N	176.285	W	33	N	5.2	4.3	1.0	155	ANDREANOF ISLANDS, ALEUTIAN IS.
	08	16 19 57.5%	33.414	S	70.762	W	70	G			0.2	7	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
	08	16 46 54.2&	37.640	N	118.841	W	8					13	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM). ML 2.9 (BRK).
	08	16 49 14.3&	35.234	N	116.891	W	0					16	CENTRAL CALIFORNIA. <PAS-P>. ML 3.7 (PAS), 3.4 (GS).
	08	17 11 55.1	45.484	N	14.380	E	10	G			0.5	7	NORTHWESTERN BALKAN REGION. MD 2.3 (TRI), 2.3 (LJU).
	08	17 18 39.0&	59.395	N	153.032	W	83		3.6			79	SOUTHERN ALASKA. <AEIC>.
	08	17 41 32.2*	2.089	N	126.526	E	97	?	4.4		1.2	12	NORTHERN MOLUCCA SEA
	08	17 47 13.7&	33.489	N	118.082	W	6	G				12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.1 (GS).
	08	18 19 12.3&	34.293	N	116.480	W	1					11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.0 (GS).
	08	19 12 11.2	41.236	N	19.807	E	10	G			0.9	17	ALBANIA. ML 2.3 (TIR), 2.2 (TTG).
	08	19 34 48.8&	35.007	N	116.962	W	5					8	CENTRAL CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
	08	19 46 52.6%	42.732	N	12.288	E	10	G			0.6	6	CENTRAL ITALY

	08	19 47 18.0&	34.027	N	116.337	W	6	G				7	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.3 (PAS).
	08	19 47 56.2	49.154	N	6.848	E	10	G			0.9	26	GERMANY. ML 3.4 (STR), 3.2 (BNS), 3.2 (VIE), 3.0 (FUR). MD 3.7 (UCC).
	08	20 06 12.2*	31.141	N	142.625	E	33	N	4.5	3.8	1.2	11	SOUTH OF HONSHU, JAPAN
	08	20 26 13.9*	31.391	N	142.994	E	33	N	4.3		1.5	10	SOUTH OF HONSHU, JAPAN
	08	20 49 13.3*	31.452	N	143.317	E	33	N	4.6		1.0	10	SOUTH OF HONSHU, JAPAN
	08	20 50 18.2?	31.04	N	142.04	E	33	N	4.6		0.6	5	SOUTH OF HONSHU, JAPAN
	08	20 54 37.5&	63.340	N	151.133	W	19					45	CENTRAL ALASKA. <AEIC>. ML 3.3 (AEIC).
	08	21 25 15.3&	35.168	N	116.815	W	0					10	CENTRAL CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	08	21 39 53.3*	31.310	N	142.761	E	33	N	4.3		1.3	17	SOUTH OF HONSHU, JAPAN
	08	22 01 14.0&	60.071	N	151.643	W	53					43	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.8 (AEIC).
	08	23 00 25.2&	33.183	N	115.599	W	5					10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS).
a	08	23 09 59.0	7.393	N	126.815	E	53	*	4.9	4.3	1.0	56	MINDANAO, PHILIPPINE ISLANDS. Felt (II RF) at Bislig.
	08	23 17 41.9?	48.01	N	7.34	E	10	G			0.1	4	FRANCE. ML 1.9 (LDG).
	08	23 23 21.2&	34.236	N	116.837	W	0					7	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	08	23 58 22.6&	34.234	N	116.836	W	0					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.4 (GS).
	09	00 12 43.0?	40.13	S	173.66	E	223	?			0.6	8	COOK STRAIT, NEW ZEALAND
	09	00 15 03.8*	50.301	N	18.880	E	10	G			0.6	6	POLAND. ML 3.3 (WAR).
	09	00 20 46.4&	34.714	N	116.577	W	1					10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 3.0 (GS).
	09	00 44 57.9	28.187	N	55.348	E	51	*	4.2		1.1	37	SOUTHERN IRAN
a	09	01 43 57.6&	34.239	N	116.837	W	0		5.6	5.2		272	SOUTHERN CALIFORNIA. <PAS-P>. MD 5.3 (PAS). ML 5.7 (BRK). At least 16 people injured in the Big Bear Lake area. Slight damage (VI) at Angelus Oaks, Big Bear City, Rimforest and Sugarloaf. Felt (V) at Crest Park, Forest Falls, Highland, La Quinta, Moreno Valley, Palm Springs, Placentia, Ramona, Santa Ana, Skyforest, Twin Peaks and Victorville. Felt in Los Angeles, Orange, Riverside, San Bernardino and San Diego Counties. Rockfalls and landslides occurred in the Big Bear Lake area.
	09	01 55 05.0&	34.567	N	116.338	W	11					3	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	09	02 23 46.1	34.236	N	116.817	W	5	G			0.3	7	SOUTHERN CALIFORNIA. ML 3.0 (GS).
	09	02 27 43.2&	34.644	N	116.654	W	5					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
	09	02 34 35.0&	34.225	N	116.844	W	1		4.7			75	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.1 (PAS).
	09	02 37 24.4&	34.227	N	116.845	W	0					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.9 (PAS), 3.8 (GS).
	09	02 40 53.0&	34.228	N	116.833	W	1					4	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
	09	02 41 53.0&	34.224	N	116.844	W	1					3	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS).
	09	02 43 38.7&	34.230	N	116.830	W	0					3	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS).
	09	02 56 50.5&	34.226	N	116.847	W	0					7	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
	09	02 56 54.2&	34.227	N	116.851	W	0					17	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.8 (PAS), 3.8 (GS).
	09	03 14 18.1&	34.426	N	116.483	W	2					11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
	09	04 03 14.0&	34.228	N	116.822	W	6	G				12	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.3 (PAS).
	09	04 39 02.3?	31.19	N	142.68	E	33	N	4.7		0.8	9	SOUTH OF HONSHU, JAPAN
	09	04 43 57.5	35.399	N	30.893	E	10	G			0.9	10	EASTERN MEDITERRANEAN SEA. ML 3.8 (CSS). MD 3.9 (HLW).
	09	05 04 22.2	34.576	N	27.566	E	50	*	4.0		1.3	28	EASTERN MEDITERRANEAN SEA. MD 4.0 (HLW).
	09	05 37 37.0&	34.163	N	116.753	W	6	G				11	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.1 (PAS). ML 2.9 (GS).
	09	06 03 28.9&	34.232	N	116.829	W	1					24	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.8 (PAS), 3.9 (GS).
	09	06 23 56.0?	31.04	N	141.50	E	33	N	4.5		0.4	5	SOUTH OF HONSHU, JAPAN
	09	06 41 56.4&	61.931	N	150.344	W	47		3.3			70	SOUTHERN ALASKA. <AEIC>. ML 3.9 (AEIC), 3.8 (PMR). Felt (II) at Willow.
	09	07 41 45.9&	34.286	N	116.683	W	9					11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	09	08 14 54.4&	34.025	N	116.350	W	1					12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
	09	08 18 29.6*	21.967	S	68.744	W	142	?			0.5	7	CHILE-BOLIVIA BORDER REGION
	09	08 55 40.3%	38.161	S	176.003	E	224	?			0.5	18	NORTH ISLAND, NEW ZEALAND
	09	09 14 19.0?	5.32	S	138.29	E	33	N	4.6		1.2	6	NEAR SOUTH COAST OF IRIAN JAYA
	09	09 49 16.0&	34.580	N	116.673	W	6	G				12	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.1 (PAS). ML 3.2 (GS).
	09	10 04 03.2%	41.814	N	20.020	E	10	G			0.4	10	ALBANIA. ML 1.9 (TTG).
	09	10 17 08.9?	5.48	S	147.79	E	194	?	4.7		1.5	5	EASTERN NEW GUINEA REG., P.N.G.
	09	11 02 06.7	32.022	S	70.223	W	122		4.5		1.0	27	CHILE-ARGENTINA BORDER REGION. MD 4.7 (SAN). Felt (IV) at Quillota and Los Andes, Chile.
	09	11 16 01.6	4.967	S	152.086	E	73		4.7		0.7	24	NEW BRITAIN REGION, P.N.G.
	09	11 24 43.0?	6.05	S	148.04	E	99	*	4.4		1.4	6	NEW BRITAIN REGION, P.N.G.
	09	12 15 54.0&	34.227	N	116.533	W	6	G				9	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.1 (PAS). ML 3.2 (GS).
	09	12 23 17.8&	34.216	N	116.808	W	1					24	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.6 (PAS), 4.1 (GS).
	09	12 39 14.0&	35.215	N	116.912	W	6	G				13	CENTRAL CALIFORNIA. <PAS-P>. MD 3.0 (PAS).
	09	12 47 56.7*	43.346	N	147.219	E	33	N	4.1		1.4	14	KURIL ISLANDS
	09	12 54 01.5?	20.84	S	179.12	W	668	?	4.4		1.0	24	FIJI ISLANDS REGION
	09	12 59 12.2*	35.724	N	140.599	E	33	N	4.5		1.2	18	NEAR EAST COAST OF HONSHU, JAPAN
	09	13 30 49.0*	44.023	N	11.427	E	10	G			1.1	5	NORTHERN ITALY
	09	14 15 56.0	17.105	N	61.776	W	33	N			0.4	9	LEEWARD ISLANDS. ML 2.9 (FDF). MD 2.9 (TRN).
	09	14 18 05.6*	17.019	N	60.653	W	10	G			0.5	9	LEEWARD ISLANDS. ML 3.4 (FDF).
	09	14 51 29.0	40.503	N	29.205	E	10	G			0.6	6	TURKEY
	09	15 00 02.2?	47.01	N	10.76	E	10	G			1.0	6	AUSTRIA. ML 2.0 (VIE).
	09	15 33 57.8?	31.24	N	142.50	E	33	N	4.2		0.1	5	SOUTH OF HONSHU, JAPAN
	09	15 59 05.1&	34.698	N	116.642	W	11					3	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
	09	16 20 13.1?	50.53	N	176.17	W	33	N	4.2		1.2	5	ANDREANOF ISLANDS, ALEUTIAN IS.
	09	17 08 59.6&	34.152	N	116.543	W	9					8	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 2.9 (GS).
	09	17 11 29.5?	52.43	N	178.84	W	189	?	4.0		1.2	9	ANDREANOF ISLANDS, ALEUTIAN IS.
	09	17 27 03.3?	40.58	N	23.46	E	10	G			0.0	4	GREECE. MD 2.0 (THE).
	09	17 31 53.7	39.570	N	22.745	E	10	G			0.6	11	GREECE. MD 2.4 (THE).
	09	17 43 51.0?	49.09	N	6.93	E	10	G			1.2	6	GERMANY
	09	17 59 10.3%	15.671	N	60.530	W	33	N			0.3	8	LEEWARD ISLANDS. ML 3.2 (FDF).
	09	18 02 04.0?	15.65	N	95.64	W	53	?	4.1		1.4	6	NEAR COAST OF OAXACA, MEXICO
	09	19 14 45.4&	38.723	N	119.622	W	4					27	CALIFORNIA-NEVADA BORDER REGION. <BRK>. ML 3.8 (BRK). Felt (III) at Wellington, Nevada.
	09	19 55 52.9*	46.608	N	27.967	E	33	N	3.3		1.3	11	ROMANIA
	09	20 20 36.8&	34.342	N	116.457	W	1					6	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	09	21 23 44.5?	5.29	S	130.40	E	33	N	4.5		1.1	5	BANDA SEA
a	09	21 34 02.0	21.005	N	89.973	E	29	D	5.3	4.6	1.0	228	BANGLADESH
	09	22 13 38.7?	33.30	S	178.64	W	33	N	4.5		1.3	9	SOUTH OF KERMADEC ISLANDS

	10	00 49 12.5	15.778	N	60.951	W	60	G			0.4	9	LEEWARD ISLANDS
	10	01 05 09.2?	27.92	S	69.15	W	120	G			1.4	9	NORTHERN CHILE
	10	01 14 21.5	51.557	N	6.791	E	10	G			0.3	6	GERMANY
	10	01 14 54.1&	34.101	N	116.434	W	3					7	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
	10	01 15 55.6	45.918	N	3.246	E	10	G			0.5	12	FRANCE. ML 2.9 (LDG).
	10	01 29 40.0&	34.232	N	116.846	W	1		4.8			70	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.2 (PAS). Felt at Big Bear Lake and in parts af Orange County.
	10	01 56 37.7&	34.228	N	116.819	W	0					10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.4 (GS).
	10	02 28 53.8?	23.32	N	120.26	E	10	G			0.3	6	TAIWAN
	10	02 30 24.0&	34.230	N	116.817	W	6	G				10	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.1 (PAS). ML 3.4 (GS).
	10	02 41 14.0&	34.117	N	116.397	W	6	G				21	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.9 (PAS). ML 3.9 (GS).
	10	03 40 15.3&	34.325	N	116.652	W	1					7	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	10	03 41 16.7*	19.376	S	69.542	W	140	*			0.7	7	NORTHERN CHILE
	10	04 12 15.2?	16.88	N	60.94	W	33	N			0.2	5	LEEWARD ISLANDS. ML 2.8 (FDF).
	10	04 57 07.0&	34.082	N	116.373	W	6	G				6	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.0 (PAS). ML 2.8 (GS).
	10	05 09 26.1*	21.654	N	143.036	E	315	*	4.2		0.8	12	MARIANA ISLANDS REGION
	10	05 35 23.2*	39.265	N	119.561	W	5	G			0.9	7	NEVADA. ML 3.0 (GS).
	10	05 48 43.2&	34.108	N	116.400	W	4					7	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.0 (GS).
	10	06 01 37.2&	34.998	N	116.958	W	5					11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 2.9 (GS).
	10	06 08 15.3*	14.372	S	75.441	W	72	?	4.4		1.0	20	NEAR COAST OF PERU
	10	06 43 15.5	39.219	N	119.546	W	5	G			0.6	8	NEVADA. ML 3.1 (GS). MD 2.8 (REN). Felt in the Daytan area.
	10	06 48 16.1*	6.B25	S	147.675	E	33	N	4.2		0.7	5	EASTERN NEW GUINEA REG., P.N.G.
	10	06 54 25.6%	33.858	S	71.245	W	60	G			0.2	9	NEAR COAST OF CENTRAL CHILE. MD 3.2 (SAN).
	10	07 25 41.5	50.981	N	98.117	E	27		4.0		1.0	11	RUSSIA-MONGOLIA BORDER REGION
	10	07 52 12.3&	34.314	N	116.458	W	5					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS).
	10	0B 43 17.9&	61.539	N	146.562	W	33					67	SOUTHERN ALASKA. <AEIC>. ML 3.4 (AEIC), 3.8 (PMR). Felt (III) at Glennallen.
	10	08 43 19.6*	11.194	S	165.193	E	33	N	4.9	4.0	1.1	15	SANTA CRUZ ISLANDS
	10	08 51 49.2*	50.B92	N	157.223	E	33	N	4.5		1.0	20	KURIL ISLANDS
f	10	09 31 27.5	44.695	N	149.482	E	20	G	6.2	6.5	1.0	575	KURIL ISLANDS. Ms 6.1 (BRK). Mo=1.3*10**19 Nm (PPT). Depth fram broadband displacement seismograms.
	10	09 45 46.B&	34.443	N	116.498	W	2					5	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
	10	10 09 24.0*	44.991	N	149.457	E	4B	D	4.7		1.0	46	KURIL ISLANDS
	10	10 14 02.7*	44.718	N	149.200	E	33	N	4.4		0.6	11	KURIL ISLANDS
	10	10 56 27.2	3B.008	N	21.454	E	10	G			0.6	17	GREECE. ML 3.4 (ATH), 3.3 (TIR). MD 3.3 (THE).
	10	11 23 44.9?	44.41	N	149.77	E	33	N	4.1		1.1	7	KURIL ISLANDS
	10	11 53 17.6	33.975	N	116.958	W	5	G			0.8	9	SOUTHERN CALIFORNIA. ML 2.9 (GS). MD 2.8 (PAS).
	10	12 00 28.8	44.382	N	149.603	E	25	D	4.7		1.2	47	KURIL ISLANDS
	10	12 02 43.7	41.623	N	22.334	E	10	G			0.5	9	NORTHWESTERN BALKAN REGION. ML 2.7 (SKO). MD 2.4 (THE).
	10	12 15 53.1%	38.775	N	26.805	E	10	G			0.5	7	AEGEAN SEA
	10	12 20 59.7?	46.01	N	148.08	E	33	N	4.0		1.1	13	NORTHWEST OF KURIL ISLANDS
	10	12 23 37.9	42.351	N	24.153	E	10	G			0.7	8	BULGARIA. MD 2.8 (THE).
	10	12 36 20.0?	43.57	N	150.23	E	33	N	4.6		1.5	5	EAST OF KURIL ISLANDS
	10	12 46 32.0	4.968	S	151.259	E	136		4.9		0.8	84	NEW BRITAIN REGION, P.N.G.
	10	12 55 59.0&	34.077	N	116.340	W	6	G				8	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.0 (PAS). ML 2.8 (GS).
	10	13 57 33.6	44.627	N	149.393	E	50	D	5.2		1.0	183	KURIL ISLANDS
	10	14 23 18.8&	34.469	N	116.501	W	1					10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
	10	14 44 43.0&	50.640	N	101.840	W	1	G				5	MANITOBA, CANADA. <PGC-P>. mbLg 3.4 (PGC). Induced earthquake at the IMC K2 potash mine near Esterhazy, Saskatchewan. Felt (IV) both undergraund and at the surface ta distances af abaut 10 kilameters. Epicenter fixed ta center of felt area.
	10	14 51 32.2&	34.203	N	116.806	W	3					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.0 (GS).
	10	15 28 50.8*	44.061	N	150.003	E	33	N	4.5		1.4	24	EAST OF KURIL ISLANDS
	10	16 01 37.4&	34.469	N	116.506	W	2					12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.3 (GS).
	10	16 14 02.7&	34.959	N	116.787	W	2					12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.1 (GS).
	10	16 30 56.0&	34.508	N	116.523	W	6	G				9	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.0 (PAS). ML 3.0 (GS).
	10	16 36 04.2&	60.723	N	151.643	W	73					39	KENAI PENINSULA, ALASKA. <AEIC>.
	10	16 48 22.0&	34.960	N	116.932	W	3					13	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.7 (PAS), 3.3 (GS).
	10	16 52 27.8	31.181	N	142.471	E	34	D	4.9		0.8	47	SOUTH OF HONSHU, JAPAN
	10	17 18 58.8*	6.846	N	73.023	W	171	*	4.5		1.4	9	NORTHERN COLOMBIA
	10	17 19 19.B%	43.274	N	18.829	E	10	G			0.3	9	NORTHWESTERN BALKAN REGION. ML 1.4 (TTG).
	10	17 26 01.9?	31.07	N	142.12	E	33	N	4.5		1.3	8	SOUTH OF HONSHU, JAPAN
	10	17 31 35.6*	60.553	N	4.864	E	10	G			0.5	5	SOUTHERN NORWAY. ML 1.1 (NAO). MD 1.5 (BER).
	10	17 43 31.8&	34.B71	N	116.679	W	0					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
	10	19 06 27.9&	34.651	N	116.458	W	1					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
	10	20 12 26.0?	45.99	N	26.88	E	130	G			0.4	5	ROMANIA
	10	21 03 29.1?	34.16	S	71.64	W	33	N			0.5	9	NEAR COAST OF CENTRAL CHILE. MD 3.4 (SAN).
	10	21 07 52.3?	40.32	N	24.36	E	10	G			0.4	5	AEGEAN SEA. MD 2.3 (THE).
	10	21 38 07.9*	12.014	N	142.611	E	33	N	4.6		1.1	12	SOUTH OF MARIANA ISLANDS
	10	21 42 49.2%	47.486	N	0.042	W	10	G			1.2	6	FRANCE. ML 2.5 (LDG).
	10	22 22 49.0?	32.28	S	71.23	W	60	G			0.3	10	NEAR COAST OF CENTRAL CHILE. MD 3.5 (SAN).
	10	22 43 43.7*	23.078	S	70.733	W	33	N			0.9	6	NEAR COAST OF NORTHERN CHILE
	10	23 55 51.6&	34.627	N	116.545	W	3					11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 2.9 (GS).
	10	23 57 04.3	36.093	N	30.830	E	77		4.1		1.2	56	TURKEY. MD 4.1 (HLW).
	10	23 58 24.3%	40.469	N	25.630	E	10	G			0.7	8	AEGEAN SEA
	11	00 21 39.9	36.085	N	30.848	E	10	G			0.9	17	TURKEY. MD 4.1 (HLW), 3.8 (ATH). ML 3.7 (CSS).
	11	01 31 58.0%	45.966	N	2.785	E	10	G			0.5	11	FRANCE. ML 1.6 (LDG).
	11	02 25 55.0?	7.35	S	106.66	E	33	N	4.9		1.1	14	JAWA, INDONESIA
	11	04 34 38.9	27.977	S	66.582	W	195	*			0.8	14	CATAMARCA PROVINCE, ARGENTINA
	11	04 37 28.7*	44.440	N	149.473	E	33	N	4.7		0.9	37	KURIL ISLANDS
	11	05 36 14.8?	37.28	S	178.13	E	88	*	4.0		0.7	8	OFF E. COAST OF N. ISLAND, N.Z.
	11	06 02 1B.2%	42.756	N	20.379	E	10	G			0.5	9	NORTHWESTERN BALKAN REGION. ML 1.4 (TTG).
	11	07 18 01.0%	15.921	N	60.270	W	10	G			0.1	7	LEEWARD ISLANDS. ML 3.0 (FDF).
	11	07 21 00.5*	50.328	N	18.840	E	10	G			0.5	5	POLAND. ML 3.5 (WAR).
	11	07 21 36.0&	34.447	N	116.503	W	6	G				15	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.4 (PAS). ML 3.5 (GS).

	11	07 51 04.6&	63.542	N	150 808	W	12					63	CENTRAL ALASKA. <AEIC>. ML 3.3 (AEIC), 3.5 (PMR).
	11	08 26 29.2	21.823	N	121.021	E	30		4.4		1.1	18	TAIWAN REGION
	11	08 35 56.5%	42.651	N	13 149	E	10	G			1.4	8	CENTRAL ITALY
	11	08 40 05.1?	12 18	S	14.87	W	10	G	5.1	4.9	1.0	43	SOUTHERN MID-ATLANTIC RIDGE
	11	08 41 15.1?	12.84	S	14.36	W	10	G	5.2		0.4	21	SOUTHERN MID-ATLANTIC RIDGE
	11	08 53 58.6?	40.63	N	23.00	E	5	G			0.2	4	GREECE
	11	09 19 15.9?	42.51	N	13.10	E	10	G			1.7	4	CENTRAL ITALY
	11	10 03 34.9%	39.036	N	16.871	E	10	G			0.7	8	SOUTHERN ITALY
f	11	10 44 19.7	22.483	S	178.413	W	377	G	6.2		1.1	591	SOUTH OF FIJI ISLANDS. mb 6.4 (BRK). Mo=1.4*10**20 Nm (PPT). Felt (IV) on Raoul Island. Depth from broadband displacement seismograms.
	11	10 46 37.0*	12.571	S	14.744	W	10	G	4.9		0.7	31	SOUTHERN MID-ATLANTIC RIDGE
	11	12 08 58.3%	39.220	N	26.959	E	10	G			0.6	7	TURKEY
	11	12 53 13.3	4.369	S	102.839	E	57	D	5.3		1.2	129	SOUTHERN SUMATERA, INDONESIA
	11	13 23 07.8	39.322	N	111.123	W	5	G	3.9		1.2	16	UTAH. ML 3.7 (GS).
	11	13 39 00.1	38.983	N	17.107	E	10	G			1.0	12	SOUTHERN ITALY
	11	14 21 24.7	51.471	N	15.992	E	10	G			1.0	25	POLAND. ML 4.3 (VIE), 4.0 (GRF).
	11	14 32 23.0?	62.44	N	3.46	E	10	G			1.3	10	NORWEGIAN SEA. MD 3.0 (BER).
	11	14 54 32.5&	34.179	N	116.960	W	12					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	11	15 20 45.5*	51.243	N	15.769	E	10	G			1.2	11	POLAND. ML 3.3 (GRF).
	11	15 32 33.6&	60.742	N	149.500	W	28					42	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.5 (AEIC).
	11	16 06 12.9*	44.175	N	149.887	E	33	N	3.6		1.5	16	KURIL ISLANDS
	11	16 07 56.7	12.994	S	14.483	W	10	G	5.2	4.8	0.8	82	SOUTHERN MID-ATLANTIC RIDGE
	11	16 25 57.2	40.028	N	19.725	E	10	G			1.4	8	ALBANIA. MD 3.0 (ATH).
	11	16 55 42.1	41.688	N	19.586	E	10	G			0.9	16	ALBANIA. ML 2.1 (TTG), 1.8 (TIR).
	11	17 21 59.9	36.556	N	10.779	E	33	N	3.9		1.3	45	TUNISIA
	11	17 49 51.9%	39.397	N	22.881	E	10	G			0.3	5	GREECE
	11	18 07 07.3&	34.472	N	116.523	W	0					10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.2 (GS).
	11	18 14 16.1&	35.210	N	118.066	W	11		5.3	4.9		166	CENTRAL CALIFORNIA. <PAS-P>. ML 5.7 (PAS), 5.6 (BRK). Felt (V) at Adelanto, California City, Edwards Air Force Base, Pearblossom, Sierra Madre, Valyermo and Van Nuys. Felt (IV) at Badfish, China Hills, Culver City, Helendale, Hesperia, Johannesburg, Joshua Tree, Lake Hughes, Littlerock, Monrovia, Montebello, Oceanside, Palmdale, Pasadena, Piru, Randsburg, Reseda, Ridgecrest, Rosamond, Tehachapi and Trona. Felt in Kern, Los Angeles, Orange, Riverside, San Bernardino and San Diego Counties.
	11	19 01 36.6?	59.43	N	6.00	E	10	G			0.4	4	SOUTHERN NORWAY. MD 1.7 (BER).
	11	19 28 21.0*	17.927	S	167.489	E	33	N	4.7		0.3	5	VANUATU ISLANDS
	11	19 41 57.5%	39.037	N	27.698	E	10	G			0.6	6	TURKEY
	11	19 45 22.5&	34.190	N	116.801	W	2					12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 2.9 (GS).
	11	19 50 03.9?	33.58	N	141.82	E	33	N	4.3		0.1	5	OFF EAST COAST OF HONSHU, JAPAN
	11	19 55 47.8	38.017	N	21.416	E	10	G	3.4		1.4	29	GREECE. MD 3.7 (ATH). ML 3.5 (TIR).
	11	20 12 59.7	40.094	N	24.883	E	9		3.2		0.7	25	AEGEAN SEA. MD 3.7 (ATH).
	11	20 20 32.8&	58.227	N	143.767	W	10	G				4	GULF OF ALASKA. <AEIC>. ML 2.8 (AEIC).
	11	20 24 47.0&	34.507	N	116.520	W	6	G				7	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.0 (PAS). ML 2.8 (GS).
	11	20 56 58.1?	40.47	N	28.15	E	10	G			0.9	4	TURKEY
	11	21 03 16.5*	25.084	S	179.494	E	573	?	4.6		1.4	42	SOUTH OF FIJI ISLANDS
	11	21 17 35.0?	5.75	S	151.2B	E	67	?	4.3		1.0	5	NEW BRITAIN REGION, P.N.G.
	11	21 32 26.0&	34.202	N	116.792	W	6	G				7	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.0 (PAS).
	11	21 57 26.8?	14.66	S	166.1B	E	33	N	4.0		1.3	5	VANUATU ISLANDS
	11	22 35 12.0	42.042	N	142.502	E	73		4.6		1.0	37	HOKKAIDO, JAPAN REGION
	11	22 35 34.9*	36.660	N	71.404	E	198	?	3.5		0.3	9	AFGHANISTAN-TAJIKISTAN BORD REG.
	11	23 28 36.5?	38.18	N	28.75	E	10	G			0.7	4	TURKEY
	11	23 46 45.4*	31.249	N	142.811	E	33	N	4.2		1.3	13	SOUTH OF HONSHU, JAPAN
	12	00 01 26.6%	59.616	N	5.238	E	10	G			1.0	6	SOUTHERN NORWAY. MD 1.6 (BER).
	12	00 05 23.7%	41.704	N	13.942	E	10	G			0.6	7	SOUTHERN ITALY
	12	00 08 59.0&	34.112	N	116.912	W	6					8	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.0 (PAS). ML 2.9 (GS).
	12	01 16 56.9*	28.971	S	175.984	W	79	?	4.8		1.3	24	KERMADEC ISLANDS REGION
	12	01 58 59.2%	10.887	N	62.175	W	90	G			0.4	7	NEAR COAST OF VENEZUELA. MD 3.4 (TRN).
	12	02 18 00.0&	34.092	N	116.413	W	6	G				11	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.0 (PAS). ML 3.1 (GS).
	12	02 46 04.5%	46.571	N	0.004	E	5	G			1.4	13	FRANCE. ML 2.6 (LDG).
	12	03 08 58.9&	37.635	N	118.955	W	7					9	CALIFORNIA-NEVADA BORDER REGION. <BRK>. ML 3.0 (BRK).
	12	03 28 02.6*	31.303	S	67.821	W	10	G			0.5	9	SAN JUAN PROVINCE, ARGENTINA
	12	04 13 08.2*	31.281	N	142.543	E	33	N	4.4		1.0	10	SOUTH OF HONSHU, JAPAN
	12	05 24 12.3%	40.760	N	23.116	E	5	G			0.2	5	GREECE
	12	05 35 13.4&	34.551	N	116.536	W	9					18	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.9 (PAS). ML 3.7 (GS).
	12	05 51 27.7&	34.869	N	116.675	W	0					9	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.0 (PAS).
	12	07 00 18.4&	34.131	N	117.006	W	4					12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.3 (GS).
	12	07 56 08.0&	60.744	N	152.090	W	86					55	SOUTHERN ALASKA. <AEIC>.
	12	08 38 31.6&	35.051	N	116.985	W	1					13	CENTRAL CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
	12	08 52 49.2%	42.762	N	19.175	E	14				0.1	9	NORTHWESTERN BALKAN REGION. MD 1.5 (TTG).
	12	09 05 51.9?	39.05	N	21.75	E	10	G			1.3	8	GREECE
	12	10 07 14.1	44.265	N	149.597	E	49	D	5.1	4.4	1.1	150	KURIL ISLANDS
	12	10 10 17.9%	42.521	N	13.194	E	10	G			1.0	5	CENTRAL ITALY
	12	10 35 29.0?	6.87	N	73.01	W	163	*	4.2		1.6	8	NORTHERN COLOMBIA
	12	10 35 40.6&	34.929	N	116.776	W	6	G				13	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
f	12	11 08 55.3	41.457	N	142.031	E	64	G	6.0		0.9	546	HOKKAIDO, JAPAN REGION. Ms 5.7 (BRK). Mo=4.0*10**18 Nm (PPT). Depth from broadband displacement seismograms.
	12	11 13 18.0*	41.459	N	142.055	E	70	*	5.0		1.2	12	HOKKAIDO, JAPAN REGION
	12	11 13 27.3&	34.552	N	116.533	W	10					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 2.8 (GS).
	12	11 18 45.1%	33.757	S	71.316	W	51	?			0.3	10	NEAR COAST OF CENTRAL CHILE. MD 3.2 (SAN).
	12	12 10 39.3?	2.97	S	139.24	E	33	N	4.2		1.6	6	NEAR NORTH COAST OF IRIAN JAYA
	12	12 13 45.3	35.027	N	26.280	E	71	*	4.2		1.1	28	CRETE. MD 3.9 (ATH).
	12	12 25 28.3?	41.88	N	125.61	W	10	G			0.3	8	OFF COAST OF NORTHERN CALIFORNIA
	12	12 53 31.2&	33.981	N	116.377	W	1					8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.7 (GS).
a	12	13 14 15.1	44.534	N	149.538	E	54	D	5.6		1.0	311	KURIL ISLANDS
	12	13 21 30.4	44.524	N	149.568	E	51	D	5.7		1.0	245	KURIL ISLANDS

	12	13	40	04.5&	34.400	N	116.473	W	1			10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 2.8 (GS).
	12	14	49	33.6*	36.446	N	30.180	E	33 N		1.4	6	TURKEY MD 4.0 (HLW). ML 3.3 (CSS).
	12	14	52	26.5*	24.262	S	67.213	W	180 *		1.4	9	CHILE-ARGENTINA BORDER REGION
	12	15	54	06.7?	39.85	N	20.11	E	10 G		1.7	8	GREECE-ALBANIA BORDER REGION. ML 2.7 (TIR).
	12	16	36	14.0&	34.245	N	116.438	W	4			14	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.1 (GS).
	12	17	29	35.8&	63.929	N	149.079	W	118			60	CENTRAL ALASKA. <AEIC>.
	12	17	37	04.7*	7.104	S	129.272	E	109 *	4.9	1.6	43	BANDA SEA
	12	17	44	54.9*	34.787	N	26.249	E	71 *	3.8	0.9	18	CRETE
	12	17	54	07.2	39.886	N	19.959	E	10 G		1.0	10	GREECE-ALBANIA BORDER REGION
	12	18	01	01.7&	34.871	N	116.677	W	0			10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	12	18	12	47.3?	6.79	S	147.09	E	33 N	4.1	1.4	5	EASTERN NEW GUINEA REG., P.N.G. ML 4.1 (PMG).
	12	18	58	44.3	33.643	S	69.618	W	10 G		0.6	15	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	12	18	59	45.6*	6.047	S	147.394	E	51 *	4.4	1.4	18	EASTERN NEW GUINEA REG., P.N.G.
	12	19	55	18.5?	17.71	S	167.84	E	33 N	3.2	0.3	4	VANUATU ISLANDS
	12	20	02	38.6&	61.380	N	150.092	W	39			83	SOUTHERN ALASKA. <AEIC>. ML 3.7 (AEIC), 3.7 (PMR). Felt (II) at Palmer.
	12	20	23	14.1	45.672	N	27.122	E	46 *	3.7	1.4	36	ROMANIA
	12	21	07	21.4*	51.257	N	15.824	E	10 G		1.2	9	POLAND. ML 3.3 (VIE), 3.2 (GRF).
	12	22	11	08.5%	42.462	N	13.267	E	10 G		1.0	5	CENTRAL ITALY
	12	22	36	50.8&	34.264	N	116.455	W	5			14	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.6 (PAS), 3.2 (GS).
	12	23	09	29.4&	34.073	N	116.413	W	0			8	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	12	23	18	20.8&	34.032	N	116.363	W	2			6	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS).
	12	23	19	02.5&	34.980	N	116.940	W	4			9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
a	12	23	40	59.8	3.090	N	122.005	E	616 D	5.5	1.0	258	CELEBES SEA
	12	23	48	00.5&	34.979	N	116.946	W	4			9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	13	00	10	08.5	3.313	N	121.922	E	624	5.1	1.0	80	CELEBES SEA
	13	00	11	51.0&	34.326	N	116.672	W	0			18	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.9 (PAS), 3.9 (GS).
	13	00	28	18.7&	60.290	N	153.435	W	183			47	SOUTHERN ALASKA. <AEIC>.
	13	00	53	15.7?	35.28	S	70.94	W	110 G		0.1	10	CHILE-ARGENTINA BORDER REGION. MD 3.9 (SAN).
	13	01	52	37.8	35.740	N	23.417	E	25	4.2	1.1	36	CRETE. MD 3.8 (ATH).
	13	02	09	56.6?	35.16	S	71.19	W	100 G		0.2	10	CENTRAL CHILE. MD 3.6 (SAN).
	13	02	56	31.0%	33.312	S	70.438	W	90 G		0.4	11	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	13	03	41	59.9*	12.679	N	89.169	W	93 ?	4.7	1.3	22	OFF COAST OF CENTRAL AMERICA
	13	05	00	00.8&	34.087	N	116.410	W	3			14	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.8 (PAS), 3.6 (GS).
	13	06	33	34.9?	30.86	S	67.83	W	33 N		0.1	4	SAN JUAN PROVINCE, ARGENTINA
	13	06	42	25.2?	18.92	N	66.33	W	33 N		1.3	7	PUERTO RICO REGION
	13	07	57	32.7*	15.874	N	93.813	W	116 *	4.1	1.2	6	NEAR COAST OF CHIAPAS, MEXICO
	13	07	57	46.3&	36.003	N	118.369	W	6 G			19	CENTRAL CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	13	08	06	14.6?	39.08	N	27.64	E	10 G		0.9	4	TURKEY
	13	08	22	57.3*	32.551	S	71.447	W	33 N		0.9	11	NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	13	08	25	37.7&	35.994	N	118.361	W	0			24	CENTRAL CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.2 (GS).
	13	08	27	36.3?	37.62	S	176.35	E	230 G		1.2	24	NORTH ISLAND, NEW ZEALAND
	13	08	54	39.7?	40.60	N	23.00	E	10 G		0.1	5	GREECE
	13	09	22	15.7	38.069	N	21.476	E	10 G		1.2	22	GREECE. MD 3.5 (ATH). ML 3.5 (TIR).
	13	09	30	45.8&	63.021	N	151.016	W	124	3.6		81	CENTRAL ALASKA. <AEIC>.
	13	09	34	40.5	45.953	N	13.596	E	14		1.3	35	NORTHERN ITALY. MD 3.5 (LJU). ML 3.4 (VIE), 3.3 (LDG), 3.1 (ZAG). Felt (V) at Anhova and Kanal, Slovenia.
	13	09	40	58.6*	46.060	N	13.711	E	10 G		0.9	6	AUSTRIA. MD 2.6 (LJU). ML 2.3 (VIE).
	13	09	51	02.8	34.992	N	117.010	W	5 G		0.7	19	SOUTHERN CALIFORNIA. ML 3.8 (GS). Felt at Barstow.
	13	09	52	31.1*	35.034	N	117.038	W	5 G		0.6	5	CENTRAL CALIFORNIA. ML 2.8 (GS). MD 2.8 (PAS). Felt at Barstow.
	13	09	53	05.9	35.928	N	118.428	W	5 G		0.8	21	CENTRAL CALIFORNIA. ML 4.0 (GS).
	13	10	09	18.0&	34.975	N	116.937	W	3			23	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.7 (PAS), 3.5 (GS).
	13	10	30	18.6%	11.301	N	61.876	W	10 G		0.8	6	WINDWARD ISLANDS. MD 3.3 (TRN).
	13	10	44	48.1*	18.868	N	95.517	E	33 N	4.3	1.3	16	MYANMAR
	13	10	56	31.7	25.823	N	123.879	E	200 D	4.9	1.1	123	NORTHEAST OF TAIWAN
	13	11	33	47.0&	34.212	N	116.860	W	6 G			11	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.2 (PAS). ML 3.2 (GS).
	13	11	37	03.5&	63.169	N	150.781	W	128			61	CENTRAL ALASKA. <AEIC>.
	13	11	51	37.6*	41.457	N	22.378	E	10 G		0.3	6	NORTHWESTERN BALKAN REGION. ML 2.1 (SKO).
	13	12	29	58.4?	14.79	N	60.79	W	33 N		0.1	4	WINDWARD ISLANDS. ML 2.2 (FDF).
	13	12	45	14.7?	45.13	N	7.09	E	10 G		0.7	4	NORTHERN ITALY. ML 2.0 (GEN).
	13	13	26	12.4&	40.417	N	124.717	W	14			4	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 3.1 (GM).
	13	13	35	23.9?	20.08	N	70.0B	W	33 N	3.8	0.8	7	DOMINICAN REPUBLIC REGION. Felt at San Francisco de Macoris.
o	13	14	19	05.7	41.498	N	142.045	E	68 D	5.1	1.1	183	HOKKAIDO, JAPAN REGION
	13	14	32	05.9%	33.641	S	72.007	W	10 G		0.5	10	OFF COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	13	14	37	08.6*	54.151	N	161.566	E	33 N	4.4	1.1	21	NEAR EAST COAST OF KAMCHATKA
f	13	15	34	04.5	51.171	N	157.626	E	45 G	5.7 5.8	1.0	507	NEAR EAST COAST OF KAMCHATKA. Mo=2.5*10**18 Nm (PPT). Felt (VI) on Shumshu and (IV) at Severo-Kurilsk. Depth from broadband displacement seismograms.
	13	16	05	13.1*	5.449	N	126.140	E	33 N	4.4	0.3	7	MINDANAO, PHILIPPINE ISLANDS
	13	16	35	54.0	26.382	S	27.526	E	5 G	3.8	1.0	10	REPUBLIC OF SOUTH AFRICA. mbLg 3.7 (BUL).
f	13	18	11	33.7	3.919	S	76.602	W	97 G	6.1	0.9	569	NORTHERN PERU. mb 6.4 (BRK). Mo=2.5*10**18 Nm (PPT). Felt (V) at Moyobamba and Riaja. Felt throughout much of northern Peru. Also felt at Cuenca, Guayaquil, Loja and Quito, Ecuador. Depth from broadband displacement seismograms.
	13	19	35	04.0*	39.137	N	28.042	E	10 G		0.7	5	TURKEY
	14	00	14	04.8	17.130	N	61.650	W	78	4.1	0.8	20	LEEWARD ISLANDS. MD 3.4 (TRN).
	14	00	21	03.2%	42.484	N	12.627	E	10 G		0.6	8	CENTRAL ITALY
	14	00	24	59.0&	35.988	N	118.365	W	0			23	CENTRAL CALIFORNIA. <PAS-P>. ML 3.6 (PAS), 3.4 (GS).
	14	00	35	19.4?	44.39	N	7.40	E	10 G		0.3	4	NORTHERN ITALY. ML 1.4 (GEN).
	14	00	43	41.8&	38.748	N	119.695	W	7			20	CALIFORNIA-NEVADA BORDER REGION. <BRK>. ML 3.5 (BRK), 3.0 (GS).
	14	00	48	55.3*	44.847	N	149.372	E	33 N	3.8	1.4	9	KURIL ISLANDS
	14	00	53	27.1	36 826	N	21.240	E	10 G	3.7	1.1	26	SOUTHERN GREECE. MD 3.7 (ATH).
	14	01	44	27.8?	51.70	N	7.84	E	10 G		1.4	6	GERMANY. ML 2.2 (BNS).
	14	02	13	11.5	40.978	N	22.410	E	10 G		0.4	10	GREECE. ML 1.4 (SKO).
	14	03	42	24.0%	22.185	S	126.613	E	10 G		1.3	14	WESTERN AUSTRALIA
	14	03	43	53.6&	34.193	N	116.435	W	1			11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.1 (GS).
	14	03	54	35.3*	40.671	N	127.572	W	10 G	3.7	0.9	26	OFF COAST OF NORTHERN CALIFORNIA
	14	04	19	10.8?	42.50	N	13.14	E	10 G		0.2	4	CENTRAL ITALY

	14	04	24	28.2*	30.181	N	66.320	E	33	N	4.6	1.7	15	PAKISTAN
	14	04	26	26.6	39.255	N	41.754	E	18	D	4.5	1.3	73	TURKEY. Fifteen houses collapsed and 27 houses slightly damaged at Halilcovus, Hinis, Kizilahmet, Kongur, Ovacevirme, Parmaksiz and Suvaran. Felt at Erzurum, Mus and Varto.
	14	05	19	59.0%	22.157	S	129.221	E	10	G		1.6	10	NORTHERN TERRITORY, AUSTRALIA
	14	05	28	57.9?	17.75	S	176.84	W	33	N	5.1 4.4	1.2	13	FIJI ISLANDS REGION
	14	06	13	28.9*	10.241	S	161.577	E	77	D	4.6	1.6	11	SOLOMON ISLANDS
	14	06	20	18.6?	14.96	N	94.81	W	33	N	4.0	1.5	6	OFF COAST OF CHIAPAS, MEXICO
	14	06	22	06.0?	6.24	S	148.07	E	64	*	4.9	1.4	7	NEW BRITAIN REGION, P.N.G.
	14	06	25	59.0%	40.443	N	23.071	E	10	G		1.0	8	GREECE
	14	06	38	35.0&	34.067	N	116.407	W	6	G			11	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.0 (PAS). ML 2.8 (GS).
	14	06	44	45.2%	42.542	N	18.514	E	5	G		0.1	5	NORTHWESTERN BALKAN REGION. MD 1.3 (TTG).
o	14	07	03	09.5	4.725	S	125.455	E	465	D	5.5	1.1	300	BANDA SEA
	14	07	04	35.7%	40.371	N	23.305	E	10	G		1.0	7	GREECE
	14	07	39	31.9	6.737	N	72.898	W	166		4.6	1.1	18	NORTHERN COLOMBIA
	14	07	42	49.9	2.173	S	100.882	E	57	D	5.2	1.3	96	SOUTHERN SUMATERA, INDONESIA
	14	07	48	18.2?	51.03	N	157.68	E	33	N	4.6	0.8	26	NEAR EAST COAST OF KAMCHATKA
	14	08	38	58.7?	43.01	N	4.78	E	10	G		0.4	5	NEAR SOUTH COAST OF FRANCE. ML 2.7 (LDG).
a	14	09	54	43.5	51.101	N	157.815	E	45	D	5.0 4.3	0.9	150	NEAR EAST COAST OF KAMCHATKA
	14	10	39	25.3?	45.01	N	151.68	E	33	N	3.7	1.6	10	KURIL ISLANDS
	14	11	22	44.0?	17.44	N	94.47	W	33	N		0.6	4	CHIAPAS, MEXICO
	14	12	41	55.0&	34.601	N	116.627	W	4				13	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 2.9 (GS).
	14	12	55	35.1*	44.365	N	20.361	E	10	G		1.3	13	NORTHWESTERN BALKAN REGION. MD 3.0 (TTG).
	14	13	04	02.6&	34.187	N	116.801	W	2				13	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.3 (GS).
	14	13	15	08.8*	3.714	N	96.050	E	33	N	4.6	1.2	18	NORTHERN SUMATERA, INDONESIA
	14	13	28	29.2%	44.398	N	7.386	E	10	G		0.7	6	NORTHERN ITALY. ML 1.8 (GEN).
	14	13	46	31.4%	39.706	N	21.613	E	10	G		0.8	5	GREECE
	14	14	37	08.9*	40.742	N	72.477	E	33	N	4.1	1.0	11	KYRGYZSTAN
	14	15	09	15.6&	34.219	N	116.770	W	2				18	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.7 (PAS), 3.6 (GS).
a	14	15	17	09.6	45.361	N	151.063	E	44	D	5.7 5.4	1.1	293	KURIL ISLANDS
	14	15	36	19.8%	39.805	N	29.065	E	10	G		1.5	7	TURKEY
	14	15	40	02.7?	66.97	N	20.94	E	10	G		0.2	4	SWEDEN. MD 3.4 (BER).
	14	16	15	35.4&	34.979	N	116.938	W	0				7	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
	14	16	21	51.0&	34.093	N	116.402	W	6	G			8	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.2 (PAS). ML 3.0 (GS).
	14	16	29	24.8*	34.068	N	116.448	W	5	G		0.4	6	SOUTHERN CALIFORNIA. ML 2.8 (GS). MD 2.8 (PAS).
	14	16	43	47.6	45.457	N	151.128	E	47	D	5.0	1.1	74	KURIL ISLANDS
	14	16	52	26.2	38.637	N	30.798	E	10	G		1.1	11	TURKEY. MG 3.3 (DDA).
	14	17	12	57.8	48.817	N	10.407	E	10	G		0.7	6	GERMANY. ML 2.6 (LDG), 2.4 (FUR), 2.4 (GRF).
	14	17	14	24.2&	60.057	N	150.137	W	19				48	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.8 (AEIC).
	14	17	24	37.0&	34.242	N	116.459	W	2				11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.0 (GS).
	14	17	49	57.0?	42.90	N	18.05	E	10	G		0.6	9	NORTHWESTERN BALKAN REGION. MD 2.5 (TTG).
	14	18	46	22.7	39.178	N	41.722	E	10	G	4.5	1.4	46	TURKEY. Felt at Erzurum.
	14	19	00	12.3%	44.799	N	6.685	E	10	G		0.1	6	FRANCE. ML 1.8 (GEN).
	14	19	56	53.3*	25.026	S	179.603	W	497	*	4.9	1.0	32	SOUTH OF FIJI ISLANDS
	14	20	01	51.5&	45.993	N	118.309	W	12				92	OREGON. <SEA>. MD 4.1 (SEA). ML 3.8 (GS). Felt (IV) at College Place and Prescott; (III) at Dixie and Walla Walla; (II) at Waitsburg, Washington. Felt (IV) at Milton-Freewater and Weston; (III) at Adams, Athena, Helix and Pilot Rock; (II) at Ukiah, Oregon.
	14	20	36	51.5&	34.645	N	116.644	W	7				13	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.8 (PAS), 3.5 (GS).
	14	20	43	18.6?	32.50	S	71.78	W	10	G		0.6	10	NEAR COAST OF CENTRAL CHILE. MD 3.5 (SAN).
	14	20	46	43.0&	34.246	N	116.440	W	6				12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 2.9 (GS).
o	14	22	24	20.2*	56.364	S	30.212	W	33	N	5.1 4.8	1.4	17	SOUTH SANDWICH ISLANDS REGION
	14	22	33	13.0&	33.937	N	116.397	W	0				10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 2.9 (GS).
	14	22	57	17.7	39.929	N	24.532	E	10	G		0.8	17	AEGEAN SEA
	14	23	29	16.0*	32.247	S	71.050	W	92	?		0.2	13	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
	14	23	50	48.2	40.760	N	72.713	E	33	N	4.4	0.5	10	KYRGYZSTAN
	15	00	17	05.1	22.363	S	126.529	E	10	G	5.2	1.0	38	WESTERN AUSTRALIA
	15	00	18	56.8&	34.332	N	116.461	W	0				19	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.9 (PAS), 4.0 (GS).
	15	00	22	22.9	49.626	N	155.552	E	69		4.7	0.8	50	KURIL ISLANDS
	15	01	16	25.6	5.956	S	146.642	E	61		5.2	0.9	74	EASTERN NEW GUINEA REG., P.N.G.
	15	01	20	38.2%	40.406	N	29.682	E	10	G		0.7	6	TURKEY
	15	01	25	10.9?	39.20	N	3.02	W	10	G		0.1	4	SPAIN. mbLg 2.6 (MDD).
	15	01	48	21.6%	40.568	N	23.443	E	10	G		0.4	6	GREECE
	15	01	56	09.1	22.086	S	126.555	E	10	G		1.3	16	WESTERN AUSTRALIA
	15	02	01	24.9*	39.977	N	33.394	E	10	G		1.0	7	TURKEY
	15	02	03	35.4	37.115	N	116.213	W	5	G		0.5	47	SOUTHERN NEVADA. ML 2.9 (GS).
	15	02	17	21.6&	58.792	N	153.010	W	62				39	KODIAK ISLAND REGION. <AEIC>. ML 2.5 (AEIC).
	15	02	56	40.7*	38.760	N	99.549	W	5	G		1.3	7	KANSAS. mbLg 3.3 (GS), 3.3 (TUL). Felt (IV) at Hays and Ellis. Also felt 16 kilometers north of Hays and 12 kilometers southwest of Hays.
	15	04	05	20.2&	34.275	N	116.693	W	5				12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 2.8 (GS).
	15	05	13	41.3*	33.624	S	72.538	W	10	G	4.1	1.0	22	OFF COAST OF CENTRAL CHILE. MD 4.5 (SAN).
	15	05	55	27.2*	38.673	N	24.893	E	11			1.6	15	AEGEAN SEA. MD 3.4 (ATH).
o	15	06	34	16.5	1.331	N	123.190	E	44	D	5.1 4.8	1.3	51	MINAHASSA PENINSULA, SULAWESI
	15	06	57	46.6*	38.494	S	176.135	E	130	G		1.4	23	NORTH ISLAND, NEW ZEALAND
	15	06	59	45.9&	63.123	N	150.458	W	122				42	CENTRAL ALASKA. <AEIC>.
	15	07	20	23.4&	34.103	N	116.979	W	4				12	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.9 (GS).
	15	07	26	02.4?	40.38	N	23.27	E	10	G		1.2	4	GREECE
	15	07	27	40.0*	38.946	N	23.269	E	10	G		0.3	10	GREECE
	15	07	54	31.6?	39.08	N	27.59	E	10	G		0.8	4	TURKEY
	15	08	06	16.4%	39.102	N	27.563	E	10	G		0.7	5	TURKEY
	15	08	07	38.8%	44.267	N	11.537	E	10	G		0.8	8	NORTHERN ITALY
	15	08	12	53.2%	44.262	N	11.475	E	10	G		0.2	5	NORTHERN ITALY
	15	08	43	31.1?	37.31	N	77.35	E	33	N	4.2	1.1	7	SOUTHERN XINJIANG, CHINA
	15	08	56	26.1&	40.881	N	124.845	W	16				4	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 2.9 (GM).
	15	09	12	58.6	43.544	N	132.207	E	469		4.6	0.9	108	NEAR SOUTHEAST COAST OF RUSSIA
	15	09	23	03.1	52.483	N	168.577	W	33	N	4.8	1.0	61	FOX ISLANDS, ALEUTIAN ISLANDS. ML 4.5 (PMR).
	15	09	41	33.3?	40.48	N	21.28	E	10	G		0.6	4	GREECE
	15	09	49	32.2	31.505	S	70.511	W	120	G		0.5	16	CHILE-ARGENTINA BORDER REGION. MD 4.1 (SAN).

	15	10 56 54.6&	34.975	N	116.946	W	4					12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 2.8 (GS). Felt at Barstow.
	15	11 19 50.3?	58.16	S	158.30	E	33	N	4.3		0.8	6	MACQUARIE ISLANDS REGION
	15	11 20 19.8	43.191	N	19.304	E	6				0.9	26	NORTHWESTERN BALKAN REGION. MD 3.1 (TTG). ML 3.1 (TIR).
	15	12 13 59.0?	22.96	S	66.48	W	230	?			1.5	7	JUJUY PROVINCE, ARGENTINA
	15	12 16 01.7%	44.098	N	11.425	E	10	G			0.5	5	NORTHERN ITALY
	15	12 24 04.4*	37.567	S	177.191	E	150	G			1.5	21	OFF E. COAST OF N. ISLAND, N.Z.
	15	12 31 43.2	38.573	S	176.094	E	130	G			1.4	27	NORTH ISLAND, NEW ZEALAND
	15	12 42 53.7&	63.107	N	150.434	W	114					36	CENTRAL ALASKA. <AEIC>.
	15	12 45 20.9&	34.117	N	116.376	W	2					16	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.8 (PAS), 3.7 (GS).
	15	15 37 45.5?	35.06	S	72.63	W	12				1.0	19	NEAR COAST OF CENTRAL CHILE. MD 4.3 (SAN).
	15	16 11 32.0&	59.626	N	153.437	W	125					38	SOUTHERN ALASKA. <AEIC>.
	15	16 32 29.3?	32.53	S	71.95	W	12				0.5	11	NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).
	15	16 35 31.3	33.229	S	68.838	W	33	N			1.0	20	MENDOZA PROVINCE, ARGENTINA. MD 4.3 (SAN). Felt (II) at Mendoza.
	15	17 30 56.8?	4.59	S	144.87	E	117	?	3.6		1.6	5	NEAR N COAST OF NEW GUINEA, PNG.
	15	17 42 59.0*	45.544	N	26.406	E	142	*	3.7		1.3	16	ROMANIA
a	15	18 04 19.4	8.774	S	121.442	E	130	G	5.7		1.2	271	FLORES REGION, INDONESIA. Depth from broadband displacement seismograms.
	15	18 10 47.0?	31.50	S	68.65	W	100	G			0.5	6	SAN JUAN PROVINCE, ARGENTINA
	15	18 33 52.4&	60.434	N	152.350	W	94					47	SOUTHERN ALASKA. <AEIC>.
	15	18 46 16.8?	42.91	N	17.97	E	10	G			0.6	9	ADRIATIC SEA. ML 2.2 (TTG).
	15	19 35 16.8*	7.670	S	127.783	E	166	?	4.4		1.1	10	BANDA SEA
	15	19 56 41.4	41.362	N	20.829	E	10	G			1.3	28	ALBANIA. ML 3.4 (SKO), 2.9 (TIR). MD 3.2 (TTG). Felt (V) at Godivje and Slivovo, Yugoslavia.
	15	20 20 16.2*	21.602	S	69.796	W	78	*	4.9		1.6	17	NORTHERN CHILE
	15	20 35 00.2	41.426	N	20.940	E	10	G			1.0	17	ALBANIA. ML 2.9 (TIR), 2.3 (TTG).
	15	20 35 07.7	34.545	N	116.648	W	5	G			0.9	8	SOUTHERN CALIFORNIA. ML 2.5 (GS).
	15	22 27 01.3	41.470	N	142.032	E	72		4.4		1.0	36	HOKKAIDO, JAPAN REGION
	15	22 37 54.7	42.771	N	20.249	E	10	G			0.5	11	NORTHWESTERN BALKAN REGION. MD 2.2 (TTG).
	15	23 22 18.4?	36.67	N	3.02	W	10	G			1.5	5	STRAIT OF GIBRALTAR. mbLg 3.0 (MDD).
	15	23 51 08.6*	36.656	N	21.226	E	10	G			1.5	18	SOUTHERN GREECE. MD 3.4 (ATH).
a	16	00 00 41.1	39.354	N	143.225	E	31	D	5.6	5.8	1.0	341	OFF EAST COAST OF HONSHU, JAPAN. Mo=1.0*10**18 Nm (PPT).
	16	00 05 22.8&	59.652	N	153.100	W	104					51	SOUTHERN ALASKA. <AEIC>.
	16	00 07 39.4	47.518	N	7.691	E	10	G			0.3	8	SWITZERLAND. ML 1.8 (STR).
	16	00 12 27.4?	39.56	N	143.29	E	33	N	3.9		1.7	7	OFF EAST COAST OF HONSHU, JAPAN
	16	00 35 05.8&	60.896	N	150.034	W	31					45	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.5 (AEIC).
	16	00 50 32.7?	36.91	N	1.98	E	10	G			0.7	7	NORTHERN ALGERIA. mbLg 2.9 (MDD).
	16	01 24 39.5%	34.331	S	70.760	W	90	G			0.2	10	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
	16	01 39 27.7&	33.937	N	116.309	W	2					14	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.3 (GS).
	16	01 58 29.4&	34.121	N	116.389	W	1					8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.7 (GS).
	16	02 14 07.5%	38.185	N	15.013	E	10	G			0.6	5	SICILY
	16	02 32 53.7	34.803	N	116.679	W	5	G			0.7	6	SOUTHERN CALIFORNIA. ML 2.7 (GS).
	16	02 40 29.0	37.589	N	20.801	E	10	G	3.6		1.4	28	IONIAN SEA. MD 3.6 (ATH).
	16	02 52 17.6%	39.913	N	29.270	E	10	G			0.8	11	TURKEY
	16	02 57 02.1%	39.262	N	29.120	E	10	G			0.4	5	TURKEY
	16	03 12 28.6%	34.156	S	70.211	W	10	G			0.5	9	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	16	03 49 10.4%	21.383	S	126.126	E	10	G			0.5	5	WESTERN AUSTRALIA
	16	04 28 42.6&	57.133	N	143.097	W	10	G				42	GULF OF ALASKA. <AEIC>. ML 3.7 (AEIC).
	16	05 29 47.2	39.469	N	143.236	E	45	D	4.4	3.8	1.5	38	OFF EAST COAST OF HONSHU, JAPAN
	16	05 38 53.4	42.434	N	14.303	E	5	G	3.9		1.4	121	CENTRAL ITALY. ML 4.5 (ZAG), 4.2 (LDG), 4.2 (VIE), 4.0 (TIR), 3.9 (LJU), 3.8 (ROM). MD 4.4 (TRI), 4.1 (TTG), 3.9 (ATH).
	16	05 54 58.5?	18.09	S	166.22	E	33	N	4.4		0.5	5	VANUATU ISLANDS REGION
	16	06 32 36.2?	39.37	N	143.64	E	33	N	4.1		0.3	4	OFF EAST COAST OF HONSHU, JAPAN
a	16	06 35 38.4	4.522	S	106.042	W	10	G	5.1	5.3	1.2	86	CENTRAL EAST PACIFIC RISE
	16	07 41 26.8?	29.82	S	67.16	W	120	G			0.6	6	LA RIOJA PROVINCE, ARGENTINA
	16	08 11 59.4*	20.609	S	69.089	W	156	?			0.8	7	NORTHERN CHILE
	16	08 22 44.1	31.538	S	69.681	W	138	*			0.5	18	SAN JUAN PROVINCE, ARGENTINA. MD 4.3 (SAN).
	16	08 45 09.0&	33.554	N	118.234	W	11					6	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS).
	16	08 51 35.5&	33.553	N	118.237	W	14					5	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS).
	16	08 55 50.7	4.625	S	153.205	E	85	D	5.0		1.1	91	NEW IRELAND REGION, P.N.G.
	16	09 23 37.1?	39.61	N	29.46	E	10	G			0.7	4	TURKEY
	16	10 22 54.5*	41.942	N	141.605	E	33	N	4.6		0.5	11	HOKKAIDO, JAPAN REGION
	16	10 45 59.7%	39.326	N	143.674	E	33	N			0.9	8	OFF EAST COAST OF HONSHU, JAPAN
	16	10 59 14.6*	39.396	N	143.385	E	33	N	4.0		1.4	23	OFF EAST COAST OF HONSHU, JAPAN
	16	11 06 14.4*	33.809	S	179.571	W	33	N	4.2		0.8	9	SOUTH OF KERMADEC ISLANDS
	16	11 11 38.9%	39.254	N	27.774	E	10	G			0.5	7	TURKEY
	16	11 26 05.2	42.552	N	142.743	E	124		4.4		1.2	27	HOKKAIDO, JAPAN REGION
	16	11 33 15.6?	0.96	S	24.33	W	10	G	4.7		1.4	8	CENTRAL MID-ATLANTIC RIDGE
	16	11 38 48.3&	34.141	N	116.721	W	6					11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.1 (GS).
	16	11 50 55.6?	41.11	N	28.54	E	10	G			0.5	4	TURKEY
	16	11 54 18.6	38.616	N	23.319	E	10	G			1.3	8	GREECE. MD 3.5 (ATH).
	16	13 23 50.8*	37.747	N	71.825	E	33	N	4.0		1.1	10	AFGHANISTAN-TAJIKISTAN BORD REG.
	16	13 32 26.7	41.251	N	31.614	E	10	G			1.1	11	TURKEY. MG 3.0 (DDA).
	16	13 33 31.4?	6.84	S	128.46	E	33	N	4.5		1.7	7	BANDA SEA
	16	13 37 54.5	47.985	N	7.455	E	10	G			0.2	8	SWITZERLAND. ML 2.0 (LDG), 1.6 (STR).
	16	14 17 22.1*	32.316	S	70.124	W	100	G			0.4	12	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	16	15 11 30.0&	61.678	N	150.902	W	51					63	SOUTHERN ALASKA. <AEIC>. ML 2.8 (AEIC), 3.3 (PMR).
	16	15 38 00.0&	40.337	N	122.197	W	17					21	NORTHERN CALIFORNIA. <BRK>. ML 3.9 (BRK). MD 4.0 (GM). Felt (V) at Paynes Creek; (IV) at French Gulch, Igo and Summit City; (III) at Corning, Lakehead, Manton, Montgomery Creek, Pala Cedro, Red Bluff, Shasta and Tehama; (II) at Redding.
	16	15 43 36.3*	2.905	S	129.953	E	42	?	4.7		1.6	28	SERAM, INDONESIA
	16	16 40 59.0?	38.83	N	29.15	E	10	G			1.4	4	TURKEY
	16	16 49 36.7?	13.62	N	92.57	W	33	N	4.3		1.4	5	OFF COAST OF CHIAPAS, MEXICO
	16	17 19 17.3&	34.443	N	116.453	W	3					15	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.8 (PAS), 3.5 (GS).
	16	17 19 24.0*	39.479	N	143.230	E	35	*	4.0		1.5	25	OFF EAST COAST OF HONSHU, JAPAN
	16	17 22 09.9%	40.717	N	30.369	E	10	G			0.5	6	TURKEY
	16	17 30 41.6*	45.449	N	14.054	E	10	G			1.5	9	NORTHWESTERN BALKAN REGION. ML 2.4 (VIE). MD 2.1 (TRI).
	16	18 33 03.1	38.323	N	116.159	W	5	G			0.7	12	NEVADA. ML 3.1 (GS).

	16	18	55	12 6?	39 66	N	142.90	E	33	N	4.0 3.7	1.4	5	NEAR EAST COAST OF HONSHU, JAPAN
	16	18	58	17.0*	39.330	N	143.585	E	22		4.4	1.1	22	OFF EAST COAST OF HONSHU, JAPAN
	16	19	26	34.0	41.412	N	20.929	E	10	G	3.2	1.0	71	ALBANIA. MD 3.7 (ATH). ML 3.6 (TTG), 3.5 (TIR). Felt (V) in the Kicevo-Krusovo area, Yugoslavia.
	16	19	42	08.7%	33.640	S	72.008	W	10	G		0.5	10	OFF COAST OF CENTRAL CHILE. MD 3.7 (SAN).
	16	19	43	30.0%	33.634	S	72.007	W	10	G		0.5	10	OFF COAST OF CENTRAL CHILE. MD 3.5 (SAN).
	16	19	56	40.5*	35.584	N	140.240	E	73	*	3.8	0.9	17	NEAR EAST COAST OF HONSHU, JAPAN
	16	20	56	30.7%	33.644	S	72.004	W	10	G		0.5	10	OFF COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	16	21	48	47.1%	16.367	N	98.427	W	33	N		0.4	5	NEAR COAST OF GUERRERO, MEXICO
	16	21	58	10.1	33.223	S	68.869	W	14			1.2	21	MENDOZA PROVINCE, ARGENTINA. MD 4.5 (SAN). Felt (III) at Mendoza.
	16	21	58	21.0&	34.938	N	116.922	W	0				16	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.7 (PAS), 3.5 (GS). Felt in the Barstow area.
	16	22	28	05.7&	35.236	N	116.882	W	0				14	CENTRAL CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.2 (GS).
	16	22	33	07.2?	20.61	S	173.37	W	33	N	5.1	1.4	12	TONGA ISLANDS
	16	22	54	01.4*	6.582	N	123.680	E	33	N	4.7	1.2	16	MINDANAO, PHILIPPINE ISLANDS
	17	00	26	22.1%	44.794	N	3.228	E	10	G		1.2	8	FRANCE. ML 2.1 (LDG).
	17	02	07	41.8*	47.223	N	155.209	E	33	N	4.6	1.4	20	EAST OF KURIL ISLANDS
	17	03	01	16.4*	34.264	N	136.301	E	379	*	3.5	0.8	13	WESTERN HONSHU, JAPAN
	17	03	52	03.3?	51.63	N	16.22	E	10	G		1.1	7	POLAND
a	17	04	11	39.8	44.825	N	150.168	E	46	D	5.7	0.9	334	EAST OF KURIL ISLANDS
	17	04	17	44.7%	39.302	N	28.175	E	10	G		0.4	6	TURKEY
o	17	04	19	28.6	44.809	N	150.286	E	19	G	5.9 5.5	1.0	400	EAST OF KURIL ISLANDS. Depth from broadband displacement seismograms.
	17	04	48	10.0&	35.137	N	116.831	W	0				15	CENTRAL CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.2 (GS).
	17	05	26	09.4*	31.023	N	141.128	E	33	N	5.0	1.1	15	SOUTH OF HONSHU, JAPAN
	17	06	00	12.5	38.387	N	116.120	W	5	G		0.8	11	NEVADA. ML 3.1 (GS).
	17	06	28	24.6*	74.883	N	8.977	E	10	G	4.1	0.7	7	GREENLAND SEA
	17	06	44	06.7?	39.82	N	143.54	E	33	N	4.2	1.3	5	OFF EAST COAST OF HONSHU, JAPAN
	17	06	45	02.0	35.589	N	74.722	E	29	D	4.9	1.0	69	NORTHWESTERN KASHMIR
	17	06	50	44.0*	36.192	N	9.209	W	33	N		0.9	13	WEST OF GIBRALTAR. MD 3.4 (RBA). mbLg 3.0 (MDD).
	17	06	54	03.1*	32.824	S	179.508	W	33	N	4.9	0.9	10	SOUTH OF KERMADEC ISLANDS
	17	06	54	42.9?	42.18	N	21.18	E	10	G		1.2	9	NORTHWESTERN BALKAN REGION. ML 3.6 (TIR).
	17	06	56	28.1	39.295	N	28.142	E	10	G		1.1	10	TURKEY
	17	06	57	52.0?	14.55	N	60.98	W	10	G		0.1	4	WINDWARD ISLANDS. ML 2.9 (FDF).
	17	07	55	52.7?	22.28	S	67.76	W	216	?		1.1	5	CHILE-BOLIVIA BORDER REGION
	17	08	40	03.3	44.278	N	7.478	E	10	G		0.7	11	NORTHERN ITALY. ML 2.3 (LDG).
	17	08	41	12.5	35.603	N	75.096	E	33	N	4.7	1.3	41	EASTERN KASHMIR
	17	09	19	17.6?	36.98	N	4.59	W	10	G		0.1	4	STRAIT OF GIBRALTAR. mbLg 2.6 (MDD).
	17	10	08	37.6?	60.55	N	4.83	E	10	G		0.0	4	SOUTHERN NORWAY. MD 1.4 (BER).
o	17	11	03	02.5	60.890	N	167.312	E	27	D	5.4 4.8	1.0	293	EASTERN SIBERIA, RUSSIA. Ms 5.0 (BRK).
	17	11	39	40.7?	42.74	N	24.15	E	10	G		0.8	9	BULGARIA
	17	11	40	10.7	60.987	N	167.275	E	33	N	4.6	1.3	35	EASTERN SIBERIA, RUSSIA
	17	11	45	46.1?	39.24	N	27.82	E	10	G		0.5	4	TURKEY
	17	11	47	40.2	60.905	N	167.400	E	33	N	4.9 4.2	1.2	94	EASTERN SIBERIA, RUSSIA
	17	11	52	17.7%	44.087	N	9.883	E	10	G		0.8	13	NORTHERN ITALY. ML 2.7 (GEN).
	17	12	35	09.2*	42.423	N	24.193	E	10	G		0.9	11	BULGARIA
	17	12	37	45.8*	35.798	N	75.475	E	33	N	4.0	1.5	9	EASTERN KASHMIR
	17	12	57	32.2&	65.448	N	150.200	W	29				26	NORTHERN ALASKA. <AEIC>. ML 2.7 (AEIC), 3.3 (PMR).
	17	13	49	59.2?	74.64	N	12.04	E	10	G	3.8	1.1	4	NORWEGIAN SEA
	17	13	54	42.1	42.106	N	21.329	E	17		3.6	1.1	57	NORTHWESTERN BALKAN REGION. ML 3.8 (SKO). MD 3.5 (TTG). Felt (VI) at Skopje, Yugoslavia.
	17	13	58	23.1	39.204	N	143.438	E	25	D	4.4	1.1	31	OFF EAST COAST OF HONSHU, JAPAN
	17	14	14	28.5	39.645	N	142.783	E	29	D	4.5	1.3	37	NEAR EAST COAST OF HONSHU, JAPAN
	17	16	28	14.8?	8.06	S	159.60	E	33	N	4.8	1.2	10	SOLOMON ISLANDS
	17	17	04	51.9&	34.477	N	116.504	W	4				8	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 2.7 (GS).
	17	17	07	49.8	51.167	N	175.700	W	33	N	4.8 4.4	1.1	108	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.8 (PMR).
	17	17	46	41.9&	34.031	N	116.430	W	9				11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 2.9 (GS).
	17	18	04	58.8	39.928	N	24.587	E	10	G		0.6	10	AEGEAN SEA
	17	18	45	46.5?	51.54	N	7.42	E	10	G		0.5	4	GERMANY
o	17	18	46	00.4	10.380	S	78.550	W	45	D	5.5 5.4	1.1	252	NEAR COAST OF PERU. Mo=1.6*10**18 Nm (PPT). Felt (V) at Huacho, (IV) at Cosmo and Chimbote, (III) at Huaraz and (II) at Lima. Also felt at Barranco.
	17	20	01	25.8?	34.66	S	105.21	W	10	G	5.0	1.6	13	SOUTHERN EAST PACIFIC RISE
	17	21	03	57.2?	34.40	N	73.77	E	33	N	4.1	0.9	8	PAKISTAN
	17	21	38	31.4&	34.545	N	116.543	W	5				11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 2.9 (GS).
	17	21	48	40.8	44.307	N	7.354	E	10	G		0.4	15	NORTHERN ITALY. ML 1.9 (LDG), 1.5 (GEN).
	17	22	59	48.5*	15.789	N	93.769	W	110	*	4.3	1.7	10	NEAR COAST OF CHIAPAS, MEXICO
	17	23	39	01.0&	63.269	N	151.116	W	11				52	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
	18	00	06	11.2&	34.096	N	116.417	W	3				21	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.0 (PAS), 3.9 (GS).
	18	00	15	43.4	44.591	N	10.167	E	10	G		1.1	24	NORTHERN ITALY. ML 2.7 (GEN), 2.5 (LDG). MD 2.2 (LJU).
	18	00	36	16.9&	34.067	N	116.384	W	3				12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.3 (GS).
	18	01	01	15.0&	34.100	N	116.400	W	4				11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.1 (GS).
	18	01	06	18.5&	34.932	N	116.914	W	1				7	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 2.9 (GS).
	18	01	06	53.3?	31.09	S	68.54	W	33	N		0.9	7	SAN JUAN PROVINCE, ARGENTINA
	18	01	33	08.3*	15 606	S	73.746	W	78	D	4.4	1.6	13	SOUTHERN PERU
	18	01	40	56 6	4.603	N	75.634	W	153	D	4.7	1.2	93	COLOMBIA. Felt in Antioquia, Caldas, Quindio and Risaraldo Departments.
	18	02	08	58.6	9.244	S	112.973	E	61	D	4.7	1.1	22	SOUTH OF JAWA, INDONESIA
	18	02	13	18.1&	34.974	N	116.933	W	4				13	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.1 (GS).
	18	02	27	45.8?	30.65	S	72.54	W	33	N		1.1	10	OFF COAST OF CENTRAL CHILE
	18	02	31	12.5%	44.262	N	6.742	E	10	G		0.6	5	FRANCE. ML 1.9 (LDG).
	18	02	49	05.8?	30.77	S	72.25	W	33	N		1.5	9	OFF COAST OF CENTRAL CHILE
	18	03	42	09.6	44.286	N	20.630	E	10	G		0.4	12	NORTHWESTERN BALKAN REGION. ML 2.8 (TTG).
	18	04	00	23.4&	34.979	N	116.936	W	4				13	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 3.0 (GS).
	18	04	45	13.0&	63.610	N	149.922	W	137				53	CENTRAL ALASKA. <AEIC>.
	18	04	54	42.7&	37.492	N	118.953	W	4				17	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.1 (GM). ML 3.1 (BRK).
	18	04	55	56.0?	29.83	S	71.56	W	33	N		1.6	12	NEAR COAST OF CENTRAL CHILE
	18	05	13	19.7&	60.458	N	146.758	W	26				36	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
	18	05	20	31.2&	61.427	N	146.669	W	14		3.1		86	SOUTHERN ALASKA. <AEIC>. ML 3.6 (AEIC), 3.7 (PMR).
	18	06	43	31.9*	38.018	N	23.497	E	10	G		1.7	5	GREECE. MD 3.1 (ATH).
	18	06	49	26.9&	35.032	N	116.974	W	4				13	CENTRAL CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 2.7 (GS).

a	18	06	57	11.2	16.090	S	177.456	W	431	*	5.3	1.2	248	FIJI ISLANDS REGION
	18	06	58	40.3&	37.487	N	118 965	W	2				33	CALIFORNIA-NEVADA BORDER REGION. <BRK>. ML 3.7 (BRK), 4.0 (GS). Felt (IV) at June Lake, California.
	18	07	25	17.8?	47.21	N	8.66	E	10	G		0.2	6	SWITZERLAND. ML 2.2 (LDG).
	18	07	57	47.9	6.490	S	147.850	E	40	D	5.5 5.1	0.9	151	EASTERN NEW GUINEA REG., P.N.G.
	18	07	58	48.9?	39.28	N	27.63	E	10	G		0.3	4	TURKEY
	18	08	15	15.3	39.480	N	143.133	E	21	D	5.0 5.0	1.1	107	OFF EAST COAST OF HONSHU, JAPAN
	18	08	16	33.3?	5.75	S	147.79	E	33	N	4.5	1.7	7	EASTERN NEW GUINEA REG., P.N.G. ML 4.5 (PMG).
a	18	08	20	00.1	39.410	N	143.191	E	22	D	5.5 5.6	0.9	268	OFF EAST COAST OF HONSHU, JAPAN
	18	08	36	38.7%	34.267	S	70.323	W	10	G		0.3	11	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
f	18	08	36	58.7	39.419	N	143.330	E	29	G	6.2 6.9	1.0	506	OFF EAST COAST OF HONSHU, JAPAN. Ms 7.0 (BRK). Mo=2.5*10**19 Nm (PPT). Felt (III JMA) at Aomori, Hachinohe, Ishinomaki, Miyako, Sakata and Sendai; (II JMA) at Akita and Fukushima; (I JMA) at Kofu, Tokyo, Tateyama and Utsunomiya, Honshu. Also felt (II JMA) at Kushiro, Nemuro and Obihiro, Hokkoida. Tsunami generated with maximum wave heights (peak-to-trough) of 46 cm. at Ofunato, 42 cm. at Miyako, 28 cm. at Aikawa and 24 cm. at Hachinohe. Depth from broadband displacement seismograms.
	18	08	39	05.7	39.675	N	143.027	E	35	D	6.1	1.2	106	OFF EAST COAST OF HONSHU, JAPAN
	18	08	44	38.4?	39.48	N	143.23	E	33	N		0.7	6	OFF EAST COAST OF HONSHU, JAPAN
	18	08	47	11.8*	39.726	N	143.524	E	33	N	5.3	1.0	38	OFF EAST COAST OF HONSHU, JAPAN
	18	08	51	09.8?	39.28	N	143.69	E	33	N	4.2	1.4	6	OFF EAST COAST OF HONSHU, JAPAN
	18	08	57	15.4*	39.262	N	143.376	E	33	N	4.4	1.1	16	OFF EAST COAST OF HONSHU, JAPAN
	18	09	04	06.7&	34.979	N	116.940	W	5				14	SOUTHERN CALIFORNIA <PAS-P>. ML 3.2 (PAS), 3.1 (GS). Felt at Barstow.
	18	09	06	09.7*	39.903	N	142.474	E	20	D	4.9	0.9	49	NEAR EAST COAST OF HONSHU, JAPAN
	18	09	09	58.4	39.702	N	143.037	E	33	N	5.2	0.9	74	OFF EAST COAST OF HONSHU, JAPAN
	18	09	22	17.3?	40.88	N	23.91	E	10	G		0.1	4	GREECE
	18	09	29	30.4%	39.739	N	29.393	E	10	G		0.6	5	TURKEY
	18	09	45	04.7	39.408	N	143.222	E	34	D	4.9 5.5	1.0	79	OFF EAST COAST OF HONSHU, JAPAN
	18	10	01	28.0*	39.617	N	143.104	E	33	N	4.1	1.0	11	OFF EAST COAST OF HONSHU, JAPAN
a	18	10	20	11.9	39.436	N	143.026	E	27	G	6.1 6.3	1.0	465	OFF EAST COAST OF HONSHU, JAPAN. Mo=5.0*10**18 Nm (PPT). Depth from broadband displacement seismograms.
	18	10	45	55.8	39.667	N	143.223	E	33	N	4.8	1.1	53	OFF EAST COAST OF HONSHU, JAPAN
	18	10	58	34.5&	59.425	N	138.568	W	17				7	SOUTHEASTERN ALASKA. <AEIC>. ML 2.8 (AEIC).
	18	10	59	39.8	39.454	N	143.199	E	27	D	5.5 5.9	1.0	258	OFF EAST COAST OF HONSHU, JAPAN
	18	11	06	51.0	39.350	N	143.130	E	31	D	4.9	0.9	61	OFF EAST COAST OF HONSHU, JAPAN
	18	11	10	12.7	39.530	N	143.501	E	28	D	5.3	0.9	113	OFF EAST COAST OF HONSHU, JAPAN
	18	11	11	12.4	39.664	N	143.434	E	29	D	5.2	1.0	62	OFF EAST COAST OF HONSHU, JAPAN
	18	11	26	41.0%	39.081	N	27.632	E	10	G		0.6	5	TURKEY
	18	11	46	13.5	39.318	N	143.460	E	28	D	4.7	1.0	67	OFF EAST COAST OF HONSHU, JAPAN
	18	11	48	20.9	39.161	N	143.178	E	32	D	5.5 5.8	0.9	239	OFF EAST COAST OF HONSHU, JAPAN
	18	12	00	52.4&	34.408	N	116.424	W	1				10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.0 (GS).
a	18	12	02	40.6	39.164	N	143.124	E	25	D	5.5 5.8	0.9	236	OFF EAST COAST OF HONSHU, JAPAN
	18	12	32	19.8&	34.565	N	116.448	W	4				10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 2.9 (GS).
	18	13	02	58.6&	59.859	N	153.335	W	130				44	SOUTHERN ALASKA. <AEIC>.
	18	13	24	39.3?	31.61	S	68.81	W	10	G		1.5	6	SAN JUAN PROVINCE, ARGENTINA
	18	13	40	09.8	11.093	S	165.298	E	29	D	4.9 5.5	1.2	31	SANTA CRUZ ISLANDS
	18	13	46	28.2?	39.78	N	142.91	E	33	N	4.2	0.4	4	NEAR EAST COAST OF HONSHU, JAPAN
	18	13	48	56.0&	62.504	N	151.340	W	91				41	CENTRAL ALASKA. <AEIC>.
	18	13	51	10.4*	68.351	N	25.537	E	10	G		0.9	5	FINLAND
a	18	13	56	54.4	39.480	N	142.956	E	27	G	5.8 6.0	1.0	398	NEAR EAST COAST OF HONSHU, JAPAN. Mo=1.6*10**18 Nm (PPT). Depth from broadband displacement seismograms.
	18	14	41	45.0	39.156	S	174.807	E	212	*		0.3	25	NORTH ISLAND, NEW ZEALAND
	18	14	45	45.7	39.380	N	143.177	E	25	D	5.1	1.0	120	OFF EAST COAST OF HONSHU, JAPAN
	18	15	26	29.3	15.971	N	60.574	W	10	G		0.6	11	LEEWARD ISLANDS. MD 3.5 (TRN). ML 3.2 (FDF).
a	18	15	31	41.2	22.723	S	175.281	W	25	D	5.4 5.5	1.1	84	TONGA ISLANDS REGION
	18	15	54	14.1	39.169	N	143.119	E	31	D	4.8 5.1	0.9	49	OFF EAST COAST OF HONSHU, JAPAN
	18	16	12	03.6?	39.38	N	143.04	E	33	N	4.5	1.3	8	OFF EAST COAST OF HONSHU, JAPAN
	18	16	18	26.8&	34.042	N	117.142	W	8				15	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS).
	18	16	25	31.2?	13.02	N	143.50	E	33	N	4.7 5.3	1.5	15	SOUTH OF MARIANA ISLANDS
	18	16	40	08.1&	33.990	N	117.555	W	3				28	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.2 (GS). Felt (III) at El Toro, Mira Loma and Placentia. Also felt at Ontario.
	18	16	48	24.2%	42.476	N	19.318	E	10	G		0.8	8	NORTHWESTERN BALKAN REGION. MD 2.0 (TTG).
	18	16	59	05.1&	58.765	N	148.013	W	14	G			30	GULF OF ALASKA. <AEIC>. ML 3.3 (AEIC).
	18	16	59	11.9	39.228	N	143.090	E	29	D	4.7	1.1	46	OFF EAST COAST OF HONSHU, JAPAN
	18	17	08	25.5*	39.189	N	143.915	E	30		4.1	1.2	24	OFF EAST COAST OF HONSHU, JAPAN
	18	17	11	46.5	29.979	S	72.103	W	33	N	4.3	1.4	29	OFF COAST OF CENTRAL CHILE. MD 4.7 (SAN).
a	18	17	27	11.8	39.634	N	143.155	E	32	D	5.4 5.1	1.0	212	OFF EAST COAST OF HONSHU, JAPAN
	18	17	48	03.0	39.583	N	143.632	E	31	D	4.4	1.2	26	OFF EAST COAST OF HONSHU, JAPAN
	18	18	05	30.7	39.188	N	143.298	E	32	D	4.7	1.2	49	OFF EAST COAST OF HONSHU, JAPAN
a	18	18	12	13.1	39.152	N	143.150	E	31	D	5.5 5.2	0.9	237	OFF EAST COAST OF HONSHU, JAPAN
	18	18	26	13.4%	62.171	N	5.018	E	10	G		0.6	6	SOUTHERN NORWAY. MD 1.8 (BER).
	18	19	10	50.4	39.275	N	143.437	E	30	D	5.0 4.7	1.1	95	OFF EAST COAST OF HONSHU, JAPAN
	18	19	27	40.7	39.813	N	143.476	E	33		4.6	1.0	30	OFF EAST COAST OF HONSHU, JAPAN
	18	19	44	46.9&	59.983	N	151.720	W	71				39	KENAI PENINSULA, ALASKA. <AEIC>.
	18	19	46	13.3?	41.30	N	23.29	E	10	G		0.1	4	GREECE-BULGARIA BORDER REGION
	18	20	09	04.7&	34.319	N	116.412	W	0				12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
a	18	20	55	12.2	39.611	N	143.283	E	25	D	5.6 5.4	1.0	311	OFF EAST COAST OF HONSHU, JAPAN
	18	21	07	06.5%	33.194	S	71.325	W	65	?		0.4	10	NEAR COAST OF CENTRAL CHILE. MD 3.3 (SAN).
a	18	21	18	57.4	39.324	N	143.011	E	37	*	5.6 5.9	1.3	284	OFF EAST COAST OF HONSHU, JAPAN. Mo=2.0*10**18 Nm (PPT).
	18	21	29	21.7	39.176	N	143.379	E	34	D	4.9	0.9	57	OFF EAST COAST OF HONSHU, JAPAN
	18	21	31	06.0	39.364	N	143.411	E	32	D	5.0	0.7	50	OFF EAST COAST OF HONSHU, JAPAN
	18	21	32	20.2	39.331	N	143.462	E	33	D	5.0	1.0	42	OFF EAST COAST OF HONSHU, JAPAN
	18	21	36	24.4	30.770	N	137.306	E	475	D	5.5	1.0	360	SOUTH OF HONSHU, JAPAN
	18	21	45	34.1	39.292	N	143.197	E	25		5.0	1.1	68	OFF EAST COAST OF HONSHU, JAPAN
	18	21	48	01.6%	33.755	S	71.060	W	65	?		0.2	10	NEAR COAST OF CENTRAL CHILE. MD 3.2 (SAN).
	18	22	01	58.1	39.182	N	143.376	E	30	D	4.9	1.1	55	OFF EAST COAST OF HONSHU, JAPAN
	18	22	13	07.0?	38.97	N	144.13	E	33	N		1.3	5	OFF EAST COAST OF HONSHU, JAPAN

	18	22	14	04.9&	34.278	N	116.730	W	1				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	18	23	03	24.7	39.289	N	143.237	E	33	N	4.7	1.1	53	OFF EAST COAST OF HONSHU, JAPAN
	18	23	09	23.0?	10.94	S	166.40	E	127	?	4.6	1.3	15	SANTA CRUZ ISLANDS
	18	23	29	52.6	44.960	N	152.057	E	33	N	5.2	1.1	126	EAST OF KURIL ISLANDS
	19	00	14	36.6	23.919	S	66.558	W	240	?		1.0	12	JUJUY PROVINCE, ARGENTINA
	19	00	32	39.5	37.184	N	117.228	W	5	G		1.0	19	CALIFORNIA-NEVADA BORDER REGION. ML 3.2 (GS).
	19	00	36	05.5?	39.00	N	144.76	E	33	N		0.6	6	OFF EAST COAST OF HONSHU, JAPAN
	19	01	36	23.8	41.815	N	19.319	E	10	G		0.8	19	ALBANIA. ML 2.9 (TIR), 2.5 (TTG).
	19	02	14	13.2	39.507	N	26.492	E	10	G		0.8	8	TURKEY
	19	02	15	22.6	39.836	N	24.200	E	10	G		1.3	25	AEGEAN SEA. MD 3.5 (ATH).
a	19	02	40	13.2	6.683	S	147.533	E	77	D	5.4	1.1	166	EASTERN NEW GUINEA REG., P.N.G.
	19	02	58	06.8%	43.086	N	0.889	W	10	G		0.2	8	PYRENEES. ML 1.1 (STR).
	19	03	41	00.5%	48.389	N	0.721	W	10	G		0.7	5	FRANCE. ML 2.0 (LDG).
	19	03	58	00.0	23.259	N	63.975	E	17	D	4.8 4.2	1.2	73	OFF COAST OF PAKISTAN
	19	03	58	12.4?	42.46	N	6.69	W	10	G		1.0	4	SPAIN. mbLg 2.7 (MDD).
	19	04	59	31.5*	32.364	S	71.630	W	10	G		1.1	14	NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN).
	19	05	10	28.0	39.252	N	143.597	E	31	D	5.0 4.8	0.9	113	OFF EAST COAST OF HONSHU, JAPAN
	19	06	52	27.0?	17.51	N	94.38	W	175	?	3.9	1.7	12	CHIAPAS, MEXICO
	19	07	35	28.0?	39.19	N	143.97	E	33	N		0.3	4	OFF EAST COAST OF HONSHU, JAPAN
	19	08	21	05.5*	60.799	S	22.201	W	33	N	4.9	1.1	10	SOUTH SANDWICH ISLANDS REGION
	19	08	26	23.7%	29.961	S	66.765	W	33	N		0.7	6	LA RIOJA PROVINCE, ARGENTINA
	19	09	18	21.8?	41.89	N	25.63	E	10	G		1.3	7	GREECE-BULGARIA BORDER REGION
	19	10	18	38.2?	33.48	S	69.99	W	117	?		0.5	11	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
	19	11	15	11.7?	61.71	N	2.74	E	10	G		1.4	6	NORWEGIAN SEA. MD 2.0 (BER).
	19	11	16	39.1?	44.88	N	6.63	E	10	G		0.4	5	FRANCE. ML 1.3 (GEN).
	19	11	23	45.9	17.670	S	178.995	W	555	*	5.2	1.2	49	FIJI ISLANDS REGION
	19	11	25	10.5*	15.842	N	94.241	W	89	?	3.7	1.5	12	NEAR COAST OF OAXACA, MEXICO
	19	11	51	37.9	38.107	N	28.449	E	10	G		1.0	14	TURKEY
	19	12	44	16.2&	34.931	N	116.914	W	0				20	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.6 (PAS), 3.6 (GS). Felt at Barstow.
	19	12	54	23.0%	39.226	N	27.795	E	10	G		0.5	6	TURKEY
	19	13	48	40.6*	21.538	N	92.360	E	33	N.	4.1	1.3	8	MYANMAR-BANGLADESH BORDER REGION
	19	14	55	24.4*	33.329	S	70.163	W	123	?		0.8	17	CHILE-ARGENTINA BORDER REGION. MD 3.9 (SAN).
	19	16	22	50.0&	34.541	N	116.541	W	4				10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 2.8 (GS).
	19	17	15	32.4%	39.816	N	33.054	E	10	G		0.6	5	TURKEY
a	19	18	41	23.1	39.178	N	143.294	E	32	D	4.9 4.9	1.1	95	OFF EAST COAST OF HONSHU, JAPAN
	19	19	03	11.2?	36.99	N	29.50	E	10	G		0.0	4	TURKEY
	19	19	08	32.5?	32.13	N	141.07	E	33	N	4.9 4.5	1.2	11	SOUTH OF HONSHU, JAPAN
	19	19	12	36.3?	11.03	S	165.01	E	33	N	4.7	1.2	7	SANTA CRUZ ISLANDS
	19	19	24	36.1?	39.71	N	30.02	E	10	G		0.7	4	TURKEY
	19	19	30	04.9	39.330	N	20.458	E	8			1.1	15	GREECE-ALBANIA BORDER REGION. ML 3.0 (TIR).
	19	19	35	19.4&	35.008	N	116.786	W	0				12	CENTRAL CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 2.8 (GS).
	19	20	39	27.1	40.322	S	174.847	E	33	N		1.4	25	COOK STRAIT, NEW ZEALAND. ML 3.9 (WEL).
	19	20	40	15.4	45.848	N	14.961	E	10	G		0.9	14	NORTHWESTERN BALKAN REGION. MD 3.3 (LJU), 2.7 (TRI). ML 2.6 (VIE).
	19	20	56	11.9&	58.276	N	154.359	W	72				36	ALASKA PENINSULA. <AEIC>.
	19	22	02	51.2%	44.187	N	10.776	E	10	G		1.0	5	NORTHERN ITALY
	19	22	55	48.6	44.403	N	7.044	E	11			0.3	22	NORTHERN ITALY. ML 2.4 (LDG), 1.9 (GEN).
	19	23	07	59.6*	36.607	N	141.565	E	27	D	4.5	1.6	31	NEAR EAST COAST OF HONSHU, JAPAN
	20	00	03	07.3	39.536	N	16.162	E	10	G		1.3	7	SOUTHERN ITALY
	20	00	37	28.5&	35.030	N	116.972	W	4				12	CENTRAL CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.1 (GS).
	20	01	23	52.4	43.912	N	15.055	E	10	G		1.4	25	ADRIATIC SEA. ML 3.1 (ZAG), 2.7 (LJU). MD 2.9 (TRI).
	20	01	26	46.1?	18.28	S	172.97	W	33	N	5.3	1.3	22	TONGA ISLANDS REGION
	20	01	32	05.3&	60.259	N	152.352	W	89				40	SOUTHERN ALASKA. <AEIC>
	20	01	57	41.6?	40.44	N	25.87	E	10	G		1.3	4	AEGEAN SEA
	20	02	24	41.9?	60.62	S	65.85	W	10	G	4.8	1.1	10	DRAKE PASSAGE
	20	02	44	46.5*	25.238	N	140.786	E	282	*	4.2	0.9	18	VOLCANO ISLANDS REGION
	20	02	53	43.9	43.725	N	17.054	E	10	G		1.4	70	NORTHWESTERN BALKAN REGION. MD 3.9 (TRI), 3.5 (TTG). ML 3.5 (TIR), 3.3 (ZAG).
	20	03	15	24.7?	43.86	N	9.28	E	10	G		1.0	6	CORSICA
	20	03	41	18.2&	34.635	N	116.634	W	8				10	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.6 (GS).
	20	04	08	22.5&	34.198	N	116.432	W	0				25	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.1 (PAS), 4.0 (GS).
	20	04	25	21.6?	15.60	N	60.32	W	10	G		0.5	8	LEEWARD ISLANDS. ML 2.9 (FDF).
	20	04	48	01.5&	34.971	N	116.939	W	5		4.2		48	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.6 (PAS). Felt at Barstow.
	20	05	13	03.7?	42.73	N	127.22	W	10	G		0.4	49	OFF COAST OF OREGON
	20	06	09	25.2&	34.969	N	116.940	W	5				12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 2.8 (GS). Felt at Barstow.
	20	06	13	34.6*	0.498	N	29.152	W	10	G	4.6 4.1	1.3	23	CENTRAL MID-ATLANTIC RIDGE
	20	06	16	34.0&	34.113	N	116.723	W	11				13	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.2 (GS).
	20	06	35	43.0	39.424	N	143.370	E	33	N	4.5	1.5	45	OFF EAST COAST OF HONSHU, JAPAN
	20	07	03	31.0	44.550	N	110.309	W	5	G		0.9	40	YELLOWSTONE REGION, WYOMING. ML 3.7 (GS), 4.2 (SLC). Felt (V) in the Fishing Bridge-Lake-Bridge Bay area of Yellowstone National Park.
	20	07	10	13.1&	34.284	N	116.442	W	0				12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.6 (PAS), 3.1 (GS).
	20	07	29	19.4?	61.49	N	4.55	E	5	G		0.4	4	SOUTHERN NORWAY. MD 1.3 (BER).
	20	07	46	22.6%	40.721	N	31.676	E	10	G		0.8	5	TURKEY. MG 2.5 (DDA).
f	20	07	46	46.7	78.562	N	5.523	E	10	G	5.7 6.3	1.5	249	SVALBARD REGION. Ms 6.5 (BRK). Mo=2.5*10**19 Nm (PPT). Complex event observed on broadband displacement seismograms.
	20	07	56	44.8%	39.365	N	143.703	E	33	N		1.0	6	OFF EAST COAST OF HONSHU, JAPAN
	20	08	15	57.1?	39.11	N	27.60	E	10	G		0.5	4	TURKEY
	20	08	16	09.8&	34.967	N	116.938	W	5				7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.6 (GS).
	20	08	22	31.1%	43.955	N	7.211	E	10	G		0.5	8	NEAR SOUTH COAST OF FRANCE
	20	08	23	06.1?	39.24	N	27.73	E	10	G		0.2	4	TURKEY
	20	08	45	49.0&	34.056	N	116.379	W	3				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.0 (GS).
	20	09	25	23.6	78.682	N	4.792	E	10	G	4.6	1.3	25	GREENLAND SEA
	20	10	04	33.0*	12.637	S	165.517	E	33	N	4.8	1.4	13	SANTA CRUZ ISLANDS
	20	10	24	37.5	40.454	N	21.814	E	10	G		0.8	9	GREECE
	20	10	35	11.5&	34.978	N	116.941	W	5				17	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.7 (PAS), 3.4 (GS).
	20	11	06	02.1%	60.884	N	5.973	E	10	G		0.4	7	SOUTHERN NORWAY. MD 1.3 (BER).
	20	11	16	27.3?	47.31	N	11.70	E	10	G		0.4	4	AUSTRIA. ML 1.1 (VIE).
	20	12	22	51.6?	42.19	N	7.98	W	10	G		0.4	4	SPAIN. mbLg 2.7 (MDD).

	20	12	26	50.2&	62.302	N	151.490	W	90				56	CENTRAL ALASKA. <AEIC>.
	20	13	13	19.4&	34.992	N	116.948	W	0	4.4			43	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.6 (PAS). Felt (V) at Daggett and Helendale; (IV) at Newberry Springs; (III) at Apple Valley and Rosamond. Also felt at Barstow.
	20	13	31	27.4*	29.302	N	51.191	E	33	N	4.3	0.8	7	SOUTHERN IRAN
	20	14	50	58.5*	39.071	N	27.631	E	10	G		0.7	5	TURKEY
	20	14	57	06.5%	44.389	N	7.382	E	10	G		0.6	9	NORTHERN ITALY. ML 1.9 (GEN).
	20	15	12	28.0?	41.23	N	28.71	E	10	G		0.5	5	TURKEY
	20	15	13	11.5*	43.337	N	150.683	E	33	N	4.3	1.0	8	EAST OF KURIL ISLANDS
	20	15	36	06.1&	33.995	N	117.554	W	3				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 3.0 (GS).
	20	15	57	17.3	44.041	N	10.707	E	10	G		1.4	25	NORTHERN ITALY. ML 3.2 (LDG). MD 3.1 (FIR).
	20	16	13	07.1	3.600	N	124.353	E	305	D	4.8	1.3	59	CELEBES SEA
	20	16	15	51.6*	50.839	N	6.302	E	10	G		0.7	5	GERMANY. ML 2.0 (GSH), 2.0 (BNS).
	20	17	22	21.0*	39.299	N	119.130	W	5	G		1.1	6	NEVADA. ML 3.0 (GS).
	20	17	34	40.6*	39.454	N	119.086	W	5	G		0.6	5	NEVADA. ML 2.8 (GS).
	20	17	36	05.3	39.438	N	119.122	W	5	G		0.9	9	NEVADA. ML 3.5 (GS). Felt at Fernley and Silver Springs.
	20	18	43	05.1?	15.48	N	60.30	W	33	N		0.5	7	LEEWARD ISLANDS. ML 2.3 (FDF).
	20	18	52	49.5	42.059	N	21.267	E	10	G		1.0	33	NORTHWESTERN BALKAN REGION. ML 3.7 (SKO), 3.0 (TIR). MD 3.2 (TTG). Felt (V) at Skapje, Yugoslavia.
	20	19	00	24.0?	42.02	N	21.25	E	10	G		1.5	8	NORTHWESTERN BALKAN REGION. ML 2.7 (SKO). Felt (IV) at Skopje, Yugoslavia.
	20	19	06	57.1	39.329	N	119.096	W	5	G		1.0	20	NEVADA. ML 3.8 (GS). Felt at Fernley and Silver Springs.
	20	19	15	47.6*	39.428	N	119.074	W	5	G		0.8	5	NEVADA. ML 2.9 (GS).
	20	19	39	54.8	39.275	N	143.332	E	23	D	5.0 4.3	1.0	83	OFF EAST COAST OF HONSHU, JAPAN
	20	20	09	31.5	39.315	N	119.112	W	5	G	4.1	0.9	28	NEVADA. ML 4.3 (BRK). Felt (IV) at Silver Springs and (III) at Fallon, Fernley and Schurz.
	20	20	20	14.1?	39.74	N	143.06	E	33	N	4.3	1.4	11	OFF EAST COAST OF HONSHU, JAPAN
	20	20	20	57.8*	31.497	S	179.758	W	338		4.8	1.3	54	KERMADEC ISLANDS REGION
	20	21	31	25.9*	21.568	S	66.545	W	273	?		0.5	6	SOUTHERN BOLIVIA
	20	21	33	18.2	40.879	N	29.389	E	10	G		0.5	14	TURKEY. MG 2.8 (DDA).
	20	21	33	57.7	34.213	N	26.160	E	11		4.9	1.2	249	CRETE. MD 4.5 (ATH), 4.3 (HLW).
	20	21	43	13.7?	31.24	S	69.85	W	130	G		0.3	7	SAN JUAN PROVINCE, ARGENTINA
	20	21	46	15.6%	42.621	N	13.225	E	10	G		1.0	10	CENTRAL ITALY
	20	22	24	29.8*	9.412	N	125.833	E	113		4.5	0.6	9	MINDANAO, PHILIPPINE ISLANDS
	20	22	37	43.1*	67.472	N	137.007	W	33	N	3.8	1.2	6	NORTHERN YUKON TERRITORY, CANADA. ML 4.2 (PMR).
	20	22	59	34.4%	19.109	N	97.537	W	10	G		1.3	6	VERACRUZ, MEXICO
	20	23	04	11.2&	34.514	N	116.532	W	0				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (GS).
	20	23	20	51.1*	67.966	N	164.306	W	10	G	4.1	1.1	13	NORTHERN ALASKA. ML 4.0 (PMR).
a	21	00	00	26.9	39.212	N	143.173	E	25	D	5.2 4.7	0.9	142	OFF EAST COAST OF HONSHU, JAPAN
	21	00	39	27.0	39.310	N	143.051	E	33	N	4.9 4.1	1.0	69	OFF EAST COAST OF HONSHU, JAPAN
	21	01	32	32.3?	18.22	N	103.05	W	33	N		1.4	5	NEAR COAST OF MICHOACAN, MEXICO
	21	01	33	49.1	38.192	N	21.399	E	10	G		1.3	15	GREECE. ML 3.3 (ATH). MD 2.9 (THE).
	21	01	50	00.8	39.419	N	119.187	W	5	G		0.8	8	NEVADA. ML 3.0 (GS).
	21	02	21	41.7%	42.312	N	13.160	E	5	G		0.7	5	CENTRAL ITALY
	21	02	55	03.8	15.771	N	147.955	E	33	D	4.9 4.2	1.0	92	MARIANA ISLANDS REGION
	21	03	53	19.8?	52.63	N	168.48	W	33	N	4.5	0.9	7	FOX ISLANDS, ALEUTIAN ISLANDS
	21	05	06	07.5	31.473	N	78.046	E	33	N	3.9	0.7	8	XIJANG-INDIA BORDER REGION
	21	05	25	40.8%	44.545	N	7.290	E	10	G		0.3	5	NORTHERN ITALY. ML 1.3 (GEN).
	21	06	01	59.0&	34.965	N	116.933	W	0				11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 2.9 (GS).
	21	06	16	57.8*	35.257	N	81.396	E	33	N	4.2	1.5	10	SOUTHERN XINJIANG, CHINA
a	21	06	57	51.9	22.869	S	175.043	W	33	N	5.4 5.1	1.4	74	TONGA ISLANDS REGION
	21	07	11	33.7*	37.869	S	177.848	E	126	?		1.4	21	OFF E. COAST OF N. ISLAND, N.Z.
	21	08	31	07.8	40.486	N	21.821	E	10	G		0.7	10	GREECE. MD 2.2 (THE).
	21	08	35	35.4*	21.751	S	68.383	W	268	?		0.3	7	CHILE-BOLIVIA BORDER REGION
	21	09	04	09.5%	45.806	N	26.647	E	101	?		1.0	10	ROMANIA
	21	09	08	21.1&	32.870	N	118.417	W	6	G			5	OFF COAST OF CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 3.2 (GS).
	21	09	13	25.2*	45.505	N	150.319	E	168	?	4.1	1.1	20	KURIL ISLANDS
	21	09	22	16.7&	32.846	N	118.432	W	6	G			6	OFF COAST OF CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 3.1 (GS).
	21	09	42	58.1	40.169	N	23.497	E	10	G		0.7	10	GREECE. MD 2.7 (THE).
	21	09	56	47.9?	5.38	S	148.84	E	33	N	4.4	0.7	5	NEW BRITAIN REGION, P.N.G. ML 4.1 (PMG).
	21	11	18	00.2&	60.290	N	153.151	W	150				40	SOUTHERN ALASKA. <AEIC>.
	21	11	58	20.3*	39.448	N	119.062	W	5	G		1.1	8	NEVADA. ML 2.9 (GS).
	21	12	05	53.8	43.407	N	5.427	E	10	G		0.6	15	NEAR SOUTH COAST OF FRANCE. ML 2.5 (STR).
	21	12	21	38.5&	34.987	N	116.941	W	1				10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	21	12	26	24.0	41.291	N	31.595	E	10	G		1.0	11	TURKEY. MG 2.9 (DDA).
	21	12	35	48.8?	79.56	N	3.01	E	10	G	3.5	0.8	6	GREENLAND SEA
	21	13	01	42.5	39.437	N	119.091	W	5	G		0.4	7	NEVADA. ML 2.8 (GS). Felt.
	21	13	30	01.7&	34.150	N	116.847	W	12				12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.7 (PAS), 3.4 (GS).
	21	14	04	11.8	41.222	N	21.967	E	5	G		0.6	9	NORTHWESTERN BALKAN REGION. MD 1.8 (THE). ML 1.7 (SKO).
	21	14	31	29.4*	15.191	S	173.490	W	33	D	4.9 4.6	1.0	41	TONGA ISLANDS
a	21	14	45	01.3	1.647	N	126.995	E	87	*	5.0	1.3	33	NORTHERN MOLUCCA SEA
	21	14	53	02.8?	17.46	S	68.97	W	172	*		0.3	6	CENTRAL BOLIVIA
	21	15	12	43.2%	33.221	S	70.065	W	10	G		0.2	10	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	21	15	19	33.8%	39.926	N	23.957	E	10	G		0.6	8	AEGEAN SEA. MD 2.6 (THE).
a	21	15	31	58.2	17.455	N	83.651	W	10	G	5.1 4.2	0.8	92	CARIBBEAN SEA
	21	16	19	54.0*	4.248	S	133.671	E	33	N	4.3	1.1	11	IRIAN JAYA REGION, INDONESIA
	21	16	25	25.6	44.372	N	149.579	E	47	D	4.9 4.3	0.9	60	KURIL ISLANDS
	21	16	35	26.9?	44.13	N	149.91	E	33	N	4.4	1.4	6	KURIL ISLANDS
	21	16	47	27.4?	44.46	N	149.68	E	33	N	4.2	1.1	8	KURIL ISLANDS
	21	17	11	26.2*	19.849	N	108.093	W	10	G	4.1	1.3	21	REVILLA GIGEDO ISLANDS REGION
	21	18	00	50.7&	33.941	N	116.345	W	4				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 2.9 (GS).
	21	18	35	04.5?	38.30	N	72.15	E	33	N	4.7	0.8	7	TAJIKISTAN
	21	20	01	07.5	3.886	S	141.366	E	111		5.1	1.0	40	NEW GUINEA, PAPUA NEW GUINEA
	21	20	14	00.9*	41.497	N	20.016	E	10	G		0.8	5	ALBANIA. ML 2.0 (TIR).
	21	20	22	05.6	36.860	N	137.296	E	260		4.5	0.9	60	EASTERN HONSHU, JAPAN
	21	20	44	33.9%	33.150	S	70.823	W	10	G		0.3	10	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	21	20	58	05.3	39.356	N	115.626	W	5	G		0.7	22	NEVADA. ML 4.0 (GS). MD 4.1 (SLC), 3.8 (REN). Felt (III) at Eureka.
	21	21	02	21.1	36.186	N	3.823	W	7			0.7	13	STRAIT OF GIBRALTAR. mbLg 2.7 (MDD).

	21	21 10 29.0&	34.219	N	116.771	W	2					17	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.1 (PAS), 3.9 (GS).
	21	21 12 45.0&	34.217	N	116.771	W	2					7	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.0 (GS).
	21	21 14 03.0?	31.50	S	71.87	W	10	G			0.3	12	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
	21	21 42 22 0&	34 944	N	116.645	W	0					9	SOUTHERN CALIFORNIA <PAS-P>. ML 3.0 (PAS), 2.5 (GS).
	21	21 43 02.8*	39.134	N	117.897	E	33	N	4.5		1.1	18	NORTHEASTERN CHINA. Felt in the Tianjin area.
	21	22 03 36.5&	32.813	N	118.474	W	6	G				14	OFF COAST OF CALIFORNIA. <PAS-P>. ML 3.9 (PAS), 3.8 (GS).
	21	22 31 40.9?	32.93	S	72.07	W	10				0.5	11	OFF COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	21	23 22 10.1&	34.133	N	116.602	W	2					19	SOUTHERN CALIFORNIA <PAS-P>. ML 3.9 (PAS), 4.0 (GS). Felt (IV) at Riverside; (III) at Pioneertown, Ramana and Thousand Palms; (II) at Beaumont.
	21	23 29 32.7?	10.61	N	61.45	W	10	G			0.2	4	TRINIDAD. MD 3.0 (TRN).
	22	00 01 28.7	44.486	N	10.609	E	26				0.9	16	NORTHERN ITALY. ML 2.5 (LDG).
	22	01 05 18.8?	17.75	N	65.45	W	10	G			0.3	5	PUERTO RICO REGION
	22	01 14 07.8	15.713	N	95.863	W	30		4.5		0.9	33	NEAR COAST OF OAXACA, MEXICO
	22	02 07 57.7*	37.695	N	20.675	E	10	G			0.9	21	IONIAN SEA. ML 3.7 (ATH). MD 3.6 (THE).
	22	02 10 35.0%	46.530	N	0.180	W	5	G			1.1	10	FRANCE. ML 2.2 (LDG).
	22	04 13 56.4&	34.350	N	116.481	W	0					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 2.8 (GS).
	22	05 28 55.3&	34.573	N	116.545	W	5					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 2.8 (GS).
	22	05 59 17.3	46.455	N	13.890	E	10	G			1.2	9	AUSTRIA. ML 2.1 (VIE).
	22	06 59 02.2?	31.48	S	68.88	W	121	?			0.2	7	SAN JUAN PROVINCE, ARGENTINA
	22	06 59 40.7&	57.029	N	145.796	W	10	G				8	GULF OF ALASKA. <AEIC>. ML 2.9 (AEIC).
	22	07 10 04.2&	34.313	N	116.479	W	2					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 2.7 (GS).
	22	08 22 41.7	40.456	N	21.827	E	5	G			0.6	10	GREECE. MD 2.1 (THE).
	22	08 56 39.4%	39.299	N	27.720	E	10	G			0.8	5	TURKEY
	22	10 17 31.0?	45.73	N	26.00	E	33	N			0.9	4	ROMANIA
	22	10 41 58.0&	34.112	N	116.918	W	6					8	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 2.7 (GS).
	22	10 43 33.9&	34.228	N	116.854	W	6	G				8	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 2.6 (GS).
a	22	11 46 10.2	5.591	S	154.107	E	94	*	4.9		1.0	37	SOLOMON ISLANDS
	22	13 53 11.2%	33.506	S	72.115	W	10				0.5	10	OFF COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	22	14 15 55.1*	39.322	N	144.027	E	33	N			0.3	6	OFF EAST COAST OF HONSHU, JAPAN
	22	16 25 16.5*	37.163	N	141.986	E	40	*	4.3		1.1	19	NEAR EAST COAST OF HONSHU, JAPAN
	22	17 04 26.4%	44.385	N	8.328	E	10	G			0.3	6	NORTHERN ITALY. ML 1.6 (GEN).
	22	18 06 54.2*	31.429	S	70.322	W	147	?			0.4	13	CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
	22	18 32 14.9?	29.91	N	141.78	E	33	N	4.4	3.8	1.4	12	SOUTH OF HONSHU, JAPAN
	22	18 56 37.5&	34.306	N	116.996	W	7					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 2.7 (GS).
	22	19 29 22.6	55.905	N	113.691	E	18	D	4.9	4.4	1.0	80	EAST OF LAKE BAYKAL, RUSSIA. Felt (IV) at Oran, (III) at Kavakta and (II) at Tannelnyy.
	22	19 35 50.0	36.143	N	114.946	W	5	G			0.6	13	SOUTHERN NEVADA. ML 2.5 (GS). Felt (III) at Nellis Air Force Base. Felt at Boulder City and in parts of Las Vegas.
	22	20 18 26.2&	35.995	N	118.368	W	0					20	CENTRAL CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 2.9 (GS).
	22	20 56 41.7	42.992	N	76.277	E	33	N		3.5	0.9	18	LAKE ISSYK-KUL REGION. Felt (IV) at Issyk-Kul and (III) at Chalpan-Ata and Bishkek.
	22	21 07 35.6*	18.006	S	179.944	W	666		4.6		0.8	59	FIJI ISLANDS REGION
	22	21 50 33.7?	44.78	N	7.13	E	10	G			0.4	4	NORTHERN ITALY
	22	22 19 11.3&	34.997	N	116.953	W	5					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 2.8 (GS).
	22	22 19 21.1*	21.779	S	68.632	W	108	?	4.6		1.1	6	CHILE-BOLIVIA BORDER REGION
	22	23 33 30.4?	32.20	S	70.79	W	100	G			0.2	10	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	23	00 04 50.5%	42.692	N	13.001	E	5	G			0.4	8	CENTRAL ITALY
	23	00 06 20.1%	18.034	N	66.908	W	10	G			1.3	5	PUERTO RICO REGION
	23	01 33 07.0&	34.437	N	116.504	W	2					5	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	23	01 54 15.2	33.758	S	70.366	W	33	N			1.2	13	CHILE-ARGENTINA BORDER REGION. MD 4.0 (SAN).
	23	02 08 12.0&	34.136	N	116.865	W	12					10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 2.9 (GS).
	23	02 22 22.6?	43.06	N	4.67	E	5	G			0.6	5	NEAR SOUTH COAST OF FRANCE. ML 2.5 (LDG).
	23	02 56 59.0&	34.100	N	116.412	W	0					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	23	03 28 58.7%	33.286	S	70.353	W	86	?			0.4	10	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	23	04 09 02.6?	31.12	S	68.98	W	119	?			1.0	8	SAN JUAN PROVINCE, ARGENTINA
	23	04 51 05.9*	10.077	S	118.831	E	33	N	3.9		1.2	6	SOUTH OF SUMBAWA, INDONESIA
	23	05 52 14.3&	35.633	N	117.636	W	5					14	CENTRAL CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.0 (GS). Felt at Ridgecrest.
	23	06 14 03.4*	44.891	N	152.607	E	33	N	4.4		0.8	7	EAST OF KURIL ISLANDS
	23	06 35 01.7%	44.170	N	11.227	E	10	G			0.4	6	NORTHERN ITALY
	23	06 39 00.5&	35.027	N	116.830	W	2					11	CENTRAL CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 2.8 (GS).
	23	07 14 16.9%	44.968	N	7.315	E	30	*			0.4	7	NORTHERN ITALY. ML 1.9 (GEN).
	23	07 37 25.6&	34.174	N	116.806	W	6					14	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.2 (GS).
	23	07 43 57.5&	63.122	N	150.893	W	133					56	CENTRAL ALASKA. <AEIC>.
	23	08 07 55.5%	40.714	N	23.457	E	10	G			0.5	5	GREECE. MD 1.8 (THE).
	23	08 11 18.5&	38.058	N	118.777	W	12					18	CALIFORNIA-NEVADA BORDER REGION. <BRK>. ML 3.3 (BRK), 3.1 (GS).
	23	08 35 52.2	40.431	N	21.818	E	10	G			1.1	9	GREECE. MD 1.7 (THE).
	23	08 48 32.8?	31.83	S	68.13	W	10	G			0.4	4	SAN JUAN PROVINCE, ARGENTINA
	23	09 04 16.7&	50.488	N	129.986	W	10	G				30	VANCOUVER ISLAND REGION. <PGC-P>. ML 3.0 (PGC).
	23	09 45 39.6%	39.676	N	29.511	E	5	G			0.6	5	TURKEY
	23	09 49 21.9*	18.009	S	179.907	W	664		4.5		0.9	59	FIJI ISLANDS REGION
a	23	10 11 10.9	54.511	S	143.744	E	10	G	5.3	5.5	1.1	68	WEST OF MACQUARIE ISLAND
	23	10 22 20.4?	39.13	N	27.62	E	10	G			0.1	4	TURKEY
	23	10 49 14.9*	6.735	N	72.992	W	154	?	4.4		1 0	17	NORTHERN COLOMBIA
	23	11 46 26.3%	40.420	N	23.860	E	10	G			0.4	6	GREECE. MD 2.0 (THE).
	23	12 51 06.5&	34.063	N	116.410	W	0					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 2.7 (GS).
	23	13 17 17.2	43.738	N	9.779	E	10	G	3.6		0 8	16	CORSICA
	23	13 30 37.2*	14.232	N	56.815	E	10	G	4.8		1 0	22	ARABIAN SEA
	23	13 50 06.4&	34.179	N	116.814	W	6					8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.9 (GS).
	23	13 58 21.7	32.865	S	71.222	W	69		5.0		1 1	47	NEAR COAST OF CENTRAL CHILE. MD 5.0 (SAN). Some damage at San Felipe. Felt (V) at Valparaiso. Also felt at Santiago.
	23	14 11 24.3*	39.830	N	32.737	E	5	G			1 4	5	TURKEY
	23	14 31 52.8	43.700	N	9.749	E	10	G	3.6		1 1	17	CORSICA
	23	14 37 52.7	50.183	N	4.231	E	10	G			0.7	18	BELGIUM. ML 3.0 (LDG).
	23	14 45 39.9?	39.17	N	27.61	E	10	G			0.1	4	TURKEY
	23	15 10 26.4	42.110	N	25.169	E	10	G			1.2	7	BULGARIA
	23	15 20 12.1?	39.01	N	144.49	E	33	N			1.4	5	OFF EAST COAST OF HONSHU, JAPAN
	23	15 38 36.0&	40.485	N	124.298	W	4					7	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.1 (BRK).

	23	17	15	02.1	48.808	N	10.079	E	10	G		0.9	11	GERMANY. ML 2.8 (LDG), 2 5 (VIE), 2.4 (GRF).
	23	17	17	10.9?	59.01	N	5.76	E	10	G		0.5	6	SOUTHERN NORWAY MD 1.8 (BER).
	23	17	28	46.6&	62.751	N	150.700	W	84				45	CENTRAL ALASKA. <AEIC>.
	23	18	01	38.6%	60.370	N	4.938	E	10	G		0.5	6	SOUTHERN NORWAY MD 1.3 (BER).
	23	18	56	41.0	35.771	N	27.535	E	86	*		0.8	13	DODECANESE ISLANDS. MD 4.0 (ATH).
	23	19	37	18.8*	1.546	S	120.473	E	33	N	5.0	1.2	15	SULAWESI, INDONESIA
	23	19	42	34.1%	40.792	N	27.813	E	21	*		0.4	6	TURKEY
	23	20	02	32.5*	45.035	N	125.978	W	10	G		0.4	40	OFF COAST OF OREGON
a	23	20	12	42.5	39.847	N	24.390	E	7		5.1 5.1	1.1	300	AEGEAN SEA. ML 5.0 (TTG), 4.9 (ATH), 4.8 (TIR). MD 5.0 (THE). Felt an Marmara Island and at Canakkale, Turkey.
	23	20	18	02.3	39.774	N	24.194	E	10	G		1.3	21	AEGEAN SEA. MD 3.4 (THE).
	23	20	21	44.3%	39.126	N	26.234	E	10	G		0.3	7	TURKEY
	23	20	21	53.1*	39.920	N	24.823	E	10	G		0.9	6	AEGEAN SEA. MD 3.1 (THE).
	23	20	23	37.8	39.916	N	24.402	E	10	G		0.8	13	AEGEAN SEA. ML 3.3 (ATH). MD 3.2 (THE).
	23	20	24	52.0	39.969	N	24.352	E	10	G		0.9	28	AEGEAN SEA. ML 3.6 (ATH). MD 3.6 (THE).
	23	20	34	11.4?	39.72	N	24.61	E	10	G		0.6	5	AEGEAN SEA
	23	20	37	21.1*	39.895	N	24.359	E	10	G		0.8	7	AEGEAN SEA. MD 3.1 (THE).
	23	20	43	01.4%	39.822	N	24.453	E	10	G		1.1	5	AEGEAN SEA. MD 2.6 (THE).
	23	21	03	30.3*	23.727	N	121.862	E	10	G	4.3	1.3	6	TAIWAN
	23	21	39	56.6*	39.849	N	24.344	E	10	G		0.6	7	AEGEAN SEA. MD 2.9 (THE).
	23	21	47	47.2	39.821	N	24.389	E	10	G		0.4	6	AEGEAN SEA. MD 2.8 (THE).
a	23	21	48	11.0	52.979	N	158.772	E	110	D	5.4	0.9	347	NEAR EAST COAST OF KAMCHATKA
	23	21	53	01.0&	32.887	N	118.447	W	10				11	OFF COAST OF CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	23	22	09	46.2*	39.156	N	26.350	E	10	G		0.9	5	TURKEY
	23	22	11	02.3&	40 218	N	124.507	W	6				6	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.4 (BRK), 3.2 (GS). Felt (IV) at Honeydew. Also felt at Rio Dell.
	23	22	12	04.0?	40.43	N	27.57	E	10	G		0.5	4	TURKEY
	23	22	30	17.2	19.494	S	69.113	W	135		4.6	1.1	26	NORTHERN CHILE
	23	22	36	06.7*	39.116	N	26.242	E	10	G		0.6	9	TURKEY
	23	22	40	58.9	44.336	N	7.233	E	5	G		0.5	14	NORTHERN ITALY. ML 2.1 (GEN), 2.0 (LDG).
	23	22	42	06.1&	34.084	N	116.854	W	2				11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 2.9 (GS).
	23	22	57	53.3%	37.969	N	29.382	E	10	G		0.7	6	TURKEY
	23	23	05	07.9&	34.085	N	116.854	W	3				12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.6 (GS).
	23	23	16	04.4&	34.088	N	116.853	W	2				8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	23	23	31	50.6	14.038	S	14.314	W	10	G	5.2 4.7	0.8	90	SOUTHERN MID-ATLANTIC RIDGE
	23	23	39	09.3?	39.93	N	24.23	E	10	G		1.2	4	AEGEAN SEA. MD 1.5 (THE).
	23	23	43	16.2*	38.330	N	25.056	E	10	G		1.4	5	AEGEAN SEA. ML 3.4 (ATH).
	23	23	45	20.3%	10.535	N	62.042	W	5	G		1.1	7	NEAR COAST OF VENEZUELA. MD 3.1 (TRN).
	24	00	15	14.9%	39.943	N	24.307	E	10	G		0.4	5	AEGEAN SEA. MD 2.3 (THE).
	24	00	25	23.7*	39.846	N	24.332	E	10	G		0.8	7	AEGEAN SEA. MD 2.4 (THE).
	24	00	33	09.2%	33.769	S	69.926	W	10	G		0.1	10	CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
	24	00	48	13.7	40.031	N	24.281	E	10	G		1.4	24	AEGEAN SEA. ML 3.6 (ATH). MD 3.3 (THE).
	24	00	50	06.4?	37.86	N	27.22	E	10	G		1.0	5	TURKEY
	24	00	51	15.2	39.124	N	26.318	E	10	G		0.6	15	TURKEY. MD 3.3 (THE).
	24	00	57	40.6?	39.10	N	25.94	E	10	G		0.5	5	AEGEAN SEA
	24	00	58	46.7%	39.211	N	26.378	E	10	G		0.3	6	TURKEY
	24	01	04	53.8	39.189	N	26.281	E	10	G		0.7	11	TURKEY. MD 2.9 (THE).
	24	01	12	28.1*	39.844	N	24.427	E	10	G		0.5	7	AEGEAN SEA. MD 2.8 (THE).
	24	01	14	34.1?	39.11	N	26.08	E	10	G		0.3	5	TURKEY
	24	01	48	18.7%	17.989	N	101.322	W	33	N		1.1	8	NEAR COAST OF GUERRERO, MEXICO
a	24	02	09	23.7	7.036	S	149.932	E	43	D	5.6 5.5	1.0	279	NEW BRITAIN REGION, P.N.G. Ma=1.0*10**18 Nm (PPT).
	24	02	17	42.7%	39.195	N	26.346	E	10	G		0.4	7	TURKEY
	24	02	21	59.9	39.204	N	26.314	E	10	G		0.5	12	TURKEY. MD 2.8 (THE).
	24	02	22	07.4*	36.506	N	71.534	E	82	?	4.6	1.2	16	AFGHANISTAN-TAJIKISTAN BORD REG.
	24	02	39	38.0	39.108	N	26.226	E	10	G		0.4	11	TURKEY
	24	04	03	26.7	38.401	S	175.635	E	180	G		0.6	18	NORTH ISLAND, NEW ZEALAND
	24	04	27	41.5	42.068	N	25.578	E	10	G		1.0	12	BULGARIA
	24	04	28	04.0	39.957	N	24.347	E	10	G	3.5	1.2	36	AEGEAN SEA. ML 3.7 (ATH). MD 3.7 (THE).
	24	04	34	51.9	41.992	N	25.565	E	10	G		0.7	7	GREECE-BULGARIA BORDER REGION
	24	04	50	00.2	37.490	N	27.034	E	33	N		0.7	18	TURKEY. MD 4.0 (ATH).
	24	05	26	55.2	24.151	N	121.821	E	45		4.6	1.2	33	TAIWAN
	24	06	04	54.3%	18.348	N	102.505	W	33	N		0.5	7	MICHOACAN, MEXICO
	24	06	24	17.6	29.288	N	90.198	E	33	N	4.8	1.2	16	XIJANG
	24	06	37	37.7&	34.324	N	116.637	W	3				12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 2.8 (GS).
	24	06	50	38.3*	39.875	N	24.408	E	10	G		0.7	12	AEGEAN SEA. MD 2.7 (THE).
	24	07	11	31.3?	39.86	N	24.24	E	10	G		0.3	4	AEGEAN SEA. MD 2.4 (THE).
	24	07	23	56.0&	34.489	N	116.483	W	9				18	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.0 (PAS), 3.7 (GS). Felt (IV) at Newberry Springs.
	24	07	49	53.9%	42.325	N	18.641	E	10	G		0.4	9	NORTHWESTERN BALKAN REGION. ML 1.6 (TTG).
	24	07	58	11.5*	5.749	S	149.316	E	159	*	5.0	1.0	12	NEW BRITAIN REGION, P.N.G.
	24	08	04	45.3&	34.624	N	116.551	W	7				6	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS).
	24	08	25	48.8%	42.044	N	25.535	E	10	G		1.0	6	BULGARIA
	24	08	42	54.5&	63.197	N	149.449	W	102				78	CENTRAL ALASKA. <AEIC>.
	24	09	32	09.0?	41.15	N	28.78	E	10	G		0.7	4	TURKEY
	24	09	49	16.8&	34.114	N	116.856	W	10				11	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.8 (GS).
	24	10	38	45.6?	60.56	N	5.08	E	10	G		0.1	4	SOUTHERN NORWAY. MD 1.6 (BER).
	24	10	52	42.5%	39.245	N	27.753	E	10	G		0.8	5	TURKEY
	24	11	03	58.6	30.966	S	68.754	W	130	?		0.8	15	SAN JUAN PROVINCE, ARGENTINA. MD 4.5 (SAN).
	24	11	05	48.0&	59.183	N	153.328	W	86				40	SOUTHERN ALASKA. <AEIC>.
	24	11	40	23.1	39.631	N	143.286	E	39		4.6	0.8	24	OFF EAST COAST OF HONSHU, JAPAN
a	24	11	51	34.5	39.471	N	143.168	E	33	D	4.9 4.8	1.0	118	OFF EAST COAST OF HONSHU, JAPAN
	24	12	12	31.2&	61.576	N	150.866	W	63				74	SOUTHERN ALASKA. <AEIC>. ML 3.7 (AEIC), 3.6 (PMR). Felt (IV) at Skwentna and (II) at Anchorage.
	24	12	19	25.1&	34.949	N	116.899	W	4				14	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.0 (GS).
	24	12	19	29.9?	42.36	N	23.99	E	10	G		0.2	6	BULGARIA. MD 2.8 (THE).
	24	12	26	10.1&	34.193	N	116.868	W	4				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 2.9 (GS).
	24	13	15	23.2	39.846	N	24.397	E	10	G		0.8	8	AEGEAN SEA. MD 3.0 (THE).
	24	13	41	18.0?	40.48	N	25.83	E	10	G		0.2	4	AEGEAN SEA. MD 2.4 (THE).
	24	13	53	45.8	43.385	N	5.420	E	10	G		0.9	18	NEAR SOUTH COAST OF FRANCE. ML 2.5 (STR).
a	24	14	26	57.0	7.009	S	149.971	E	36	D	5.2 4.5	1.1	105	NEW BRITAIN REGION, P.N.G.
	24	14	31	20.2%	44.414	N	7.756	E	10	G		0.2	6	NORTHERN ITALY. ML 2.1 (LDG).
	24	15	10	26.1%	39.102	N	29.381	E	10	G		0.5	6	TURKEY
	24	15	16	33.6%	40.511	N	23.585	E	10	G		0.5	6	GREECE. MD 1.9 (THE).

	24	15 21 55.9?	38.52	N	15.02	E	10	G			0.1	4	SICILY
	24	16 30 53.8?	42.74	N	12.53	E	10	G			1.2	4	CENTRAL ITALY
	24	17 56 32.6&	62.787	N	150.633	W	105					81	CENTRAL ALASKA. <AEIC>. Felt (IV) at Skwentna.
	24	18 14 36 2&	33.902	N	116.284	W	9		4.4	4.7		61	SOUTHERN CALIFORNIA. <PAS-P>. ML 5.0 (PAS). Mo=4.0*10**17 Nm (PPT). Felt (V) at Calimesa, Thousand Palms and Yucca Valley. Felt (IV) at Borrego Springs, Cabazon, Indio, Lake Elsinore, Moreno Valley, Morongo Valley, Newberry Springs and Pioneertown. Felt throughout a large part of southern California, including Los Angeles, Orange, Riverside, San Bernardino and San Diego Counties.
a	24	18 15 21.9	11.894	S	166.229	E	58	D	5.3		1.1	62	SANTA CRUZ ISLANDS
	24	18 16 53.2&	33.904	N	116.289	W	7					3	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS).
	24	18 21 12.9*	12.174	S	165.310	E	33	N	4.6	4.9	1.4	15	SANTA CRUZ ISLANDS
	24	18 21 24.2&	33.902	N	116.286	W	9					8	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.3 (GS).
	24	18 27 26.9&	40.279	N	124.506	W	20					4	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 3.0 (GM).
	24	18 58 51.2	19.593	N	76.601	W	33	N	4.5	4.7	1.2	25	CUBA REGION. MD 4.4 (HOJ). Felt in the Santiago de Cuba area.
	24	19 03 39.8	39.326	N	143.639	E	37		5.2		0.7	18	OFF EAST COAST OF HONSHU, JAPAN
	24	19 13 33.7?	38.22	N	26.91	E	10	G			0.7	5	AEGEAN SEA
	24	20 14 09.0?	8.14	S	147.16	E	138	?	4.2		1.0	7	EASTERN NEW GUINEA REG., P.N.G.
	24	20 41 48.6	42.667	S	173.021	E	111	?			0.4	18	SOUTH ISLAND, NEW ZEALAND
	24	20 43 18.9	39.843	N	25.436	E	10	G			1.1	11	AEGEAN SEA. MD 2.9 (THE).
	24	20 45 07.4?	16.10	N	100.01	W	13	*	4.3		1.3	8	NEAR COAST OF GUERRERO, MEXICO
a	24	20 47 34.7	1.641	N	126.956	E	79		5.1		1.1	65	NORTHERN MOLUCCA SEA
	24	21 17 11.5&	60.372	N	147.537	W	10					38	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
	24	21 54 33.1?	18.21	N	67.23	W	33	N			0.5	6	MONA PASSAGE
	24	22 31 49.3&	34.280	N	116.777	W	3					10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 2.9 (GS).
	24	22 46 56.5*	42.985	N	16.645	E	5	G			0.9	12	ADRIATIC SEA. ML 2.3 (TTG).
	24	23 13 26.3%	16.165	N	61.046	W	10	G			0.9	5	LEEWARD ISLANDS. ML 2.8 (FDF).
	24	23 46 59.9	39.920	N	24.363	E	11				1.1	13	AEGEAN SEA. ML 3.6 (ATH). MD 3.1 (THE).
	24	23 55 14.3	39.960	N	24.404	E	10	G			1.1	15	AEGEAN SEA. ML 3.4 (ATH). MD 3.2 (THE).
	25	00 35 29.1&	34.272	N	116.726	W	2					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 2.9 (GS).
	25	01 28 36.2?	46.14	N	21.55	E	10	G			0.4	4	ROMANIA
	25	01 49 05.0?	20.56	S	178.58	W	555	*	4.6		1.3	12	FIJI ISLANDS REGION
	25	01 56 38.7?	30.81	S	117.08	E	10	G			0.5	4	WESTERN AUSTRALIA
	25	02 32 11.8%	31.610	S	68.661	W	118	?			0.3	8	SAN JUAN PROVINCE, ARGENTINA
	25	02 37 32.5	24.840	S	70.087	W	52	D	5.2		1.1	70	NEAR COAST OF NORTHERN CHILE. Felt (III) at Antofagasta.
f	25	02 53 28.3	38.731	N	143.012	E	17	G	5.9	5.7	0.9	400	OFF EAST COAST OF HONSHU, JAPAN. Ms 5.4 (BRK). Mo=7.9*10**17 Nm (PPT). Depth from broadband displacement seismograms.
	25	03 28 41.9%	40.766	N	29.864	E	5	G			0.6	7	TURKEY
	25	04 11 47.3&	34.080	N	116.377	W	0					12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 2.9 (GS).
	25	04 31 59.9&	33.937	N	116.306	W	6		4.6			66	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.9 (PAS). Felt (V) at Indio and Thousand Palms. Felt (IV) at Borrego Springs, Calimesa, Joshua Tree, Moreno Valley and Yucca Valley. Felt throughout a large part of southern California, including Los Angeles, Orange, Riverside, San Bernardino and San Diego Counties.
	25	05 09 38.3&	59.390	N	153.649	W	114		3.9			91	SOUTHERN ALASKA. <AEIC>.
	25	05 58 53.6?	18.89	N	61.93	W	10	G			1.2	13	LEEWARD ISLANDS. MD 3.6 (TRN).
	25	06 08 58.3?	6.57	N	124.07	E	546	?	4.5		0.8	5	MINDANAO, PHILIPPINE ISLANDS
	25	06 35 54.5&	34.194	N	116.431	W	0					13	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.1 (GS).
	25	08 03 57.5%	37.565	N	26.964	E	10	G			0.5	6	DODECANESE ISLANDS
	25	08 21 40.3&	34.111	N	116.919	W	6					15	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.5 (GS).
	25	08 31 57.4?	39.31	N	29.76	E	10	G			0.3	4	TURKEY
	25	08 38 20.8&	34.626	N	116.600	W	8					12	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	25	08 42 59.8*	27.270	S	71.461	W	181	?			1.1	11	NEAR COAST OF NORTHERN CHILE
	25	09 10 59.2&	34.443	N	116.497	W	3					8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
a	25	09 12 19.1	0.461	N	25.105	W	10	G	5.2	5.0	1.0	161	CENTRAL MID-ATLANTIC RIDGE
	25	09 14 04.1?	46.80	N	149.31	E	33	N	4.3		1.3	9	KURIL ISLANDS
	25	09 28 10.8?	34.59	S	70.53	W	120	G			0.4	11	CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
	25	10 23 19.8&	34.878	N	116.646	W	0					12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 2.8 (GS).
	25	10 23 51.5	44.478	N	6.428	E	10	G			0.4	18	FRANCE. ML 2.4 (LDG).
	25	10 27 10.4&	34.267	N	116.916	W	5					17	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.9 (PAS), 3.6 (GS).
	25	12 09 59.3	31.587	S	69.287	W	125	*			0.8	23	SAN JUAN PROVINCE, ARGENTINA. MD 4.4 (SAN).
	25	12 21 27.3?	31.73	S	71.90	W	132	?			1.3	20	NEAR COAST OF CENTRAL CHILE. MD 4.3 (SAN).
	25	12 26 09.8	40.332	N	25.832	E	10	G			1.0	12	AEGEAN SEA
	25	12 37 09.4&	34.947	N	116.747	W	0					10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	25	12 41 42.5&	33.901	N	116.289	W	6					8	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.0 (GS).
	25	13 25 18.4&	61.016	N	148.053	W	37					58	SOUTHERN ALASKA. <AEIC>. ML 2.8 (AEIC).
	25	14 15 05.3?	43.52	N	4.85	E	10	G			0.3	5	NEAR SOUTH COAST OF FRANCE. ML 2.5 (LDG).
	25	14 53 00.0%	39.071	N	27.590	E	10	G			0.4	5	TURKEY
	25	15 01 30.9*	1.664	N	127.014	E	100	?	4.6		0.6	7	HALMAHERA, INDONESIA
	25	15 11 14.2&	35.963	N	116.728	W	6					23	CENTRAL CALIFORNIA. <PAS-P>. ML 3.6 (PAS), 3.4 (GS).
	25	15 25 39.2?	4.60	S	135.39	E	75	?	4.5		0.1	5	IRIAN JAYA REGION, INDONESIA
	25	15 31 23.1	39.490	N	28.150	E	10	G			0.6	11	TURKEY. MG 3.4 (DDA).
	25	16 12 40.9%	42.793	N	12.471	E	5	G			0.9	7	CENTRAL ITALY
	25	16 51 26.3?	42.90	N	12.44	E	5	G			1.3	4	CENTRAL ITALY
	25	17 02 20.2&	33.941	N	116.304	W	7					16	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.9 (PAS), 3.6 (GS).
	25	17 13 27.1	31.916	S	69.572	W	132	*			0.7	19	SAN JUAN PROVINCE, ARGENTINA. MD 4.0 (SAN).
	25	17 19 23.4?	31.24	S	69.21	W	134	?			1.1	9	SAN JUAN PROVINCE, ARGENTINA
	25	17 46 31.5?	9.93	S	112.01	E	33	N	4.1		0.5	5	SOUTH OF JAWA, INDONESIA
	25	18 04 16.5	44.182	N	7.347	E	10	G			0.5	9	NORTHERN ITALY. ML 1.6 (GEN).
	25	18 09 16.1	40.331	N	25.749	E	10	G			0.8	15	AEGEAN SEA. MD 3.7 (THE).
	25	18 34 20.5%	39.073	N	27.743	E	10	G			0.7	7	TURKEY
	25	18 44 13.5&	58.619	N	150.156	W	55					58	GULF OF ALASKA. <AEIC>. ML 3.0 (AEIC).
	25	19 01 53.7&	32.425	N	115.281	W	6	G				10	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.1 (PAS).
	25	19 18 06.3	40.347	N	25.816	E	10	G			0.7	16	AEGEAN SEA. MD 3.2 (THE).
	25	19 50 02.7?	39.36	N	142.43	E	80	?	4.3		1.5	12	NEAR EAST COAST OF HONSHU, JAPAN
	25	20 15 39.5%	39.253	N	27.730	E	10	G			0.3	5	TURKEY

	25	20 32 48.1	43.072	N	0.675	W	10	G			0.3	10	PYRENEES. ML 1.8 (STR)
	25	21 21 09 4%	43.091	N	0.679	W	10	G			0.1	7	PYRENEES. ML 1.0 (STR).
	25	21 26 09 5?	15.11	S	167.26	E	121	?	4.6		0.8	22	VANUATU ISLANDS
	25	22 01 46 2	42 709	N	1.196	E	10	G			0.9	15	PYRENEES. ML 2.8 (LDG).
	25	22 21 14.0&	34.633	N	116.691	W	4					12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 2.8 (GS).
	25	23 22 32.4?	10.47	N	61.38	W	10	G			1.1	4	TRINIDAD. MD 2.3 (TRN).
	26	00 13 16.0?	18.89	N	65.50	W	33	N			0.2	8	PUERTO RICO REGION
	26	00 18 50.3&	32.420	N	115.278	W	6	G				5	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.2 (PAS).
	26	00 32 15.8%	43.872	N	11.085	E	10	G			0.4	5	CENTRAL ITALY
	26	01 23 17.3*	17.725	S	167.465	E	33	N	4.8	4.3	1.3	35	VANUATU ISLANDS
	26	01 34 53.0?	32.13	S	69.42	W	120	G			0.1	5	MENDOZA PROVINCE, ARGENTINA
	26	02 33 05.2&	35.139	N	116.851	W	0					8	CENTRAL CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	26	02 58 07.9*	6.722	S	147.732	E	62	*	4.3		0.9	9	EASTERN NEW GUINEA REG., P.N.G.
	26	03 01 31.4?	38.41	S	175.70	E	221	*			0.5	28	NORTH ISLAND, NEW ZEALAND
	26	03 30 27.1	41.194	N	20.877	E	10	G			0.7	18	ALBANIA. ML 2.5 (TTG), 2.3 (SKO), 2.1 (TIR).
	26	03 38 13.0%	39.150	N	26.267	E	10	G			0.3	6	TURKEY
	26	04 15 34.0*	7.767	S	97.361	W	23	D	4.5		0.7	26	SOUTHWEST OF GALAPAGOS ISLANDS
	26	04 58 00.1%	42.860	N	12.537	E	10	G			1.5	9	CENTRAL ITALY
	26	05 36 44.4&	61.188	N	151.548	W	72					48	SOUTHERN ALASKA. <AEIC>.
	26	06 07 58.9*	6.543	S	147.428	E	49	?	4.2		1.3	7	EASTERN NEW GUINEA REG., P.N.G.
	26	08 16 52.7%	57.467	N	5.446	W	10	G			0.5	10	UNITED KINGDOM. ML 2.8 (BGS). Felt (III) at Diabaig, Strathcaron, and Torridon.
	26	08 17 44.0?	33.87	S	72.07	W	10	G			0.5	10	OFF COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	26	09 02 33.5	39.899	N	24.593	E	10	G			0.6	11	AEGEAN SEA. MD 3.0 (THE).
	26	09 05 01.4%	42.906	N	12.507	E	10	G			0.9	8	CENTRAL ITALY
	26	09 22 21.1	41.309	S	175.708	E	52		4.2		1.1	30	NORTH ISLAND, NEW ZEALAND. Felt (IV) at Levin, Wanganui, Palmerston North and Greytown.
	26	09 34 40.8?	45.06	N	7.21	E	10	G			0.7	7	NORTHERN ITALY
	26	09 35 22.6?	31.21	S	68.70	W	100	G			0.2	5	SAN JUAN PROVINCE, ARGENTINA
	26	10 32 56.5?	32.28	S	71.87	W	10	G			0.4	8	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	26	10 53 41.6&	61.700	N	150.178	W	41					63	SOUTHERN ALASKA. <AEIC>. ML 2.7 (AEIC), 3.0 (PMR).
	26	11 03 06.3	6.968	S	149.997	E	53	*	4.4		1.0	17	NEW BRITAIN REGION, P.N.G.
	26	11 16 07.4?	31.19	S	68.25	W	100	G			0.4	5	SAN JUAN PROVINCE, ARGENTINA
	26	11 19 58.2&	33.900	N	116.282	W	6					8	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 2.9 (GS).
	26	11 34 15.6?	31.91	S	69.15	W	120	G			0.3	5	SAN JUAN PROVINCE, ARGENTINA
	26	12 10 45.5	37.856	N	114.859	W	5	G			0.8	19	SOUTHERN NEVADA. ML 3.2 (GS).
	26	12 12 43.4%	34.188	S	71.227	W	60	G			0.4	9	NEAR COAST OF CENTRAL CHILE. MD 3.4 (SAN).
	26	12 26 56.8?	43.94	N	8.59	E	23	*			0.4	7	CORSICA. ML 1.9 (GEN).
	26	12 44 35.3%	37.711	N	15.181	E	30				0.8	11	SICILY. ML 2.4 (ROM).
	26	12 54 03.5*	43.733	N	17.357	E	10	G			1.0	9	NORTHWESTERN BALKAN REGION. ML 2.4 (TTG).
	26	13 20 09.3%	42.506	N	13.274	E	10	G			0.9	5	CENTRAL ITALY
	26	13 20 32.4?	32.33	S	71.54	W	50	G			0.4	8	NEAR COAST OF CENTRAL CHILE. MD 3.4 (SAN).
	26	13 29 51.6?	43.99	N	7.22	E	10	G			0.3	4	NEAR SOUTH COAST OF FRANCE. ML 1.9 (LDG).
	26	15 25 25.1	50.201	N	129.655	W	10	G	4.7	4.5	1.0	128	VANCOUVER ISLAND REGION
	26	15 39 43.4&	34.110	N	116.984	W	5					8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.8 (GS).
	26	15 54 11.4*	44.794	N	149.585	E	43	D	4.7		1.0	29	KURIL ISLANDS
	26	17 19 09.5%	32.916	S	70.349	W	100	G			0.3	9	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	26	17 40 10.4?	31.27	S	68.82	W	112	?			0.5	8	SAN JUAN PROVINCE, ARGENTINA
	26	17 47 09.8	38.637	N	143.199	E	29	D	4.8	3.9	1.1	60	OFF EAST COAST OF HONSHU, JAPAN
	26	18 06 52.2?	6.39	S	152.01	E	33	N	4.5		1.5	6	NEW BRITAIN REGION, P.N.G.
	26	18 42 57.0*	6.962	S	129.897	E	111	?	4.1		1.0	9	BANDA SEA
	26	18 53 57.5*	38.996	S	174.799	E	265	?			0.4	16	NORTH ISLAND, NEW ZEALAND
	26	19 26 02.6&	34.314	N	116.450	W	6					10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS).
	26	19 40 54.7%	31.857	S	67.982	W	10	G			1.4	8	SAN JUAN PROVINCE, ARGENTINA
	26	19 53 35.8&	34.984	N	116.946	W	0					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 2.7 (GS).
	26	20 04 00.4	1.687	N	127.120	E	94	*	5.0		1.3	26	HALMAHERA, INDONESIA
	26	20 56 57.8?	42.63	N	11.95	E	10	G			1.3	4	CENTRAL ITALY
	26	21 56 28.8	32.873	S	70.804	W	71	*			1.1	20	CHILE-ARGENTINA BORDER REGION. MD 4.1 (SAN).
	26	21 56 34.6%	42.368	N	18.668	E	10	G			0.3	9	NORTHWESTERN BALKAN REGION. ML 1.7 (TTG).
	26	22 00 25.3&	63.415	N	150.328	W	145		4.2			89	CENTRAL ALASKA. <AEIC>.
	26	22 08 50.5&	33.893	N	116.284	W	7					6	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	26	22 37 14.3?	23.90	S	179.91	W	530	?	4.4		1.0	16	SOUTH OF FIJI ISLANDS
	26	23 16 54.2	41.829	S	172.604	E	123	*			0.8	16	SOUTH ISLAND, NEW ZEALAND
	26	23 28 52.0*	40.058	N	24.804	E	10	G			0.5	7	AEGEAN SEA. MD 2.9 (THE).
	26	23 31 33.6*	29.064	N	80.202	E	33	N			1.3	7	NEPAL-INDIA BORDER REGION. ML 3.5 (NDI).
	26	23 48 26.4?	40.63	N	21.59	E	10	G			0.4	4	GREECE. MD 1.7 (THE).
	26	23 49 39.2%	44.483	N	7.326	E	10	G			0.4	7	NORTHERN ITALY. ML 1.7 (GEN).
	27	00 33 44.0&	59.388	N	152.715	W	76					42	SOUTHERN ALASKA. <AEIC>.
	27	00 40 05.8*	8.855	S	130.224	E	33	N	4.3		0.9	9	TANIMBAR ISLANDS REG., INDONESIA
	27	00 58 04.5*	8.000	S	130.382	E	33	N	4.6		1.5	18	TANIMBAR ISLANDS REG., INDONESIA
	27	01 24 10.1?	17.89	S	168.31	E	49		4.7		0.8	8	VANUATU ISLANDS
	27	01 40 39.4	50.268	N	129.815	W	10	G	4.1		1.3	31	VANCOUVER ISLAND REGION
	27	02 21 20.5&	34.379	N	116.462	W	1					10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	27	02 32 38.6%	32.702	S	68.096	W	10	G			0.3	6	MENDOZA PROVINCE, ARGENTINA
	27	02 45 57.0?	39.43	N	24.98	E	10	G			0.1	5	AEGEAN SEA. MD 2.0 (THE).
	27	03 18 03.1	42.997	N	0.588	W	14				1.1	39	PYRENEES. ML 3.4 (LDG). mbLg 3.6 (MDD).
	27	03 37 32.6*	13.735	N	120.137	E	76	*	4.6		0.9	7	MINDORO, PHILIPPINE ISLANDS
	27	03 57 48.0&	34.359	N	116.449	W	2					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.4 (GS). Felt.
	27	04 19 11.0	50.251	N	129.866	W	10	G	4.9		1.0	160	VANCOUVER ISLAND REGION
	27	04 21 30.8	50.169	N	130.135	W	10	G	5.2	4.8	0.9	153	VANCOUVER ISLAND REGION
	27	04 32 06.9*	42.885	N	0.639	W	10	G			0.9	11	PYRENEES. ML 1.0 (STR).
	27	04 33 05.4&	33.435	N	117.979	W	6	G				20	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 2.9 (GS).
	27	04 48 29.7*	42.836	N	0.611	W	10	G			0.3	8	PYRENEES. ML 1.0 (STR).
	27	04 57 57.6%	34.049	S	71.283	W	55	?			0.5	11	NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	27	05 01 40.0	50.235	N	129.763	W	10	G	4.2		0.9	78	VANCOUVER ISLAND REGION
	27	06 20 50.4%	42.887	N	0.595	W	10	G			0.1	6	PYRENEES. ML 1.6 (STR).
	27	06 23 36.4	37.271	N	20.765	E	23		4.1		1.0	36	IONIAN SEA. ML 3.7 (ATH), 3.5 (TIR).
a	27	06 25 43.5*	56.841	S	146.896	E	33	N	5.1	5.4	1.6	35	WEST OF MACQUARIE ISLAND
	27	07 01 49.1	50.154	N	130.081	W	10	G	3.8		1.2	18	VANCOUVER ISLAND REGION
	27	07 12 26.8&	61.866	N	147.109	W	39					66	SOUTHERN ALASKA. <AEIC>. ML 3.0 (AEIC), 3.2 (PMR).
	27	07 13 08.3?	20.16	N	122.38	E	31	?	4.4		1.2	6	PHILIPPINE ISLANDS REGION

	27	07	45	50.7	37.580	N	22.632	E	90		4.1	1.2	77	SOUTHERN GREECE. MD 4 0 (ATH), 3.9 (THE).
	27	07	47	45.7&	49.901	N	129.845	W	10	G			5	VANCOUVER ISLAND REGION. <PGC-P>. ML 3.1 (PGC).
	27	07	58	39.6	34.990	N	33.584	E	59	*		1 2	21	CYPRUS REGION. MD 4.3 (CSS). Felt (III) at Nicosia.
	27	07	58	55.5&	34.253	N	116.431	W	3				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS), 2.4 (GS). Felt.
	27	08	00	19.8&	34.250	N	116.429	W	3				8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.5 (GS).
	27	08	08	10.9?	33.80	S	179.92	E	255	?	3.6	0 7	13	SOUTH OF KERMADEC ISLANDS
	27	08	23	47.4	40.449	N	21.822	E	10	G		1.2	9	GREECE. MD 2.0 (THE).
	27	08	29	24.8*	39.548	N	143.428	E	33	N	4.8	1.2	31	OFF EAST COAST OF HONSHU, JAPAN
	27	08	54	16.8%	40.825	N	22.961	E	10	G		0.2	5	GREECE. MD 1.1 (THE).
	27	09	12	55 2&	33.904	N	116.288	W	5				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	27	09	48	38 5	28.037	N	57.921	E	33	N	4.4	1.4	29	SOUTHERN IRAN
	27	10	53	29.9?	31.16	S	68.05	W	90	?		0.1	6	SAN JUAN PROVINCE, ARGENTINA
	27	11	11	45.7%	31.312	S	68.517	W	28	*		0.1	6	SAN JUAN PROVINCE, ARGENTINA
	27	11	12	13.8&	34.239	N	116.836	W	3				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
	27	11	34	01.8?	7.59	S	128.73	E	33	N	4.5	0.9	5	BANDA SEA
	27	11	38	24.4%	39.213	N	27.591	E	10	G		0.3	5	TURKEY
	27	11	43	38.4*	1.690	N	127.365	E	146	?	5.0	0.6	7	HALMAHERA, INDONESIA
	27	12	06	35.6%	60.919	N	6.130	E	10	G		0.7	8	SOUTHERN NORWAY. MD 1.2 (BER).
	27	12	34	07.1	52.162	N	157.089	E	135	D	4.6	0.8	75	KAMCHATKA
	27	13	29	40.5*	39.698	N	23.758	E	10	G		0.3	10	AEGEAN SEA. MD 2.4 (THE).
	27	15	33	05.6*	24.374	N	121.823	E	41		4.3	0.9	12	TAIWAN
	27	16	19	47.5	31.721	S	66.964	W	126	*		1.1	22	LA RIOJA PROVINCE, ARGENTINA. MD 4.2 (SAN).
	27	18	08	55.3?	42.89	N	0.61	W	10	G		0.1	5	PYRENEES. ML 1.0 (STR).
	27	18	26	12.1?	1.55	N	126.95	E	109	?	4.7	0.5	8	NORTHERN MOLUCCA SEA
	27	18	53	27 9&	34.397	N	116.453	W	6				7	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	27	18	56	49.4?	46.07	N	2.83	E	10	G		0.4	4	FRANCE. ML 1.5 (LDG).
	27	19	01	10.6?	19.55	S	69.60	W	163	?		1.3	7	NORTHERN CHILE
	27	19	26	27.9&	36.865	N	121.417	W	7				8	CENTRAL CALIFORNIA. <GM-P>. MD 2.9 (GM).
	27	19	28	35.9?	34.29	S	70.42	W	10	G		0.9	5	CHILE-ARGENTINA BORDER REGION
a	27	19	34	09.2	51.516	N	157.133	E	108	D	5.2	0.9	322	NEAR EAST COAST OF KAMCHATKA
	27	19	57	12.7?	31.55	S	69.42	W	132	?		0.4	9	SAN JUAN PROVINCE, ARGENTINA
	27	20	37	00.7&	34.967	N	116.939	W	4				12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 2.9 (GS).
	27	20	40	08.7&	32.612	N	115.628	W	16				12	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 4.1 (PAS), 3.7 (GS). Felt (IV) at Calexico and Holtville and (III) at Jacumba, Mount Laguna and Seeley, California.
	27	21	45	07.4?	8.10	S	130.52	E	181	?	4.6	1.5	5	TANIMBAR ISLANDS REG., INDONESIA
	27	21	45	27.3	36.715	N	121.616	W	5	G		0.6	9	CENTRAL CALIFORNIA. ML 2.6 (GS).
	27	22	10	59.7&	36.085	N	117.679	W	1				21	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 4.1 (PAS), 3.6 (GS).
	27	22	17	14.8&	34.294	N	116.864	W	6				11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 2.9 (GS).
	27	22	18	14.0	39.789	N	25.431	E	10	G		1.0	12	AEGEAN SEA. MD 3.0 (THE).
	27	22	20	32.8?	45.82	N	2.84	E	10	G		0.4	4	FRANCE. ML 1.6 (LDG).
	27	22	54	35.0&	32.613	N	115.625	W	15				4	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.0 (PAS).
	27	23	16	23.6&	36.932	N	121.438	W	5				9	CENTRAL CALIFORNIA. <BRK>. ML 2.5 (BRK).
	27	23	49	59.6?	31.26	S	69.16	W	120	G		0.4	5	SAN JUAN PROVINCE, ARGENTINA
	27	23	56	45.3?	31.76	S	69.72	W	120	G		0.1	5	SAN JUAN PROVINCE, ARGENTINA
	28	00	02	40.9?	8.57	N	124.68	E	10	G		0.5	4	MINDANAO, PHILIPPINE ISLANDS
	28	00	24	26.1?	14.59	N	60.92	W	10	G		0.1	4	WINDWARD ISLANDS. ML 2.7 (FDF).
	28	01	39	35.5?	32.31	S	71.67	W	10	G		0.8	10	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	28	01	40	04.8?	7.11	S	125.06	E	492	?	5.2	1.4	9	BANDA SEA
	28	01	42	26.9&	34.252	N	116.430	W	3				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 2.9 (GS).
	28	01	53	07.6*	38.155	S	179.458	E	115		5.1	1.2	47	OFF E. COAST OF N. ISLAND, N.Z.
	28	02	13	13.6	46.418	N	14.333	E	5	G		1.0	26	NORTHWESTERN BALKAN REGION. ML 3.1 (FUR), 3.1 (VIE), 2.8 (LJU), 2.8 (ZAG). MD 3.1 (TRI). Felt (IV) at Maria Rain, Austria.
	28	03	08	23.0%	31.183	S	68.430	W	98	?		0.5	8	SAN JUAN PROVINCE, ARGENTINA
	28	03	12	21.6*	43.237	N	20.846	E	10	G		1.1	11	NORTHWESTERN BALKAN REGION. ML 1.9 (TTG).
	28	03	46	22.3	43.258	N	19.255	E	10	G		0.4	9	NORTHWESTERN BALKAN REGION. ML 2.1 (TTG).
	28	04	05	49.3%	17.764	N	66.160	W	10	G		0.4	6	PUERTO RICO REGION
	28	04	31	17.5&	34.363	N	116.450	W	1				10	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	28	05	23	14.7?	32.90	S	68.30	W	90	G		0.9	6	MENDOZA PROVINCE, ARGENTINA
	28	05	40	17.0	34.337	N	116.436	W	5	G		0.7	8	SOUTHERN CALIFORNIA. ML 3.0 (GS).
	28	06	02	19.6*	37.612	S	178.361	E	70	G		0.9	16	OFF E. COAST OF N. ISLAND, N.Z.
	28	06	47	04.3?	41.68	N	23.90	E	10	G		0.3	6	GREECE-BULGARIA BORDER REGION. MD 3.0 (THE).
	28	06	50	12.6*	19.580	N	109.003	W	10	G	4.0 4.1	1.1	21	REVILLA GIGEDO ISLANDS REGION
	28	06	54	08.1*	34.927	N	27.729	E	10	G		0.9	6	EASTERN MEDITERRANEAN SEA. ML 3.9 (CSS). MD 3.9 (ATH).
	28	07	25	16.7?	41.20	N	14.19	E	10	G		1.1	6	SOUTHERN ITALY
	28	07	30	02.4	42.019	N	19.580	E	10	G		1.0	13	NORTHWESTERN BALKAN REGION. ML 1.9 (TTG), 1.8 (TIR).
	28	08	57	00.7?	34.76	S	70.53	W	148	?		1.2	22	CHILE-ARGENTINA BORDER REGION. MD 4.3 (SAN).
	28	09	17	02.1%	44.379	N	7.375	E	10	G		0.6	7	NORTHERN ITALY. ML 1.6 (GEN).
	28	09	33	11.5*	31.121	S	138.783	E	10	G		0.9	6	SOUTH AUSTRALIA
	28	09	35	51.9	5.181	S	151.607	E	78	*	5.2	1.1	42	NEW BRITAIN REGION, P.N.G.
	28	09	37	14.3?	49.90	N	153.45	E	200	G	4.1	0.6	7	KURIL ISLANDS
	28	10	51	38.8	49.045	N	151.585	E	291		4.8	0.8	147	NORTHWEST OF KURIL ISLANDS
	28	11	32	28.8%	37.820	N	1.689	W	10	G		1.2	5	SPAIN. mbLg 2.6 (MDD).
	28	11	32	51.2%	44.277	N	7.424	E	10	G		0.2	6	NORTHERN ITALY. ML 1.5 (GEN).
	28	12	22	09.0	43.387	N	7.446	E	10	G		0.6	22	NEAR SOUTH COAST OF FRANCE. ML 2.7 (LDG).
	28	13	27	37.9	19.837	S	69.042	W	131		5.2	0.7	18	NORTHERN CHILE
	28	13	51	35.8&	60.155	N	152.981	W	118				77	SOUTHERN ALASKA. <AEIC>.
	28	14	01	05.8&	61.666	N	151.196	W	73				50	SOUTHERN ALASKA. <AEIC>.
	28	14	14	42.9&	64.038	N	148.927	W	136				28	CENTRAL ALASKA. <AEIC>.
	28	16	09	33.3%	41.204	N	25.398	E	10	G		1.0	5	GREECE-BULGARIA BORDER REGION. MD 3.1 (THE).
	28	16	27	06.5?	31.03	S	69.59	W	148	?		0.9	8	SAN JUAN PROVINCE, ARGENTINA
a	28	17	30	17.6	4.435	S	127.496	E	297	D	5.5	1.0	169	BANDA SEA
	28	17	34	19.7	35.553	N	26.998	E	33	N		1.2	11	CRETE. ML 4.0 (CSS). MD 4.0 (ATH).
	28	17	41	08.9&	34.447	N	116.484	W	1				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	28	17	58	48.9?	36.30	S	176.83	E	200	G		0.9	9	OFF E. COAST OF N. ISLAND, N.Z.
	28	18	27	03.8&	34.112	N	116.415	W	0		4.4		53	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.6 (PAS). Felt (IV) at India, Newberry Springs and Thousand Palms. Felt in parts of Riverside and San Bernardino Counties.

	28	19	05	38.3*	6.796	S	146.486	E	52 ?	4.1		1.4	6	EASTERN NEW GUINEA REG., P.N.G.
	28	19	44	29.5	53.774	N	167.164	W	33 N	4.3		0.9	20	FOX ISLANDS, ALEUTIAN ISLANDS
	28	20	04	29.5	44.780	N	6.803	E	10 G			0 6	18	FRANCE. ML 2.3 (LDG), 2.2 (GEN).
	28	20	09	49.6	53.879	N	167.199	W	33 N	4.8	4.3	1 3	83	FOX ISLANDS, ALEUTIAN ISLANDS. Felt (III) at Dutch Harbor and (II) at Unalaska.
	28	20	16	18.7*	40.613	N	30.061	E	33 N			0.4	5	TURKEY
	28	20	38	04.1?	37.97	N	2.97	W	10 G			0.7	4	SPAIN. mbLg 2.6 (MDD).
	28	22	04	44.5*	57.362	N	161.343	E	33 N	4.5		1.2	19	KAMCHATKA
	28	22	37	39.5&	34.223	N	116 742	W	11				7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	28	23	09	46.7&	34.945	N	116.778	W	2				4	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	29	00	11	56.3*	11.759	S	117.027	E	33 N			0.9	6	SOUTH OF SUMBAWA, INDONESIA
	29	00	31	50.2?	23.93	S	179 69	E	595 ?	4.6		1.0	23	SOUTH OF FIJI ISLANDS
	29	00	32	33.8?	44.77	N	6.64	E	10 G			0.2	4	FRANCE ML 1.3 (GEN).
	29	00	32	40.9&	34.048	N	116.403	W	5				7	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 2.8 (GS).
	29	00	53	25.3*	1.893	N	128.328	E	111 *	5.0		1.3	10	HALMAHERA, INDONESIA
	29	01	04	08.7&	34.117	N	116.419	W	0				10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 2.9 (GS).
a	29	01	54	47.8*	55.349	S	128.438	W	10 G	5.7	5.1	1.1	48	PACIFIC-ANTARCTIC RIDGE
a	29	02	27	15.1	39.607	N	143.282	E	27 D	5.6	5.2	1.0	260	OFF EAST COAST OF HONSHU, JAPAN
	29	02	44	36.2	39.483	N	143.764	E	33 N	5.0		0.7	19	OFF EAST COAST OF HONSHU, JAPAN
	29	03	00	34.5?	38.56	N	14.45	E	10 G			0.2	5	SICILY
	29	03	19	17.1?	31.47	S	68.84	W	110 G			0.1	5	SAN JUAN PROVINCE, ARGENTINA
	29	03	27	31.9%	39.569	N	29.011	E	10 G			1.1	5	TURKEY
	29	04	23	01.5	6.537	N	72.985	W	162	4.8		0.8	42	NORTHERN COLOMBIA
f	29	04	30	47.7	39.495	N	143.501	E	16 G	5.9	6.2	1.1	444	OFF EAST COAST OF HONSHU, JAPAN. Ms 6.1 (BRK). Mo=3.2*10**18 Nm (PPT). Depth from broadband displacement seismograms.
	29	04	59	19.1?	39.49	N	143.76	E	33 N			1.6	5	OFF EAST COAST OF HONSHU, JAPAN
	29	05	23	58.7	39.591	N	143.393	E	33 N	4.8		1.1	38	OFF EAST COAST OF HONSHU, JAPAN
	29	05	30	43.3	32.489	N	36.007	E	10 G			1.3	9	DEAD SEA REGION. ML 3.3 (CSS).
	29	06	28	22.8%	31.320	S	68.511	W	98 ?			0.5	8	SAN JUAN PROVINCE, ARGENTINA
	29	06	32	30.2?	39.63	N	21.69	E	10 G			0.3	4	GREECE. MD 2.2 (THE).
	29	06	40	04.8	11.322	N	61.058	W	33 N			0.3	5	WINDWARD ISLANDS. MD 2.8 (TRN).
	29	07	15	12.7	41.100	N	22.462	E	10 G			0.6	9	NORTHWESTERN BALKAN REGION. MD 1.9 (THE). ML 1.9 (SKO).
	29	07	43	59.7&	34.628	N	116.664	W	3				11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 2.7 (GS).
	29	08	05	17.3?	11.68	N	62.19	W	10 G			0.1	4	WINDWARD ISLANDS. MD 2.8 (TRN).
	29	08	09	29.5%	16.535	N	98.771	W	33 N			0.3	5	NEAR COAST OF GUERRERO, MEXICO
	29	08	20	33.9	24.998	S	179.797	E	532 ?	4.9		1.1	53	SOUTH OF FIJI ISLANDS
	29	09	10	21.5*	16.957	S	177.640	W	405 *	4.4		0.9	35	FIJI ISLANDS REGION
	29	09	50	16.6&	57.406	N	157.312	W	115				48	ALASKA PENINSULA. <AEIC>.
o	29	09	51	57.4	32.727	N	141.678	E	35 D	5.0	4.4	1.3	121	SOUTH OF HONSHU, JAPAN
	29	10	46	03.2&	64.029	N	148.130	W	112				38	CENTRAL ALASKA. <AEIC>.
	29	11	00	29.8?	38.86	N	22.50	E	10 G			1.0	7	GREECE. MD 2.5 (THE).
	29	11	10	49.5?	50.30	N	18.91	E	10 G			0.2	4	POLAND. ML 2.9 (WAR).
	29	12	53	43.5&	60.509	N	152.400	W	96				61	SOUTHERN ALASKA. <AEIC>.
	29	13	07	09.4?	44.28	N	8.12	E	10 G			1.4	4	NORTHERN ITALY. ML 1.3 (GEN).
	29	13	20	44.5&	35.285	N	116.863	W	0				12	CENTRAL CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.0 (GS).
	29	13	34	43.7&	34.203	N	116.863	W	3				10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.1 (GS).
	29	13	59	29.5*	19.498	S	175.421	W	275 *	4.6		1.2	37	TONGA ISLANDS
	29	14	01	21.5*	39.780	N	32.983	E	10 G			1.2	6	TURKEY
	29	14	45	27.3%	41.938	N	19.444	E	10 G			0.4	9	ALBANIA. ML 1.8 (TTG).
	29	14	51	17.7&	62.076	N	148.201	W	40				54	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC).
	29	15	36	09.0*	29.481	N	130.768	E	33 N	4.6		1.1	10	RYUKYU ISLANDS
	29	16	21	07.9*	44.402	N	8.077	E	10 G			0.6	10	NORTHERN ITALY. ML 2.6 (LDG).
	29	16	25	56.3%	42.713	N	18.580	E	10 G			0.2	6	NORTHWESTERN BALKAN REGION. ML 1.2 (TTG).
	29	16	48	59.2&	34.353	N	116.468	W	7				10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 2.9 (GS).
	29	17	01	11.0&	34.570	N	116.545	W	5				8	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 2.7 (GS).
	29	17	22	29.3*	39.123	N	29.415	E	33 N			1.4	7	TURKEY. MG 2.8 (DDA).
	29	17	33	45.2	41.633	N	22.324	E	10 G			0.6	10	NORTHWESTERN BALKAN REGION. ML 2.5 (SKO). MD 2.4 (THE).
	29	17	38	28.5?	60.96	N	167.60	E	33 N	4.4		1.5	9	EASTERN SIBERIA, RUSSIA
	29	17	39	26.7&	35.287	N	116.865	W	0				11	CENTRAL CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.2 (GS).
	29	18	05	13.1	53.160	N	4.393	W	10 G			0.6	35	UNITED KINGDOM. ML 3.5 (LDG), 3.4 (BNS). Felt (IV) at Caernarfon, Bangor and Llanfaelog.
	29	18	26	52.1	43.402	N	5.416	E	10 G			0.8	16	NEAR SOUTH COAST OF FRANCE. ML 2.8 (STR).
	29	18	31	02.9	29.479	S	72.803	W	33 N	5.1		1.1	26	OFF COAST OF CENTRAL CHILE. MD 4.6 (SAN).
	29	18	35	38.0&	58.617	N	142.527	W	10 G				37	GULF OF ALASKA. <AEIC>. ML 3.4 (AEIC).
	29	20	00	47.4?	30.43	S	68.67	W	33 N			1.2	8	SAN JUAN PROVINCE, ARGENTINA
	29	20	18	40.1&	33.351	N	116.441	W	7				8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	29	20	47	33.5*	53.715	N	167.099	W	33 N	4.1		0.8	9	FOX ISLANDS, ALEUTIAN ISLANDS
	29	21	12	05.2	39.814	N	24.376	E	10 G			0.8	11	AEGEAN SEA. MD 2.8 (THE).
	29	21	51	06.0	44.490	N	10.970	E	10 G			0.8	25	NORTHERN ITALY. ML 2.8 (LDG). MD 2.8 (FIR).
	29	21	54	23.9?	44.23	N	11.02	E	10 G			0.2	4	NORTHERN ITALY
	29	21	59	12.4	36.949	N	28.766	E	7			0.9	24	DODECANESE ISLANDS. MD 4.0 (ATH), 3.9 (HLW). ML 3.8 (CSS).
	29	22	17	01.1?	35.82	S	178.63	E	229 ?	3.8		0.5	10	OFF E. COAST OF N. ISLAND, N.Z.
	29	22	24	00.3?	6.02	S	151.49	E	41 ?	4.8		1.2	7	NEW BRITAIN REGION, P.N.G.
	29	22	24	09.5	37.130	N	117.287	W	5 G			0.9	19	CALIFORNIA-NEVADA BORDER REGION. ML 3.6 (GS). Felt at Amargosa Valley, Nevada.
	29	22	50	28.6	37.112	N	28.861	E	10 G			0.8	15	TURKEY. MD 4.0 (ATH). ML 3.8 (CSS).
	29	22	52	47.6?	44.37	N	7.25	E	10 G			0.2	4	NORTHERN ITALY. ML 1.2 (GEN).
	29	23	35	34.4	39.715	N	143.359	E	28 D	5.1	4.5	0.9	150	OFF EAST COAST OF HONSHU, JAPAN
	30	00	09	15.6?	10.73	N	61.83	W	10 G			1.5	4	TRINIDAD. MD 3.2 (TRN).
	30	00	15	04.5	43.509	N	0.609	W	13			1.0	52	PYRENEES. ML 4.0 (LDG). mbLg 3.4 (MDD). Felt (IV) in the Lacq oilfield area, France.
	30	00	21	40.4?	18.80	N	145.66	E	93 ?	4.9		0.7	11	MARIANA ISLANDS
	30	02	04	01.8	39.575	N	143.610	E	40	4.7		0.9	21	OFF EAST COAST OF HONSHU, JAPAN
	30	02	15	20.0%	34.194	S	70.415	W	110 G			0.5	11	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	30	02	44	51.1?	18.17	N	67.86	W	100 G			0.4	7	MONA PASSAGE
	30	03	53	07.8*	39.702	N	23.771	E	10 G			0.3	9	AEGEAN SEA. MD 2.3 (THE).
	30	04	11	00.9?	15.30	S	70.72	W	213 ?	4.2		0.7	6	SOUTHERN PERU
	30	05	24	52.6?	39.06	N	27.93	E	10 G			0.6	4	TURKEY
	30	05	39	04.2	51.159	N	5.888	E	10 G			0.4	9	THE NETHERLANDS. ML 3.3 (LDG), 2.9 (BNS). MD 2.9 (UCC).
	30	07	21	46.7?	51.38	N	16.06	E	10 G			0.6	5	POLAND
	30	07	40	15.3&	34.394	N	116.457	W	4				10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.0 (GS).

	30	08	10	38.0&	32.599	N	115.613	W	16			4	CALIF -BAJA CALIF. BORDER REGION <PAS-P>. ML 2.8 (PAS).
	30	08	23	22.8?	42.61	N	2.95	E	10 G		0.9	5	PYRENEES. ML 1.7 (STR)
f	30	08	24	46.6	29 584	N	90.163	E	14 G	5.9 5.8	1.2	360	XIJANG. Depth from broodbond dispslocement seismogroms.
	30	09	03	49.7%	43.873	N	10.559	E	10 G		0.4	6	CENTRAL ITALY
	30	09	07	39.1*	29.899	N	90.272	E	33 N	4.2	0.6	8	XIJANG
	30	09	14	24.2?	26.54	N	92.22	E	33 N	4.0	1.4	7	NORTHEASTERN INDIA
	30	09	33	52.3*	30.346	N	90.282	E	33 N		0.6	6	XIJANG
	30	10	16	49.7?	31.94	S	69.53	W	120 G		0.2	6	SAN JUAN PROVINCE, ARGENTINA
	30	10	26	31.8	41.572	S	172.998	E	108 ?		0.7	17	SOUTH ISLAND, NEW ZEALAND
	30	11	16	36.8	35.477	N	136.485	E	36 D	4.9 4.3	1.1	66	WESTERN HONSHU, JAPAN
	30	11	24	34.2?	41.44	N	2.07	E	10 G		0.5	5	SPAIN. ML 1.3 (STR)
	30	11	30	11.5%	44.289	N	7.410	E	10 G		0.3	8	NORTHERN ITALY. ML 1.8 (GEN).
	30	11	31	41.4	38.079	N	27.038	E	10 G		0.4	6	TURKEY
	30	13	02	12.2%	44.392	N	7.421	E	10 G		0.3	8	NORTHERN ITALY. ML 1 6 (GEN).
	30	13	02	51.1*	22.009	S	68.575	W	141 *		0.8	6	NORTHERN CHILE
a	30	13	14	51.6*	50.357	S	72.095	W	10 G	5.4 5.5	1.1	49	S. CHILE-ARGENTINA BORDER REGION. Felt (IV) at Puerto Notoles, Chile. Also felt at Rio Turbio, 28 de Noviembre, El Calafate and Rio Gallegos, Argentina.
	30	13	36	42.0*	29.769	N	90.308	E	33 N	4.4	0.7	8	XIJANG
	30	14	12	12.6	4.550	S	151.801	E	167	4.8	0.9	119	NEW BRITAIN REGION, P.N.G.
	30	14	40	55.8	24.705	N	99.779	W	10 G	4.3	1.3	17	CENTRAL MEXICO
	30	14	41	31.0*	23.515	N	121.550	E	15		0.6	7	TAIWAN
	30	15	19	48.8%	47.415	N	0.985	W	10 G		0.4	5	FRANCE. ML 2.3 (LDG).
	30	16	06	42.6	51.763	N	98.393	E	10 G	4.7	1.2	17	RUSSIA-MONGOLIA BORDER REGION
	30	17	13	47.8	31.816	S	67.754	W	10 G		0.6	8	SAN JUAN PROVINCE, ARGENTINA
	30	17	28	53.9?	30.00	N	90.36	E	33 N	4.5	1.1	7	XIJANG
	30	18	12	17.3*	37.568	S	178.303	E	76 ?		1.1	16	OFF E. COAST OF N. ISLAND, N.Z.
	30	18	50	18.1*	44.531	N	7.266	E	10 G		0.2	5	NORTHERN ITALY. ML 1.5 (GEN).
	30	19	01	19.4	38.945	N	29.745	E	10 G		0.8	6	TURKEY. MG 2.5 (DDA).
	30	19	06	04.1*	39.551	N	143.661	E	33 N	4.1	0.6	10	OFF EAST COAST OF HONSHU, JAPAN
	30	19	06	13.3	29.757	N	90.166	E	33 N	4.3	1.1	15	XIJANG
	30	19	14	56.2%	42.817	N	12.516	E	5 G		0.1	6	CENTRAL ITALY
	30	20	59	32.7%	39.838	N	20.580	E	10 G		1.0	9	GREECE-ALBANIA BORDER REGION. MD 2.4 (THE).
	30	20	59	51.8&	33.918	N	116.297	W	3			8	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	30	21	06	24.2&	34.125	N	116.412	W	1			5	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	30	21	08	20.9&	33.941	N	116.356	W	7			11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.1 (GS).
	30	21	21	39.7*	13.577	S	167.398	E	227 ?	4.8	1.0	53	VANUATU ISLANDS
	30	22	12	57.3	44.218	S	168.111	E	8	4.2	0.5	20	SOUTH ISLAND, NEW ZEALAND. ML 4.2 (WEL).
	30	22	26	04.2	49.167	N	7.023	E	10 G		0.8	10	GERMANY. ML 2.2 (STR).
	30	23	00	41.7	31.481	S	67.386	W	5 G	5.5	1.4	53	SAN JUAN PROVINCE, ARGENTINA. MD 5.2 (SAN). Felt (III) at Mendoza, Mendoza Province.
	30	23	26	04.2*	7.147	S	147.636	E	33 N	4.6	0.6	5	EASTERN NEW GUINEA REG., P.N.G. ML 4.4 (PMG).
	31	00	27	51.2%	44.542	N	7.505	E	10 G		0.9	8	NORTHERN ITALY. ML 1.9 (GEN).
	31	00	28	54.9?	18.06	N	67.28	W	110 G		0.3	8	MONA PASSAGE
	31	01	28	19.5	40.612	S	173.846	E	136 *		0.8	27	COOK STRAIT, NEW ZEALAND
	31	02	27	36.8*	4.882	S	152.471	E	72 *	4.4	1.3	11	NEW BRITAIN REGION, P.N.G.
	31	02	43	45.4?	26.81	N	54.04	E	61 *	4.2	0.6	29	SOUTHERN IRAN
	31	02	52	26.1%	40.364	N	22.876	E	10 G		0.4	8	GREECE. MD 1.5 (THE).
	31	03	06	54.7	39.491	N	143.771	E	28	3.9	0.7	16	OFF EAST COAST OF HONSHU, JAPAN
	31	03	56	38.3	4.928	N	123.042	E	603 *	4.6	0.4	11	CELEBES SEA
	31	04	34	35.1*	25.050	S	27.311	E	5 G		1.3	7	REPUBLIC OF SOUTH AFRICA. mbLg 3.0 (BUL).
	31	06	03	14.3&	35.760	N	117.620	W	13			14	CENTRAL CALIFORNIA. <PAS-P>. ML 3.6 (PAS), 3.2 (GS).
	31	06	20	19.3&	34.040	N	116.354	W	1			9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	31	06	22	17.6	10.143	N	126.247	E	51 *	4.8 3.8	1.0	35	PHILIPPINE ISLANDS REGION
	31	06	39	28.5%	44.132	N	8.547	E	10 G		0.4	8	NORTHERN ITALY. ML 2.2 (GEN).
	31	08	48	46.9&	35.393	N	117.728	W	9			12	CENTRAL CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.0 (GS).
	31	10	51	25.9&	34.129	N	116.875	W	6			9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.3 (GS).
	31	11	02	23.7?	51.58	N	16.35	E	10 G		0.4	8	POLAND
	31	11	29	54.1&	34.444	N	116.455	W	4			12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.2 (GS).
	31	11	36	12.4%	39.831	N	24.425	E	10 G		0.5	7	AEGEAN SEA. MD 2.6 (THE).
	31	11	36	40.1	39.899	N	24.557	E	10 G		1.3	18	AEGEAN SEA. ML 3.9 (ATH). MD 3.5 (THE).
	31	11	43	34.1	39.622	N	143.583	E	38 *	4.1	1.0	20	OFF EAST COAST OF HONSHU, JAPAN
	31	12	21	28.4?	30.33	S	68.99	W	133 ?		1.0	13	SAN JUAN PROVINCE, ARGENTINA. MD 4.3 (SAN).
	31	13	03	55.9	31.767	S	67.557	W	5 G	5.2 4.0	1.1	53	SAN JUAN PROVINCE, ARGENTINA. Felt (III) at Mendoza, Mendoza Province.
	31	13	19	53.5*	5.450	N	126.394	E	33 N	4.6	0.3	10	MINDANAO, PHILIPPINE ISLANDS
	31	13	35	24.1%	60.902	N	6.003	E	10 G		0.6	7	SOUTHERN NORWAY. MD 1.5 (BER).
a	31	14	02	54.3	10.133	N	126.232	E	48 D	5.3 5.1	1.1	122	PHILIPPINE ISLANDS REGION
	31	14	11	21.2	40.645	S	176.210	E	38 D	5.1	1.3	62	NORTH ISLAND, NEW ZEALAND
	31	14	27	29.1&	34.938	N	116.924	W	0			9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 2.6 (GS).
	31	14	44	41.1?	10.23	N	126.43	E	33 N	4.7	1.5	5	PHILIPPINE ISLANDS REGION
	31	16	31	01.8&	34.337	N	116.898	W	1			12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.6 (PAS), 3.6 (GS). Felt (V) at Angelus Oaks; (IV) at Fownskin, India and Newberry Springs; (III) at Apple Valley.
	31	16	38	11.6?	44.43	N	152.36	E	33 N	4.1	1.4	4	EAST OF KURIL ISLANDS
	31	16	42	29.8&	62.718	N	141.758	W	24			16	CENTRAL ALASKA. <AEIC>. ML 2.5 (AEIC).
	31	16	54	41.9?	16.35	N	61.16	W	33 N		0.1	5	LEEWARD ISLANDS. ML 2.6 (FDF).
	31	16	58	52.6*	35.657	N	4.468	W	33 N		1.2	11	STRAIT OF GIBRALTAR. mbLg 3.1 (MDD).
	31	17	02	41.4?	36.16	N	3.01	W	10 G		0.5	4	STRAIT OF GIBRALTAR. mbLg 2.8 (MDD).
	31	17	07	54.2&	63.339	N	151.278	W	18	4.0		87	CENTRAL ALASKA. <AEIC>. ML 4.1 (AEIC), 4.3 (PMR). Felt (II) at Denali National Park.
	31	18	03	52.4&	34.099	N	116.419	W	0			16	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.7 (PAS), 3.9 (GS). Felt (IV) at Indio, Pioneertown and Thousand Palms. Felt (III) at Newberry Springs.
	31	18	21	18.7&	34.104	N	116.420	W	0			9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 2.8 (GS).
	31	18	32	47.7%	42.863	N	18.576	E	10 G		0 4	9	NORTHWESTERN BALKAN REGION. ML 1.7 (TTG).
	31	18	33	42.6?	4.06	S	143.00	E	146 ?	4.2	0.8	6	NEW GUINEA, PAPUA NEW GUINEA
	31	20	14	26.1	44.475	N	6.374	E	11		0.5	48	FRANCE ML 3.0 (LDG), 2.9 (GEN).
	31	21	16	04.6*	36.756	N	2.511	E	10 G		0.8	16	NORTHERN ALGERIA. mbLg 2.8 (MDD).
	31	21	31	22.3*	51.545	N	6.882	E	10 G		0.6	5	GERMANY
	31	22	05	15.7?	18.20	N	67.17	W	10 G		0.6	4	MONA PASSAGE
	31	22	35	22.4	42.359	N	19.808	E	10 G		0.7	16	NORTHWESTERN BALKAN REGION. ML 2.1 (TIR), 2.1 (TTG).

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31   22 37 16.9& 34.326 N  116.455 W    8                    9  SOUTHERN CALIFORNIA. <PAS-P>  ML 3.6 (PAS), 3.5 (GS).
31   23 13 19.6  34.873 N   26.591 E   61 *  3.7       1.2   29  CRETE  MD 4.4 (ATH).
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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

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01 17 00 51.39   7.184S 129.389E 138km
   5.6mb ( 49 obs.)
   BANDA SEA
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 24S, 35C
   Centroid Location:
   Origin Time        17:00:54.8 0.7
   Lat  7.21S 0.06 Lon 129.82E 0.06
   Dep 151.8 1.4 Half-duration  1.6
   Principal Axes:
     Scale 10**16 Nm
     T  Val=  9.47  Plg=62  Azm=300
     N       -2.00       25       90
     P       -7.47       12      186
   Best Double Couple:Mo=8.5*10**16
    NP1:Strike=304 Dip=39 Slip= 131
    NP2:        76      62       62

02 04 19 47.33  30.985N 141.344E  41km
   5.2mb ( 47 obs.)  4.5Msz (  5 obs.)
   SOUTH OF HONSHU, JAPAN
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 19S, 24C
   Centroid Location:
   Origin Time        04:19:48.2 0.9
   Lat 31.05N 0.14 Lon 141.56E 0.08
   Dep  16.3 3.8 Half-duration  1.8
   Principal Axes:
     Scale 10**16 Nm
     T  Val=  6.40  Plg=62  Azm=245
     N        0.11       6      347
     P       -6.51      27       80
   Best Double Couple:Mo=6.4*10**16
    NP1:Strike=184 Dip=19 Slip= 109
    NP2:       345      72       84

02 06 13 36.73  32.903S 178.592W  10km
   5.5mb ( 22 obs.)  5.4Msz ( 19 obs.)
   SOUTH OF KERMADEC ISLANDS
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 27S, 51C
   Centroid Location:
   Origin Time        06:13:42.3 0.4
   Lat 32.99S 0.04 Lon 178.06W 0.03
   Dep  15.0 FIX Half-duration  2.4
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  2.70  Plg=64  Azm=274
     N        0.36       5       14
     P       -3.06      26      106
   Best Double Couple:Mo=2.9*10**17
    NP1:Strike=207 Dip=20 Slip= 104
    NP2:        12      71       85

02 13 48 48.52   1.597N 126.859E  82km
   5.2mb ( 35 obs.)
   NORTHERN MOLUCCA SEA
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 22S, 36C
   Centroid Location:
   Origin Time        13:48:52.2 0.5
   Lat  1.56N 0.05 Lon 126.96E 0.06
   Dep  85.1 4.3 Half-duration  1.6
   Principal Axes:
     Scale 10**16 Nm
     T  Val=  9.09  Plg=45  Azm=270
     N        1.53      29       35
     P      -10.63      30      144
   Best Double Couple:Mo=9.9*10**16
    NP1:Strike=285 Dip=31 Slip= 163
    NP2:        30      81       60

02 23 32 03.76  34.843S  54.544E  10km
   5.3mb ( 33 obs.)  4.9Msz (  4 obs.)
   SOUTHWEST INDIAN RIDGE
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 15S, 21C
   Centroid Location:
   Origin Time        23:32: 9.3 0.9
   Lat 34.81S  FIX;Lon  54.54E  FIX
   Dep  15.0 FIX Half-duration  3.0
   Principal Axes:
     Scale 10**16 Nm
     T  Val=  6.86  Plg= 2  Azm=  4
     N       -1.25       3      274
     P       -5.60      86      124
   Best Double Couple:Mo=6.2*10**16
    NP1:Strike= 97 Dip=43 Slip= -85
    NP2:       270      47      -95

04 03 25 39.32  54.565N 161.627E  32km
   5.4mb ( 99 obs.)  4.6Msz ( 14 obs.)
   NEAR EAST COAST OF KAMCHATKA
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 25S, 40C
   Centroid Location:
   Origin Time        03:25:42.1 0.5
   Lat 54.08N 0.05 Lon 162.48E 0.06
   Dep  44.2 2.6 Half-duration  1.8
   Principal Axes:
     Scale 10**16 Nm
     T  Val=  9.14  Plg=73  Azm= 30
     N        1.75      17      215
     P      -10.89       1      125
   Best Double Couple:Mo=1.0*10**17
    NP1:Strike=198 Dip=46 Slip=  66
    NP2:        51      49      113

04 06 48 00.00  20.762S  68.711W 103km
   5.0mb ( 12 obs.)
   CHILE-BOLIVIA BORDER REGION
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 14S, 17C
   Centroid Location:
   Origin Time        06:48: 6.6 0.7
   Lat 21.18S 0.06 Lon  69.08W 0.13
   Dep 111.6 4.2 Half-duration  1.8
   Principal Axes:
     Scale 10**16 Nm
     T  Val=  7.05  Plg= 3  Azm= 58
     N       -1.35       4      327
     P       -5.70      85      189
   Best Double Couple:Mo=6.4*10**16
    NP1:Strike=152 Dip=42 Slip= -85
    NP2:       324      48      -95

05 01 49 56.17  13.314S 111.131W  10km
   5.2mb ( 16 obs.)  5.6Msz ( 25 obs.)
   CENTRAL EAST PACIFIC RISE
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 22S, 44C
   Centroid Location:
   Origin Time        01:50: 0.8 0.3
   Lat 13.58S 0.03 Lon 111.02W 0.03
   Dep  18.0 3.8 Half-duration  2.9
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  5.57  Plg= 0  Azm=145
     N       -0.47      90      180
     P       -5.09       0       55
   Best Double Couple:Mo=5.3*10**17
    NP1:Strike=190 Dip=90 Slip=-180
    NP2:       280      90        0

07 08 38 00.46   7.207S 149.301E  35km
   5.3mb ( 40 obs.)  5.0Msz ( 10 obs.)
   NEW BRITAIN REGION, P.N.G.
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 19S, 32C
   Centroid Location:
   Origin Time        08:38: 4.6 0.6
   Lat  7.57S 0.06 Lon 149.65E 0.07
   Dep  15.0 BDY Half-duration  1.4
   Principal Axes:
     Scale 10**16 Nm
     T  Val=  6.21  Plg=22  Azm=344
     N        1.65       1      253
     P       -7.86      68      160
   Best Double Couple:Mo=7.0*10**16
    NP1:Strike= 76 Dip=23 Slip= -87
    NP2:       253      67      -91

07 12 27 23.17   0.089S 123.814E 136km
   5.3mb ( 31 obs.)
   MINAHASSA PENINSULA, SULAWESI
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 10S, 12C
   Centroid Location:
   Origin Time        12:27:24.7 2.7
   Lat  0.13S 0.20 Lon 123.77E 0.18
   Dep 127.7 9.3 Half-duration  1.3
   Principal Axes:
     Scale 10**16 Nm
     T  Val=  3.96  Plg=58  Azm=196
     N       -0.28      11      305
     P       -3.68      29       42
   Best Double Couple:Mo=3.8*10**16
    NP1:Strike=161 Dip=19 Slip= 128
    NP2:       302      75       78

08 10 09 48.25  21.056N  93.686E  43km
   5.4mb (103 obs.)  4.8Msz ( 23 obs.)
   MYANMAR
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 26S, 35C
   Centroid Location:
   Origin Time        10:09:53.1 0.5
   Lat 21.07N 0.05 Lon  93.51E 0.03
   Dep  79.0 3.3 Half-duration  1.6
   Principal Axes:
     Scale 10**16 Nm
     T  Val=  7.83  Plg=13  Azm= 90
     N        0.34       8      358
     P       -8.17      75      237
   Best Double Couple:Mo=8.0*10**16
    NP1:Strike=191 Dip=33 Slip= -75
    NP2:       353      58     -100

08 16 04 42.13  50.258N 176.285W  33km
   5.2mb ( 73 obs.)  4.3Msz (  3 obs.)
   ANDREANOF ISLANDS, ALEUTIAN IS.
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.:  4S,  8C
   Centroid Location:
   Origin Time        16:04:42.0 4.3
   Lat 50.94N 0.31 Lon 176.40W 0.40
   Dep  15.0 FIX Half-duration  1.0
   Principal Axes:
     Scale 10**16 Nm
     T  Val=  4.12  Plg=10  Azm=181
     N        0.37      25       86
     P       -4.49      63      291
   Best Double Couple:Mo=4.3*10**16
    NP1:Strike=298 Dip=41 Slip= -51
    NP2:        70      59     -119

08 23 09 59.07   7.393N 126.815E  53km
   4.9mb ( 22 obs.)  4.3Msz (  5 obs.)
   MINDANAO, PHILIPPINE ISLANDS
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 22S, 34C
   Centroid Location:
   Origin Time        23:09:59.5 0.6
   Lat  6.95N 0.07 Lon 127.28E 0.08
   Dep  17.7 3.0 Half-duration  1.4
   Principal Axes:
     Scale 10**16 Nm
     T  Val=  7.08  Plg=72  Azm=255
     N        0.23       7        7
     P       -7.31      16       99
   Best Double Couple:Mo=7.2*10**16
    NP1:Strike=199 Dip=29 Slip= 104
    NP2:         3      62       82

09 01 43 57.60  34.239N 116.837W   0km
   5.6mb ( 91 obs.)  5.2Msz ( 30 obs.)
   SOUTHERN CALIFORNIA
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 17S, 31C
   Centroid Location:
   Origin Time        01:44: 6.3 0.5
   Lat 34.50N 0.07 Lon 116.72W 0.08
   Dep  15.0 FIX Half-duration  1.7
   Principal Axes:
     Scale 10**16 Nm
     T  Val= 10.88  Plg=57  Azm= 87
     N       -0.36      30      240
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    P       -10.52       13       337
  Best Double Couple:Mo=1.1*10**17
   NP1:Strike=101 Dip=42 Slip= 139
   NP2:        223      64        56

09 21 34 02.01  21.005N  89.973E  29km
  5.3mb ( 89 obs.)  4.6Msz ( 13 obs.)
  BANGLADESH
  CENTROID, MOMENT TENSOR     (HRV)
  Data Used: GDSN
  L.P.B.: 24S, 34C
  Centraid Location:
  Origin Time        21:34: 3.9 0.4
  Lat 20.96N 0.04 Lon  90.20E 0.04
  Dep  30.0 FIX Half-duration  2.0
  Principal Axes:
    Scale 10**16 Nm
    T  Val= 11.93  Plg=30  Azm=296
    N       -1.76       56       145
    P      -10.17       14        34
  Best Double Couple:Mo=1.1*10**17
   NP1:Strike= 79 Dip=59 Slip=  13
   NP2:        342      79       148

10 09 31 27.59  44.695N 149.482E  20km
  6.2mb (154 abs.)  6.5Msz ( 48 obs.)
  KURIL ISLANDS
  FAULT PLANE SOLUTION: P-Waves
   NP1:Strike= 35 Dip=70 Slip=  75
   NP2:        253      25       125
  Principal Axes:
    T                Plg=62  Azm=282
    P                    24      137
  Comment: The focal mechanism is
    moderately well controlled and
    corresponds ta reverse
    faulting with a moderate
    right-lateral strike-slip
    component. The preferred fault
    plane is NP2.
  RADIATED ENERGY
   No. af sta:  19  Focal mech.  F
   Energy        4.2±0.7*10**13 Nm
  MOMENT TENSOR SOLUTION
  Dep  20            No. of sta: 29
  Principal Axes:
    Scale 10**18 Nm
    T  Val=  6.10  Plg=55  Azm=292
    N        1.00       4        28
    P       -7.10      35       121
  Best Double Couple.Mo=6.6*10**18
   NP1:Strike=230 Dip=11 Slip= 112
   NP2:         27      80        86
  CENTROID, MOMENT TENSOR     (HRV)
  Data Used: GDSN
  L.P.B.: 37S, 97C  M.W.: 27S, 56C
  Centroid Location:
  Origin Time        09:31:36.3 0.1
  Lat 44.69N 0.01 Lan 149.68E 0.01
  Dep  30.8 BDY Half-duratian  7.1
  Principal Axes:
    Scale 10**18 Nm
    T  Val=  7.11  Plg=69  Azm=316
    N        0.57       1       224
    P       -7.68      21       133
  Best Double Couple:Mo=7.4*10**18
   NP1:Strike=221 Dip=24 Slip=  87
   NP2:         44      66        91

11 10 44 19.76  22.483S 178.413W 377km
  6.2mb ( 63 obs.)
  SOUTH OF FIJI ISLANDS
  FAULT PLANE SOLUTION: P-Woves
   NP1:Strike= 25 Dip=75 Slip= -60
   NP2:        139      33      -152
  Principal Axes:
    T                Plg=24  Azm= 92
    P                    51      329
  Comment: The focal mechanism is
    poorly controlled and
    corresponds to normal faulting
    with a large left-lateral
    strike-slip component. The
    preferred fault plane is NP1.
  RADIATED ENERGY
   No. of sta:  19  Focal mech.  F
   Energy        3.4±0.7*10**14 Nm
  MOMENT TENSOR SOLUTION
  Dep 383            No. of sta: 22
  Principal Axes:
    Scale 10**19 Nm
    T  Val=  6.74  Plg=28  Azm=104
    N       -0.02       12       200
    P       -6.72       59       310
  Best Double Couple:Mo=6.7*10**19
   NP1:Strike=165 Dip=20 Slip=-127
   NP2:         23      74       -78
  CENTROID, MOMENT TENSOR     (HRV)
  Data Used: GDSN
  L.P.B.: 40S, **C  M.W.: 35S, 86C
  Centroid Location:
  Origin Time        10:44:32.7 0.1
  Lot 22.45S 0.01 Lon 177.96W 0 01
  Dep 393.8 0.6 Half-duration 14.5
  Principal Axes:
    Scale 10**19 Nm
    T  Val=  7.32  Plg=31  Azm=109
    N        0.88       12       206
    P       -8.20       57       314
  Best Double Couple:Mo=7.8*10**19
   NP1:Strike=167 Dip=18 Slip=-131
   NP2:         29      77       -78

12 11 08 55.36  41.457N 142.031E  64km
  6.0mb (155 abs.)
  HOKKAIDO, JAPAN  REGION
  FAULT PLANE SOLUTION: P-Waves
   NP1:Strike= 30 Dip=66 Slip=  90
   NP2:        210      24       90
  Principal Axes:
    T                Plg=69  Azm=300
    P                    21      120
  Comment: The focal mechanism is
    moderately well controlled and
    corresponds to reverse
    faulting. The preferred fault
    plane is NP2.
  RADIATED ENERGY
   No. of sta:  18  Focal mech.  F
   Energy        1.4±0.3*10**13 Nm
  MOMENT TENSOR SOLUTION
  Dep  54            No. of sta: 28
  Principal Axes:
    Scale 10**18 Nm
    T  Val=  2.00  Plg=67  Azm=264
    N        0.00       13        27
    P       -2.00       19       122
  Best Dauble Couple:Mo=2.0*10**18
   NP1:Strike=233 Dip=29 Slip= 119
   NP2:         21      65        75
  CENTROID, MOMENT TENSOR     (HRV)
  Data Used: GDSN
  L.P.B.: 36S, 98C
  Centroid Locotian:
  Origin Time        11:0B:57.3 0.2
  Lat 41.24N 0.02 Lan 142.43E 0.02
  Dep  59.5 1.2 Half-duration  4.6
  Principal Axes:
    Scale 10**18 Nm
    T  Val=  2.10  Plg=72  Azm=291
    N        0.13       1        24
    P       -2.23      18       114
  Best Double Couple:Mo=2.2*10**18
   NP1:Strike=206 Dip=27 Slip=  92
   NP2:         24      63        89

12 13 14 15.13  44.534N 149.538E  54km
  5.6mb (110 obs.)
  KURIL ISLANDS
  CENTROID, MOMENT TENSOR     (HRV)
  Data Used: GDSN
  L.P.B.: 19S, 28C
  Centroid Locotian:
  Origin Time        13:14:15.0 0.8
  Lat 44.44N 0.09 Lon 150.13E 0.10
  Dep  37.7 6.6 Half-duration  1.8
  Principal Axes:
    Scale 10**17 Nm
    T  Val=  1.62  Plg=68  Azm=275
    N       -0.06       8        27
    P       -1.56      20       120
  Best Double Cauple:Mo=1.6*10**17
   NP1:Strike=225 Dip=26 Slip= 110
   NP2:         23      66        81

12 23 40 59.81   3.090N 122.005E 616km
  5.5mb ( 91 obs.)
  CELEBES SEA
  CENTROID, MOMENT TENSOR     (HRV)
  Dota Used: GDSN
  L.P.B.: 23S, 42C
  Centroid Location:
  Origin Time        23:41: 4.2 0.5
  Lat  3.26N 0.04 Lon 122.16E 0.03
  Dep 621.5 2.4 Half-duration  2.7
  Principal Axes:
    Scale 10**17 Nm
    T  Val=  5 26  Plg=57  Azm=114
    N       -0.15      20       350
    P       -5.11      25       250
  Best Double Cauple:Mo=5.2*10**17
   NP1:Strike=303 Dip=27 Slip=  40
   NP2:        176      73       111

13 14 19 05.77  41.498N 142.045E  68km
  5.1mb ( 75 obs.)
  HOKKAIDO, JAPAN  REGION
  CENTROID, MOMENT TENSOR     (HRV)
  Dota Used: GDSN
  L.P.B.: 23S, 41C
  Centroid Location:
  Origin Time        14:19: 9.1 0.3
  Lot 41.09N 0.04 Lon 142.29E 0.04
  Dep  59.0 2.6 Half-durotion  1.7
  Principal Axes:
    Scale 10**17 Nm
    T  Val=  1.30  Plg=70  Azm=251
    N        0.37      15        31
    P       -1.67      12       125
  Best Double Couple:Mo=1.5*10**17
   NP1:Strike=234 Dip=36 Slip= 117
   NP2:         22      59        72

13 15 34 04.58  51.171N 157.626E  45km
  5.7mb (127 obs.)  5.BMsz ( 43 obs.)
  NEAR EAST COAST OF KAMCHATKA
  FAULT PLANE SOLUTION: P-Waves
   NP1:Strike=  5 Dip=53 Slip=  46
   NP2:        243      55       133
  Principal Axes:
    T                Plg=56  Azm=213
    P                     1      304
  Comment: The focal mechanism is
    paarly cantrolled and
    corresponds ta reverse
    faulting with a lorge right-
    loterol strike-slip component.
    The preferred fault plone is
    NP2.
  RADIATED ENERGY
   No. of sta:  18  Facal mech.  M
   Energy        1.4±0.3*10**13 Nm
  MOMENT TENSOR SOLUTION
  Dep  37            No. of sta: 32
  Principal Axes:
    Scale 10**18 Nm
    T  Vol=  2.00  Plg=55  Azm=223
    N        0.00      35        48
    P       -2.00       2       316
  Best Double Couple:Mo=2.0*10**18
   NP1:Strike= 16 Dip=53 Slip=  44
   NP2:        255      56       134
  CENTROID, MOMENT TENSOR     (HRV)
  Dato Used: GDSN
  L.P.B.: 32S, 76C
  Centraid Locotion:
  Origin Time        15:34:10.5 0.2
  Lat 50.82N 0.03 Lon 158.24E 0.03
  Dep  55.6 1.4 Half-duration  4.3
  Principal Axes:
    Scale 10**18 Nm
    T  Val=  1.86  Plg=55  Azm=213
    N        0.22      35        26
    P       -2.08       3       118
  Best Double Cauple:Ma=2.0*10**18
   NP1:Strike=239 Dip=52 Slip= 137
   NP2:          0      57        47

13 18 11 33.71   3.919S  76.602W  97km
  6.1mb (112 obs.)
  NORTHERN PERU
  FAULT PLANE SOLUTION: P-Woves
   NP1:Strike= 10 Dip=64 Slip=  75
   NP2:        221      30       118
  Principal Axes:
    T                Plg=67  Azm=251
    P                    18      111
  Comment: The focal mechanism is
    moderotely well controlled ond
    corresponds to normol faulting
    with o moderate right-laterol
    strike-slip component. The
    preferred fault plone is NP1.
  RADIATED ENERGY
   No. of sta:  20  Focal mech.  M
   Energy        2.6±0.4*10**13 Nm
  MOMENT TENSOR SOLUTION
  Dep 101            No. of sta: 21
  Principal Axes:
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    Scale 10**18 Nm
    T  Val=  3.18  Plg= 0  Azm=261
    N       -0.02       6       171
    P       -3.16      84       352
  Best Double Couple.Mo=3.2*10**18
   NP1:Strike=356 Dip=45 Slip= -82
   NP2:        165      45       -98
  CENTROID, MOMENT TENSOR    (HRV)
  Data Used: GDSN
  L.P.B.: 34S, 84C  M.W.: 17S, 30C
  Centraid Location:
  Origin Time        18:11:40.8 0.2
  Lat  3.88S 0.02 Lon  76.72W 0.02
  Dep 115.4 0.6 Half-duration  6.0
  Principal Axes:
    Scale 10**18 Nm
    T  Val=  3.59  Plg= 3  Azm=284
    N        0.07       7       194
    P       -3.66      83        39
  Best Double Couple:Mo=3.6*10**18
   NP1:Strike= 21 Dip=42 Slip= -80
   NP2:        188      49       -99

14 07 03 09.57   4.725S 125.455E 465km
  5.5mb ( 70 obs.)
  BANDA SEA
  CENTROID, MOMENT TENSOR    (HRV)
  Data Used: GDSN
  L.P.B.: 29S, 61C
  Centraid Location:
  Origin Time        07:03:16.6 0.2
  Lat  4.39S 0.03 Lon 125.80E 0.03
  Dep 481.2 1.3 Half-duration  3.8
  Principal Axes:
    Scale 10**17 Nm
    T  Val= 13.65  Plg= 1  Azm=303
    N       -0.35      47        33
    P      -13.30      43       212
  Best Double Couple:Mo=1.3*10**18
   NP1:Strike=356 Dip=61 Slip=-147
   NP2:        249      62       -34

14 09 54 43.51  51.101N 157.815E  45km
  5.0mb ( 62 obs.)  4.3Msz ( 10 obs.)
  NEAR EAST COAST OF KAMCHATKA
  CENTROID, MOMENT TENSOR    (HRV)
  Data Used: GDSN
  L.P.B.: 15S, 21C
  Centraid Location:
  Origin Time        09:54:45.3 0.7
  Lat 50.67N 0.21 Lon 157.88E 0.16
  Dep  27.6 7.4 Half-duration  1.4
  Principal Axes:
    Scale 10**16 Nm
    T  Val=  6.77  Plg=51  Azm=329
    N       -1.09      21       210
    P       -5.68      31       107
  Best Double Couple:Mo=6.2*10**16
   NP1:Strike=149 Dip=24 Slip=  27
   NP2:         34      79       111

14 15 17 09.62  45.361N 151.063E  44km
  5.7mb ( 94 obs.)  5.4Msz ( 24 obs.)
  KURIL ISLANDS
  CENTROID, MOMENT TENSOR    (HRV)
  Data Used: GDSN
  L.P.B.: 29S, 57C
  Centraid Location:
  Origin Time        15:17: 9.8 0.4
  Lat 45.19N 0.04 Lon 151.83E 0.05
  Dep  17.0 BDY Half-duration  2.2
  Principal Axes:
    Scale 10**17 Nm
    T  Val=  2.06  Plg=68  Azm=267
    N        0.31      13        33
    P       -2.36      17       127
  Best Double Couple:Mo=2.2*10**17
   NP1:Strike=236 Dip=30 Slip= 117
   NP2:         26      63        75

14 22 24 20.26  56.364S  30.212W  33km
  5.1mb (  6 obs.)  4.8Msz (  2 obs.)
  SOUTH SANDWICH ISLANDS REGION
  CENTROID, MOMENT TENSOR    (HRV)
  Data Used: GDSN
  L.P.B.: 17S, 25C
  Centraid Location:
  Origin Time        22:24:21.9 0.4
  Lat 57.13S 0.10 Lon  30.64W 0.14
  Dep  20.5 6.0 Half-duration  1.5
  Principal Axes:
    Scale 10**16 Nm
    T  Val=  7.48  Plg=14  Azm=313
    N       -2.67      49       207
    P       -4.80      38        54
  Best Double Couple.Mo=6.1*10**16
   NP1:Strike= 87 Dip=53 Slip= -19
   NP2:        189      75      -141

15 06 34 16.58   1.331N 123.190E  44km
  5.1mb ( 15 obs.)  4.8Msz (  5 obs.)
  MINAHASSA PENINSULA, SULAWESI
  CENTROID, MOMENT TENSOR    (HRV)
  Data Used: GDSN
  L.P.B.: 25S, 39C
  Centraid Location:
  Origin Time        06:34:18.7 0.4
  Lat  1.63N 0.04 Lon 123.03E 0.04
  Dep  20.7 2.1 Half-duration  2.3
  Principal Axes:
    Scale 10**17 Nm
    T  Val=  2.83  Plg=56  Azm=242
    N       -0.24      19       121
    P       -2.59      27        21
  Best Double Couple:Mo=2.7*10**17
   NP1:Strike= 73 Dip=25 Slip=  39
   NP2:        307      75       110

15 18 04 19.43   8.774S 121.442E 130km
  5.7mb ( 80 obs.)
  FLORES REGION, INDONESIA
  FAULT PLANE SOLUTION: P-Waves
   NP1:Strike= 20 Dip=83 Slip= 135
   NP2:        117      45        10
  Principal Axes:
    T                Plg=36  Azm=328
    P                    24        77
  Comment: The focal mechanism is
    moderately well controlled and
    corresponds to reverse
    faulting with a large strike-
    slip component. The preferred
    fault plane is not determined.
  RADIATED ENERGY
   No. of sta:  12  Focal mech.  F
   Energy        2.4±0.6*10**12 Nm
  MOMENT TENSOR SOLUTION
  Dep 129            No. of sta: 15
  Principal Axes:
    Scale 10**17 Nm
    T  Val=  3.59  Plg=50  Azm=283
    N        0.10      10       181
    P       -3.70      38        83
  Best Double Couple:Mo=3.6*10**17
   NP1:Strike=123 Dip=11 Slip=  31
   NP2:          2      84       100
  CENTROID, MOMENT TENSOR    (HRV)
  Data Used: GDSN
  L.P.B.: 24S, 45C
  Centroid Location:
  Origin Time        18:04:23.8 0.4
  Lat  8.84S 0.04 Lon 121.38E 0.05
  Dep 130.3 1.8 Half-duration  2.5
  Principal Axes:
    Scale 10**17 Nm
    T  Val=  2.97  Plg=33  Azm=313
    N        0.71      34       196
    P       -3.68      38        74
  Best Double Couple:Mo=3.3*10**17
   NP1:Strike=100 Dip=34 Slip=  -5
   NP2:        194      87      -124

16 00 00 41.14  39.354N 143.225E  31km
  5.6mb ( 95 obs.)  5.8Msz ( 35 obs.)
  OFF EAST COAST OF HONSHU, JAPAN
  CENTROID, MOMENT TENSOR    (HRV)
  Data Used: GDSN
  L.P.B.: 29S, 65C
  Centraid Location:
  Origin Time        00:00:43.9 0.2
  Lat 39.41N 0.03 Lon 143.49E 0.04
  Dep  18.6 1.6 Half-duration  3.6
  Principal Axes:
    Scale 10**17 Nm
    T  Val=  8.38  Plg=59  Azm=306
    N        0.23       5       206
    P       -8.61      30       113
  Best Double Couple:Mo=8.5*10**17
   NP1:Strike=187 Dip=16 Slip=  70
   NP2:         28      75        96

16 06 35 38.43   4.522S 106.042W  10km
  5.1mb ( 22 obs.)  5.3Msz ( 20 obs.)
  CENTRAL EAST PACIFIC RISE
  CENTROID, MOMENT TENSOR    (HRV)
  Data Used: GDSN
  L.P.B.  35S, 81C
  Centraid Location:
  Origin Time        06:35:43.6 0.2
  Lat  4.59S 0.02 Lon 105.93W 0.03
  Dep  15.0 FIX Half-duration  3.0
  Principal Axes:
    Scale 10**17 Nm
    T  Val=  6.23  Plg=21  Azm=321
    N        0.40      56       196
    P       -6.63      25        61
  Best Double Couple:Mo=6.4*10**17
   NP1:Strike=100 Dip=56 Slip=  -3
   NP2:        192      87      -146

17 04 11 39.85  44.825N 150.168E  46km
  5.7mb (113 obs.)
  EAST OF KURIL ISLANDS
  FAULT PLANE SOLUTION: P-Waves
   NP1:Strike= 28 Dip=72 Slip=  90
   NP2:        208      18        90
  Principal Axes:
    T                Plg=63  Azm=298
    P                    27       118
  Comment: The focal mechanism is
    poorly controlled and
    corresponds to reverse
    faulting. The preferred fault
    plane is NP2.
  RADIATED ENERGY
   No. of sta:   8  Focal mech.  F
   Energy        1.1±0.3*10**12 Nm
  MOMENT TENSOR SOLUTION
  Dep  19            No. of sta: 14
  Principal Axes:
    Scale 10**17 Nm
    T  Val=  1.12  Plg=42  Azm=342
    N        0.01      44       193
    P       -1.12      16        87
  Best Double Couple:Mo=1.1*10**17
   NP1:Strike=134 Dip=48 Slip=  21
   NP2:         29      74       136
  CENTROID, MOMENT TENSOR    (HRV)
  Data Used: GDSN
  L.P.B.: 18S, 25C
  Centraid Location:
  Origin Time        04:11:37.7 0.7
  Lat 44.77N 0.10 Lon 150.16E 0.12
  Dep  24.9 3.7 Half-duration  1.7
  Principal Axes:
    Scale 10**16 Nm
    T  Val= 10.94  Plg=54  Azm=293
    N        0.34       3        28
    P      -11.28      36       120
  Best Double Couple:Mo=1.1*10**17
   NP1:Strike=229 Dip=10 Slip= 111
   NP2:         27      81        86

17 04 19 28.65  44.809N 150.286E  19km
  5.9mb (123 obs.)  5.5Msz ( 19 obs.)
  EAST OF KURIL ISLANDS
  CENTROID, MOMENT TENSOR    (HRV)
  Data Used: GDSN
  L.P.B.: 18S, 29C
  Centraid Location:
  Origin Time        04:19:33.8 0.6
  Lat 44.79N  FIX;Lon 150.35E  FIX
  Dep  15.0 FIX Half-duration  2.1
  Principal Axes:
    Scale 10**17 Nm
    T  Val=  3.29  Plg=60  Azm=309
    N       -0.15       7        51
    P       -3.14      29       145
  Best Double Couple:Mo=3.2*10**17
   NP1:Strike=254 Dip=17 Slip= 114
   NP2:         49      74        83

17 11 03 02.50  60.890N 167.312E  27km
  5.4mb ( 84 obs.)  4.8Msz ( 17 obs.)
  EASTERN SIBERIA, RUSSIA
  CENTROID, MOMENT TENSOR    (HRV)
  Data Used: GDSN
  L.P.B.: 25S, 41C
  Centraid Location:
  Origin Time        11:03: 4.3 0.3
  Lat 60.52N 0.10 Lon 167.35E 0.08
  Dep  24.8 3.9 Half-duration  2.0
  Principal Axes:
    Scale 10**16 Nm
    T  Val=  8.19  Plg=40  Azm=182
    N        1.84      44        37
    P      -10.03      19       288
  Best Double Couple:Mo=9.1*10**16
   NP1:Strike=333 Dip=47 Slip=  18
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    NP2:        230      77       136

17 18 46 00.40  10.380S  78.550W  45km
   5.5mb ( 50 obs.)  5.4Msz ( 26 obs.)
   NEAR COAST OF PERU
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 35S, 73C
   Centraid Lacatian:
   Origin Time        18:46: 7.1 0.2
   Lat 10.33S 0.02 Lan  78.88W 0.03
   Dep  44.0 FIX Half-duration  2.0
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  6.04  Plg=63  Azm=216
     N       -0.45      12       330
     P       -5.60      24        66
   Best Double Couple:Mo=5.8*10**17
    NP1:Strike=179 Dip=24 Slip= 120
    NP2:        326      70        77

18 06 57 11.27  16.090S 177.456W 431km
   5.3mb ( 39 obs.)
   FIJI ISLANDS REGION
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 27S, 54C
   Centraid Lacatian:
   Origin Time        06:57:15.7 0.3
   Lat 15.73S 0.03 Lan 177.24W 0.03
   Dep 430.5 1.6 Half-duratian  2.6
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  2.13  Plg=76  Azm= 46
     N        0.01       3       305
     P       -2.14      13       214
   Best Double Couple:Ma=2.1*10**17
    NP1:Strike=300 Dip=32 Slip=  85
    NP2:        126      58        93

18 08 20 00.11  39.410N 143.191E  22km
   5.5mb ( 85 obs.)  5.6Msz (  1 obs.)
   OFF EAST COAST OF HONSHU, JAPAN
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 25S, 51C
   Centraid Lacatian:
   Origin Time        08:20: 5.2 0.5
   Lat 39.45N 0.07 Lan 143.30E 0.08
   Dep  28.0 4.1 Half-duratian  3.1
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  4.91  Plg=59  Azm=306
     N        0.00       4       209
     P       -4.91      31       117
   Best Double Couple:Mo=4.9*10**17
    NP1:Strike=195 Dip=14 Slip=  75
    NP2:         30      76        94

18 08 36 58.70  39.419N 143.330E  29km
   6.2mb (135 obs.)  6.9Msz ( 36 obs.)
   OFF EAST COAST OF HONSHU, JAPAN
   FAULT PLANE SOLUTION: P-Waves
    NP1:Strike= 20 Dip=82 Slip=  90
    NP2:        200       8        90
   Principal Axes:
     T                Plg=53  Azm=290
     P                  37       110
   Comment: The focal mechanism is
     poorly contralled and
     correspands ta reverse
     faulting. The preferred fault
     plane is NP2.
   RADIATED ENERGY
    No. af sta:  18  Facal mech.  F
    Energy        2.2±0.4*10**14 Nm
   MOMENT TENSOR SOLUTION
   Dep  20            No. af sta: 31
   Principal Axes:
     Scale 10**19 Nm
     T  Val=  2.33  Plg=57  Azm=287
     N        0.02       0        17
     P       -2.35      33       107
   Best Double Couple:Ma=2.3*10**19
    NP1:Strike=197 Dip=12 Slip=  91
    NP2:         17      78        90
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 34S, 89C  M.W.: 21S, 49C
   Centroid Lacatian:
   Origin Time        08:37: 4.4 0.1
   Lat 39.47N 0.01 Lan 143.54E 0.01
   Dep  15.0 FIX Half-duratian 11.5
   Principal Axes:
     Scale 10**19 Nm
     T  Val=  2.74  Plg=55  Azm=298
     N       -0.03       4       203
     P       -2.71      35       110
   Best Double Cauple:Mo=2.7*10**19
    NP1:Strike=183 Dip=11 Slip=  70
    NP2:         23      80        94

18 10 20 11.94  39.436N 143.026E  27km
   6.1mb (134 obs.)  6.3Msz ( 32 obs.)
   OFF EAST COAST OF HONSHU, JAPAN
   RADIATED ENERGY
    No. of sta:   9  Facal mech.  C
    Energy        3.9±0.9*10**13 Nm
   CENTROID, MOMENT TENSOR     (HRV)
   Dota Used: GDSN
   L.P.B.: 25S, 55C  M.W.:  3S,  3C
   Centraid Lacatian:
   Origin Time        10:20:15.0 0.4
   Lat 39.13N 0.05 Lon 143.02E 0.07
   Dep  15.0 FIX Half-duratian  6.6
   Principal Axes:
     Scale 10**18 Nm
     T  Val=  4.66  Plg=54  Azm=266
     N       -0.40       7         5
     P       -4.26      35       100
   Best Double Cauple:Mo=4.5*10**18
    NP1:Strike=221 Dip=12 Slip= 127
    NP2:          4      81        83

18 12 02 40.67  39.164N 143.124E  25km
   5.5mb ( 88 obs.)  5.8Msz (  4 obs.)
   OFF EAST COAST OF HONSHU, JAPAN
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 16S, 24C
   Centraid Location:
   Origin Time        12:02:39.8 1.2
   Lat 38.61N 0.15 Lon 143.52E 0.17
   Dep  15.0 FIX Half-duration  2.9
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  5.69  Plg=62  Azm=257
     N        1.03      12        12
     P       -6.72      24       107
   Best Double Couple:Mo=6.2*10**17
    NP1:Strike=222 Dip=23 Slip= 122
    NP2:          7      71        77

18 13 56 54.48  39.480N 142.956E  27km
   5.8mb (106 obs.)  6.0Msz ( 31 obs.)
   NEAR EAST COAST OF HONSHU, JAPAN
   FAULT PLANE SOLUTION: P-Waves
    NP1:Strike= 30 Dip=85 Slip=  90
    NP2:        210       5        90
   Principal Axes:
     T                Plg=50  Azm=300
     P                  40       120
   Comment: The facal mechanism is
     paorly contralled and
     carrespands to reverse
     faulting. The preferred fault
     plane is NP2.
   RADIATED ENERGY
    No. af sta:  16  Facal mech.  M
    Energy        1.7±0.3*10**13 Nm
   MOMENT TENSOR SOLUTION
   Dep  15            No. af sta: 17
   Principal Axes:
     Scale 10**18 Nm
     T  Val=  1.54  Plg=49  Azm=323
     N       -0.10      20       209
     P       -1.43      34       105
   Best Double Couple.Ma=1.5*10**18
    NP1:Strike=142 Dip=21 Slip=  22
    NP2:         32      82       110
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 30S, 67C
   Centraid Location:
   Origin Time        13:56:58.2 0.3
   Lot 39.26N 0.04 Lon 143.15E 0.04
   Dep  28.6 1.7 Half-duration  3.4
   Principal Axes:
     Scale 10**17 Nm
     T  Val= 10.21  Plg=61  Azm=289
     N        1.10       1        20
     P      -11.31      29       110
   Best Double Cauple:Mo=1.1*10**18
    NP1:Strike=203 Dip=16 Slip=  93
    NP2:         20      74        89

18 15 31 41.22  22.723S 175.281W  25km
   5.4mb ( 29 obs.)  5.5Msz ( 14 abs.)
   TONGA ISLANDS REGION
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 34S, 67C
   Centroid Lacatian:
   Origin Time        15:31:44.1 0.4
   Lat 23.01S 0.05 Lan 174.35W 0.04
   Dep  15.0 FIX Half-duratian  2.5
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  3.84  Plg=66  Azm=29B
     N        0.39       1       205
     P       -4.23      24       115
   Best Dauble Couple:Mo=4.0*10**17
    NP1:Strike=203 Dip=21 Slip=  87
    NP2:         26      69        91

18 17 27 11.81  39.634N 143.155E  32km
   5.4mb ( 69 abs.)  5.1Msz (  9 obs.)
   OFF EAST COAST OF HONSHU, JAPAN
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 11S, 16C
   Centraid Location:
   Origin Time        17:27:15.7 0.9
   Lat 39.24N 0.10 Lan 142.95E 0.13
   Dep  17.1 7.1 Half-duratian  1.5
   Principal Axes:
     Scale 10**16 Nm
     T  Val= 12.11  Plg=59  Azm=307
     N       -0.59       0       217
     P      -11.52      31       127
   Best Dauble Couple:Ma=1.2*10**17
    NP1:Strike=216 Dip=14 Slip=  89
    NP2:         37      76        90

18 18 12 13.18  39.152N 143.150E  31km
   5.5mb ( 87 abs.)  5.2Msz ( 23 obs.)
   OFF EAST COAST OF HONSHU, JAPAN
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 28S, 49C
   Centraid Location:
   Origin Time        18:12:14.0 0.5
   Lat 38.92N 0.04 Lan 143.61E 0.05
   Dep  35.5 2.9 Half-duratian  2.1
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  1.71  Plg=65  Azm=308
     N        0.34       3       210
     P       -2.05      25       118
   Best Dauble Couple:Mo=1.9*10**17
    NP1:Strike=201 Dip=21 Slip=  80
    NP2:         31      70        94

18 20 55 12.24  39.611N 143.283E  25km
   5.6mb (108 obs.)  5.4Msz ( 21 obs.)
   OFF EAST COAST OF HONSHU, JAPAN
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 32S, 52C
   Centroid Locatlan:
   Origin Time        20:55:16.7 0.4
   Lat 39.39N 0.05 Lon 143.25E 0.05
   Dep  15.0 FIX Half-duration  2.5
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  2.81  Plg=58  Azm=293
     N        0.56       0        23
     P       -3.37      32       114
   Best Dauble Couple:Ma=3.1*10**17
    NP1:Strike=205 Dip=13 Slip=  92
    NP2:         23      77        90

18 21 18 57.48  39.324N 143.011E  37km
   5.6mb ( 98 obs.)  5.9Msz ( 25 obs.)
   OFF EAST COAST OF HONSHU, JAPAN
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 38S, 85C
   Centroid Location:
   Origin Time        21:19: 0.5 0.2
   Lat 39.07N 0.03 Lan 143.34E 0.03
   Dep  20.3 1.3 Half-duration  4.0
   Principal Axes:
     Scole 10**17 Nm
     T  Val= 11.01  Plg=63  Azm=288
     N        1.27       2        22
     P      -12.28      27       113
   Best Double Couple:Ma=1.2*10**18
    NP1:Strike=207 Dip=1B Slip=  96
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   NP2.          21      72          88

19 02 40 13.22   6 683S 147 533E  77km
   5.4mb ( 46 abs )
   EASTERN NEW GUINEA REG., P.N.G.
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used. GDSN
   L.P B.: 19S, 29C
   Centroid Location:
   Origin Time        02:40:19.4 1.0
   Lat  6 55S 0.07 Lon 147.61E 0.09
   Dep  86.6 4.1 Half-duration  1.9
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  1.46  Plg=25  Azm=  0
     N        -0.40       63       158
     P        -1.05        9       266
   Best Double Couple:Mo=1.3*10**17
    NP1:Strike= 40 Dip=66 Slip= 168
    NP2:        135      79        25

19 18 41 23.15  39.178N 143.294E  32km
   4.9mb ( 47 obs.)  4.9Msz (  9 abs.)
   OFF EAST COAST OF HONSHU, JAPAN
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 10S, 15C
   Centroid Location:
   Origin Time        18:41:30.4 1.4
   Lat 39.11N  FIX;Lon 143.37E  FIX
   Dep  15.0 FIX Half-duration  1.3
   Principal Axes:
     Scale 10**16 Nm
     T  Val=  7.27  Plg=55  Azm=342
     N         0.40       22       218
     P        -7.67       26       117
   Best Double Couple:Mo=7.5*10**16
    NP1:Strike=167 Dip=27 Slip=  35
    NP2:         44      75       113

20 07 46 46.74  78.562N   5.523E  10km
   5.7mb ( 84 abs.)  6.3Msz ( 37 abs.)
   SVALBARD REGION
   FAULT PLANE SOLUTION: P-Waves
    NP1:Strike=210 Dip=85 Slip=  -5
    NP2:        300      85      -175
   Principal Axes:
     T                 Plg= 0  Azm= 75
     P                      7       165
   Comment: The focal mechanism is
     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:  16  Focal mech.  F
    Energy        1.0±0.2*10**15 Nm
   MOMENT TENSOR SOLUTION
   Dep  22            No. of sta: 25
   Principal Axes:
     Scale 10**19 Nm
     T  Val=  1.01  Plg= 1  Azm= 86
     N         0.05       79       351
     P        -1.06       11       176
   Best Double Couple:Mo=1.0*10**19
    NP1:Strike=220 Dip=81 Slip=  -7
    NP2:        312      83      -171
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 34S, 89C  M.W.: 25S, 52C
   Centroid Location:
   Origin Time        07:46:59.9 0.1
   Lat 78.79N 0.01 Lon   3.80E 0.05
   Dep  15.0 FIX Half-duration  8.7
   Principal Axes:
     Scale 10**19 Nm
     T  Val=  1.44  Plg=14  Azm= 82
     N        -0.22       76       257
     P        -1.23        1       351
   Best Double Couple:Mo=1.3*10**19
    NP1:Strike=126 Dip=80 Slip= 171
    NP2:        217      81        11

21 00 00 26.96  39.212N 143.173E  25km
   5.2mb ( 75 abs.)  4.7Msz (  9 abs.)
   OFF EAST COAST OF HONSHU, JAPAN
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 11S, 16C
   Centroid Location:
   Origin Time        00:00:33.3 0.9
   Lat 39.17N  FIX;Lon 143.31E  FIX
   Dep  28.1 5.8 Half-duration  1.0
   Principal Axes.
     Scale 10**16 Nm
     T  Val=  2.51  Plg=81  Azm=261
     N         0.76        3        12
     P        -3.27        8       103
   Best Double Couple:Mo=2.9*10**16
    NP1:Strike=197 Dip=37 Slip=  96
    NP2:         10      54        86

21 06 57 51.90  22.869S 175.043W  33km
   5.4mb ( 31 obs.)  5.1Msz ( 19 abs.)
   TONGA ISLANDS REGION
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 25S, 34C
   Centroid Location:
   Origin Time        06:57:52.8 0.5
   Lat 23.10S 0.06 Lon 174.34W 0.04
   Dep  15.0 FIX Half-duration  1.7
   Principal Axes:
     Scale 10**16 Nm
     T  Val=  9.32  Plg=65  Azm=345
     N         0.33       18       210
     P        -9.65       17       114
   Best Double Couple:Mo=9.5*10**16
    NP1:Strike=179 Dip=33 Slip=  54
    NP2:         39      64       111

21 14 45 01.32   1.647N 126.995E  87km
   5.0mb ( 10 obs.)
   NORTHERN MOLUCCA SEA
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 13S, 21C
   Centroid Location:
   Origin Time        14:45: 5.3 0.6
   Lat  1.66N  FIX;Lon 126.98E  FIX
   Dep  88.0 FIX Half-duration  1.3
   Principal Axes:
     Scale 10**16 Nm
     T  Val=  4.72  Plg=32  Azm=265
     N         1.89       45        33
     P        -6.61       28       155
   Best Double Couple:Mo=5.7*10**16
    NP1:Strike=298 Dip=45 Slip= 177
    NP2:         30      88        45

21 15 31 58.25  17.455N  83.651W  10km
   5.1mb ( 39 obs.)  4.2Msz ( 12 obs.)
   CARIBBEAN SEA
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 17S, 20C
   Centroid Location:
   Origin Time        15:32: 3.6 0.9
   Lat 17.61N 0.08 Lon  83.84W 0.08
   Dep  15.0 FIX Half-duration  1.3
   Principal Axes:
     Scale 10**16 Nm
     T  Val=  5.20  Plg= 0  Azm=131
     N         2.18       90       180
     P        -7.38        0        41
   Best Double Couple:Mo=6.3*10**16
    NP1:Strike=176 Dip=90 Slip=-180
    NP2:        266      90         0

22 11 46 10.25   5.591S 154.107E  94km
   4.9mb ( 16 obs.)
   SOLOMON ISLANDS
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 24S, 29C
   Centroid Location:
   Origin Time        11:46: 8.8 0.6
   Lat  5.61S 0.08 Lon 153.84E 0.06
   Dep  34.9 5.8 Half-duration  1.2
   Principal Axes:
     Scale 10**16 Nm
     T  Val=  3.76  Plg=86  Azm=307
     N         0.10        3       153
     P        -3.86        2        63
   Best Double Couple:Mo=3.8*10**16
    NP1:Strike=149 Dip=44 Slip=  85
    NP2:        336      47        95

23 10 11 10.96  54.511S 143.744E  10km
   5.3mb ( 15 obs.)  5.5Msz ( 25 abs.)
   WEST OF MACQUARIE ISLAND
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 36S, 65C
   Centroid Location:
   Origin Time        10:11:15.0 0.3
   Lat 54.66S 0.03 Lon 143.91E 0.04
   Dep  15.0 FIX Half-duration  2.7
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  3.20  Plg= 0  Azm=223
     N        -0.44       90       180
     P        -2.75        0       133
   Best Double Couple:Mo=3.0*10**17
    NP1:Strike=268 Dip=90 Slip=-180
    NP2:        358      90         0

23 20 12 42.57  39.847N  24.390E   7km
   5.1mb ( 81 obs.)  5.1Msz ( 15 obs.)
   AEGEAN SEA
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 21S, 39C
   Centroid Location:
   Origin Time        20:12:50.4 0.5
   Lat 39.88N 0.05 Lon  24.68E 0.07
   Dep  15.0 FIX Half-duration  1.8
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  1.71  Plg=22  Azm=222
     N        -0.04       38       331
     P        -1.67       44       110
   Best Double Couple:Mo=1.7*10**17
    NP1:Strike=267 Dip=41 Slip=-160
    NP2:        161      77       -50

23 21 48 11.04  52.979N 158.772E 110km
   5.4mb ( 97 abs.)
   NEAR EAST COAST OF KAMCHATKA
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 28S, 44C
   Centroid Location:
   Origin Time        21:48:14.4 0.5
   Lat 52.95N 0.06 Lon 159.13E 0.06
   Dep 104.3 2.3 Half-duration  1.7
   Principal Axes:
     Scale 10**16 Nm
     T  Val= 10.15  Plg=18  Azm= 54
     N         1.22       55       171
     P       -11.37       29       313
   Best Double Couple:Mo=1.1*10**17
    NP1:Strike= 96 Dip=56 Slip=-171
    NP2:          1      83       -34

24 02 09 23.72   7.036S 149.932E  43km
   5.6mb ( 52 obs.)  5.5Msz ( 35 obs.)
   NEW BRITAIN REGION, P.N.G.
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 39S, 86C
   Centroid Location:
   Origin Time        02:09:27.2 0.2
   Lat  7.23S 0.03 Lon 150.35E 0.03
   Dep  15.0 BDY Half-duration  3.1
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  6.32  Plg=14  Azm=350
     N        -0.63        6       258
     P        -5.69       74       146
   Best Double Couple:Mo=6.0*10**17
    NP1:Strike= 88 Dip=31 Slip= -78
    NP2:        254      60       -97

24 11 51 34.51  39.471N 143.168E  33km
   4.9mb ( 47 abs.)  4.8Msz ( 16 abs.)
   OFF EAST COAST OF HONSHU, JAPAN
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 15S, 20C
   Centroid Location:
   Origin Time        11:51:38.4 0.8
   Lat 39.69N 0.14 Lon 143.13E 0.11
   Dep  17.5 4.8 Half-duration  1.6
   Principal Axes:
     Scale 10**16 Nm
     T  Val=  6.80  Plg=57  Azm=291
     N        -0.04        8       189
     P        -6.77       32        94
   Best Double Couple:Mo=6.8*10**16
    NP1:Strike=157 Dip=15 Slip=  57
    NP2:         11      78        98

24 14 26 57.09   7.009S 149.971E  36km
   5.2mb ( 26 abs.)  4.5Msz (  6 abs.)
   NEW BRITAIN REGION, P.N.G.
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
```

```
   L P B   17S, 24C
   Centroid Location:
   Origin Time        14:26:59.7 1.0
   Lat  7 43S 0 10 Lon 150 02E 0.12
   Dep  15.1 FIX Half-duration  1.2
   Principal Axes:
     Scale 10**16 Nm
     T  Val=  2 37  Plg= 4  Azm=351
     N        1 10      20       83
     P       -3 48      70      252
   Best Double Couple.Mo=2.9*10**16
    NP1.Strike= 61 Dip=45 Slip=-119
    NP2:        279      52      -64

24 18 15 21.96  11.894S 166.229E  58km
   5.3mb ( 18 obs.)
   SANTA CRUZ ISLANDS
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 27S, 53C
   Centroid Location:
   Origin Time        18:15:22.8 0.4
   Lat 12.12S 0.05 Lon 165.96E 0.05
   Dep  15.0 FIX Half-duration  2.3
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  1.91  Plg=72  Azm= 47
     N       -0.08       8      164
     P       -1.83      16      257
   Best Double Couple:Mo=1.9*10**17
    NP1:Strike=359 Dip=30 Slip= 107
    NP2:        159      61       80

24 20 47 34.77   1.641N 126.956E  79km
   5.1mb ( 25 obs.)
   NORTHERN MOLUCCA SEA
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 16S, 23C
   Centroid Location:
   Origin Time        20:47:43.0 1.2
   Lat  1.89N 0.10 Lon 126.87E 0.10
   Dep  53.5 7.2 Half-duration  1.3
   Principal Axes:
     Scale 10**16 Nm
     T  Val=  6.79  Plg=53  Azm=339
     N       -1.59      13      230
     P       -5.21      34      131
   Best Double Couple:Mo=6.0*10**16
    NP1:Strike=178 Dip=17 Slip=  36
    NP2:         53      80      104

25 02 53 28.33  38.731N 143.012E  17km
   5.9mb (124 obs.)  5.7Msz ( 25 obs.)
   OFF EAST COAST OF HONSHU, JAPAN
   FAULT PLANE SOLUTION: P-Waves
    NP1:Strike= 23 Dip=82 Slip=  90
    NP2:        203       8       90
   Principal Axes:
     T                Plg=53  Azm=293
     P                    37      113
   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        1.5±0.3*10**13 Nm
   MOMENT TENSOR SOLUTION
   Dep  15            No. of sta: 23
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  9.59  Plg=52  Azm=303
     N       -0.51      10      199
     P       -9.07      36      102
   Best Double Couple:Mo=9.3*10**17
    NP1:Strike=148 Dip=13 Slip=  38
    NP2:         21      82      100
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 35S, 76C
   Centroid Location:
   Origin Time        02:53:35.5 0.2
   Lat 38.84N 0.03 Lon 143.04E 0.03
   Dep  18.3 1.4 Half-duration  3.5
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  9.62  Plg=55  Azm=298
     N       -0.35       5      201
     P       -9.26      35      107
   Best Double Couple:Mo=9.4*10**17
    NP1:Strike=173 Dip=11 Slip=  62
    NP2:         21      80       95

25 09 12 19.15   0.461N  25.105W  10km
   5.2mb ( 52 obs.)  5.0Msz ( 25 obs.)
   CENTRAL MID-ATLANTIC RIDGE
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 29S, 53C
   Centroid Location:
   Origin Time        09:12:23.6 0.4
   Lat  0.29N 0.05 Lon  25.01W 0.04
   Dep  15.0 FIX Half-duration  2.1
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  2.29  Plg=12  Azm= 59
     N        0.17      19      324
     P       -2.46      67      180
   Best Double Couple:Mo=2.4*10**17
    NP1:Strike=171 Dip=37 Slip= -57
    NP2:        313      60     -112

27 06 25 43.54  56.841S 146.896E  33km
   5.1mb ( 11 obs.)  5.4Msz ( 18 obs.)
   WEST OF MACQUARIE ISLAND
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 26S, 52C
   Centroid Location:
   Origin Time        06:25:44.3 0.3
   Lat 57.33S 0.04 Lon 147.10E 0.06
   Dep  15.0 FIX Half-duration  2.5
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  4.51  Plg=24  Azm= 33
     N       -0.92      66      216
     P       -3.59       1      124
   Best Double Couple:Mo=4.1*10**17
    NP1:Strike=171 Dip=73 Slip=  16
    NP2:         76      74      162

27 19 34 09.21  51.516N 157.133E 108km
   5.2mb (106 obs.)
   NEAR EAST COAST OF KAMCHATKA
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 32S, 53C
   Centroid Location:
   Origin Time        19:34:10.4 0.2
   Lat 51.40N 0.02 Lon 157.35E 0.02
   Dep 101.2 1.2 Half-duration  2.1
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  4.33  Plg=47  Azm=138
     N       -0.71      41      340
     P       -3.61      11      240
   Best Double Couple:Mo=4.0*10**17
    NP1:Strike=292 Dip=49 Slip=  30
    NP2:        181      67      135

28 17 30 17.62   4.435S 127.496E 297km
   5.5mb ( 49 obs.)
   BANDA SEA
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 35S, 57C
   Centroid Location:
   Origin Time        17:30:23.1 0.3
   Lat  4.26S 0.03 Lon 127.56E 0.04
   Dep 309.3 1.5 Half-duration  2.2
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  2.65  Plg=25  Azm=164
     N        0.10      32       57
     P       -2.76      48      284
   Best Double Couple:Mo=2.7*10**17
    NP1:Strike=299 Dip=35 Slip= -24
    NP2:         49      77     -123

29 01 54 47.84  55.349S 128.438W  10km
   5.7mb (  5 obs.)  5.1Msz (  2 obs.)
   PACIFIC-ANTARCTIC RIDGE
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 19S, 32C
   Centroid Location:
   Origin Time        01:54:49.0 0.4
   Lat 55 52S 0.03 Lon 129.86W 0.06
   Dep  15.0 FIX Half-duration  2.3
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  2.42  Plg= 0  Azm=170
     N        0.29      90      180
     P       -2.71       0       80
   Best Double Couple:Mo=2.6*10**17
    NP1:Strike=215 Dip=90 Slip=-180
    NP2:        305      90        0

29 02 27 15.11  39.607N 143.282E  27km
   5.6mb ( 90 obs.)  5.2Msz ( 22 obs.)
   OFF EAST COAST OF HONSHU, JAPAN
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 16S, 24C
   Centroid Location:
   Origin Time        02:27:18.1 0.8
   Lat 39 59N 0.10 Lon 143.32E 0.11
   Dep  16.5 4.6 Half-duration  2.2
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  2.98  Plg=54  Azm=282
     N        0.69       3       15
     P       -3.67      36      107
   Best Double Couple:Mo=3.3*10**17
    NP1:Strike=213 Dip= 9 Slip= 108
    NP2:         15      81       87

29 04 30 47.72  39.495N 143.501E  16km
   5.9mb (124 obs.)  6.2Msz ( 36 obs.)
   OFF EAST COAST OF HONSHU, JAPAN
   FAULT PLANE SOLUTION: P-Waves
    NP1:Strike= 18 Dip=86 Slip=  90
    NP2:        198       4       90
   Principal Axes:
     T                Plg=49  Azm=288
     P                    41      108
   Comment: The focal mechanism is
     poorly controlled and
     corresponds to reverse
     faulting. The preferred fault
     plane is NP2.
   RADIATED ENERGY
    No. of sta:  19  Focal mech.  F
    Energy        1.8±0.4*10**13 Nm
   MOMENT TENSOR SOLUTION
   Dep  14            No. of sta: 26
   Principal Axes:
     Scale 10**18 Nm
     T  Val=  2.09  Plg=53  Azm=313
     N        1.11      22      191
     P       -3.19      28       89
   Best Double Couple:Mo=2.6*10**18
    NP1:Strike=136 Dip=26 Slip=  33
    NP2:         16      76      112
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 32S, 80C  M.W.: 13S, 17C
   Centroid Location:
   Origin Time        04:30:53.9 0.2
   Lat 39.72N 0.02 Lon 143.48E 0.01
   Dep  15.0 FIX Half-duration  4.7
   Principal Axes:
     Scale 10**18 Nm
     T  Val=  2.27  Plg=53  Azm=289
     N        0.11       1      198
     P       -2.38      37      107
   Best Double Couple:Mo=2.3*10**18
    NP1:Strike=191 Dip= 8 Slip=  83
    NP2:         18      82       91

29 09 51 57.44  32.727N 141.678E  35km
   5.0mb ( 44 obs.)  4.4Msz (  7 obs.)
   SOUTH OF HONSHU, JAPAN
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 11S, 16C
   Centroid Location:
   Origin Time        09:51:59.0 0.9
   Lat 32.77N  FIX;Lon 141.73E  FIX
   Dep  37.0 FIX Half-duration  1.3
   Principal Axes:
     Scale 10**16 Nm
     T  Val=  3.91  Plg=55  Azm=231
     N        0.57      25        3
     P       -4.48      23      104
   Best Double Couple:Mo=4.2*10**16
    NP1:Strike=232 Dip=31 Slip= 143
    NP2:        354      72       64

30 08 24 46.65  29.584N  90.163E  14km
   5.9mb (140 obs.)  5.8Msz ( 38 obs.)
   XIJANG
   FAULT PLANE SOLUTION: P-Waves
    NP1:Strike=100 Dip=62 Slip= -90
    NP2:        280      28      -90
   Principal Axes:
     T                Plg=17  Azm=190
```

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  P                    73        10
Comment  The focal mechanism is
  poorly controlled and
  corresponds to normal
  faulting. The preferred fault
  plane is not determined.
RADIATED ENERGY
 No. of sta:  12  Focal mech.  F
 Energy        1 2±0.3*10**13 Nm
MOMENT TENSOR SOLUTION
Dep  10            No. of sta: 16
Principal Axes:
  Scale 10**18 Nm
  T  Val=  1.66  Plg= 0  Azm=179
  N        0.00      19      269
  P       -1.66      71       88
Best Double Couple:Mo=1.7*10**18
 NP1:Strike=251 Dip=48 Slip=-116
 NP2:        107     48      -64
CENTROID, MOMENT TENSOR     (HRV)
Data Used: GDSN
L.P.B.: 25S, 51C
Centroid Location:
Origin Time        08:25: 0.4 0.4
  Lat 29.46N 0 06 Lon  90.30E 0 04
  Dep  15.0 FIX Half-duration  4 9
  Principal Axes:
    Scale 10**18 Nm
    T  Val=  1.90  Plg= 3  Azm=283
    N       -0.23       3       13
    P       -1.67      86      141
  Best Double Couple:Mo=1.8*10**18
   NP1:Strike= 10 Dip=42 Slip= -94
   NP2:        196     49      -86

30 13 14 51.60  50.357S  72.095W  10km
  5.4mb ( 15 abs.)  5.5Msz (  1 obs.)
  S. CHILE-ARGENTINA BORDER REGION
  CENTROID, MOMENT TENSOR     (HRV)
  Data Used: GDSN
  L.P.B.: 23S, 45C
  Centroid Location:
  Origin Time        13:14:57.4 0.2
  Lat 51.12S 0.04 Lon  72.59W 0.05
  Dep  15.0 FIX Half-duration  2.0
  Principal Axes:
    Scale 10**17 Nm
    T  Val=  2.00  Plg=66  Azm= 76
    N        0 04      10      189
    P       -2 05      22      283
  Best Double Couple.Mo=2.0*10**17
   NP1 Strike= 31 Dip=25 Slip= 114
   NP2         184     67       79

31 14 02 54.34  10.133N 126.232E  48km
  5 3mb ( 54 obs )  5 1Msz ( 16 obs.)
  PHILIPPINE ISLANDS REGION
  CENTROID, MOMENT TENSOR     (HRV)
  Data Used: GDSN
  L.P.B.: 27S, 49C
  Centroid Location:
  Origin Time        14:02:54.3 0.5
  Lat 10.09N  FIX;Lon 126.29E  FIX
  Dep  18.1 2.4 Half-duration  2.0
  Principal Axes:
    Scale 10**17 Nm
    T  Val=  1.41  Plg=82  Azm=243
    N       -0.44       0      336
    P       -0.98       8       66
  Best Double Couple:Mo=1.2*10**17
   NP1:Strike=156 Dip=37 Slip=  91
   NP2:        335     53       90
```
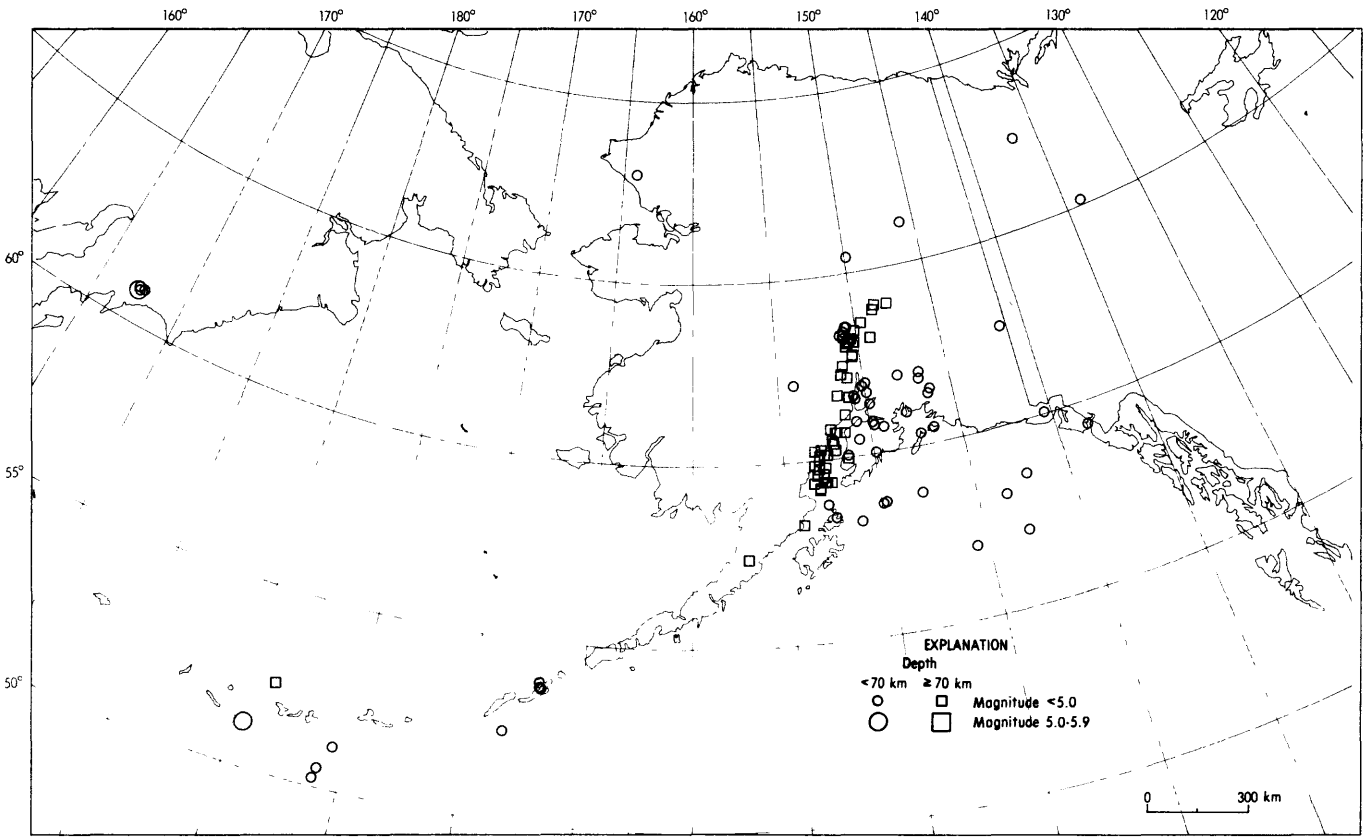
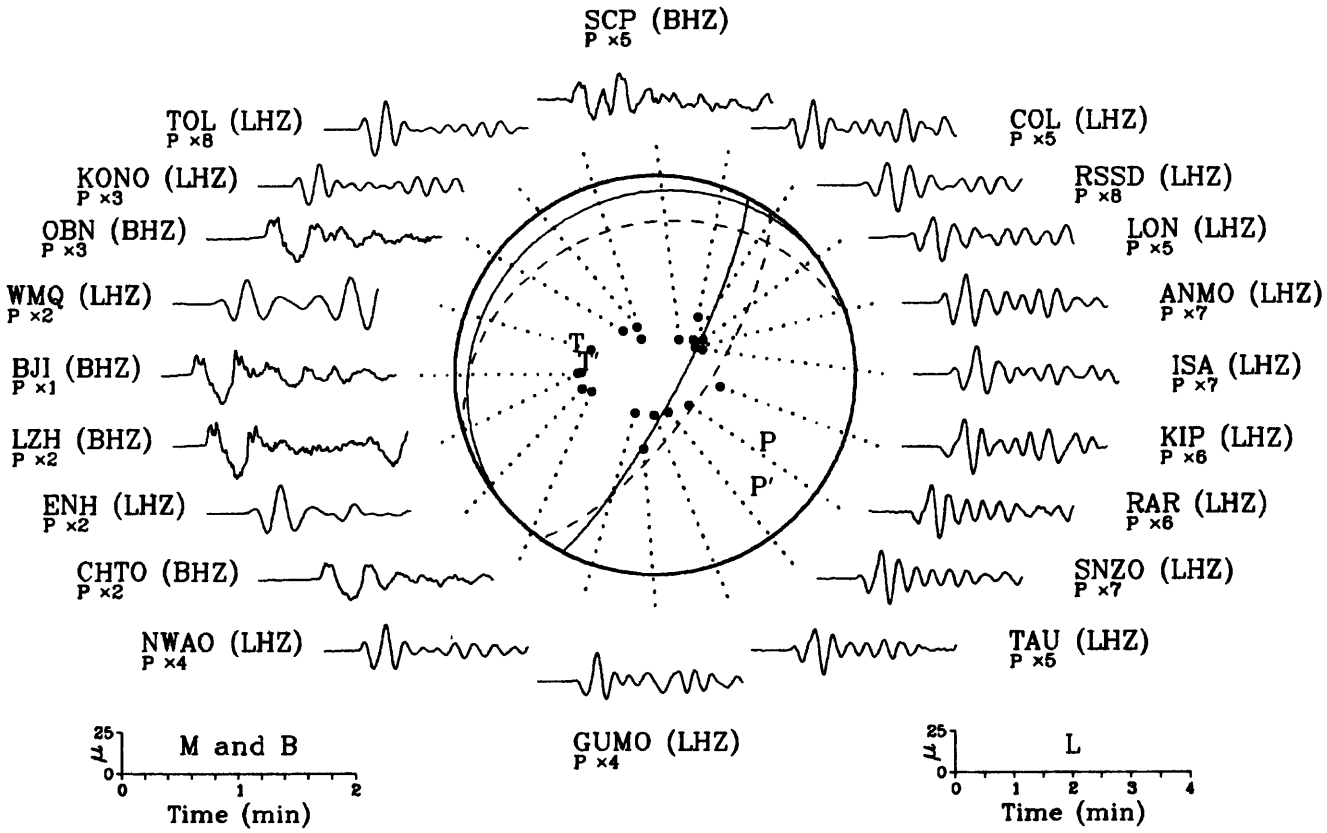

Compiled by Pingsheng Chang, Willis S. Jacobs, Stuart K. Kayanagi, Christina K. Lavonne, John H. Minsch, Russell E. Needham, Waverly J. Person, Bruce W. Presgrave and William H. Schmieder.

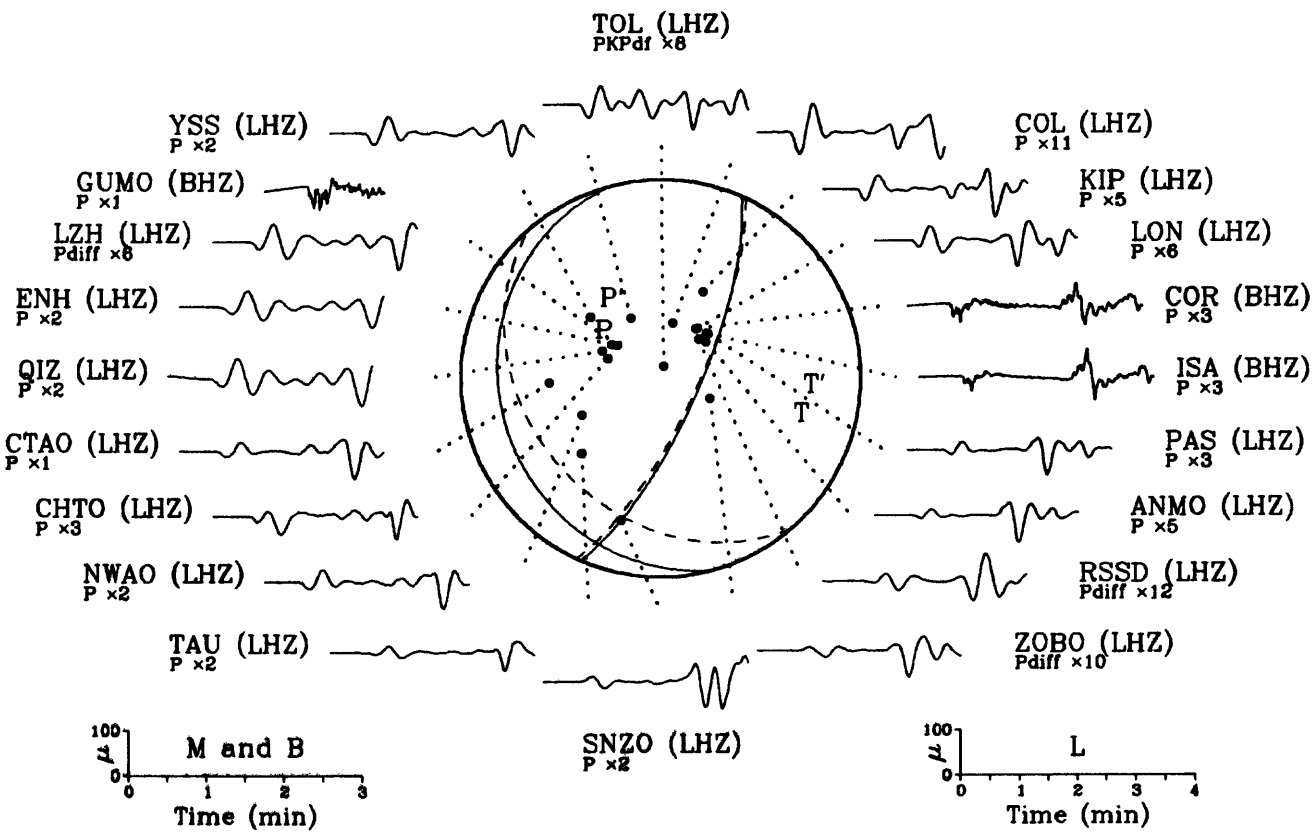


Earthquake epicenters in Alaska and adjacent regions for July, 1992 (C. Stover).

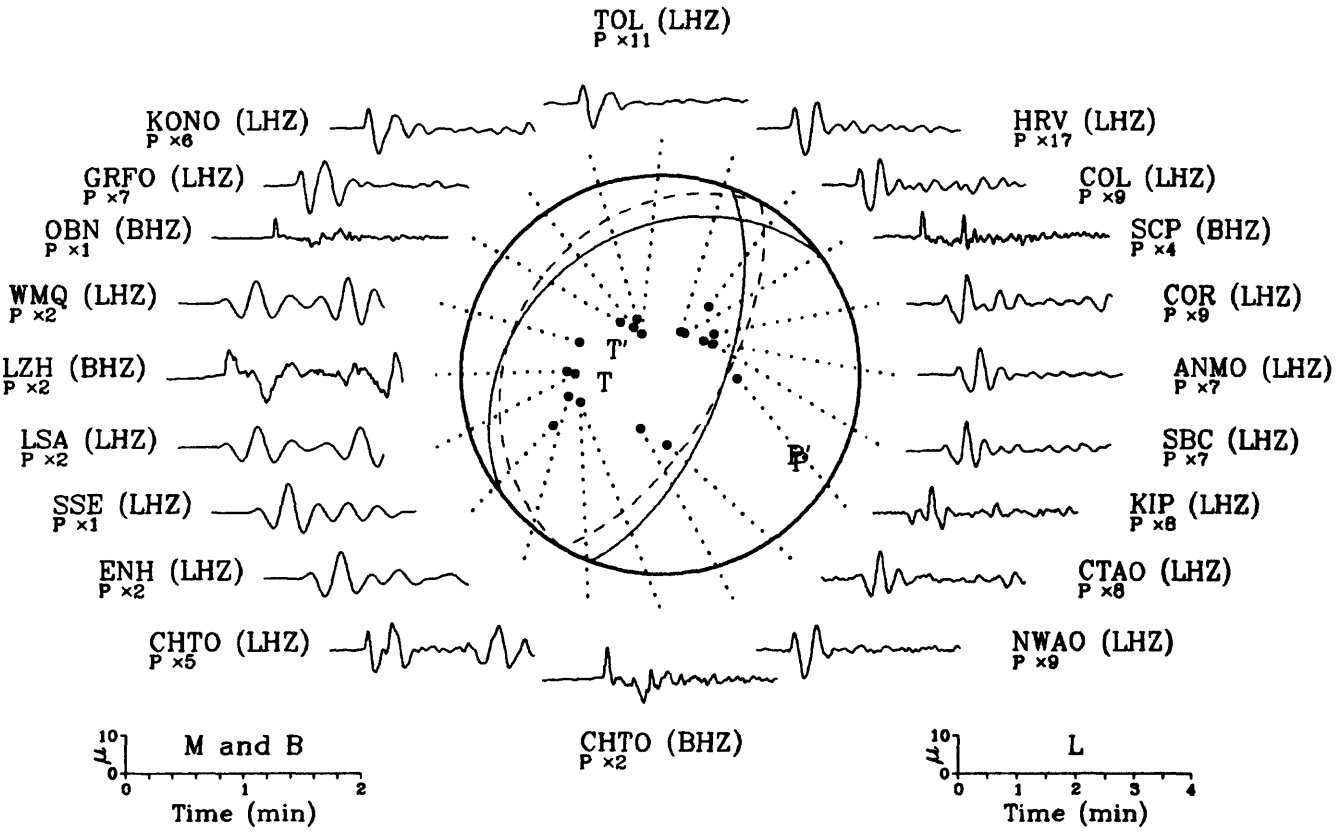
10 July 1992 09:31:27.59
Kuril Islands



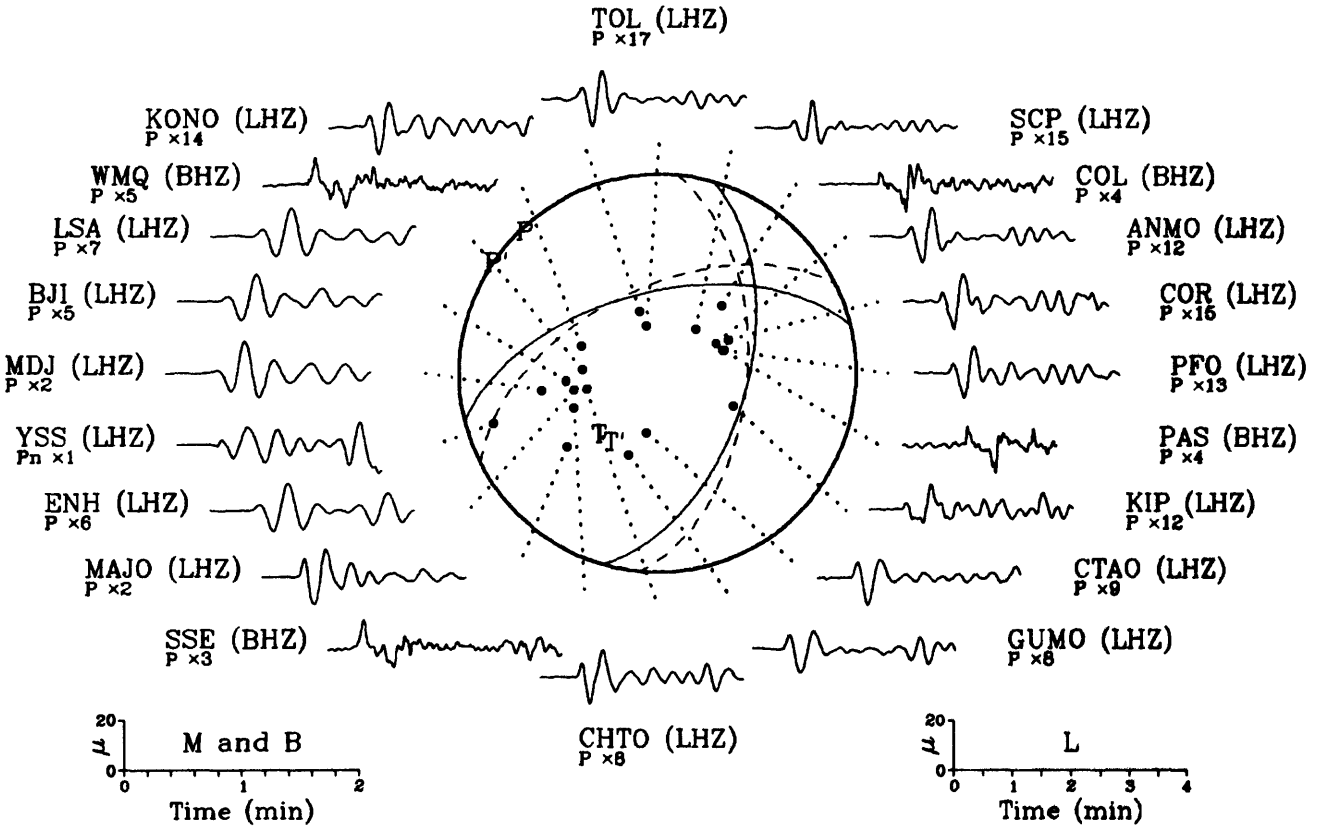
11 July 1992 10:44:19.76
South of Fiji Islands



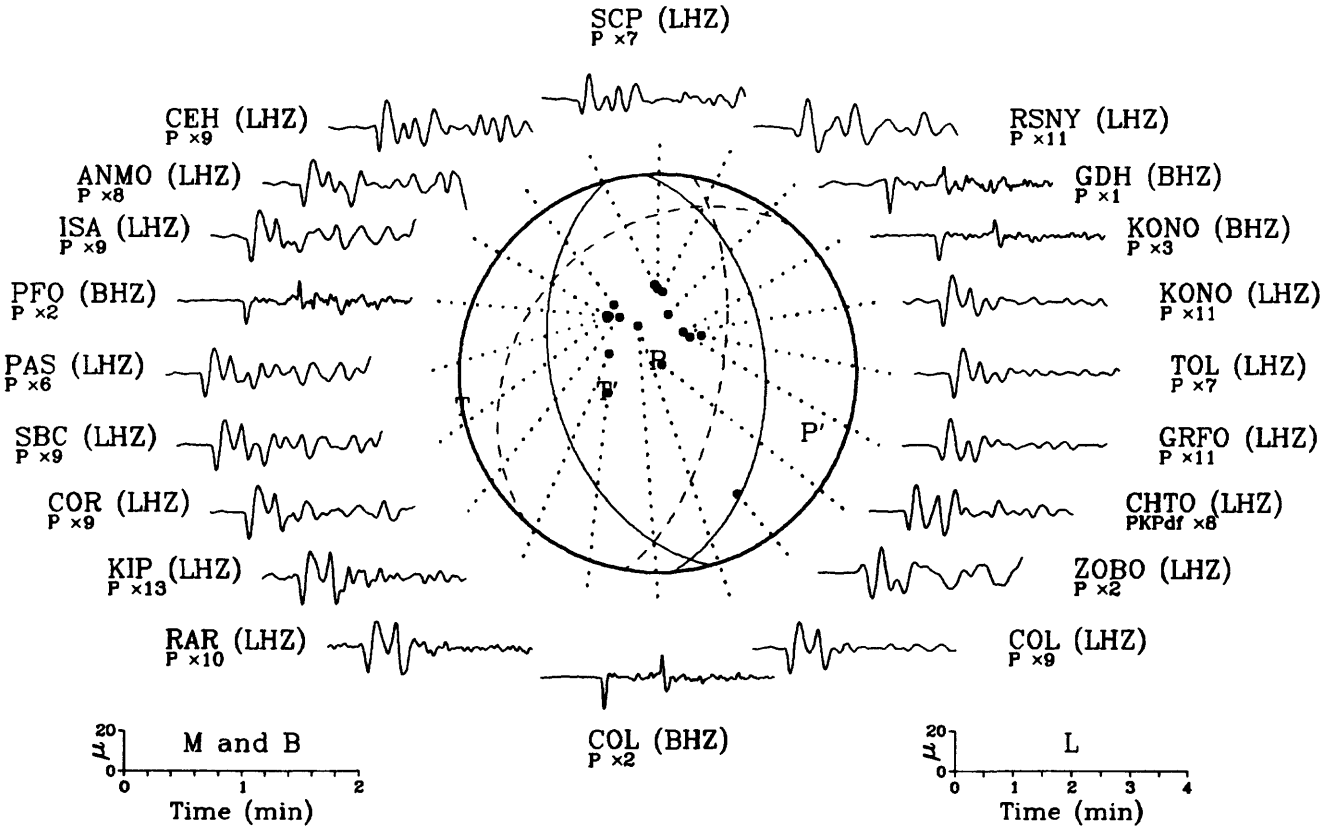
12 July 1992 11:08:55.36
Hokkaido, Japan Region



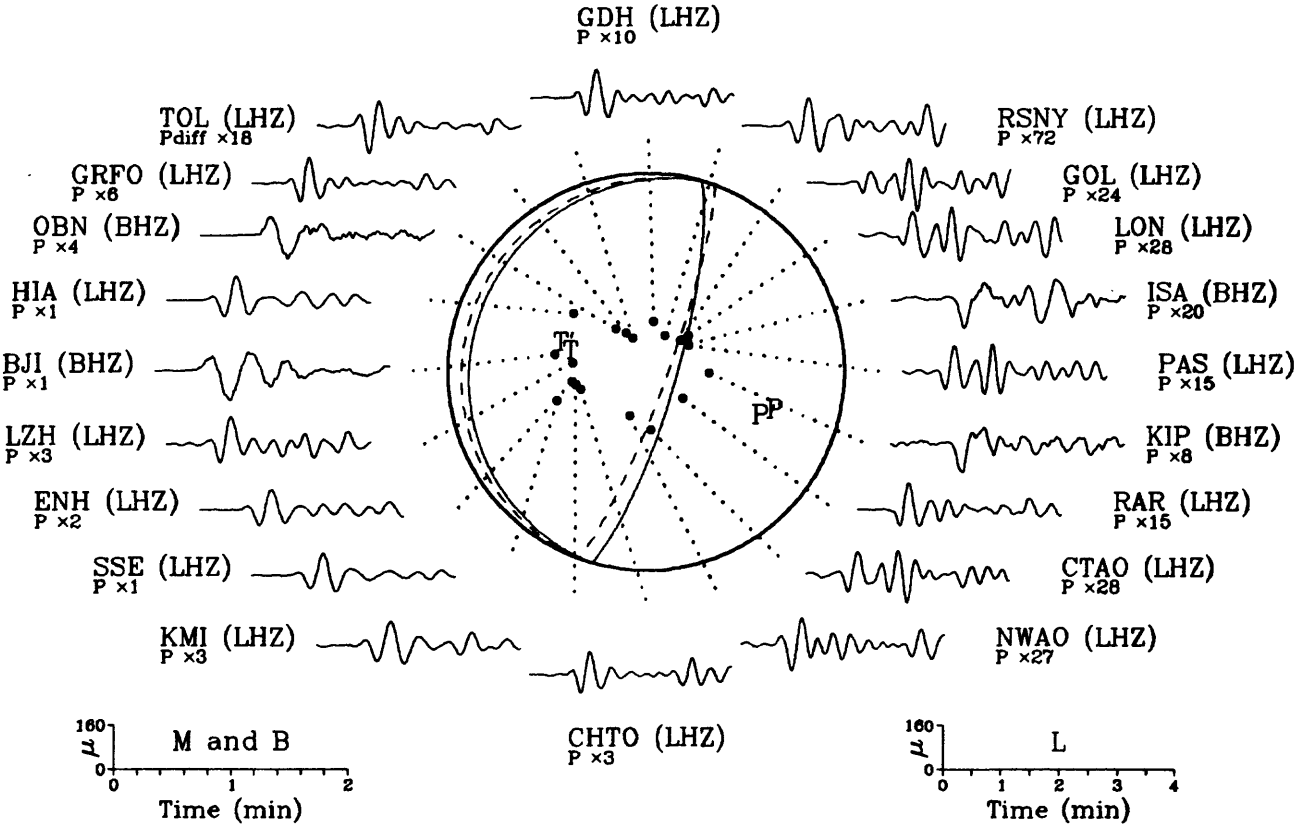
13 July 1992 15:34:04.58
Near East Coast of Kamchatka



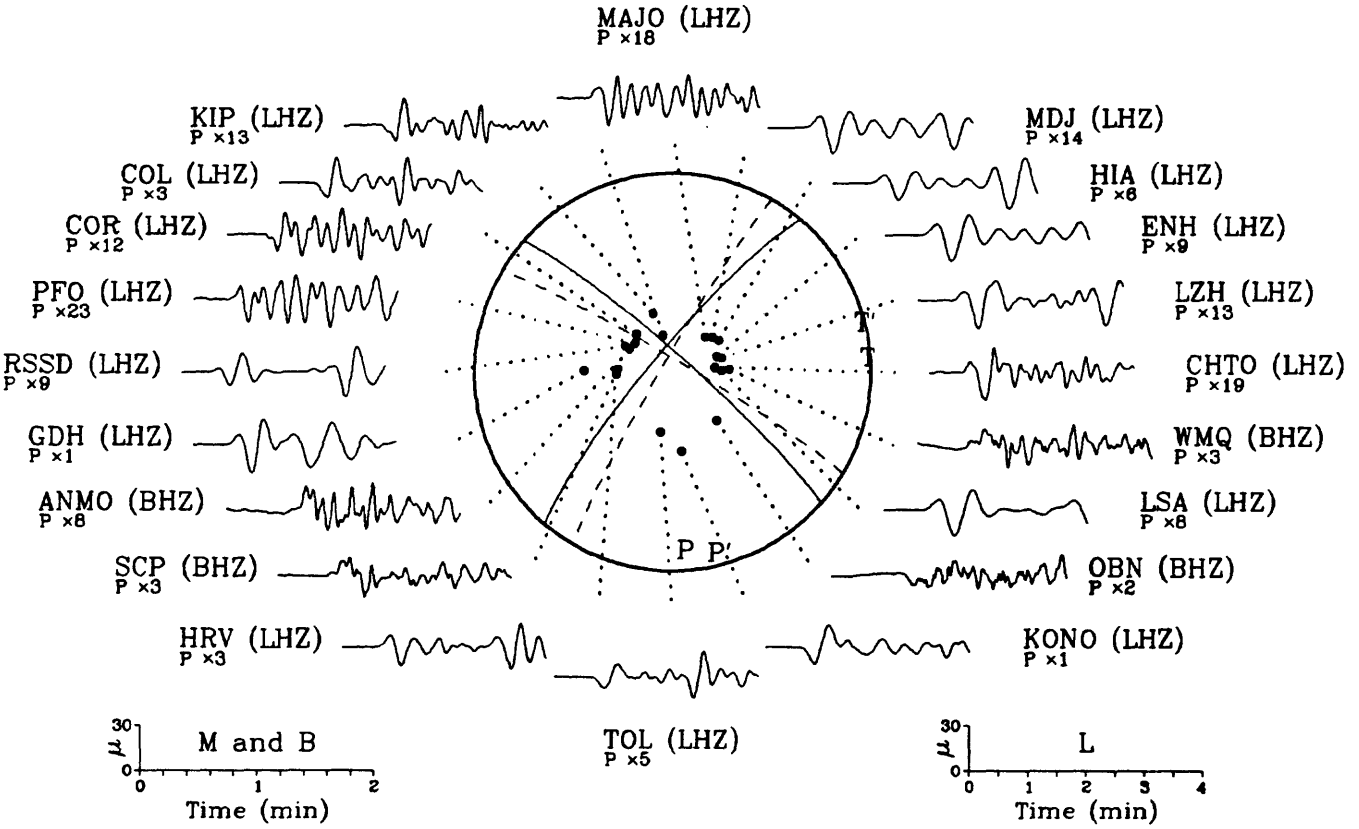
13 July 1992 18:11:33.71
Northern Peru



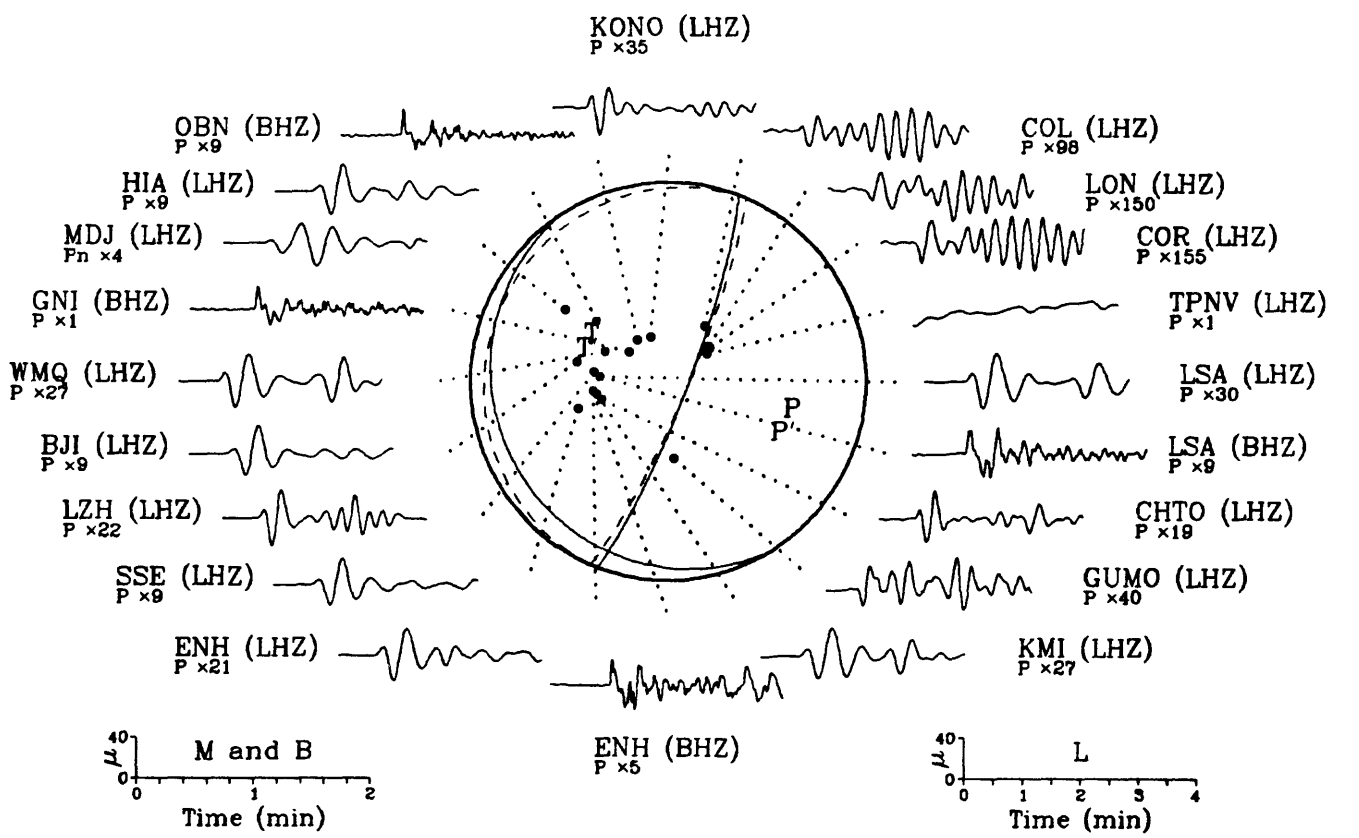
18 July 1992 08:36:58.70
Off East Coast of Honshu, Japan



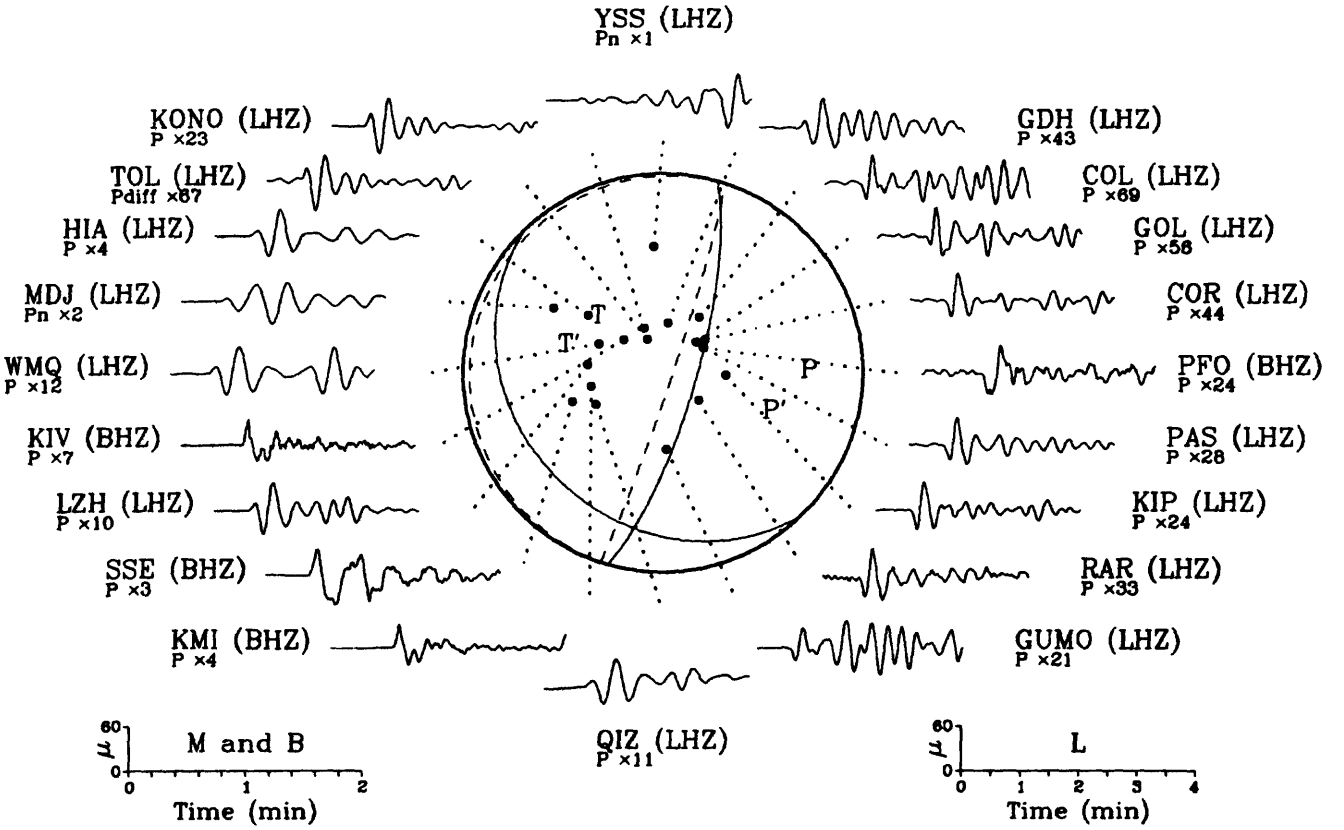
20 July 1992 07:46:46.74
Svalbard Region



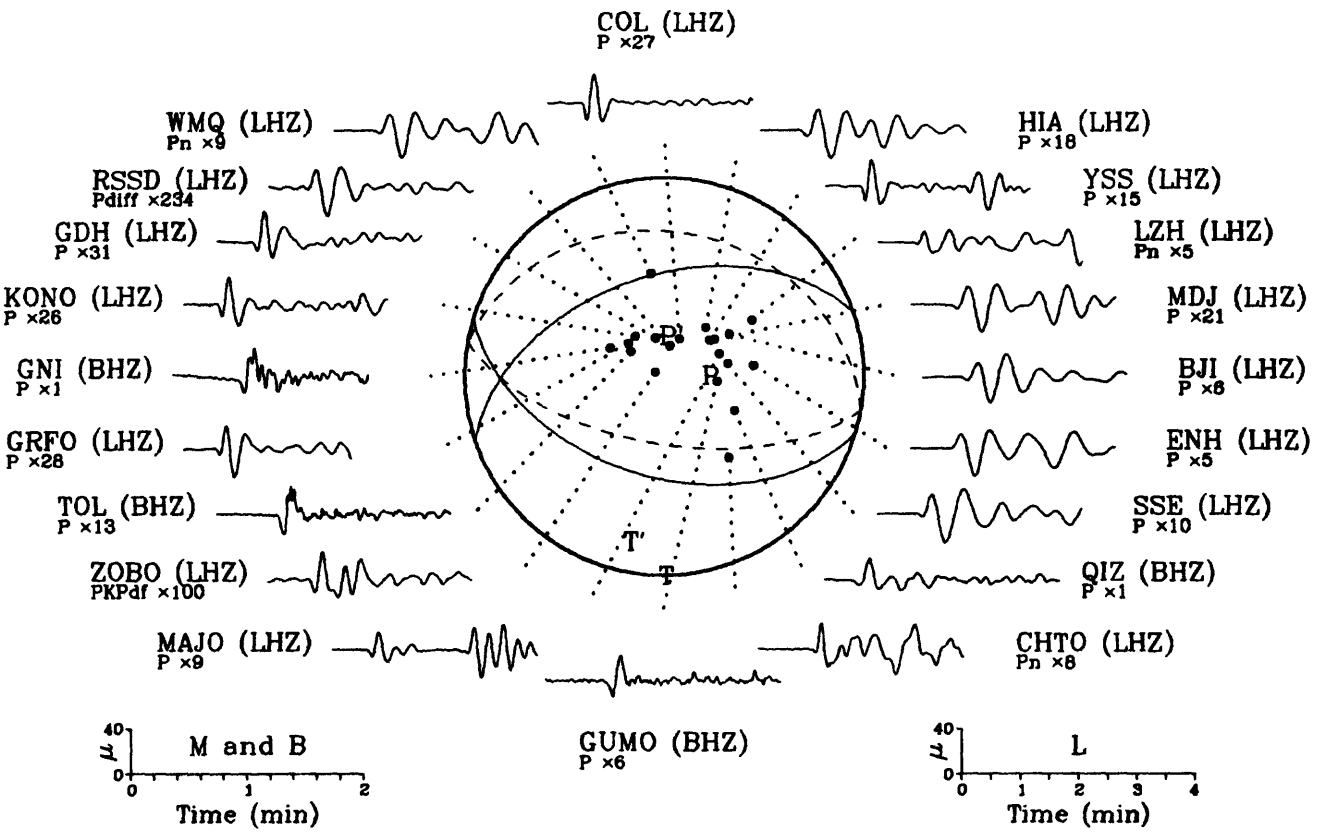
25 July 1992 02:53:28.33
Off East Coast of Honshu, Japan



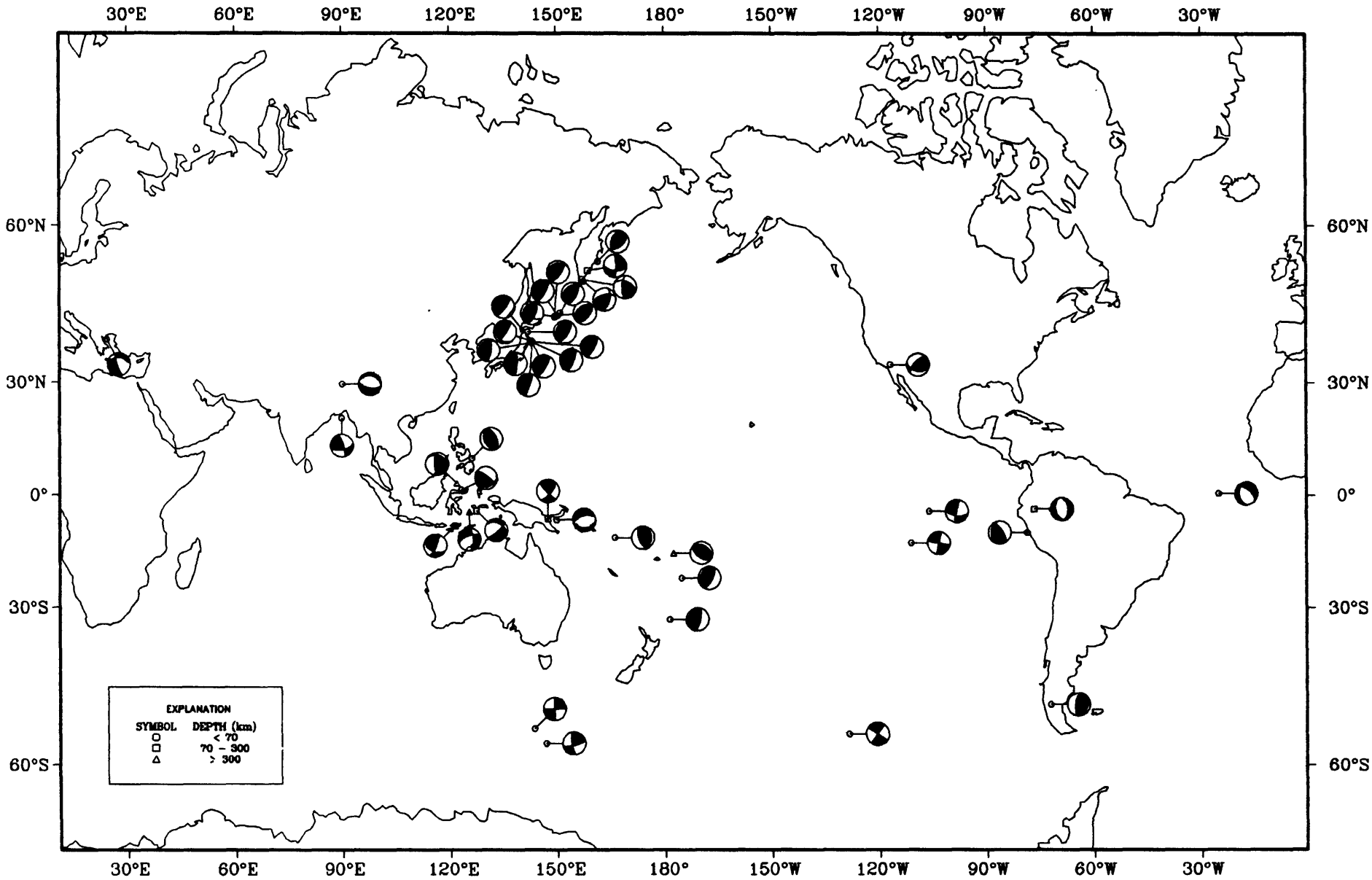
29 July 1992 04:30:47.72
Off East Coast of Honshu, Japan

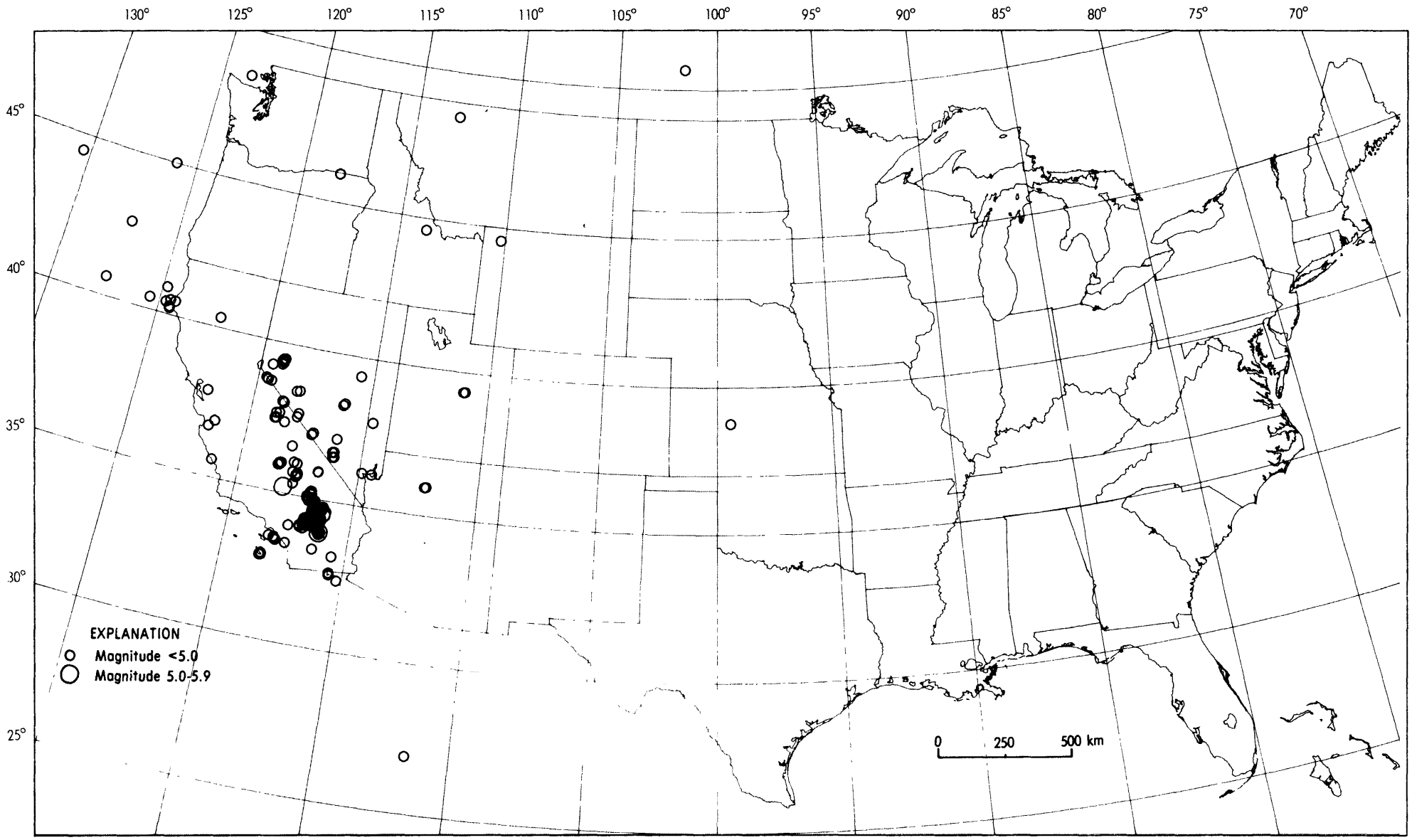


30 July 1992 08:24:46.65
Xijang

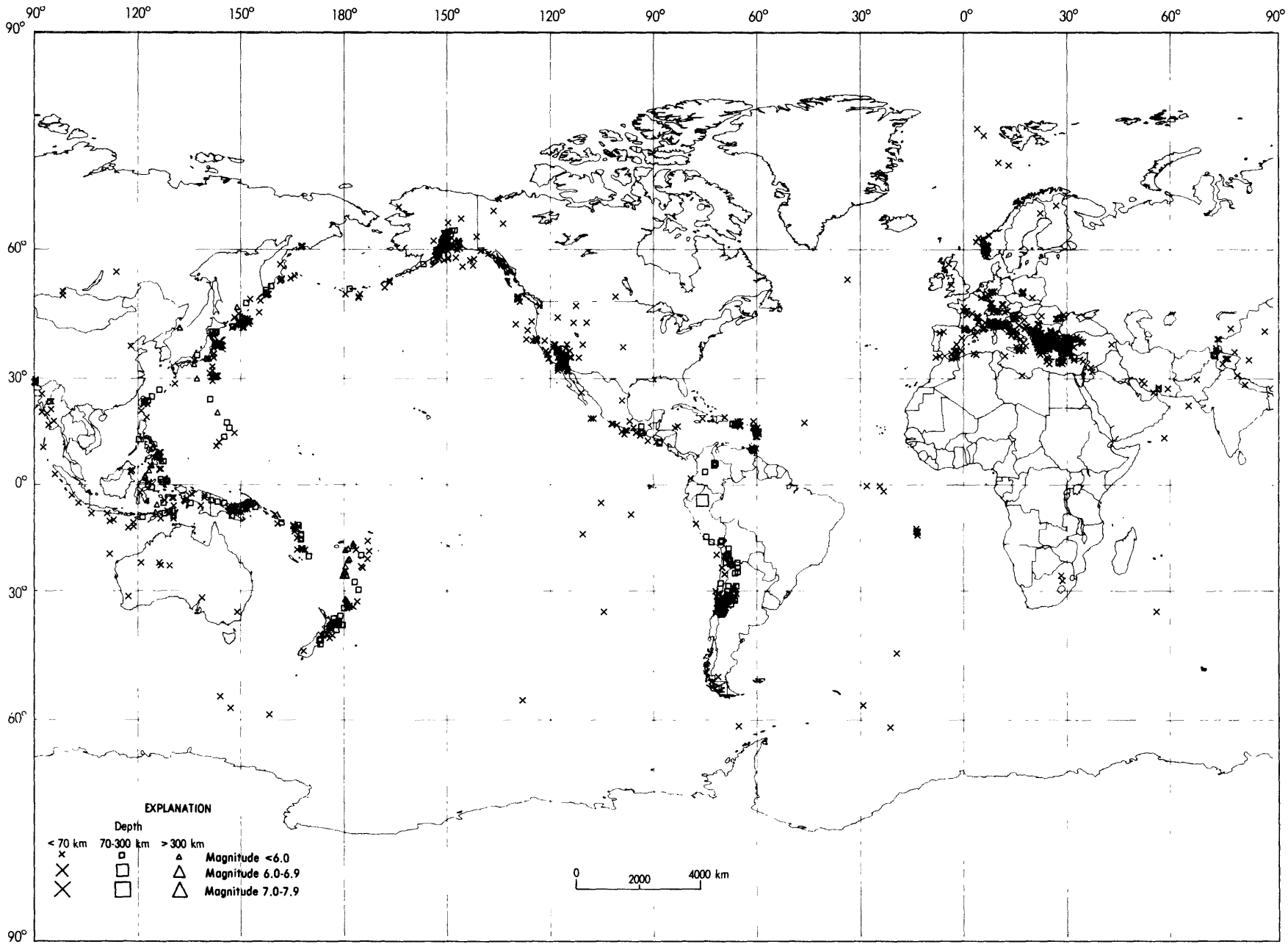


Earthquake Focal Mechanisms for July 1992





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



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

EXPLANATION OF ABBREVIATIONS AND SYMBOLS APPEARING IN THIS PUBLICATION

Abbreviations in Heading

MB - Body wave magnitudes
Msz - Vertical surface wave magnitudes.
UTC - Coordinated Universal Time. HR MN SEC - Hour, minute, second
SD - Standard Deviation from the arithmetic mean of residuals
Nc Sta - Number of stations reporting P or PKP phases used in computation.
KEY - (Printed vertically). A symbol in this column indicates additional source parameters and/or a focal sphere are published for this event in separate sections which follow the list of hypocenters. The symbols are:
o - Additional source parameters
f - Additional source parameters plus focal sphere

Symbols and Abbreviations Used in Comments

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

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

° ' " Geographic degrees, minutes, seconds.

-P Supplied hypocenter is a preliminary computation.

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

Symbols Following Depth

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

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

G Indicates the depth was restrained by a geophysicist.

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

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

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

Symbols Following Origin Time

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

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

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

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

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

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

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

TRAVEL-TIME TABLES

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

MACROSEISMIC INFORMATION

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

GEOGRAPHIC REGIONS

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

DEPTHS FROM BROADBAND DISPLACEMENT SEISMOGRAMS

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

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

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

FAULT PLANE SOLUTIONS

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

NEIS MAGNITUDES

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

Ms These surface wave magnitudes are computed from the I.A.S.P.E.I. formula

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

where

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

T is the period in seconds

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

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

If the uncertainty of the computed depth is considered great enough that the depth could be less than 50 km, an MS value may still be published, computed by the I.A.S.P.E.I. formula and not corrected for depth.

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

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

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

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

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

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

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

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

ML These local magnitudes are computed according to the formula:

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

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

CONTRIBUTED MAGNITUDES

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

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

REFERENCES

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

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

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

FOCAL MECHANISM MAPS

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

WAVEFORM PLOTS

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

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

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

R. P. Buland and M. Zirbes, U.S. Geological Survey, Mail Stop 967, Box 25046, Denver Federal Center, Denver, CO 80225 USA

USGS RADIATED ENERGY

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

OTHER SEISMIC MOMENTS

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

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

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

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

   Okal, E.A., and Talandier, J. 1990, Mm: Extension to Love Waves of the Concept of a Variable-Period Mantle Magnitude: Pure and Applied Geophysics, v. 134, p. 355-384.

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PRELIMINARY DETERMINATION OF EPICENTERS

MONTHLY LISTING

U.S. DEPARTMENT OF THE INTERIOR / GEOLOGICAL SURVEY

National Earthquake Information Center

AUGUST 1992

KEY	DAY	ORIGIN TIME UTC HR	MN	SEC	GEOGRAPHIC COORDINATES LAT	LONG	DEPTH	MAGNITUDES GS MB	Msz	SD	NO. STA USED	REGION, CONTRIBUTED MAGNITUDES AND COMMENTS
	01	00	06	27.9	41.671 N	19.443 E	10 G			0.7	19	ALBANIA. ML 2.7 (TIR), 2.5 (TTG).
	01	01	32	50.8*	56.211 S	26 537 W	33 N	4.8		1.0	9	SOUTH SANDWICH ISLANDS REGION
	01	02	47	32.6%	42.231 N	20.004 E	10 G			0.3	9	NORTHWESTERN BALKAN REGION. ML 1.4 (TTG).
	01	03	26	3B.5*	39.60B N	140.881 E	87	4.3		0.7	17	EASTERN HONSHU, JAPAN
	01	03	27	56.6%	40.373 S	173.851 E	161			0.5	24	COOK STRAIT, NEW ZEALAND
	01	03	41	21.B	41.672 N	19.477 E	10 G			0.9	14	ALBANIA. ML 2.6 (TIR), 2.3 (TTG).
	01	03	57	10.3*	39.654 N	143.652 E	33 N	4.1		1.2	8	OFF EAST COAST OF HONSHU, JAPAN
	01	04	33	03.9%	37.646 S	176.806 E	10 G			0.6	12	NORTH ISLAND, NEW ZEALAND. ML 3.7 (WEL).
	01	04	57	06.9&	34.120 N	116.394 W	2				10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.2 (GS).
	01	05	03	12.0	36.017 N	112.301 W	5 G			0.3	11	WESTERN ARIZONA. ML 3.2 (GS).
	01	05	40	29.6*	71.427 N	8.620 W	10 G			1.1	6	JAN MAYEN ISLAND REGION. MD 2.7 (BER).
a	01	06	06	45.3	18.280 S	178.2B1 W	632 D	5.1		1.0	280	FIJI ISLANDS REGION
	01	06	10	34.6*	18.184 S	178.100 W	645 *	4.8		1.0	44	FIJI ISLANDS REGION
	01	06	18	02.7?	18.15 S	178.46 W	625 *	4.8		1.4	18	FIJI ISLANDS REGION
	01	06	20	18.4*	51.204 N	12.222 E	10 G			1.4	7	GERMANY. ML 2.9 (GRF).
	01	06	42	19.6?	17.41 S	177.22 W	607 ?	5.0		0.9	27	FIJI ISLANDS REGION
	01	06	46	14.3&	60.026 N	153.590 W	145				79	SOUTHERN ALASKA. <AEIC>.
	01	06	46	51.6	34.659 N	104.596 E	10 G	4.3		1.3	15	GANSU, CHINA. ML 4.4 (BJI).
	01	06	52	51.0?	50.23 N	1B.99 E	10 G			0.4	4	POLAND. ML 2.9 (WAR).
	01	08	03	10.3&	34.617 N	116.613 W	4				8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	01	08	38	16.4&	33.947 N	116.312 W	4				7	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 2.9 (GS).
	01	09	00	3B.6?	31.43 N	130.64 E	130 G	4.6		1.0	24	KYUSHU, JAPAN
	01	09	26	47.1%	37.440 N	2.320 W	5 G			0.5	8	SPAIN. mbLg 2.8 (MDD).
	01	10	13	19.2*	46.664 N	15.174 E	10 G			0.8	5	NORTHWESTERN BALKAN REGION. MD 2.6 (LJU). ML 2.1 (VIE) Felt in the Bistriski Graben area, Slovenia.
	01	10	17	45.4%	40.562 N	23.552 E	10 G			0.4	5	GREECE
	01	10	42	08.2*	24.273 S	67.002 W	225 *			1.0	11	CHILE-ARGENTINA BORDER REGION
	01	12	10	47.3*	8.675 S	118.857 E	33 N	3.9		0.3	6	SUMBAWA REGION, INDONESIA
	01	12	22	08.6	41.715 N	22.362 E	10 G			0.7	11	NORTHWESTERN BALKAN REGION. ML 2.7 (SKO).
	01	12	27	25.0	38.399 N	21.942 E	10 G			1.4	12	GREECE. ML 3.1 (ATH).
	01	12	55	03.7	42.230 N	19.939 E	14			0.6	12	NORTHWESTERN BALKAN REGION. ML 2.3 (TTG), 2.1 (TIR).
a	01	13	03	34.1	28.564 N	139.358 E	428 *	4.7		0.8	81	BONIN ISLANDS REGION
	01	13	05	07.2&	58.263 N	151.388 W	26				50	KODIAK ISLAND REGION. <AEIC>. ML 3.0 (AEIC).
	01	13	27	18.5&	34.208 N	116.869 W	2				8	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 3.0 (GS).
a	01	13	45	24.9	57.084 N	155.298 W	56 D	5.1		0.9	176	ALASKA PENINSULA. ML 5.0 (PMR), 4.6 (AEIC). Felt (III) on Kodiak.
	01	14	01	33.5?	39.22 N	26.11 E	10 G			0.4	5	TURKEY
	01	14	40	53.0&	34.366 N	116.456 W	1				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.0 (GS).
	01	15	30	44.9?	53.16 N	158.58 E	134 ?	4.4		0.9	31	NEAR EAST COAST OF KAMCHATKA
	01	15	34	14.5	55.165 N	161.721 E	81 *	4.6		1.1	46	NEAR EAST COAST OF KAMCHATKA
	01	15	53	11.4&	35.014 N	116.967 W	0				8	CENTRAL CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 2.6 (GS).
	01	16	01	33.0*	19.703 S	167.992 E	10 G	4.7		1.5	25	VANUATU ISLANDS REGION
	01	16	13	44.8?	43.09 N	0.70 W	10 G			0.8	4	PYRENEES. ML 1.0 (STR).
	01	17	14	54.1*	21.331 S	68.016 W	140 *	4.9		1.1	16	CHILE-BOLIVIA BORDER REGION
	01	17	46	46.1	41.648 N	19.465 E	10 G			1.3	14	ALBANIA. ML 2.5 (TIR), 2.1 (TTG).
	01	17	59	15.5*	11.736 S	117.951 E	33 N	4 0		0.3	5	SOUTH OF SUMBAWA, INDONESIA
a	01	18	19	03.0	21.344 S	179.189 W	634 D	5.3		1.1	168	FIJI ISLANDS REGION
	01	18	37	35.4*	40.367 N	23.046 E	33 N			1.1	7	GREECE
	01	18	46	19.2?	18.23 S	174.78 W	130 G	4.8		1.3	17	TONGA ISLANDS
	01	19	16	16.8	40.614 S	176.226 E	59 *	4.5		1.2	25	NORTH ISLAND, NEW ZEALAND
	01	19	22	06.8*	43.745 N	132.621 E	487 ?	4.2		0.3	9	NEAR SOUTHEAST COAST OF RUSSIA
	01	20	30	19.4%	40.821 N	23.692 E	10 G			0.3	5	GREECE
	01	20	36	38.2&	34.114 N	116.920 W	6				8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	01	21	56	05.3%	42.613 N	12.994 E	10 G			0.4	5	CENTRAL ITALY
	01	23	25	10.7&	55.833 N	152.220 W	0				25	SOUTH OF ALASKA. <AEIC>. ML 3.1 (AEIC).
	02	00	39	08.4*	38.381 S	179.007 E	69 *	5.0		1.5	33	OFF E. COAST OF N. ISLAND, N.Z.
	02	00	41	25.0	14.077 N	91.969 W	51 *	4.8	5.2	1.1	70	GUATEMALA
	02	00	42	32.0&	36.003 N	121.530 W	8				8	CENTRAL CALIFORNIA. <BRK>. ML 2.6 (BRK).

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	02	02	30	13.1&	35.009	N	116.965	W	4					10	CENTRAL CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	02	02	41	38.6	45.955	N	14.166	E	10	G			1.0	6	NORTHWESTERN BALKAN REGION. MD 2.7 (LJU), 2.5 (TRI). Felt (IV) in the Logatec region, Slovenia.
	02	02	52	40.2*	30.819	S	68.178	W	33	N			1.0	6	SAN JUAN PROVINCE, ARGENTINA
	02	03	54	07.6?	31.06	S	69.77	W	171	?			1.4	6	SAN JUAN PROVINCE, ARGENTINA
	02	04	11	59.9&	59.774	N	153.057	W	101					72	SOUTHERN ALASKA. <AEIC>.
	02	04	21	20.5?	45.51	N	6.61	E	10	G			0.4	4	FRANCE. ML 2.0 (LDG).
	02	04	29	16.6?	21.52	N	143.49	E	273	?	4.2		1.0	12	MARIANA ISLANDS REGION
	02	04	39	45.4*	18.975	N	144.684	E	31	D	4.6	4.0	1.1	18	MARIANA ISLANDS
	02	04	59	09.8	51.459	N	6.791	E	10	G			0.7	14	GERMANY. ML 2.8 (LDG), 2.2 (BNS).
	02	05	44	35.1	25.831	N	102.807	E	10	G	4.5		1.5	29	YUNNAN, CHINA. ML 4.8 (BJI).
a	02	05	50	11.6	0.883	S	127.582	E	19	G	5.8	6.1	1.1	288	HALMAHERA, INDONESIA. Ms 6.6 (BRK). Mo=1.3*10**19 Nm (PPT). Depth from broadband displacement seismograms.
	02	06	08	15.5*	0.836	S	127.461	E	59	?			0.8	11	HALMAHERA, INDONESIA
	02	06	38	49.1&	33.895	N	116.287	W	7					7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	02	06	48	10.5&	35.392	N	117.732	W	9					10	CENTRAL CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	02	07	29	55.0&	34.511	N	116.515	W	6					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	02	07	30	54.7	1.101	S	127.302	E	33	N			0.8	13	HALMAHERA, INDONESIA
	02	07	35	46.8&	40.178	N	124.143	W	14					16	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.2 (BRK). Felt (IV) at Honeydew.
	02	07	38	28.7&	58.728	N	152.669	W	52					31	KODIAK ISLAND REGION. <AEIC>. ML 2.6 (AEIC).
	02	07	44	13.1*	32.259	N	138.761	E	33	N	4.7		0.4	9	SOUTH OF HONSHU, JAPAN
	02	08	21	21.8?	19.66	S	179.06	W	606	*	4.7		1.1	22	FIJI ISLANDS REGION
	02	09	45	51.5*	15.642	N	96.446	W	33	N			0.8	8	NEAR COAST OF OAXACA, MEXICO
	02	09	46	19.1*	38.627	N	24.093	E	10	G			1.3	10	AEGEAN SEA. ML 3.0 (ATH).
	02	10	11	09.5	38.587	N	24.192	E	23		3.7		1.2	34	AEGEAN SEA. ML 4.0 (ATH).
	02	10	34	46.9*	24.070	S	66.881	W	216	*	4.0		1.5	14	SALTA PROVINCE, ARGENTINA
	02	10	45	09.2	42.328	N	19.856	E	10	G			0.8	15	NORTHWESTERN BALKAN REGION. ML 2.3 (TIR), 2.1 (TTG).
	02	10	57	51.2%	42.313	N	19.872	E	10	G			0.4	8	NORTHWESTERN BALKAN REGION. ML 1.9 (TTG).
	02	11	34	56.3	36.465	N	25.440	E	42		4.0		1.3	76	DODECANESE ISLANDS. MD 4.0 (ATH).
	02	11	39	23.2&	39.020	N	122.570	W	5					20	NORTHERN CALIFORNIA. <BRK>. ML 3.2 (BRK).
f	02	12	03	20.3	7.126	S	121.748	E	486	G	6.2		1.0	477	FLORES SEA. Depth from broadband displacement seismograms.
	02	12	54	42.2*	17.140	N	100.231	W	41	*	4.3		1.5	15	GUERRERO, MEXICO
	02	13	44	19.2&	34.286	N	116.723	W	4					1	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	02	14	04	27.2	45.991	N	12.248	E	5	G			0.9	22	NORTHERN ITALY. MD 3.1 (LJU), 2.7 (TRI). ML 2.7 (VIE).
	02	14	40	52.3?	7.20	S	127.59	E	146	?			0.3	6	BANDA SEA
	02	15	00	15.4%	37.083	S	177.336	E	256	?			0.6	21	OFF E. COAST OF N. ISLAND, N.Z.
	02	15	02	29.2?	5.98	S	147.24	E	187	*	4.8		0.7	7	EASTERN NEW GUINEA REG., P.N.G.
	02	16	31	37.4%	36.896	N	4.824	W	10	G			0.6	6	STRAIT OF GIBRALTAR. mbLg 2.3 (MDD).
	02	17	01	31.8%	43.287	N	12.906	E	10	G			0.9	6	CENTRAL ITALY
	02	17	34	04.2	41.699	N	19.498	E	10	G			0.9	16	ALBANIA. ML 2.9 (TIR), 2.4 (TTG).
	02	17	41	16.0?	4.87	N	127.17	E	33	N	4.4		0.8	5	TALAUD ISLANDS, INDONESIA
	02	17	51	10.3*	10.228	N	127.088	E	39	?	4.6		0.7	13	PHILIPPINE ISLANDS REGION
	02	17	57	42.0?	51.55	N	16.13	E	10	G			0.7	6	POLAND. MG 3.0 (WAR).
	02	18	12	30.3	44.805	N	6.826	E	10	G			0.3	12	FRANCE. ML 2.6 (LDG).
	02	18	13	10.5*	46.044	N	12.431	E	5	G			0.2	5	NORTHERN ITALY. ML 2.5 (VIE). MD 2.7 (LJU), 2.5 (TRI).
	02	19	41	34.3?	37.39	N	16.58	E	10	G			1.4	6	IONIAN SEA
	02	20	50	10.4	38.719	N	74.833	E	10	G	4.6	3.9	1.3	60	TAJIKISTAN-XINJIANG BORDER REG.
	02	20	51	17.2*	33.059	S	68.247	W	33	N			1.0	6	MENDOZA PROVINCE, ARGENTINA
	02	21	05	56.8	38.052	N	118.663	W	10	G			0.5	12	CALIFORNIA-NEVADA BORDER REGION. ML 3.4 (GS).
	02	22	32	27.4	0.874	S	127.572	E	33	N	4.8	4.2	1.3	24	HALMAHERA, INDONESIA
	02	23	15	36.6%	44.135	N	11.126	E	10	G			1.4	6	NORTHERN ITALY. MD 2.5 (FIR).
	03	00	25	07.4%	43.918	N	11.075	E	10	G			0.7	5	CENTRAL ITALY
	03	01	04	43.0?	18.29	S	179.12	W	620	G	4.8		1.3	28	FIJI ISLANDS REGION
	03	01	23	12.3?	7.31	N	72.83	W	165	?			1.2	9	NORTHERN COLOMBIA
	03	02	23	22.8%	38.294	S	177.934	E	128	?			1.2	25	NORTH ISLAND, NEW ZEALAND
	03	02	24	57.4?	34.17	S	70.49	W	100	G			0.2	6	CHILE-ARGENTINA BORDER REGION
	03	02	33	12.6&	61.396	N	148.911	W	34					47	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
a	03	02	53	51.7	15.907	N	60.875	W	43		5.6	4.8	0.9	367	LEEWARD ISLANDS. MD 5.4 (FDF). Felt (V) on Guadeloupe and (IV) on Martinique.
	03	02	54	41.2%	43.485	N	10.311	E	10	G			0.5	7	CENTRAL ITALY
	03	03	33	54.7%	15.968	N	60.717	W	33	N			0.3	7	LEEWARD ISLANDS. ML 2.8 (FDF).
	03	03	58	41.3?	30.43	S	178.11	W	33	N	4.5		0.9	5	KERMADEC ISLANDS, NEW ZEALAND
	03	04	09	07.4%	17.913	N	100.408	W	33	N			0.5	7	GUERRERO, MEXICO
	03	05	11	17.6%	45.810	N	0.023	E	10	G			1.1	9	FRANCE. ML 2.1 (LDG).
	03	05	18	37.1&	34.573	N	116.420	W	1					7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	03	05	36	00.0%	37.702	S	176.356	E	208	?			0.5	19	NORTH ISLAND, NEW ZEALAND
	03	06	48	40.2&	50.488	N	129.914	W	10	G				55	VANCOUVER ISLAND REGION. <PGC-P>. ML 3.5 (PGC).
	03	07	23	03.6?	34.23	S	70.11	W	10	G			0.2	6	CHILE-ARGENTINA BORDER REGION
	03	08	19	36.2%	15.960	N	60.728	W	33	N			0.3	6	LEEWARD ISLANDS. ML 2.5 (FDF).
	03	08	52	33.0%	15.945	N	60.744	W	31	*			0.3	7	LEEWARD ISLANDS. ML 2.7 (FDF).
	03	09	14	06.5%	15.966	N	60.725	W	33	N			0.2	7	LEEWARD ISLANDS. ML 2.4 (FDF).
	03	10	08	23.9%	34.196	S	70.954	W	90	G			0.5	11	CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
	03	10	27	39.4%	40.807	N	22.983	E	10	G			0.2	5	GREECE
	03	10	47	16.0?	6.73	N	72.78	W	153	?			1.3	8	NORTHERN COLOMBIA
	03	10	58	42.8*	36.119	S	178.357	E	258	*	3.4		1.0	29	OFF E. COAST OF N. ISLAND, N.Z.
	03	11	05	38.9	43.614	N	13.290	E	10	G			1.1	10	CENTRAL ITALY
	03	11	07	38.7*	1.005	S	127.635	E	33	N	4.3		1.4	8	HALMAHERA, INDONESIA
	03	11	15	57.8*	66.400	N	13.238	E	10	G			0.6	7	NORTHERN NORWAY. MD 3.6 (BER). Felt (V) at Luray.
a	03	11	19	38.2	10.403	S	164.269	E	23	D	5.3	5.1	1.0	159	SANTA CRUZ ISLANDS REGION
	03	12	15	56.8	20.651	N	121.742	E	22	D	4.9	4.7	1.2	124	PHILIPPINE ISLANDS REGION
	03	13	47	38.6%	39.585	S	174.006	E	235	*			0.4	28	NORTH ISLAND, NEW ZEALAND
	03	14	18	24.7?	11.44	N	62.12	W	143	?			0.1	7	WINDWARD ISLANDS
	03	14	19	05.2?	5.03	S	80.66	W	80	G	4.5		1.3	8	NEAR COAST OF NORTHERN PERU
	03	14	52	41.3*	40.969	N	22.353	E	10	G			0.8	5	GREECE
	03	15	06	44.3?	35.91	S	17.78	W	10	G	4.9	4.5	1.2	10	SOUTHERN MID-ATLANTIC RIDGE
	03	15	18	44.1?	39.11	N	15.35	E	10	G			1.5	6	SOUTHERN ITALY
	03	15	23	03.4?	10.06	N	126.18	E	33	N			0.2	4	PHILIPPINE ISLANDS REGION
	03	15	24	05.0*	10.158	N	126.363	E	46	*	4.8	4.2	1.2	19	PHILIPPINE ISLANDS REGION
	03	15	41	22.4%	42.616	N	19.067	E	10	G			0.6	9	NORTHWESTERN BALKAN REGION. ML 2.0 (TTG).
	03	15	47	05.5%	42.614	N	19.062	E	10	G			0.2	8	NORTHWESTERN BALKAN REGION. ML 1.2 (TTG).
	03	15	52	46.2%	42.612	N	19.049	E	10	G			0.4	9	NORTHWESTERN BALKAN REGION. ML 1.9 (TTG).

	03	15	59	51.1?	41 85	N	20.12	E	10	G			0.7	7	ALBANIA. ML 1.9 (TTG)
	03	16	00	32.0%	40 608	N	22.906	E	10	G			0.4	5	GREECE
	03	16	29	25.7%	33 659	S	70.433	W	106	?			0.2	10	CHILE-ARGENTINA BORDER REGION. MD 4.0 (SAN).
	03	16	41	57 6%	15.898	N	60.722	W	10	G			0.5	8	LEEWARD ISLANDS. ML 2.5 (FDF).
	03	16	49	13.3?	17.74	S	176.99	W	103	?	4.3		0.9	18	FIJI ISLANDS REGION
	03	17	21	29.8	0.615	S	127.775	E	48	*	4.9		0.9	20	HALMAHERA, INDONESIA
	03	17	47	06.8*	16.691	N	61.808	W	80	G			0.2	5	LEEWARD ISLANDS
	03	18	09	47.4?	40.84	N	24.94	E	10	G			1.1	5	AEGEAN SEA
	03	18	36	09.9&	34.065	N	116.388	W	3					6	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	03	18	52	07.7%	33.713	S	71.791	W	33	N			0.4	11	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	03	19	23	01.8*	20.540	N	122.202	E	33	N	4.1		1.0	10	PHILIPPINE ISLANDS REGION
	03	19	33	55.1%	18.162	N	66.948	W	33	N			0.7	6	PUERTO RICO REGION
	03	20	02	00.3	51.498	N	7.642	E	10	G			1.1	37	GERMANY. ML 3.6 (GRF), 3.5 (LDG), 3.4 (BNS).
	03	21	13	16.2	0.980	S	127.642	E	34	D	5.2		0.9	17	HALMAHERA, INDONESIA
	03	22	21	03.7*	1.251	N	124.288	E	53	?	4.7		0.8	12	MINAHASSA PENINSULA, SULAWESI
	03	22	49	21.5?	33.33	S	72.24	W	33	N			0.6	10	OFF COAST OF CENTRAL CHILE. MD 3.4 (SAN).
	04	00	24	28.2	17.520	N	62.077	W	33	N			0.4	11	LEEWARD ISLANDS. ML 2.4 (FDF).
	04	01	27	41.7%	17.599	N	98.014	W	33	N			0.4	5	GUERRERO, MEXICO
	04	02	28	14.1%	42.331	N	13.909	E	10	G			0.7	6	CENTRAL ITALY
a	04	02	36	30.5	20.644	S	70.967	W	22	D	4.8		1.4	43	NEAR COAST OF NORTHERN CHILE
	04	02	58	02.9*	43.319	N	20.926	E	10	G			1.3	11	NORTHWESTERN BALKAN REGION. ML 1.9 (TTG).
	04	04	29	51.0	42.529	N	19.132	E	10	G			0.8	10	NORTHWESTERN BALKAN REGION. ML 2.0 (TTG).
	04	04	30	08.6%	39.945	S	174.558	E	154				0.5	33	NORTH ISLAND, NEW ZEALAND
	04	04	33	09.9%	15.907	N	60.860	W	10	G			0.4	8	LEEWARD ISLANDS. ML 2.8 (FDF).
	04	05	49	28.0&	33.951	N	116.852	W	6	G				8	SOUTHERN CALIFORNIA. <PAS-P>. MD 2.8 (PAS). ML 2.9 (GS).
	04	06	11	07.5&	33.964	N	116.319	W	5					6	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	04	06	13	09.7	43.454	N	127.169	W	10	G	5.0	4.8	0.9	186	OFF COAST OF OREGON
	04	06	14	58.4	44.344	N	7.354	E	10	G			0.6	12	NORTHERN ITALY. ML 2.1 (LDG), 2.0 (GEN).
	04	06	22	37.7?	24.63	N	123.46	E	33	N			0.5	8	SOUTHWESTERN RYUKYU ISLANDS
	04	06	34	43.3&	34.587	N	116.621	W	5					7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
a	04	06	58	32.5	21.738	S	177.214	W	253	G	5.7		1.0	495	FIJI ISLANDS REGION. Mo=2.0*10**18 Nm (PPT). Depth from broadband displacement seismograms.
	04	07	33	49.2*	45.375	N	13.135	E	10	G			1.5	9	NORTHERN ITALY. ML 2.5 (VIE). MD 3.2 (LJU).
	04	08	44	21.3%	40.373	N	23.242	E	10	G			0.6	6	GREECE
	04	09	24	34.9*	6.130	S	130.501	E	146	?			1.2	10	BANDA SEA
	04	09	39	24.7*	23.159	S	175.061	W	33	N	4.9	4.1	0.6	12	TONGA ISLANDS REGION
	04	09	59	40.0&	36.082	N	117.685	W	1					23	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 3.6 (PAS), 3.4 (GS).
	04	10	10	04.9	10.141	N	126.278	E	59	*	4.7	3.9	1.0	25	PHILIPPINE ISLANDS REGION
	04	10	22	52.5	0.373	S	122.743	E	92	?	4.8		0.9	20	MINAHASSA PENINSULA, SULAWESI
	04	10	38	33.2?	47.26	N	11.26	E	10	G			0.2	4	AUSTRIA. ML 1.3 (VIE).
	04	11	41	01.5*	10.248	N	126.687	E	31	*	4.2		0.9	14	PHILIPPINE ISLANDS REGION
	04	11	41	44.2?	31.42	S	68.65	W	100	G			0.5	6	SAN JUAN PROVINCE, ARGENTINA
	04	11	46	36.5?	45.94	N	140.91	E	230	G	4.3		0.B	15	EASTERN SEA OF JAPAN
	04	13	37	27.6	37.243	N	114.968	W	5	G	4.6		0.6	45	SOUTHERN NEVADA. ML 3.9 (GS).
	04	14	06	01.0?	34.78	S	70.94	W	90	G			0.1	10	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	04	14	23	16.5*	10.009	N	126.211	E	58	?	4.7	3.9	1.0	14	PHILIPPINE ISLANDS REGION
	04	14	23	48.5&	34.632	N	116.501	W	4					10	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.8 (GS).
a	04	14	27	41.1	43.468	N	127.014	W	10	G	4.9	5.1	1.0	125	OFF COAST OF OREGON
	04	14	33	47.9&	62.320	N	151.286	W	84					54	CENTRAL ALASKA. <AEIC>.
	04	14	58	09.7	44.481	N	6.412	E	14				0.7	45	FRANCE. ML 3.0 (LDG).
	04	15	07	58.5*	7.045	N	95.237	E	157	*	4.8		0.5	15	NICOBAR ISLANDS, INDIA
	04	15	23	34.5	44.560	N	6.855	E	10	G			0.3	25	FRANCE. ML 2.4 (LDG).
	04	15	41	18.4%	42.623	N	18.978	E	10	G			0.4	9	NORTHWESTERN BALKAN REGION. ML 1.9 (TTG).
	04	15	56	36.2	44.390	N	8.340	E	10	G			0.4	10	NORTHERN ITALY. ML 2.1 (GEN).
	04	16	07	57.3%	15.945	N	60.750	W	31	*			0.2	7	LEEWARD ISLANDS. ML 2.7 (FDF).
	04	16	08	34.9*	52.452	N	169.170	W	33	N	4.7		1.3	15	FOX ISLANDS, ALEUTIAN ISLANDS
	04	16	39	58.8	35.606	N	26.636	E	42	?	3.9		1.2	18	CRETE. MD 4.2 (HLW). ML 4.0 (ATH).
	04	16	56	43.6?	23.B0	N	115.46	E	10	G	4.6		1.4	6	NEAR SOUTHEASTERN COAST OF CHINA
	04	18	01	24.9	10.073	N	126.200	E	66	*	4.9		1.2	43	PHILIPPINE ISLANDS REGION
	04	18	32	37.9	43.399	N	5.414	E	10	G			0.8	16	NEAR SOUTH COAST OF FRANCE. ML 3.1 (STR).
	04	18	35	14.5*	9.369	S	117.658	E	86	*	3.7		1.5	13	SUMBAWA REGION, INDONESIA
	04	18	59	01.2%	40.080	S	173.527	E	220	?			0.4	17	COOK STRAIT, NEW ZEALAND
	04	19	06	12.2&	34.102	N	116.383	W	0					24	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.0 (PAS), 3.8 (GS). Felt (IV) at Cadiz, Indio, Jashua Tree, Palm Springs and White Water. Felt (III) at Newberry Springs.
	04	20	10	50.8	6.909	S	129.319	E	162	*	4.9		1.1	17	BANDA SEA
	04	20	18	35.5&	36.191	N	118.270	W	4					9	CENTRAL CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	04	20	25	36.5%	34.082	S	70.335	W	10	G			0.3	9	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
f	04	21	08	41.7	12.127	S	166.589	E	91	G	6.1		1.0	362	SANTA CRUZ ISLANDS. Mo=2.0*10**19 Nm (PPT). Depth from broadband displacement seismograms.
	04	21	13	30.1*	42.400	N	0.995	E	10	G			1.3	8	PYRENEES. ML 2.5 (LDG), 1.8 (STR).
	04	21	24	48.0	44.316	N	7.343	E	10	G			0.6	17	NORTHERN ITALY. ML 1.9 (GEN), 1.9 (LDG).
	04	21	35	50.5	40.097	N	19.817	E	5	G			1.2	28	ALBANIA. ML 3.0 (TIR). MD 3.2 (ATH).
	04	21	53	23.0&	34.085	N	116.380	W	0					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 2.8 (GS).
	04	21	54	35.5	39.467	N	15.461	E	285		4.3		1.2	116	SOUTHERN ITALY
	04	22	16	27.7	54.071	N	161.282	E	47	*	5.1		1.0	138	NEAR EAST COAST OF KAMCHATKA
	04	22	45	00.4	38.711	N	21.101	E	10	G			0.7	16	GREECE. MD 3.2 (ATH).
	04	22	50	03.0	29.893	N	90.362	E	10	G	4.2		1.0	13	XIJANG
	04	23	17	48.8&	59.891	N	153.424	W	137					37	SOUTHERN ALASKA. <AEIC>.
a	04	23	45	31.8	26.696	S	106.363	W	10	G	5.3	5.0	1.1	45	EASTER ISLAND REGION. Ms 5.5 (BRK).
	05	00	08	40.8&	37.283	N	122.383	W	9					9	CENTRAL CALIFORNIA. <BRK>. ML 2.8 (BRK).
	05	01	34	57.4?	15.79	N	93.80	W	10	G			0.6	4	NEAR COAST OF CHIAPAS, MEXICO
a	05	02	09	41.3	5.586	S	102.810	E	37	D	5.6	5.3	1.1	182	SOUTHERN SUMATERA, INDONESIA
	05	03	23	57.4?	11.65	S	118.79	E	33	N	3.5		0.3	5	SOUTH OF SUMBAWA, INDONESIA
	05	03	54	30.3&	58.521	N	153.035	W	65					33	KODIAK ISLAND REGION. <AEIC>. ML 2.6 (AEIC).
	05	04	14	19.7?	35.99	N	0.19	W	10	G			0.9	5	NORTHERN ALGERIA. mbLg 3.4 (MDD).
	05	04	15	34.5	44.002	N	7.281	E	10	G			0.6	9	NORTHERN ITALY. ML 2.1 (LDG), 1.9 (GEN).
	05	04	53	04.9	5.324	S	131.057	E	65	*	5.1		1.1	62	BANDA SEA
	05	04	56	43.3&	32.378	N	115.246	W	6	G				5	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.0 (PAS).
	05	04	58	45.1	35.899	N	138.048	E	10	G			1.0	12	EASTERN HONSHU, JAPAN

	05	05	36	07 2	29.318	S	71.448	W	139 ?			0.8	19	NEAR COAST OF CENTRAL CHILE
	05	06	19	59.6&	35 123	N	116.810	W	0				12	CENTRAL CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.0 (GS).
	05	06	49	45.0%	41.013	N	23.891	E	10 G			0.7	6	GREECE-BULGARIA BORDER REGION
	05	07	14	24 3&	34.580	N	116.611	W	0				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	05	07	30	11 1&	37.912	N	122.065	W	9				12	CENTRAL CALIFORNIA. <BRK>. ML 2.5 (BRK). Mo=2.2*10**13 Nm (BRK). Felt at Concord and Walnut Creek.
	05	08	01	31.1&	34.635	N	116.548	W	4				7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.5 (PAS).
	05	09	14	33.3*	31.566	S	68.958	W	129 ?			0.6	8	SAN JUAN PROVINCE, ARGENTINA
	05	09	31	48.0%	37.410	N	13.187	E	25 *			1.4	13	SICILY
a	05	09	42	53.5	10.541	S	164.201	E	25 D	5.2	4.5	1.1	110	SANTA CRUZ ISLANDS REGION
	05	10	14	45.0&	59.275	N	151.449	W	14				53	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.0 (AEIC).
	05	11	42	06.9	11.288	N	125.668	E	104 *	4.3		1.2	19	SAMAR, PHILIPPINE ISLANDS. Felt (II RF) at Palo, Leyte.
	05	11	43	59.3	39.532	N	143.274	E	25 D	5.0	4.8	1.0	102	OFF EAST COAST OF HONSHU, JAPAN
	05	11	47	49.4*	39.324	N	143.708	E	33 N			0.6	10	OFF EAST COAST OF HONSHU, JAPAN
	05	11	53	39.1%	39.384	N	22.825	E	10 G			0.4	6	GREECE
	05	12	19	44.6&	34.983	N	116.947	W	4				8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	05	12	24	49.8*	42.479	N	23.997	E	10 G			0.5	8	BULGARIA
	05	12	29	30.7*	45.813	N	14.172	E	10 G			0.3	5	NORTHWESTERN BALKAN REGION. MD 2.3 (LJU), 1.7 (TRI).
	05	12	44	20.2%	37.606	S	176.326	E	256 *			0.6	29	NORTH ISLAND, NEW ZEALAND
	05	12	49	06.4&	34.040	N	116.361	W	1				13	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.3 (GS).
	05	13	01	29.3	39.458	N	143.501	E	29	4.6		1.0	21	OFF EAST COAST OF HONSHU, JAPAN
	05	13	01	53.6&	33.195	N	115.601	W	5				7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.7 (GS). Multiple event. Felt at Westmorland.
	05	13	06	41.5%	39.978	N	24.558	E	10 G			1.2	5	AEGEAN SEA
	05	13	32	56.4	45.315	N	150.322	E	48	4.9	4.0	0.7	65	KURIL ISLANDS
	05	13	43	10.3*	16.550	S	172.398	W	20 D	4 8	4.3	0.7	36	SAMOA ISLANDS REGION
	05	14	01	46.4*	6.796	N	72.996	W	160 *	4.8		1.2	31	NORTHERN COLOMBIA
	05	14	05	03.0?	51.52	N	16.15	E	10 G			1.0	6	POLAND. MG 3.0 (WAR).
	05	14	08	58.0?	34.08	S	71.90	W	33 N			0.4	5	NEAR COAST OF CENTRAL CHILE
	05	14	15	44.5%	44.403	N	7.393	E	10 G			0.7	6	NORTHERN ITALY. ML 1.8 (GEN).
	05	14	20	18.9*	36.596	N	28.043	E	33 N			0.9	5	DODECANESE ISLANDS. ML 4.0 (CSS). MD 4.3 (HLW), 3.8 (ATH).
	05	14	20	28.9&	34.629	N	116.665	W	4				6	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	05	14	47	03.1%	33.752	S	71.632	W	10 G			0.6	10	NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	05	15	05	07.5&	34.039	N	116.357	W	1				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 2.9 (GS).
	05	15	28	26.8?	64.69	S	178.18	E	10 G	4.3		1.5	8	BALLENY ISLANDS REGION
	05	15	41	54.3&	34.647	N	116.529	W	4				16	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.9 (PAS). ML 3.9 (GS).
	05	16	32	17.2*	56.286	N	158.100	W	33 N	4.1		1.0	7	ALASKA PENINSULA. ML 4.0 (PMR). Felt (IV) at Chignik.
	05	17	00	18.8&	34.516	N	116.516	W	6				10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.0 (GS).
	05	17	18	49.1*	24.000	N	122.690	E	10 G	3.6		0.9	6	TAIWAN REGION
	05	17	26	10.9&	34.098	N	116.449	W	8				11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.6 (PAS), 3.3 (GS).
	05	19	05	04.7?	7.83	S	128.35	E	131 ?	4.4		1.4	6	BANDA SEA
a	05	19	33	00.7*	3.086	S	101.795	E	76 *	5.4		1.2	182	SOUTHERN SUMATERA, INDONESIA
	05	20	03	56.5&	34.270	N	116.868	W	5				10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 2.8 (GS).
	05	20	31	08.8%	33.153	S	70.840	W	10 G			0.3	9	CHILE-ARGENTINA BORDER REGION. MD 3.2 (SAN).
	05	21	07	34.9	42.235	N	19.555	E	10 G			0.4	10	NORTHWESTERN BALKAN REGION. ML 1.9 (TTG).
	05	21	35	58.0%	37.435	N	13.187	E	10 G			1.3	14	SICILY
	05	21	50	13.8	2.942	S	141.318	E	33 N	4.8	4.5	0.8	13	NEAR N COAST OF NEW GUINEA, PNG.
	05	22	12	50.0*	31.219	N	142.486	E	33 N	4.6	3.7	1.1	13	SOUTH OF HONSHU, JAPAN
	05	22	22	40.8&	34.979	N	116.952	W	0	4.4			44	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.8 (PAS), 4.9 (BRK). Felt (V) at Hinkley; (IV) at Newberry Springs, Trona and Yermo; (III) at Helendale, Rancho Cucamonga and Wrightwood. Also felt at Barstow, Daggett, Fort Irwin and Pasadena.
	05	22	33	09.9%	47.449	N	0.049	E	10 G			0.4	6	FRANCE. ML 1.9 (LDG).
	05	23	14	54.4&	34.113	N	116.421	W	0				7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	06	00	09	48.2&	37.637	N	118.939	W	9				16	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. MD 3.0 (GM). ML 3.1 (BRK).
	06	01	15	07.6%	46.085	N	2.663	W	10 G			0.7	20	BAY OF BISCAY. ML 3.1 (LDG).
	06	01	36	22.8?	32.92	S	69.19	W	33 N			1.1	6	MENDOZA PROVINCE, ARGENTINA
	06	01	59	58.8*	7.172	S	117.089	E	604 *	4.9		1.1	21	BALI SEA
	06	02	12	06.7*	37.415	N	13.164	E	28 *			1.5	13	SICILY
	06	02	21	06.5&	34.123	N	118.261	W	12				25	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 3.0 (GS). Felt (IV) at Burbank and Sun Valley.
	06	03	06	53.3*	37.207	N	13.048	E	33 N			1.0	17	SICILY
	06	04	23	15.1	37.358	N	13.162	E	19	3.7		1.3	44	SICILY. ML 3.6 (ROM).
	06	07	02	57.8&	62.977	N	150.665	W	118	3.2			63	CENTRAL ALASKA. <AEIC>.
	06	07	11	15.2?	37.46	N	13.22	E	10 G			0.8	5	SICILY
	06	07	32	41.3	59.809	N	6.071	E	33 N			1.2	19	SOUTHERN NORWAY. ML 3.7 (BGS). MD 3.4 (BER). Felt (V) at Rosendal.
	06	08	01	15 4?	37.15	N	13.17	E	10 G			1.1	6	SICILY
	06	08	01	28.5	59.878	N	6.075	E	10 G			0.7	8	SOUTHERN NORWAY. MD 2.3 (BER).
	06	08	23	09.6?	25.21	N	123.76	E	10 G	4.4		0.5	9	NORTHEAST OF TAIWAN
	06	08	24	13.7&	34.558	N	116.558	W	6				5	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	06	09	05	18.6	34.823	S	70.097	W	140 G			0.6	18	CHILE-ARGENTINA BORDER REGION. MD 4.2 (SAN).
	06	09	05	25.8?	37.63	N	3.61	W	10 G			0.1	4	SPAIN. mbLg 2.8 (MDD).
	06	09	13	15.9	43.101	N	0.621	W	10 G			0.4	8	PYRENEES. ML 1.0 (STR).
	06	09	59	57.3%	40.512	N	25.772	E	10 G			0.3	6	AEGEAN SEA
	06	10	27	10.9%	40.400	N	22.900	E	10 G			0.4	5	GREECE
	06	10	32	30.7	43.184	N	0.280	W	10 G			1.1	13	PYRENEES. ML 3.0 (LDG).
	06	12	26	01.7&	60.017	N	152.485	W	95				59	SOUTHERN ALASKA. <AEIC>.
	06	12	28	10.4%	33.588	S	70.383	W	20 G			0.3	8	CHILE-ARGENTINA BORDER REGION. MD 3.0 (SAN).
	06	13	06	48.6&	37.083	N	121.028	W	11				13	CENTRAL CALIFORNIA. <BRK>. ML 2.5 (BRK).
	06	13	14	43.1&	34.344	N	116.453	W	4				6	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 2.7 (GS).
	06	14	05	29.3%	38.522	S	175.936	E	181 *			0.6	24	NORTH ISLAND, NEW ZEALAND
	06	14	49	18.7&	34.629	N	116.629	W	9				10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 2.8 (GS).
	06	14	58	32 5	41.264	N	21.968	E	10 G			0.5	9	NORTHWESTERN BALKAN REGION. ML 1.8 (SKO).
o	06	15	45	24.2*	26.631	S	106.605	W	10 G	5.0	4.2	1.2	34	EASTER ISLAND REGION
	06	16	50	59.9&	35.026	N	116.968	W	5				30	CENTRAL CALIFORNIA. <PAS-P>. ML 4.0 (PAS), 4.0 (BRK), 3.6 (GS). Felt (III) at Helendale and Newberry Springs. Also felt at Barstow and Daggett.
	06	17	23	07 8&	34.602	N	116.574	W	9				14	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.2 (GS).

	06	17	30	01.1%	38.683	N	14.375	E	10	G		1 2	8	SICILY
	06	17	43	10.6	39.065	S	174.898	E	249		3.7	1.1	45	NORTH ISLAND, NEW ZEALAND
	06	17	53	09.1*	40.070	N	48.865	E	57	*	4.2	1.3	18	EASTERN CAUCASUS
	06	18	17	33.2	44.780	N	6.758	E	10	G		0.4	13	FRANCE. ML 2.1 (LDG), 2.0 (GEN).
	06	19	31	42.7?	44.74	N	6.70	E	10	G		1.2	4	FRANCE. ML 1.6 (GEN)
	06	19	42	52.6*	3 426	N	96.350	E	33	N	4.1	0.4	7	NORTHERN SUMATERA, INDONESIA
	06	20	39	51.4*	7.160	S	129.031	E	169	?	4.8	1.1	12	BANDA SEA
a	06	21	29	18.0	24.667	N	122.282	E	19	D	5.2 5.6	1.5	149	TAIWAN REGION. ML 5.6 (BJI).
	06	22	00	44.2&	34.656	N	116.681	W	3				6	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	06	22	16	32.1	14.561	N	97.026	E	24		4.0	1.0	14	NEAR SOUTH COAST OF MYANMAR
	06	22	45	52.1%	39.306	N	24.137	E	10	G		0.5	9	AEGEAN SEA
	06	22	51	19.8%	17.997	N	66.538	W	33	N		0.8	7	PUERTO RICO REGION
	06	22	57	52.4	38.091	N	21.974	E	19		3.8	1.3	42	GREECE. ML 3.7 (TIR). MD 3.6 (ATH).
	06	23	05	53.5*	11.915	S	166.551	E	216	?	4.6	1.0	30	SANTA CRUZ ISLANDS
	06	23	45	34.3%	38.628	N	15.497	E	10	G		1.4	7	SICILY
	07	00	42	32.4*	21.498	S	68.587	W	118	*	4.1	1.2	11	CHILE-BOLIVIA BORDER REGION
	07	00	43	28.3&	34.269	N	116.774	W	2				18	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.7 (PAS). ML 3.7 (GS). Felt (IV) at Calimesa, Fawnskin and Palm Springs. Felt (III) at Newberry Springs.
	07	01	13	28.1	39.334	N	20.749	E	10	G		0.9	13	GREECE-ALBANIA BORDER REGION. ML 2.8 (TIR).
	07	01	13	54.8&	34.110	N	116.390	W	0				6	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	07	02	04	24.7&	34.115	N	116.390	W	1				8	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 2.8 (GS).
	07	02	11	33.0&	34.113	N	116.393	W	0				6	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 2.9 (GS).
	07	02	20	14.5	29.932	N	138.966	E	415	*	4.4	0.5	25	SOUTH OF HONSHU, JAPAN
	07	05	33	22.9&	62.993	N	151.074	W	121				44	CENTRAL ALASKA. <AEIC>.
	07	05	43	04.2	43 392	N	5.438	E	10	G		1.0	16	NEAR SOUTH COAST OF FRANCE. ML 2.5 (STR).
	07	07	10	12.1	23.688	S	177.247	W	156	*	4.7	1.0	38	SOUTH OF FIJI ISLANDS
	07	08	00	09.5?	42.88	N	18.09	E	10	G		0.7	8	NORTHWESTERN BALKAN REGION. ML 2.1 (TTG).
	07	08	15	28.7*	19.153	S	69.651	W	112	*	4.3	1.5	11	NORTHERN CHILE
	07	08	28	46.3%	40.663	N	23.482	E	10	G		0.4	7	GREECE
	07	08	43	22.5	23.156	N	103.920	E	10	G	4.3	1.3	14	YUNNAN, CHINA. ML 4.3 (BJI).
	07	09	07	00.2?	21.98	S	178.52	W	634	?	4.7	0.4	12	FIJI ISLANDS REGION
	07	09	17	12.6%	42.777	N	19.185	E	10	G		0.3	7	NORTHWESTERN BALKAN REGION. ML 1.3 (TTG).
	07	09	52	01.4%	40.820	N	22.982	E	10	G		0.2	6	GREECE
	07	10	02	11.4*	34.854	S	178.487	W	14	D	5.2	1.4	34	SOUTH OF KERMADEC ISLANDS
	07	10	45	28.9	10.244	S	161.184	E	89	D	5.0	0.7	35	SOLOMON ISLANDS
a	07	11	11	41.6	35.728	N	135.152	E	358	D	5.6	1.0	439	WESTERN HONSHU, JAPAN
	07	12	06	09.9%	40.632	N	20.783	E	10	G		0.7	5	GREECE-ALBANIA BORDER REGION
	07	12	46	53.5%	41.382	N	23.444	E	10	G		0.4	5	GREECE-BULGARIA BORDER REGION
	07	12	52	01.9*	42.767	N	24.159	E	10	G		0.5	7	BULGARIA
	07	13	09	34.1&	48.855	N	129.254	W	10	G			12	VANCOUVER ISLAND REGION. <PGC-P>. ML 3.4 (PGC).
	07	13	11	54.4	32.522	N	95.926	E	33	N	4.7 4.0	1.0	62	XIJANG. ML 4.9 (BJI).
	07	13	24	31.3%	40.513	N	23.667	E	10	G		0.4	6	GREECE
	07	13	31	16.7&	62.945	N	150.857	W	101				54	CENTRAL ALASKA. <AEIC>.
	07	13	56	52.0&	34.236	N	116.886	W	3				7	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 2.7 (GS).
	07	14	17	50.2&	34.446	N	116.502	W	2				5	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.5 (PAS).
	07	14	18	51.8	45.958	N	14.187	E	10	G		0.5	6	NORTHWESTERN BALKAN REGION. ML 2.5 (VIE), 2.1 (LJU). MD 2.4 (TRI). Felt in the Lagatec region, Slovenia.
	07	14	31	30.5*	43.938	N	19.689	E	10	G		1.0	8	NORTHWESTERN BALKAN REGION. ML 2.1 (TTG).
	07	15	06	05.9*	32.401	S	71.234	W	33	N		0.9	14	NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN).
	07	16	16	09.2	42.183	N	19.374	E	29			1.3	71	NORTHWESTERN BALKAN REGION. ML 3.6 (ROM), 3.5 (TIR), 3.5 (TTG). MD 4.2 (TRI), 3.8 (VIE), 3.5 (ATH).
	07	16	31	32.8?	41.62	N	21.31	E	10	G		1.3	7	NORTHWESTERN BALKAN REGION
	07	16	37	32.7%	10.690	N	60.924	W	10	G		1.5	7	TRINIDAD. MD 3.5 (TRN).
	07	16	51	50.5	42.171	N	19.461	E	10	G		0.6	12	NORTHWESTERN BALKAN REGION. ML 2.3 (TTG).
	07	16	57	13.4	41.235	N	22.020	E	10	G		0.9	6	NORTHWESTERN BALKAN REGION
	07	17	05	03.6?	48.43	N	1.52	W	10	G		1.0	4	FRANCE. ML 2.0 (LDG).
	07	17	23	17.8&	45.860	N	119.590	W	1				60	WASHINGTON-OREGON BORDER REGION. <SEA>. MD 3.9 (SEA). ML 3.7 (GS). Felt (V) at Paterson, Washington and Irrigan, Oregon. Also felt at Boardman, Hector, Milton-Freewater, Stanfield and Umatilla, Oregon.
	07	18	13	34.1&	61.444	N	141.509	W	0				24	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
f	07	18	19	20.4	57.589	N	142.846	W	14	G	6.3 6.6	1.0	579	GULF OF ALASKA. ML 6.4 (AEIC). Ms 6.7 (BRK). Mo=5.0*10**19 Nm (PPT). Felt strongly at Yakutat. Felt (V) at Fort Richardson; (IV) at Cooper Landing, Pelican and Whittier; (III) at Chitina, Chugiak, Cordova, Elfin Cove, Juneau, Karluk, Larsen Bay, Moose Pass, Petersburg, Skagway and Skwentna; (II) at Anchorage. Felt throughout much of southern and southeastern Alaska. Also felt at Carcross and Whitehorse, Yukon Territory, Canada and at Pleasant Camp, British Columbia, Canada. Depth from broadband displacement seismograms.
	07	18	33	25.9	57.595	N	143.178	W	10	G	4.4	0.7	95	GULF OF ALASKA. ML 4.5 (PMR), 4.4 (AEIC).
	07	18	39	57.0&	57.630	N	142.794	W	10	G			16	GULF OF ALASKA. <AEIC>. ML 2.8 (AEIC).
	07	19	01	01.5&	57.575	N	142.820	W	10	G			32	GULF OF ALASKA. <AEIC>. ML 3.2 (AEIC).
	07	19	04	08.5&	34.219	N	116.744	W	2				11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.3 (GS).
	07	19	16	05.1&	37.450	N	118.826	W	10				22	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.3 (GM). ML 3.4 (BRK), 3.1 (GS).
	07	19	16	29.2&	57.622	N	142.589	W	10	G			14	GULF OF ALASKA. <AEIC>. ML 2.6 (AEIC).
	07	19	18	21.5&	57.532	N	142.888	W	10	G			10	GULF OF ALASKA. <AEIC>. ML 2.5 (AEIC).
	07	19	21	39.2&	57.717	N	142.718	W	10	G			9	GULF OF ALASKA. <AEIC>. ML 2.9 (AEIC).
	07	20	02	48.7&	57.778	N	142.900	W	10	G			43	GULF OF ALASKA. <AEIC>. ML 3.1 (AEIC).
	07	20	16	45.7&	57.547	N	142.918	W	10	G			36	GULF OF ALASKA. <AEIC>. ML 2.8 (AEIC).
	07	20	27	02.4&	57.675	N	142.873	W	10	G			21	GULF OF ALASKA. <AEIC>. ML 3.3 (AEIC).
	07	20	32	50.6&	57.525	N	142.741	W	10	G			13	GULF OF ALASKA. <AEIC>. ML 2.6 (AEIC).
	07	20	39	21.0&	57.687	N	142.883	W	10	G			21	GULF OF ALASKA. <AEIC>. ML 3.0 (AEIC).
	07	20	57	52.8	6.195	S	150.288	E	92	*	5.0	0.9	74	NEW BRITAIN REGION, P.N.G.
	07	21	05	49.1	51.205	S	160.349	E	10	G	4.7 5.4	0.9	28	NORTH OF MACQUARIE ISLAND
	07	21	20	15.0&	57.550	N	142.587	W	10	G			21	GULF OF ALASKA. <AEIC>. ML 2.8 (AEIC).
	07	21	50	06.8&	57.601	N	142.667	W	10	G			15	GULF OF ALASKA. <AEIC>. ML 2.6 (AEIC).
	07	22	16	54.6%	43.550	N	4.619	E	10	G		0.9	24	NEAR SOUTH COAST OF FRANCE. ML 3.0 (LDG).
	07	22	30	30.7	43.717	N	13.322	E	25	*		0 8	8	CENTRAL ITALY

	07	22	46	09.9?	34 35	N	22.74	E	33	N	3 4		1.3	7	CENTRAL MEDITERRANEAN SEA MD 3.8 (ATH).
	07	23	23	28 0	27 927	N	129.588	E	36	D	4.7	4.4	1.2	65	RYUKYU ISLANDS
	08	00	07	07 4	41.752	N	19.307	E	13				1 3	36	ALBANIA. ML 2 9 (TTG), 2.8 (TIR). MD 3.1 (ATH).
	08	01	02	58.7?	32.40	S	71.31	W	33	N			0 5	8	NEAR COAST OF CENTRAL CHILE MD 3.7 (SAN).
	08	01	05	33.7?	41.86	N	22.87	E	10	G			0.3	6	NORTHWESTERN BALKAN REGION
a	08	01	08	05.7	31.566	S	179.997	W	392	D	5.5		1 2	312	KERMADEC ISLANDS REGION. Mo=2.5*10**1B Nm (PPT). Felt at Gisborne and Paraparaumu, New Zealand.
	08	01	46	24.9&	57.459	N	142.771	W	10	G				69	GULF OF ALASKA. <AEIC> ML 3 5 (AEIC).
	08	02	03	52.6	44.539	N	7.368	E	10	G			1.1	31	NORTHERN ITALY ML 2.6 (GEN), 2.6 (LDG).
	08	02	11	29.0&	57.574	N	142.836	W	10	G				13	GULF OF ALASKA. <AEIC> ML 2.6 (AEIC).
	08	02	13	37.7&	57.484	N	142.850	W	10	G				17	GULF OF ALASKA. <AEIC>. ML 2.7 (AEIC).
	08	02	50	16.6	10.063	N	126.158	E	52		5.2	4.7	1.0	148	PHILIPPINE ISLANDS REGION
	08	03	39	59.1*	39.140	N	21.946	E	10	G			1.3	7	GREECE
	08	03	40	44.6&	34.509	N	116.518	W	7					7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	08	04	02	28.6&	57.569	N	142.667	W	10	G				38	GULF OF ALASKA. <AEIC>. ML 3.1 (AEIC).
	08	05	20	38.5?	41.58	N	23.05	E	10	G			0.7	4	GREECE-BULGARIA BORDER REGION
	08	05	55	55.2*	40.662	N	20.880	E	10	G			0.2	5	GREECE-ALBANIA BORDER REGION
	08	06	41	57.1?	35.31	S	71.29	W	100	G			0.3	8	CENTRAL CHILE. MD 3.6 (SAN).
	08	07	08	47.3&	63.266	N	151.895	W	6					53	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC), 3.0 (PMR).
	08	07	46	02.8&	57.694	N	143.044	W	10	G				14	GULF OF ALASKA. <AEIC>. ML 2.6 (AEIC).
	08	08	00	29.7&	57.639	N	142.620	W	10	G				18	GULF OF ALASKA. <AEIC>. ML 2.7 (AEIC).
	08	08	08	56.4&	34.630	N	116.553	W	9					8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	08	08	19	20.1&	57.500	N	142.932	W	10	G				62	GULF OF ALASKA. <AEIC>. ML 3.2 (AEIC).
	08	08	39	14.3*	61.941	N	4.435	E	10	G			0.9	9	SOUTHERN NORWAY. ML 1.6 (NAO). MD 2.2 (BER).
	08	11	20	16.0	49.140	N	6.911	E	10	G			0.B	17	GERMANY. ML 3.1 (STR).
	08	11	31	07.1?	42.70	N	2.27	E	10	G			0.5	4	PYRENEES. ML 1.7 (STR).
	08	12	07	48.7*	25.394	N	91.912	E	50 *		4.3		1.1	15	INDIA-BANGLADESH BORDER REGION
	08	12	31	20.7&	57.581	N	142.831	W	10	G				15	GULF OF ALASKA. <AEIC>. ML 2.5 (AEIC).
	08	12	37	09.0	39.050	S	177.699	E	118 *		4.1		1.2	40	OFF E. COAST OF N. ISLAND, N.Z.
	08	12	42	59.3%	33.837	S	70.903	W	70	G			0.3	6	CHILE-ARGENTINA BORDER REGION
	08	13	34	17.6*	22.517	N	121.478	E	10	G	3.9	4.0	1.4	19	TAIWAN REGION. ML 4.0 (BJI).
	08	14	52	21.4	42.067	N	142.682	E	54		5.2		0.9	220	HOKKAIDO, JAPAN REGION
	08	15	15	01.7?	32.24	S	70.51	W	100	G			0.3	9	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	08	15	36	33.0%	42.417	N	19.322	E	10	G			0.2	9	NORTHWESTERN BALKAN REGION. ML 1.4 (TTG).
	08	15	37	43.3&	34.377	N	116.458	W	3					36	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.4 (PAS), 4.3 (BRK), 4.3 (GS). Felt (IV) at Beaumont, Fawnskin, La Quinta, Moranga Valley, Palm Springs, Pioneertown and Redlands; (III) at Newberry Springs and Thousand Palms. Also felt at Banning, Indio, Joshua Tree, Palm Desert and Pasadena.
	08	15	50	20.6?	15.87	S	174.18	W	33	N			0.9	13	TONGA ISLANDS
	08	16	39	18.4*	44.136	N	11.204	E	10	G			0.4	5	NORTHERN ITALY. MD 2.5 (FIR).
	08	17	18	52.5%	44.194	N	11.188	E	10	G			1.2	5	NORTHERN ITALY. MD 2.5 (FIR).
	08	17	45	07.3*	41.848	N	126.838	W	10	G			0.5	37	OFF COAST OF NORTHERN CALIFORNIA
	08	18	12	40.8?	16.32	N	100.08	W	33	N			0.8	7	NEAR COAST OF GUERRERO, MEXICO
	08	19	07	25.9&	61.046	N	150.782	W	41					64	SOUTHERN ALASKA. <AEIC>. ML 3.2 (AEIC), 3.4 (PMR).
	08	19	37	51.8	23.958	N	121.662	E	24		4.1		1.2	26	TAIWAN. ML 4.4 (BJI).
	08	19	50	42.6?	29.87	N	90.27	E	33	N	4.3		0.4	7	XIJANG
a	08	20	38	37.5	5.774	S	146.895	E	126		5.4		0.9	36	EASTERN NEW GUINEA REG., P.N.G.
	08	20	42	09.9	50.413	N	7.433	E	10	G			1.0	8	GERMANY. ML 2.3 (LDG), 1.7 (BNS).
	08	22	12	18.5&	57.508	N	142.912	W	10	G				21	GULF OF ALASKA. <AEIC>. ML 3.0 (AEIC).
	08	22	24	26.6?	31.45	S	69.39	W	125	G			0.5	6	SAN JUAN PROVINCE, ARGENTINA
	08	23	16	43.4	24.013	N	122.512	E	58		4.6		0.8	34	TAIWAN REGION
	08	23	17	29.7*	31.275	S	69.804	W	130	G			0.7	18	SAN JUAN PROVINCE, ARGENTINA. MD 4.2 (SAN).
	08	23	46	57.3&	34.946	N	116.926	W	0					12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.0 (GS).
	09	00	52	11.2	44.064	N	11.171	E	16				1.3	48	NORTHERN ITALY. ML 3.2 (LDG). MD 3.5 (LJU), 3.2 (FIR).
	09	00	53	08.5%	44.121	N	11.210	E	10	G			0.5	5	NORTHERN ITALY
	09	00	55	34.2	44.083	N	11.168	E	10	G			1.2	23	NORTHERN ITALY. ML 2.5 (LDG) MD 2.9 (FIR).
	09	00	58	41.2%	44.160	N	11.235	E	10	G			0.5	5	NORTHERN ITALY. MD 2.4 (FIR).
	09	01	33	06.2	43.005	N	0.407	W	10	G			1.3	11	PYRENEES. ML 2.6 (LDG).
	09	01	49	55.4%	31.284	S	68.300	W	110 ?				0.6	8	SAN JUAN PROVINCE, ARGENTINA
	09	02	54	56.9%	39.029	N	27.715	E	10	G			0.5	6	TURKEY
	09	03	02	13.2%	43.970	N	11.892	E	10	G			0.6	8	CENTRAL ITALY
	09	03	04	37.2*	3.652	S	69.628	E	10	G	4.9		1.4	25	CHAGOS ARCHIPELAGO REGION
	09	03	20	54.2&	37.938	N	118.584	W	8					23	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.9 (GM). ML 3.3 (BRK), 3.0 (GS).
	09	04	57	31.1&	35.015	N	116.964	W	0					11	CENTRAL CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 2.7 (GS).
	09	05	20	07.5	30.689	S	71.801	W	71 *				1.0	24	NEAR COAST OF CENTRAL CHILE. MD 4.6 (SAN).
	09	05	21	55.0	41.897	N	126.752	W	10	G			0.6	46	OFF COAST OF NORTHERN CALIFORNIA
	09	07	50	38.6*	40.345	N	21.794	E	10	G			0.1	5	GREECE
	09	08	07	06.7	36.646	N	116.312	W	10	G			1.0	22	CALIFORNIA-NEVADA BORDER REGION. ML 3.2 (GS). Felt (III) at Amargosa Valley, Nevada.
	09	09	00	05.1&	57.604	N	142.746	W	10	G				23	GULF OF ALASKA. <AEIC>. ML 2.8 (AEIC).
	09	09	42	10.7%	41.280	N	23.321	E	10	G			0.6	7	GREECE-BULGARIA BORDER REGION
	09	09	54	51.4	13.535	N	144.378	E	158		4.6		0.8	28	MARIANA ISLANDS. Felt (III) at Tamuning, Guam.
	09	10	21	58.0?	17.54	S	179.24	W	588 ?		5.0		0.6	17	FIJI ISLANDS REGION
	09	10	55	09.3&	57.563	N	142.889	W	10	G				42	GULF OF ALASKA. <AEIC>. ML 2.9 (AEIC).
	09	11	12	54.5	16.703	N	62.174	W	10	G			0.5	7	LEEWARD ISLANDS. MD 3.3 (TRN). ML 3.0 (FDF).
	09	11	32	21.8?	33.96	S	72.10	W	33	N			0.6	8	OFF COAST OF CENTRAL CHILE. MD 3.5 (SAN).
	09	11	35	27.8&	57.618	N	142.882	W	10	G				37	GULF OF ALASKA. <AEIC>. ML 2.9 (AEIC).
	09	12	01	30.1	39.827	N	69.903	E	33	N	4.6		1.3	30	TAJIKISTAN. Felt (VI) at Leninabad and (II) at Dushanbe. Felt (II) at Tashkent, Uzbekistan.
	09	12	02	48.2&	57.499	N	142.764	W	10	G				12	GULF OF ALASKA. <AEIC>. ML 2.6 (AEIC).
	09	12	58	13.5?	31.86	S	68.10	W	100	G			0.4	5	SAN JUAN PROVINCE, ARGENTINA
	09	14	27	14.0?	36.83	S	176.94	E	270	G			0.7	13	OFF E. COAST OF N. ISLAND, N.Z.
	09	15	16	30.6	30.931	N	78.487	E	33	N	4.0		0.5	9	NORTHERN INDIA
	09	15	35	11.0*	37.263	N	1.920	W	10	G			1.2	8	SPAIN mbLg 2.6 (MDD).
	09	16	22	00.0*	21.942	S	169.977	E	17	D	4.7	4.6	1.1	31	LOYALTY ISLANDS REGION
a	09	16	28	03.2	21.828	S	170.108	E	19	D	5.2	4.9	1.0	88	LOYALTY ISLANDS REGION
	09	16	47	32.1*	22.534	S	170.057	E	33	N	4.6		1.0	20	LOYALTY ISLANDS REGION
	09	17	24	06.3?	17.54	N	95.57	W	33	N			0.9	6	OAXACA, MEXICO
	09	17	24	44.3	18.634	N	63.714	W	33	N			0.6	19	LEEWARD ISLANDS. ML 4.4 (FDF).
	09	19	20	33.3&	36.048	N	117.593	W	1					12	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 2.8 (PAS).

	09	19	40	33.9	38 778	S	177.492	E	80		4.2	1.3	34	NORTH ISLAND, NEW ZEALAND
a	09	19	49	44 1	4.005	N	126.360	E	73		6.1	0.9	394	TALAUD ISLANDS, INDONESIA. Felt (II RF) at Cagayan de Oro and (I RF) at Bislig and Surigao del Sur, Philippine Islands. Complex event observed on broadband displacement seismograms.
	09	20	54	32.2?	50.38	N	176.51	W	33	N	4.5	0.9	11	ANDREANOF ISLANDS, ALEUTIAN IS.
	09	21	05	52.1&	34.770	N	96.491	W	5	G			5	OKLAHOMA. <TUL>. MD 2.2 (TUL). Felt (I) at Ada.
	09	21	20	57.4?	35.41	S	72.73	W	33	N		0.8	15	NEAR COAST OF CENTRAL CHILE. MD 4.2 (SAN).
	09	22	12	48.8	43.287	N	12.719	E	10	G		0.6	16	CENTRAL ITALY
	09	22	34	46.4	28.697	N	86.533	E	37	*	4.3	1.3	20	XIJANG
	09	23	53	53.1*	15.945	N	60.766	W	31	*		0.5	7	LEEWARD ISLANDS. ML 2.7 (FDF).
	09	23	57	59.6	37.921	S	175.811	E	297		4.2	1.0	51	NORTH ISLAND, NEW ZEALAND
	10	01	44	37.8	39.644	N	26.006	E	10	G		0.4	10	TURKEY
	10	01	57	46.9&	29.000	N	98.500	W	5	G			4	CENTRAL TEXAS. <MACRO>. mbLg 2.8 (GS). Felt in the Jourdanton area.
	10	02	00	39.1*	39.249	N	0.592	E	10	G		1.0	8	SPAIN. mbLg 3.4 (MDD).
	10	02	06	00.4&	34.976	N	116.954	W	0				12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.0 (GS). Felt at Barstow.
	10	02	14	29.4	31.743	S	69.898	W	130	G		0.5	16	SAN JUAN PROVINCE, ARGENTINA. MD 3.9 (SAN).
	10	02	46	56.6	15.240	S	173.609	W	35	D	5.1 5.0	0.9	62	TONGA ISLANDS
a	10	02	52	48.5	21.707	S	169.874	E	30	D	5.2 5.1	0.8	58	LOYALTY ISLANDS REGION
a	10	03	04	35.7	27.701	S	73.953	E	10	G	5.6 5.1	1.0	123	MID-INDIAN RIDGE
	10	03	58	30.8*	34.939	S	70.267	W	5	G		0.8	9	CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).
	10	04	39	40.3%	42.187	N	13.257	E	10	G		0.9	8	CENTRAL ITALY
	10	05	17	58.9?	34.95	S	71.93	W	10	G		0.1	8	NEAR COAST OF CENTRAL CHILE. MD 3.5 (SAN).
	10	05	18	38.8%	42.767	N	19.054	E	10	G		0.7	9	NORTHWESTERN BALKAN REGION. ML 1.4 (TTG).
	10	05	35	38.7*	19.569	N	77.811	W	33	N	4.3	1.2	10	CUBA REGION
	10	05	48	29.5%	33.722	S	71.280	W	50	G		0.2	9	NEAR COAST OF CENTRAL CHILE. MD 3.1 (SAN).
	10	05	57	04.8?	44.67	N	152.30	E	33	N	4.5	1.1	11	EAST OF KURIL ISLANDS
	10	06	05	22.7&	34.437	N	116.459	W	3				12	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS). Double event.
	10	06	09	08.4*	11.655	N	87.621	W	33	N	4.1	0.9	17	NEAR COAST OF NICARAGUA. Foreshock.
a	10	06	09	15.4	11.762	N	87.309	W	33	N	5.2 5.6	1.3	165	NEAR COAST OF NICARAGUA. Mo=7.9*10**17 Nm (PPT).
	10	06	32	35.2?	11.92	N	87.62	W	33	N	4.7	0.7	18	NEAR COAST OF NICARAGUA
	10	06	34	13.6	11.783	N	87.391	W	33	N	4.7	1.1	70	NEAR COAST OF NICARAGUA
	10	08	32	43.6	38.512	S	176.201	E	169	*		0.8	37	NORTH ISLAND, NEW ZEALAND
	10	08	52	11.7%	40.660	N	23.024	E	10	G		0.4	5	GREECE
	10	09	09	53.1&	59.877	N	153.788	W	139				60	SOUTHERN ALASKA. <AEIC>.
	10	10	13	39.5?	33.83	S	72.83	W	10	G		0.4	9	OFF COAST OF CENTRAL CHILE. MD 3.7 (SAN).
	10	10	30	10.6?	40.81	N	22.97	E	10	G		0.1	4	GREECE
	10	10	39	31.9	40.532	S	173.165	E	265		4.4	0.8	46	COOK STRAIT, NEW ZEALAND
	10	11	21	23.1&	34.618	N	96.542	W	5	G			4	OKLAHOMA. <TUL>. MD 2.2 (TUL).
	10	11	58	00.8*	39.334	N	23.022	E	10	G		0.8	6	AEGEAN SEA
	10	12	46	32.2&	58.915	N	154.219	W	105				42	ALASKA PENINSULA. <AEIC>.
	10	12	57	08.6*	16.420	N	98.211	W	33	N	3.7	1.1	8	NEAR COAST OF GUERRERO, MEXICO
a	10	13	42	35.1	36.037	N	69.688	E	112	D	5.3	1.0	306	HINDU KUSH REGION, AFGHANISTAN
	10	13	48	12.8*	36.512	N	7.675	W	10	G		1.2	10	STRAIT OF GIBRALTAR. mbLg 3.1 (MDD). MD 2.9 (RBA).
	10	14	12	18.6	42.864	N	19.516	E	10	G		0.3	8	NORTHWESTERN BALKAN REGION. ML 1.5 (TTG).
	10	17	37	28.9%	34.012	S	70.726	W	90	G		0.4	9	CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).
	10	18	08	21.2&	38.803	N	122.767	W	2				6	NORTHERN CALIFORNIA. <BRK>. ML 3.0 (BRK).
	10	19	54	11.8*	38.442	N	0.049	W	10	G		1.2	21	SPAIN. mbLg 3.2 (MDD).
	10	20	03	04.2&	34.982	N	97.453	W	5	G			6	OKLAHOMA. <TUL>. MD 2.9 (TUL). Felt (IV) in McClain County.
	10	20	05	39.2?	31.44	S	68.96	W	33	N		1.5	6	SAN JUAN PROVINCE, ARGENTINA
	10	20	52	40.4%	48.047	N	5.737	E	10	G		0.9	7	FRANCE. ML 1.9 (LDG).
	10	20	53	31.2*	13.026	N	88.938	W	78	*	4.4	0.7	12	EL SALVADOR. Felt (III) at San Salvador.
	10	21	36	29.1%	33.036	S	72.112	W	10	G		0.3	9	OFF COAST OF CENTRAL CHILE. MD 3.8 (SAN).
	10	21	46	22.2&	35.023	N	116.970	W	6				9	CENTRAL CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	10	21	54	57.4&	34.097	N	116.399	W	5				8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	10	23	16	15.5*	37.368	S	179.139	E	29		4.6	1.0	23	OFF E. COAST OF N. ISLAND, N.Z. ML 4.7 (WEL).
	10	23	28	32.5*	23.992	N	95.705	E	33	N		1.2	9	MYANMAR
	10	23	36	17.0?	34.59	S	70.48	W	120	G		0.2	7	CHILE-ARGENTINA BORDER REGION. MD 3.2 (SAN).
	10	23	37	00.8%	43.215	N	18.959	E	10	G		0.6	8	NORTHWESTERN BALKAN REGION. ML 1.6 (TTG).
	10	23	59	46.5*	40.903	N	30.709	E	10	G		0.4	5	TURKEY
a	11	00	01	30.2	0.123	S	125.186	E	59	D	5.5	1.2	123	SOUTHERN MOLUCCA SEA
	11	00	04	38.4?	20.65	S	169.22	E	191	*	5.1	1.4	32	VANUATU ISLANDS
a	11	01	44	24.7	24.627	N	141.165	E	192	D	5.0	1.0	155	VOLCANO ISLANDS REGION
	11	01	55	45.1	0.115	S	127.175	E	38	*	5.0 5.2	1.1	27	HALMAHERA, INDONESIA
	11	02	44	46.6	47.687	N	6.973	E	10	G		1.2	13	FRANCE. ML 2.1 (LDG), 1.8 (STR).
	11	03	08	11.0	42.370	N	19.452	E	10	G		1.2	27	NORTHWESTERN BALKAN REGION. MD 2.7 (TTG).
a	11	04	03	45.8	80.213	N	1.048	W	18	D	5.1 5.0	1.0	198	NORTH OF SVALBARD
	11	04	14	02.3	37.921	N	23.073	E	10	G		1.3	9	SOUTHERN GREECE. MD 3.0 (ATH).
	11	04	19	32.1?	36.63	N	22.73	E	60	G		0.8	6	SOUTHERN GREECE
	11	04	45	25.6	31.675	S	68.240	W	33	N		0.9	6	SAN JUAN PROVINCE, ARGENTINA
	11	05	05	05.6?	17.69	S	173.53	W	33	N	5.2	1.4	9	TONGA ISLANDS
a	11	05	23	48.8	11.757	N	87.407	W	26	D	5.1 5.2	1.4	114	NEAR COAST OF NICARAGUA. Felt (II) at San Salvador, El Salvador.
	11	06	08	23.7?	32.52	S	70.36	W	100	G		0.3	9	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	11	06	11	17.2&	34.061	N	116.374	W	1				32	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.3 (PAS), 4.2 (BRK), 4.0 (GS). Felt (IV) at Idyllwild, Joshua Tree, La Quinta, Morongo Valley, Pioneertown, Yucca Valley and White Water; (III) at Highland, Newberry Springs and Ramona; (II) at Beaumont and Desert Center.
	11	07	38	57.1?	41.09	N	29.02	E	10	G		0.2	4	TURKEY
	11	08	12	18.5*	32.096	S	70.694	W	100	G		0.9	17	CHILE-ARGENTINA BORDER REGION. MD 4.1 (SAN).
	11	08	12	55.0&	66.596	N	153.552	W	10	G			12	NORTHERN ALASKA. <AEIC>. ML 3.0 (AEIC).
	11	08	21	46.9*	34.898	N	26.560	E	10	G	4.1	1 6	45	CRETE. MD 4.4 (ATH), 4.1 (HLW).
	11	09	04	39.0%	44.285	N	8.012	E	5	G		0 3	6	NORTHERN ITALY. ML 1.7 (GEN).
	11	09	19	29.6&	58.310	N	142.719	W	10	G			24	GULF OF ALASKA. <AEIC>. ML 2.5 (AEIC).
a	11	09	34	17.5	43.300	N	135.511	E	364	D	5.3	0.9	349	NEAR SOUTHEAST COAST OF RUSSIA
	11	11	21	16.2	47.481	N	112.757	W	5	G		0.4	12	MONTANA. ML 3.4 (BUT), 3.1 (GS).
	11	11	28	39.5&	34.625	N	116.608	W	5				12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.1 (GS).
	11	11	32	00.9?	42.91	N	24.18	E	10	G		0 4	5	BULGARIA

	11	11 36 38.3%	44.417	N	7.283	E	10	G			0.3	9	NORTHERN ITALY. ML 2.0 (GEN).
	11	11 41 00.1	41.187	N	20.226	E	5	G			1.1	21	ALBANIA. MD 3.2 (ATH). ML 2.9 (TIR), 2.8 (SKO), 2.8 (TTG).
	11	12 00 56.5?	23.58	N	125.40	E	33	N	4.3		0.9	8	SOUTHWESTERN RYUKYU ISLANDS
	11	12 42 28.8&	57.453	N	142.664	W	10	G				16	GULF OF ALASKA. <AEIC> ML 2.5 (AEIC).
	11	13 24 55.2&	63.270	N	151.168	W	10					52	CENTRAL ALASKA. <AEIC>. ML 2.9 (AEIC), 3.4 (PMR).
	11	13 35 54.5%	15.468	N	93.964	W	33	N			0.6	7	NEAR COAST OF CHIAPAS, MEXICO
	11	13 44 05.7	0.453	N	123.792	E	244		4.9		1.1	107	MINAHASSA PENINSULA, SULAWESI
	11	14 00 16.4*	37.713	S	177.179	E	178	*	3.8		1.3	33	OFF E. COAST OF N. ISLAND, N.Z.
f	11	15 14 55.1	32.536	N	141.641	E	16	G	5.8	6.3	1.1	385	SOUTH OF HONSHU, JAPAN. Ms 6.1 (BRK). Mo=3.2*10**18 Nm (PPT). Depth from broadband displacement seismograms.
	11	15 48 48.5	32.486	N	141.755	E	33	N	4.6		0.8	17	SOUTH OF HONSHU, JAPAN
	11	15 52 12.5*	24.072	S	66.692	W	209	*	4.4		1.7	21	SALTA PROVINCE, ARGENTINA
	11	16 40 53.3*	20.590	S	69.148	W	99	D			1.7	10	NORTHERN CHILE
	11	17 03 27.4*	33.263	S	72.030	W	10	G			0.8	13	OFF COAST OF CENTRAL CHILE. MD 4.1 (SAN).
	11	17 54 50.1?	10.09	N	126.53	E	33	N			0.6	4	PHILIPPINE ISLANDS REGION
	11	18 04 05.6%	43.004	N	19.267	E	10	G			0.3	7	NORTHWESTERN BALKAN REGION. ML 1.6 (TTG).
	11	18 27 46.8&	57.601	N	143.057	W	10	G				54	GULF OF ALASKA. <AEIC>. ML 3.7 (AEIC).
	11	19 23 35.7?	40.69	N	29.63	E	10	G			1.0	4	TURKEY
	11	19 29 26.0&	63.819	N	150.545	W	13					52	CENTRAL ALASKA. <AEIC>. ML 3.1 (AEIC), 3.5 (PMR).
	11	19 30 50.4	1.849	N	126.533	E	100	*	5.0		1.2	24	NORTHERN MOLUCCA SEA
	11	20 48 22.7*	32.531	S	70.791	W	81	*			0.3	10	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
	11	20 51 33.0%	42.339	N	14.041	E	10	G			1.1	9	CENTRAL ITALY
	11	20 54 24.3?	17.06	N	60.72	W	10	G			0.8	9	LEEWARD ISLANDS. MD 3.1 (TRN). ML 2.5 (FDF).
	11	21 06 46.2?	42.84	N	145.97	E	33	N	4.3		0.8	11	HOKKAIDO, JAPAN REGION
	11	21 13 10.5&	34.563	N	116.445	W	1					8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	11	22 26 58.5?	38.12	S	175.46	E	180	G			0.5	17	NORTH ISLAND, NEW ZEALAND
	11	22 39 31.3*	47.916	N	16.442	E	10	G			0.5	6	AUSTRIA. ML 2.1 (VIE), 2.1 (BRA) Felt (IV) at Wiener Neustadt.
	11	23 08 25.0&	34.248	N	116.433	W	3					14	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.3 (GS).
	11	23 15 35.2%	44.358	N	11.499	E	10	G			0.4	9	NORTHERN ITALY
	11	23 27 29.5&	34.248	N	116.432	W	4					16	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.7 (PAS), 3.4 (GS).
	12	00 15 05.6%	44.261	N	11.503	E	10	G			0.7	7	NORTHERN ITALY
	12	00 19 20.2	44.424	N	11.450	E	20				0.9	31	NORTHERN ITALY. ML 2.9 (LDG). MD 2.5 (FIR).
	12	00 20 27.5?	48.17	N	16.56	E	10	G			0.4	4	AUSTRIA. ML 1.9 (BRA), 1.5 (VIE). Felt (III) at Wiener Neustadt.
	12	00 36 08.0&	35.015	N	116.965	W	5					8	CENTRAL CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	12	00 39 42.2	41.544	N	20.564	E	10	G			0.9	18	ALBANIA. ML 2.7 (TTG), 2.6 (TIR). Felt (IV) at Debor, Yugoslavia.
	12	00 58 27.6?	46.86	N	0.86	W	10	G			1.4	7	FRANCE. ML 2.4 (LDG).
	12	01 49 37.0*	52.808	N	159.970	E	33	N	4.6		0.9	17	OFF EAST COAST OF KAMCHATKA
	12	02 30 50.6*	21.679	S	169.216	E	62	*	4.7		1.5	32	LOYALTY ISLANDS REGION
	12	02 57 06.8%	43.003	N	19.946	E	5	G			0.4	6	NORTHWESTERN BALKAN REGION. ML 1.4 (TTG).
	12	03 19 07.7%	40.660	N	23.563	E	10	G			0.3	8	GREECE
	12	03 26 21.6&	33.065	N	116.616	W	16					6	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 3.1 (GS). Felt (III) at Escondido.
	12	03 26 36.2&	33.065	N	116.614	W	24					11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.2 (GS).
	12	04 14 53.3*	40.463	N	20.357	E	10	G			1.5	6	GREECE-ALBANIA BORDER REGION. MD 3.0 (ATH). ML 2.8 (TIR).
	12	04 26 25.1?	34.37	S	71.37	W	60	G			0.1	9	NEAR COAST OF CENTRAL CHILE. MD 3.5 (SAN).
	12	04 33 51.2	44.889	N	7.641	E	10	G			0.8	44	NORTHERN ITALY. ML 3.0 (LDG), 2.8 (GEN).
	12	05 53 37.3%	43.333	N	19.964	E	10	G			0.4	8	NORTHWESTERN BALKAN REGION. ML 1.7 (TTG).
	12	06 11 44.4?	4.86	S	151.49	E	149	?	4.6		0.8	6	NEW BRITAIN REGION, P.N.G.
	12	06 25 28.4%	33.449	S	70.665	W	73	?			0.3	9	CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).
	12	06 26 33.2%	33.378	S	71.680	W	33	N			0.6	10	NEAR COAST OF CENTRAL CHILE
a	12	06 36 12.0	32.755	N	141.698	E	33	N	5.5	5.7	1.3	224	SOUTH OF HONSHU, JAPAN. Mo=1.0*10**18 Nm (PPT).
	12	07 05 19.4?	32.50	N	142.49	E	33	N	3.7		0.4	5	SOUTH OF HONSHU, JAPAN
	12	07 09 41.7	39.139	N	27.627	E	10	G			0.4	6	TURKEY
	12	07 13 09.6	32.491	N	141.643	E	33	N	4.7		0.4	12	SOUTH OF HONSHU, JAPAN
	12	08 07 48.5	51.319	N	177.742	E	33	N	4.5		1.2	36	RAT ISLANDS, ALEUTIAN ISLANDS
	12	08 52 50.7&	34.156	N	116.432	W	7					10	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	12	09 00 13.2?	40.44	N	23.65	E	10	G			0.8	4	GREECE
	12	09 13 16.4%	43.034	N	16.712	E	10	G			0.4	8	NORTHWESTERN BALKAN REGION. ML 2.6 (TTG).
	12	10 35 29.9&	57.505	N	143.081	W	10	G				54	GULF OF ALASKA. <AEIC>. ML 3.2 (AEIC).
	12	11 18 14.1&	40.402	N	124.518	W	13					17	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.2 (BRK). Felt (IV) at Ferndale, Fortuna, Honeydew, Myers Flat, Redcrest, Rio Dell, Somoa and Scotia. Also felt at Eureka and Miranda.
	12	11 40 23.1*	41.662	N	22.337	E	10	G			0.9	6	NORTHWESTERN BALKAN REGION
	12	11 54 09.4&	58.530	N	152.725	W	62					38	KODIAK ISLAND REGION. <AEIC>. ML 3.0 (AEIC).
	12	12 12 22.3?	45.40	N	14.26	E	10	G			1.5	4	NORTHWESTERN BALKAN REGION. MD 2.9 (LJU).
	12	12 49 22.6&	34.513	N	116.531	W	1					7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	12	13 14 56.5?	47.87	N	16.39	E	10	G			0.3	4	AUSTRIA. ML 2.1 (VIE). Felt (IV) at Wiener Neustadt.
	12	14 35 22.6	32.402	N	141.507	E	46	D	5.0		1.1	29	SOUTH OF HONSHU, JAPAN
	12	14 43 09.7?	36.59	N	68.62	E	33	N	4.2		1.4	12	HINDU KUSH REGION, AFGHANISTAN
	12	15 10 33.8&	57.502	N	142.966	W	10	G				22	GULF OF ALASKA. <AEIC>. ML 3.0 (AEIC).
	12	15 12 01.6&	34.112	N	116.992	W	4					13	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.3 (GS).
	12	15 20 50.1*	27.927	S	63.591	E	10	G	5.0		1.2	28	SOUTHWEST INDIAN RIDGE
	12	15 44 46.0&	34.107	N	116.982	W	4					7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	12	15 51 38.4*	32.671	N	141.497	E	33	N	4.8		1.1	8	SOUTH OF HONSHU, JAPAN
	12	16 09 05.3&	34.110	N	116.988	W	4					10	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.7 (GS). Multiple event.
	12	16 26 33.1*	54.329	N	160.431	E	33	N	4.6		0.9	12	NEAR EAST COAST OF KAMCHATKA
	12	16 39 54.3?	32.60	N	142.16	E	33	N	3.7		1.3	6	SOUTH OF HONSHU, JAPAN
a	12	17 30 02.6	6.626	S	130.597	E	117	D	5.5		1.0	134	BANDA SEA
	12	18 08 09.1&	34.109	N	116.982	W	5					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	12	18 24 15.6?	15.63	S	175.82	W	33	N	4.5		1.6	11	TONGA ISLANDS
	12	18 40 27.4?	33.74	S	66.45	W	10	G			1.2	4	SAN LUIS PROVINCE, ARGENTINA
	12	20 04 08.7%	40.465	N	27.782	E	10	G			0.3	7	TURKEY
	12	20 04 22.2&	61.438	N	149.751	W	51					37	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	12	21 12 16.8*	2.726	N	79.770	W	33	N	4.7		1.1	33	SOUTH OF PANAMA
	12	22 13 04.1	36.515	N	68.789	E	33	N	4.5		1.3	22	HINDU KUSH REGION, AFGHANISTAN
	12	22 30 32.4%	17.085	N	100.981	W	22	*			1.4	8	GUERRERO, MEXICO

	12	22	55	05.3*	38.515	S	175.882	E	194 *			0 4	26	NORTH ISLAND, NEW ZEALAND
	13	00	30	00.5%	16 973	N	100.992	W	33 N			1.4	7	NEAR COAST OF GUERRERO, MEXICO
	13	00	47	58 7%	40.475	N	23.668	E	10 G			0.7	5	GREECE
a	13	00	57	50 6*	16.642	S	167.478	E	33 N	5 2	4.6	1 3	57	VANUATU ISLANDS
	13	01	10	03 2%	35.981	N	7.346	W	33 N			1.2	7	STRAIT OF GIBRALTAR mbLg 3.0 (MDD).
	13	01	20	01 7*	19.530	S	177.804	W	562 *	4.9		1 3	42	FIJI ISLANDS REGION
	13	01	33	09 2&	40.390	N	124.627	W	12				11	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.3 (BRK). Felt (IV) at Honeydew and (III) at Rio Dell.
	13	04	07	57.1	36.148	N	31.259	E	91 ?			0.9	14	TURKEY
	13	04	28	21.6*	4.311	N	125.960	E	33 N			1.1	8	TALAUD ISLANDS, INDONESIA
	13	04	43	57.0*	27.553	S	67.522	W	204 ?			1.0	21	CATAMARCA PROVINCE, ARGENTINA
	13	04	52	30.1	40.977	N	20.933	E	10 G	4.4		1.4	121	GREECE-ALBANIA BORDER REGION. ML 4.6 (SKO), 4.2 (TIR). MD 4.4 (ATH), 4.1 (TTG). Felt (VI) at Resen, Yugoslavia.
	13	05	02	59.8	40.989	N	21.011	E	10 G			1.1	29	GREECE. ML 3.8 (SKO), 3.2 (TTG). MD 3.4 (ATH). Felt (IV) at Resen, Yugoslavia.
	13	05	24	17.0*	41.018	N	20.976	E	10 G			0.9	6	ALBANIA
	13	06	27	59.4%	33.053	S	71.322	W	64 ?			0.2	9	NEAR COAST OF CENTRAL CHILE. MD 3.4 (SAN).
	13	06	54	27.9	20.095	N	121.132	E	43 D	4.5	3.9	1.3	49	PHILIPPINE ISLANDS REGION
	13	07	25	26.4&	34.115	N	116.986	W	5				11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 3.0 (GS).
	13	08	11	25.6%	11.029	N	62.161	W	100 G			0.4	9	WINDWARD ISLANDS. MD 3.6 (TRN).
	13	08	14	22.3&	34.624	N	116.665	W	6				11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.0 (GS).
	13	08	27	49.0&	61.506	N	149.676	W	37				59	SOUTHERN ALASKA. <AEIC>. ML 2.8 (AEIC), 3.0 (PMR).
	13	08	41	15.3	11.735	N	87.411	W	30 D	4.7	4.2	1.1	58	NEAR COAST OF NICARAGUA
	13	09	17	46.1%	31.904	S	70.278	W	120 G			0.4	11	CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
	13	09	29	34.9?	32.86	S	71.92	W	33 N			1.2	12	NEAR COAST OF CENTRAL CHILE. MD 4.1 (SAN).
	13	09	45	23.7&	34.644	N	116.517	W	6				11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 2.8 (GS).
	13	09	54	17.3?	32.24	S	70.83	W	100 G			0.4	10	CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
	13	10	39	07.4%	39.400	N	28.118	E	10 G			0.6	7	TURKEY
	13	10	44	13.2?	36.81	N	29.58	E	10 G			0.3	4	TURKEY
	13	11	23	16.5	34.956	N	26.872	E	10 G			1.2	18	CRETE. MD 4.2 (ATH).
	13	11	56	16.3?	47.96	N	16.41	E	10 G			0.3	4	AUSTRIA. ML 2.2 (VIE), 2.2 (BRA). Felt (IV) at Wiener Neustadt.
	13	11	59	40.9	69.977	N	130.997	W	10 G	4.8		1.5	17	NORTHWEST TERRITORIES, CANADA
	13	12	14	01.4	41.688	N	14.140	E	10 G			1.0	15	SOUTHERN ITALY
	13	13	35	09.7*	35.699	N	70.676	E	78 ?	4.7		1.3	25	HINDU KUSH REGION, AFGHANISTAN
	13	14	51	52.3%	39.230	N	27.642	E	10 G			0.4	5	TURKEY
	13	15	18	35.1	41.219	S	172.504	E	240 *			0.3	20	SOUTH ISLAND, NEW ZEALAND
	13	15	30	12.4%	9.846	N	84.413	W	33 N			0.5	5	COSTA RICA. MD 4.2 (SJR). Felt in central Costa Rica.
	13	15	34	06.0	53.654	N	165.825	W	47 *	4.9	4.3	1.3	45	FOX ISLANDS, ALEUTIAN ISLANDS. Felt (IV) on Akutan.
	13	15	41	01.1*	26.320	S	178.859	W	383 *	4.0		0.7	14	SOUTH OF FIJI ISLANDS
	13	17	40	00.1&	34.112	N	116.985	W	5				8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	13	18	06	59.7?	36.98	S	176.53	E	363 ?			0.3	23	OFF E. COAST OF N. ISLAND, N.Z.
	13	18	33	23.8*	17.516	S	168.653	E	216	4.7		1.2	32	VANUATU ISLANDS
	13	19	47	32.1?	40.71	N	143.50	E	33 N	4.3		1.5	7	OFF EAST COAST OF HONSHU, JAPAN
	13	19	53	41.2&	34.619	N	116.661	W	4				10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 2.8 (GS).
	13	20	29	04.0*	46.869	N	7.474	E	10 G			0.7	6	SWITZERLAND. ML 2.2 (LDG).
f	13	20	43	00.2	6.103	S	148.875	E	45 G	5.8	5.9	1.2	253	NEW BRITAIN REGION, P.N.G. Mo=1.0*10**18 Nm (PPT). Depth from broadband displacement seismograms.
	13	20	43	45.9%	40.285	N	144.214	E	33 N			0.2	5	OFF EAST COAST OF HONSHU, JAPAN
	13	21	58	11.1&	36.835	N	121.583	W	7				15	CENTRAL CALIFORNIA. <BRK>. ML 2.9 (BRK).
	13	22	51	17.2*	17.725	N	61.793	W	33 N			0.4	9	LEEWARD ISLANDS. MD 3.7 (TRN). ML 3.5 (FDF).
	14	00	20	55.0?	7.05	N	76.35	W	133 ?	4.3		1.5	9	NORTHERN COLOMBIA
	14	00	33	17.7	43.776	N	148.097	E	42 D	4.8	4.2	1.1	49	EAST OF KURIL ISLANDS
	14	01	31	06.5&	34.232	N	116.853	W	11				8	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 2.7 (GS).
a	14	01	43	13.0	32.634	N	141.225	E	38	5.2	5.0	1.0	164	SOUTH OF HONSHU, JAPAN
	14	02	58	46.7?	31.52	S	68.92	W	104 ?			1.2	8	SAN JUAN PROVINCE, ARGENTINA
	14	03	07	23.7*	43.094	N	128.262	W	10 G			0.4	52	OFF COAST OF OREGON
	14	04	10	19.9	38.027	N	73.991	E	161 *	4.7		0.9	30	TAJIKISTAN-XINJIANG BORDER REG.
	14	04	57	14.6?	68.45	N	11.48	E	10 G	3.3		0.9	6	NORWEGIAN SEA MD 3.7 (BER).
	14	05	37	03.1*	35.682	N	140.467	E	33 N	4.2		1.4	13	NEAR EAST COAST OF HONSHU, JAPAN
	14	06	51	03.2%	38.444	N	26.694	E	10 G			0.5	7	AEGEAN SEA
	14	07	16	15.7%	39.251	N	27.712	E	10 G			0.5	5	TURKEY
	14	08	43	02.7&	62.495	N	148.289	W	41				68	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC), 3.3 (PMR).
	14	08	48	47.8?	36.38	N	75.75	E	33 N	4.3		0.4	5	KASHMIR-XINJIANG BORDER REGION
	14	09	19	39.6*	8.274	N	77.503	W	33 N	4.1		1.5	17	PANAMA-COLOMBIA BORDER REGION. Felt at Joque, Panama.
	14	10	50	10.3&	34.104	N	116.442	W	9				12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.0 (GS).
	14	10	51	51.6*	28.291	N	51.225	E	33 N	4.1		1.2	15	SOUTHERN IRAN
	14	12	24	25.9*	42.534	N	24.014	E	10 G			0.3	6	BULGARIA
	14	13	33	16.6	31.881	S	67.136	W	139			0.8	23	SAN JUAN PROVINCE, ARGENTINA. MD 4.2 (SAN).
	14	14	12	16 0&	59.790	N	152.685	W	87				54	SOUTHERN ALASKA. <AEIC>.
	14	14	31	22.6%	42.619	N	18.858	E	10 G			0.5	8	NORTHWESTERN BALKAN REGION. ML 1.7 (TTG).
*14		14	43	44.5&	34.090	N	116.368	W	1				17	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.9 (PAS), 3.7 (GS).
	14	14	56	00.3%	43.085	N	0.565	W	5 G			0.2	5	PYRENEES. ML 1.0 (STR).
	14	15	14	12.6?	46.06	N	7.63	E	5 G			0.1	4	SWITZERLAND. ML 2.4 (LDG).
	14	15	17	38.8?	28.13	S	67.50	W	140 G			0.9	4	LA RIOJA PROVINCE, ARGENTINA
	14	15	27	37.8?	42.22	N	8.36	W	10 G			1.3	4	SPAIN. mbLg 2.8 (MDD).
	14	15	54	09.0	32.509	N	141.584	E	33 N	4.7		1.0	22	SOUTH OF HONSHU, JAPAN
a	14	16	20	10.4	17.411	S	174.327	W	113 D	5.2		1.2	74	TONGA ISLANDS
	14	16	37	33.1*	11.177	S	166.723	E	167 ?	4.5		1.1	14	SANTA CRUZ ISLANDS
	14	17	17	53.3	43.018	N	18.809	E	10 G			0.2	8	NORTHWESTERN BALKAN REGION. ML 1.4 (TTG).
a	14	17	26	20.7	24.071	N	121.653	E	15 D	5.0	4.9	1.4	113	TAIWAN. ML 5.0 (BJI).
	14	17	37	06.2&	32.673	N	115.929	W	0				3	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 2.8 (PAS).
	14	17	50	29.1?	33.89	S	72.08	W	10 G			0.4	8	OFF COAST OF CENTRAL CHILE
	14	19	31	49.9?	6.94	S	129.97	E	137 ?	4.5		1.4	8	BANDA SEA
	14	20	01	06.4%	41.052	N	23.490	E	10 G			0.4	6	GREECE-BULGARIA BORDER REGION
a	14	20	08	59.7	30.823	S	65.292	W	194	5.0		1 1	125	CORDOBA PROVINCE, ARGENTINA
	14	20	18	49.5?	18.07	S	179.09	W	634 ?	4.4		1.3	29	FIJI ISLANDS REGION
	14	20	36	33.5?	44.76	N	129.18	W	10 G			0.5	32	OFF COAST OF OREGON
	14	21	31	26.7&	60.331	N	149.894	W	36				48	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.6 (AEIC).
	14	22	16	12.0?	17.27	S	71.85	W	33 N			0.9	7	NEAR COAST OF PERU
	14	22	37	58.6*	32.467	N	141.894	E	33 N	4.1		0.9	9	SOUTH OF HONSHU, JAPAN

	14	23 25 01.9&	34 417	N	116.504	W	2					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 2.7 (GS).
	14	23 27 56.9&	35.839	N	117.670	W	9					25	CENTRAL CALIFORNIA. <PAS-P>. MD 3.5 (PAS). ML 3.6 (GS). Felt (IV) at Ridgecrest.
	14	23 38 51.4&	34.529	N	115.994	W	0					8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	15	00 19 22.5&	33 930	N	116.306	W	5					12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.2 (GS).
	15	00 23 45.9%	45.266	S	167.303	E	100	G			1.3	15	SOUTH ISLAND, NEW ZEALAND
	15	00 52 45.8?	13.28	N	92.33	W	33	N	4.3		1.1	9	OFF COAST OF CHIAPAS, MEXICO
	15	01 14 48.1	42.491	N	1.780	E	10	G			0.3	12	PYRENEES. ML 2.8 (LDG).
	15	01 21 57.9*	31.480	S	68.660	W	116	?			0.5	9	SAN JUAN PROVINCE, ARGENTINA
	15	01 36 04.6	41.034	N	21.008	E	5	G			0.5	8	NORTHWESTERN BALKAN REGION. ML 2.3 (SKO).
	15	01 41 16.5%	40.299	N	22.494	E	10	G			0.4	5	GREECE
a	15	01 57 23.9	23.345	S	172.912	E	33	N	5.2		1.2	40	LOYALTY ISLANDS REGION
	15	02 13 47.0%	39.226	N	0.624	E	10	G			0.5	9	SPAIN
	15	02 56 08.0?	31.31	S	68.44	W	101	?			0.3	5	SAN JUAN PROVINCE, ARGENTINA
	15	02 57 22.3&	34.446	N	116.492	W	1					12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 3.0 (GS).
	15	03 20 08.6*	32.828	S	71.696	W	10	G			0.6	12	NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN).
	15	03 37 29.0?	32.75	N	141.16	E	33	N	4.5	3.9	0.4	13	SOUTH OF HONSHU, JAPAN
	15	03 38 52.4%	42.941	N	18.291	E	10	G			0.3	6	NORTHWESTERN BALKAN REGION. ML 1.2 (TTG).
	15	03 53 33.5%	43.087	N	0.477	W	10	G			0.1	7	PYRENEES. ML 1.0 (STR).
	15	04 21 08.0	40 931	N	20.954	E	10	G			1.0	40	GREECE-ALBANIA BORDER REGION. ML 3.3 (SKO), 3.3 (TTG), 2.9 (TIR). MD 3.3 (ATH). Felt (IV) at Resen, Yugoslovia.
	15	04 31 52.3	32.478	N	141.236	E	33	N	4.8		0.9	24	SOUTH OF HONSHU, JAPAN
	15	04 40 39.0&	34.144	N	116.432	W	3					10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 2.7 (GS).
	15	05 07 07.1%	42.965	N	18.233	E	10	G			0.4	9	NORTHWESTERN BALKAN REGION. ML 1.9 (TTG).
	15	06 05 29.6*	32.612	N	141.472	E	33	N	4.7		1.1	18	SOUTH OF HONSHU, JAPAN
	15	06 09 19.3&	63.148	N	148.478	W	0					58	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC), 2.8 (PMR).
	15	06 12 01.8&	32.683	N	115.925	W	1					4	CALIF.-BAJA CALIF. BORDER REGION. <PAS-P>. ML 3.0 (PAS).
	15	06 53 28.5?	31.26	S	69.00	W	129	?			0.7	7	SAN JUAN PROVINCE, ARGENTINA
	15	07 37 31.3&	34.358	N	116.455	W	1					10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 2.8 (GS).
	15	07 51 40.1?	39.03	N	27.56	E	10	G			0.1	4	TURKEY
	15	08 24 14.6&	34.088	N	116.402	W	1		4.2			48	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.8 (PAS), 4.6 (BRK), 4.5 (GS). Multiple event. Felt (V) at Sun City; (IV) at Fontana, La Quinta, Morango Valley, Palm Springs, Pioneertown, Santa Ana, White Water and Yucca Valley; (III) at Ramona. Alsa felt at Homeland.
	15	08 54 34.3&	34.420	N	116.478	W	10					12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.1 (GS).
	15	09 05 05.1%	39.124	N	27.559	E	10	G			0.5	5	TURKEY
	15	09 11 37.7%	39.117	N	27.568	E	10	G			0.2	6	TURKEY
	15	09 27 13.2&	34.092	N	116.401	W	0					14	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.0 (GS).
	15	09 41 53.9?	3.70	S	142.02	E	98	?	4.2		1.2	7	NEAR N COAST OF NEW GUINEA, PNG.
	15	09 46 09.9%	39.245	N	27.712	E	10	G			0.1	5	TURKEY
	15	10 17 48.9?	38.88	N	27.72	E	10	G			0.5	4	TURKEY
	15	11 46 06.9%	43 091	N	0.854	W	10	G			0.3	8	PYRENEES. ML 1.0 (STR).
	15	12 15 16.0&	59.339	N	152.822	W	86					36	SOUTHERN ALASKA. <AEIC>.
	15	12 18 08.0	45.036	N	7.012	E	10	G			0.9	64	NORTHERN ITALY. ML 3.6 (STR), 3.5 (LDG).
	15	12 32 55.7?	34.52	S	70.73	W	100	G			0.1	10	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	15	13 34 24.5&	34.973	N	116.962	W	0					12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
	15	13 38 49.2	42.726	N	1.634	E	10	G			0.9	10	PYRENEES. ML 2.7 (LDG).
	15	14 15 17.8	28.533	N	51.203	E	43	?	4.8		1.1	30	SOUTHERN IRAN
	15	14 20 16.4*	31.176	S	70.099	W	130	G			0.8	17	CHILE-ARGENTINA BORDER REGION. MD 4.2 (SAN).
	15	15 07 52.6	42.022	N	142.728	E	33	N	4.2		1.2	14	HOKKAIDO, JAPAN REGION
	15	16 47 30.6&	34.609	N	116.639	W	6					10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 2.8 (GS).
	15	17 33 24.5	44 278	N	129.228	W	10	G			0.7	83	OFF COAST OF OREGON
	15	18 08 07.7&	62.814	N	150.593	W	90					56	CENTRAL ALASKA. <AEIC>.
	15	18 10 33.6	39 649	N	143.236	E	26	D	4.9	4.6	1.2	67	OFF EAST COAST OF HONSHU, JAPAN
	15	18 13 22.3*	1.098	S	127.537	E	33	N	4.4		1.0	17	HALMAHERA, INDONESIA
	15	18 18 06.1&	34 116	N	116.988	W	4					18	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.6 (PAS). ML 3.6 (GS).
	15	18 59 38.3*	22.163	N	122.270	E	33	N	4.1		1.3	8	TAIWAN REGION
f	15	19 02 09.1	5.111	N	75.607	W	119	G	5.7		1.0	421	COLOMBIA. Mo=1.3*10**18 Nm (PPT). Some damage reported in the Manizales area. Felt at Buenaventura, Cali, Manizales, Medellin, Pereira, Popayan and Tulua. Depth from braadband displacement seismograms.
	15	19 09 06.2&	34.114	N	116.991	W	5					10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.4 (GS).
	15	19 18 54.9&	34 532	N	116.533	W	9					5	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	15	19 28 06.3*	45.097	N	6.832	E	10	G			0.1	6	FRANCE
	15	20 39 36.5?	35.11	N	23.25	E	10	G	3.2		1.4	14	CRETE. MD 3.8 (ATH).
	15	20 42 58.4	31.401	S	66 950	W	136	?			1.1	17	LA RIOJA PROVINCE, ARGENTINA
	15	20 48 29.4*	15.807	N	147.939	E	31	*	5.1		0.7	18	MARIANA ISLANDS REGION
	15	20 49 58.7?	12.06	S	166.42	E	155	?	4.6		1.1	13	SANTA CRUZ ISLANDS
	15	21 00 51.4?	36.28	S	178.66	W	33	N	4.5		1.7	20	EAST OF NORTH ISLAND, N.Z. ML 4.3 (WEL).
a	15	21 30 13.7	18.501	N	145.632	E	193	D	5.1		1.2	147	MARIANA ISLANDS. Felt at Andersen AFB.
	15	21 35 47.3*	37.168	S	176.438	E	290	*	3.4		0.6	20	NORTH ISLAND, NEW ZEALAND
	15	22 10 58.6%	38.268	N	14.853	E	10	G			1.1	5	SICILY
	15	22 15 04.7&	34.609	N	116.663	W	9					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	15	22 21 18.2*	38.354	S	176.008	E	150	G			1.0	25	NORTH ISLAND, NEW ZEALAND
	15	22 26 50.3&	62.154	N	148.735	W	36					54	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC).
	15	22 49 34.1%	38.516	N	7.160	W	10	G			1.1	7	PORTUGAL. mbLg 2.9 (MDD).
	15	23 26 10.7	28.595	N	50.963	E	33	N	4.5	4.0	1.0	33	PERSIAN GULF
	16	00 45 51.8%	39.885	N	28.255	E	10	G			0.5	5	TURKEY
	16	01 07 48.3%	39.962	N	28.220	E	10	G			1.1	11	TURKEY
	16	01 08 31.6%	39.861	N	28.250	E	10	G			0.5	8	TURKEY
	16	01 12 14.7%	39.889	N	28.239	E	10	G			0.3	5	TURKEY
	16	01 13 54.3%	39.884	N	28.237	E	10	G			0.3	7	TURKEY
	16	01 34 55.1?	39.87	N	28.25	E	10	G			0.2	4	TURKEY
	16	01 38 04.5?	39 91	N	28.30	E	10	G			0 6	4	TURKEY
	16	01 52 54.4?	24.50	N	123.57	E	33	N	3 8		0 1	5	SOUTHWESTERN RYUKYU ISLANDS
	16	02 08 46.8	42.859	N	0.601	W	5	G			0 4	12	PYRENEES. ML 2.3 (LDG).
	16	02 13 46.1	39.287	N	0.642	E	10	G			1.1	26	SPAIN. ML 3.5 (LDG). mbLg 3.3 (MDD).
	16	02 14 18.8	26.613	N	127.684	E	60	*	4 6		1.1	31	RYUKYU ISLANDS
	16	02 27 11.3%	33.697	S	70.694	W	26	*			0.9	10	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).

	16	02	29	10.9*	31 918	N	131.209	E	74		4.5		1 4	24	KYUSHU, JAPAN
	16	02	51	34.8&	59.819	N	151 340	W	44					87	KENAI PENINSULA, ALASKA. <AEIC>. ML 3.7 (AEIC), 4.0 (PMR) Felt (III) at Homer.
	16	03	00	11.6*	31.653	S	68.644	W	100	G			0.5	7	SAN JUAN PROVINCE, ARGENTINA
	16	03	37	00.5*	21.856	S	68.561	W	150	*			0.7	8	CHILE-BOLIVIA BORDER REGION
	16	04	02	59.1	45.081	N	150.277	E	36	*	4.8	4.3	1.0	41	KURIL ISLANDS
	16	04	17	31.3%	43.005	N	18.810	E	10	G			0.4	8	NORTHWESTERN BALKAN REGION. ML 1.6 (TTG).
	16	06	10	28.1&	65.179	N	150.224	W	12					13	NORTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	16	06	15	50.9&	34 420	N	116.477	W	3					11	SOUTHERN CALIFORNIA. <PAS-P> ML 3.2 (PAS), 3.0 (GS).
	16	06	30	59.5&	34.030	N	116.677	W	10					16	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.8 (PAS), 3.5 (GS).
	16	06	37	03.5*	22.320	S	174.685	W	33	N	5.1	4.6	1.6	26	TONGA ISLANDS REGION
	16	07	09	54.4&	34.493	N	116.496	W	5					9	SOUTHERN CALIFORNIA <PAS-P>. ML 2.8 (PAS).
	16	08	28	47.7?	31.38	S	68.84	W	33	N			1.0	7	SAN JUAN PROVINCE, ARGENTINA
	16	09	37	24.8*	28.544	N	51.010	E	33	N	4.2		1.7	11	SOUTHERN IRAN
a	16	10	23	28.4	5.368	S	146.669	E	215	G	6.0		1.1	447	EASTERN NEW GUINEA REG., P.N.G. Mo=3.2*10**18 Nm (PPT). Depth from broodbond displacement seismograms.
	16	10	29	45.0	44.392	N	11.498	E	10	G			1.1	83	NORTHERN ITALY. MD 3.6 (FIR), 3.5 (TRI), 3.3 (ROM). ML 3.6 (LDG), 3.5 (VIE).
	16	10	36	18.8%	45.024	N	6.979	E	5	G			0.0	7	FRANCE. ML 2.0 (GEN).
	16	10	57	50.4?	39.22	N	27.65	E	10	G			0.2	4	TURKEY
	16	11	12	19.6	39.489	N	20.626	E	10	G			1.0	12	GREECE-ALBANIA BORDER REGION. MD 3.0 (ATH).
	16	11	45	09.6	43.340	N	1.573	W	10	G			0.9	22	PYRENEES. ML 3.0 (LDG).
	16	12	42	14.6%	39.854	N	28.986	E	10	G			0.5	5	TURKEY
	16	13	18	42.2?	11.06	N	125.33	E	33	N			1.2	4	SAMAR, PHILIPPINE ISLANDS
	16	13	20	22.6	42.149	N	2.359	E	10	G			1.3	13	PYRENEES. ML 2.7 (LDG).
	16	13	31	12.9	44.505	N	7.288	E	5	G			1.0	106	NORTHERN ITALY. ML 3.9 (LDG), 3.7 (GEN), 3.7 (STR). MD 3.9 (TRI), 3.6 (FIR).
	16	13	37	35.2%	44.478	N	7.235	E	10	G			0.5	7	NORTHERN ITALY. ML 1.5 (GEN)
	16	13	39	55.1?	29.83	N	67.33	E	33	N	4.3		0.5	10	PAKISTAN
	16	14	12	22.8	42.945	N	0.574	W	5	G			0.9	8	PYRENEES. ML 1.0 (STR).
	16	14	31	27.7*	29.578	N	141.225	E	33	N	4.3		1.5	17	SOUTH OF HONSHU, JAPAN
	16	14	34	01.6*	31 544	S	68.845	W	110	G			0.6	5	SAN JUAN PROVINCE, ARGENTINA
o	16	14	49	08.0	3.084	S	84.945	E	33	N	5.7	4.8	1.0	374	SOUTH INDIAN OCEAN
	16	14	51	38.3?	41.60	N	12.89	E	10	G			0.4	4	SOUTHERN ITALY
	16	15	09	56.5*	32.511	S	70.285	W	115	?			0.3	12	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
	16	15	18	47.0%	31.388	S	68.445	W	100	G			0.8	6	SAN JUAN PROVINCE, ARGENTINA
	16	16	33	30.7	39.043	N	20.751	E	10	G			0.9	6	GREECE-ALBANIA BORDER REGION. MD 3.0 (ATH).
	16	16	46	39.1?	40.87	N	23.99	E	10	G			0.3	4	GREECE
	16	18	04	27.3	40.534	S	173.309	E	189	*	4.0		1.1	38	COOK STRAIT, NEW ZEALAND
	16	18	57	07.6&	34.597	N	116.596	W	5					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.7 (GS).
	16	19	03	17.9	51.154	N	5.680	E	10	G			1.0	23	THE NETHERLANDS. ML 2.8 (LDG), 2.4 (BNS), 2.1 (GSH).
	16	20	16	40.2	30.135	N	92.105	E	33	N	5.0	4.6	1.2	152	XIJANG
	16	20	31	22.1?	50.56	N	5.65	E	10	G			1.1	4	BELGIUM
	16	20	50	22.1*	28.720	N	51.058	E	33	N	4.3		1.3	14	SOUTHERN IRAN
	16	21	00	36.8%	40.326	N	23.468	E	10	G			0.3	5	GREECE
	16	21	41	01.3%	39.062	N	27.959	E	10	G			0.6	8	TURKEY
	16	22	12	52.8%	40.933	N	28.036	E	10	G			1.2	6	TURKEY
	16	22	58	28.2	7.978	N	126.630	E	68		4.8		1.2	59	MINDANAO, PHILIPPINE ISLANDS
	16	23	02	29.4*	37.095	S	177.450	E	128	?			0.4	10	OFF E. COAST OF N. ISLAND, N.Z.
	16	23	05	09.2&	46.200	N	122.188	W	1					59	WASHINGTON. <SEA>. MD 2.8 (SEA).
	16	23	48	03.1	44.141	N	10.323	E	10	G			1.1	13	NORTHERN ITALY. ML 2.5 (LDG).
	17	00	08	53.9	45.571	N	26.536	E	107	D	4.9		1.1	123	ROMANIA. MD 4.4 (TTG). Felt (IV) in the epicentral area and (III) at Buchorest.
o	17	00	52	07.8	4.683	S	77.985	W	50	D	5.4		0.8	226	NORTHERN PERU
	17	00	53	33.5	51 598	N	3.124	W	10	G			1 1	35	UNITED KINGDOM. ML 2.9 (LDG), 2.2 (BGS). Felt (II) at Nelson.
	17	01	42	13.3*	39.362	N	0.635	E	10	G			1.3	9	SPAIN. mbLg 2.7 (MDD). ML 2.7 (LDG).
	17	01	53	09.0	6.073	S	151.023	E	26	D	5.0	4.5	1.0	37	NEW BRITAIN REGION, P.N.G. ML 4.8 (PMG).
	17	02	23	03.3	5.523	S	151.209	E	79	*	5.1		1.1	50	NEW BRITAIN REGION, P.N.G.
	17	03	35	42.2%	39.099	N	27 330	E	10	G			0.2	6	TURKEY
	17	03	42	01.3	32.696	S	68.597	W	33	N			1.0	16	MENDOZA PROVINCE, ARGENTINA. MD 4.1 (SAN).
	17	03	56	35.1*	41.450	S	84.238	W	10	G	4.8	4.4	1.2	19	WEST CHILE RISE
	17	04	20	09.1&	34.786	N	116.582	W	8					13	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.0 (GS).
	17	04	54	39.7&	59.748	N	150.183	W	8					40	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.5 (AEIC).
	17	06	16	12.2?	44.50	N	7.33	E	10	G			0.0	4	NORTHERN ITALY. ML 1.3 (GEN).
	17	06	27	42.4?	44.47	N	7.17	E	10	G			0.6	4	NORTHERN ITALY. ML 1.6 (GEN).
	17	06	40	37.5?	30.84	N	142.11	E	33	N	4.4		1.5	11	SOUTH OF HONSHU, JAPAN
	17	06	48	48.2	39.365	N	20.813	E	10	G			1.3	43	GREECE-ALBANIA BORDER REGION. MD 3.8 (ATH). ML 3.6 (TIR), 3.4 (TTG).
	17	06	50	21.9&	61.466	N	146.673	W	16					64	SOUTHERN ALASKA. <AEIC>. ML 2.9 (AEIC), 3.5 (PMR).
	17	06	51	33.9*	39.266	N	20.932	E	10	G			1.0	5	GREECE-ALBANIA BORDER REGION. MD 3.2 (ATH).
	17	07	34	54.7	39.312	N	20.844	E	10	G			1.3	43	GREECE-ALBANIA BORDER REGION. ML 3.7 (ATH), 3.5 (TIR), 3.4 (TTG).
	17	08	16	18 6%	39.265	N	27.715	E	10	G			0.6	5	TURKEY
	17	08	19	30 9	44 270	N	7.462	E	5	G			0.4	11	NORTHERN ITALY. ML 1.8 (GEN).
	17	08	35	19 5%	31.822	S	67.925	W	10	G			1.0	9	SAN JUAN PROVINCE, ARGENTINA
	17	08	48	10.4&	35.838	N	121.110	W	10					11	CENTRAL CALIFORNIA. <BRK>. ML 2.9 (BRK).
	17	08	51	15 1?	38 98	N	22.56	E	10	G			1.1	5	GREECE
	17	08	55	30.2*	43.475	N	17.376	E	10	G			1.1	10	NORTHWESTERN BALKAN REGION. ML 2.6 (TTG).
	17	10	02	30.0%	40.821	N	27.458	E	10	G			0.8	7	TURKEY
	17	10	09	35 9	3.696	S	151.693	E	359		4.9		0.7	25	NEW IRELAND REGION, P.N.G.
	17	11	04	04.3*	21.363	S	68.649	W	115	D	4.5		1.3	16	CHILE-BOLIVIA BORDER REGION
	17	11	28	13.5	31.387	S	68.432	W	118	*			0.8	17	SAN JUAN PROVINCE, ARGENTINA. MD 4.1 (SAN).
	17	11	33	00.7&	34.962	N	116.949	W	0					8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	17	12	01	45.7*	17.723	N	94.550	W	144	*	4.1		1.0	15	CHIAPAS, MEXICO
	17	12	49	42.0&	34.090	N	116.428	W	3					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 2.8 (GS).
	17	13	40	29.0	43 389	N	5.426	E	10	G			1 1	17	NEAR SOUTH COAST OF FRANCE. ML 2.7 (STR).
	17	13	52	39.8	24 199	S	66 964	W	189		4.6		1 3	19	SALTA PROVINCE, ARGENTINA
	17	13	56	17.9	47 471	N	12.687	E	10	G			1.5	11	AUSTRIA. ML 2.5 (VIE).
	17	14	46	53.3%	39.150	N	27.477	E	10	G			0.6	5	TURKEY
	17	15	14	24.1%	41.187	N	28.714	E	10	G			0 3	5	TURKEY
	17	15	27	31.6*	32.371	N	141.084	E	33	D	4.8	4.2	1 0	26	SOUTH OF HONSHU, JAPAN
	17	15	29	16.5	45.638	N	0.613	E	5	G			1 2	10	FRANCE ML 2.7 (LDG).

	17	16	19	58 5*	48.578	N	10 255	E	10 G		1.7	5	GERMANY ML 2 3 (GRF).
	17	18	39	54 9&	34.122	N	116 394	W	2			11	SOUTHERN CALIFORNIA <PAS-P>. ML 3.3 (PAS), 3.0 (GS).
	17	18	40	55.4	21.545	S	66.646	W	235	4.4	1 4	29	SOUTHERN BOLIVIA
	17	19	52	03 4&	61 300	N	150 165	W	41			49	SOUTHERN ALASKA. <AEIC> ML 2.5 (AEIC).
	17	20	04	06 8&	40.497	N	124.287	W	2			6	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.3 (BRK). Felt at Eureka and Ferndale.
	17	20	24	36.3&	40.498	N	124.290	W	7			11	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.3 (BRK). Felt at Eureka and Ferndale.
	17	20	30	48.1?	11.41	S	118.29	E	33 N	3.6	1.3	5	SOUTH OF SUMBAWA, INDONESIA
	17	20	41	52.1&	34.195	N	116.862	W	12	4.5 4.5		85	SOUTHERN CALIFORNIA <PAS-P>. ML 5.3 (PAS), 5.0 (BRK), 4.7 (GS). Felt (V) at Angelus Oaks, Cabazon, Calimesa, Green Valley Lake, Lake Arrowhead and Santa Ana; (IV) at Apple Valley, Beaumant, Big Bear City, Blue Jay, Barrego Springs, Cedar Glen, Crestline, Forest Falls, Indio, Loma Linda, Montclair, Palm Springs, Rialta, San Bernardino, Skyforest, Sun City and Victarville; (III) at Cadiz, Claremont, Corana, Desert Center, March Air Farce Base, Oceanside, Palm Desert, Pearblassom, Ramona, Rancho Cucamonga and Redlands. Felt thraughout much of southern California. Rockslides occurred in the Big Bear Lake area.
	17	20	52	34.9&	40.505	N	124.313	W	9			10	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.4 (BRK). Felt (IV) at Ferndale and Rio Dell. Alsa felt at Eureka, Fortuna and Scotia.
	17	20	55	27.6&	34.199	N	116.874	W	12			11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 2.9 (GS).
	17	21	01	33.5&	34.194	N	116.877	W	12			13	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.6 (PAS), 3.4 (GS).
	17	21	03	48.5?	41.49	N	23.36	E	10 G		0.2	4	GREECE-BULGARIA BORDER REGION
	17	21	06	00.4&	35.022	N	116.831	W	1			3	CENTRAL CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	17	21	06	54.6?	48.46	N	1.45	W	10 G		0.2	4	FRANCE
a	17	21	09	24.9	20 240	S	68.783	W	110 D	5.2	1.1	155	CHILE-BOLIVIA BORDER REGION. Felt at Arica and Iquique, Chile.
	17	21	25	47 0&	34.197	N	116.867	W	6 G			9	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.2 (PAS). ML 3.0 (GS).
	17	21	51	14.6	23.426	S	179.650	W	529 *	4.9	1.3	94	SOUTH OF FIJI ISLANDS
	17	22	04	28.0&	34 052	N	116.384	W	1			11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 2.9 (GS).
	17	22	08	18.4&	60.304	N	143.257	W	0			29	SOUTHERN ALASKA. <AEIC>. ML 3.2 (AEIC).
	17	22	45	00.2	20.929	S	178.006	W	497 D	5.2	1.0	138	FIJI ISLANDS REGION
	17	23	10	15.6%	31.468	S	68.560	W	100 G		0.7	5	SAN JUAN PROVINCE, ARGENTINA
	17	23	24	23.1*	10.731	N	62.693	W	80 G		1.1	14	NEAR COAST OF VENEZUELA. MD 3.6 (TRN).
	17	23	42	10.0%	46.034	N	2.849	E	10 G		0.3	5	FRANCE. ML 1.3 (LDG).
	18	00	26	13 0%	33.105	S	70.604	W	90 G		0.3	11	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	18	00	51	49.3?	29.19	S	176.75	W	61 ?	4.8	1.2	16	KERMADEC ISLANDS REGION
	18	01	16	36.6%	45.999	N	2.972	E	10 G		0.5	7	FRANCE. ML 1.5 (LDG).
	18	01	19	31.3&	34.004	N	116.332	W	3			7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	18	01	19	56.6&	40.278	N	124.728	W	0			6	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.2 (BRK).
	18	02	37	50.2&	37.339	N	118.383	W	13			20	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.2 (GM). ML 3.2 (BRK). Felt at Bishop, Califarnia.
	18	02	38	26.6*	7.807	N	127.800	E	33 N	4.5	1.2	12	PHILIPPINE ISLANDS REGION
	18	02	38	28.9&	37.339	N	118.381	W	13			28	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.7 (GM). ML 3.4 (BRK). Felt at Bishop, Califarnia.
	18	02	48	50.5&	34.195	N	116.873	W	12			10	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	18	03	05	04.6	38.279	N	20.654	E	10 G	4.0	1.3	67	GREECE. ML 4.1 (ROM), 3.7 (TTG), 3.6 (TIR). MD 4.1 (ATH).
	18	03	31	59.0*	10.112	N	126.561	E	33 N	4.6	1.1	18	PHILIPPINE ISLANDS REGION
	18	03	52	24.8%	45.615	N	0.633	E	10 G		0.8	8	FRANCE. ML 2.0 (LDG).
	18	03	55	45.9*	18.989	N	106.657	W	21 D	4.6	0.7	16	OFF COAST OF JALISCO, MEXICO
	18	05	03	12.8	21.012	S	68.631	W	114 D	5.0	1.4	66	CHILE-BOLIVIA BORDER REGION
	18	05	26	53.8%	40.347	N	22.479	E	10 G		1.3	5	GREECE
	18	05	31	48.3&	66.033	N	149.421	W	6			50	NORTHERN ALASKA. <AEIC>. ML 3.2 (AEIC).
a	18	06	15	58.0	22.280	S	174.789	W	44 D	5.2 5.2	1.3	89	TONGA ISLANDS REGION
	18	06	49	08.7?	29.22	S	67.32	W	130 G		1.0	6	LA RIOJA PROVINCE, ARGENTINA
	18	06	50	46.4*	32.761	N	141.541	E	47 ?	4.6	1.1	14	SOUTH OF HONSHU, JAPAN
	18	06	58	56.4&	61.628	N	149.824	W	34			45	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	18	07	25	32.1	44.053	N	5.823	E	14		0.8	21	FRANCE. ML 2.2 (LDG), 2.0 (STR).
	18	07	26	25.3	42.874	N	0.583	W	5 G		0.3	8	PYRENEES. ML 1.0 (STR).
	18	07	34	17.9?	47.90	N	17.44	E	10 G		0.4	4	HUNGARY. ML 2.7 (BRA), 2.3 (VIE).
	18	08	45	32.9*	45.848	N	14.958	E	5 G		1.0	5	NORTHWESTERN BALKAN REGION. MD 2.6 (LJU). ML 2.1 (VIE).
	18	09	13	38.7%	38.044	N	15.977	E	10 G		0.9	7	SICILY
	18	09	34	07 5	38.756	N	21.050	E	10 G		0.8	12	GREECE. MD 3.3 (ATH).
	18	09	42	13.5	38.695	N	21.156	E	10 G		1.2	10	GREECE. MD 3.3 (ATH).
	18	09	45	40.7	39.244	S	173.711	E	11		0.9	18	OFF W. COAST OF N. ISLAND, N.Z. ML 4.0 (WEL).
	18	09	46	40.7&	34.198	N	116.862	W	13			29	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.2 (PAS), 4.0 (GS). Felt (IV) at Angelus Oaks, Cabazon, Forest Falls, Highland, Morongo Valley, Palm Springs and Whitewater; (III) at Bloomington, Blue Jay, Calimesa and Newberry Springs.
	18	10	05	03.7	39.256	S	173.751	E	13		0.8	16	OFF W. COAST OF N. ISLAND, N.Z. ML 4.0 (WEL).
	18	10	05	37.0*	38.800	N	21.041	E	10 G		1.6	10	GREECE. MD 3.1 (ATH).
	18	10	10	36.5%	39.100	N	26.325	E	10 G		0.6	7	TURKEY
	18	10	45	32.4*	0.679	S	127.620	E	33 N	4.6	1.0	18	HALMAHERA, INDONESIA
	18	11	03	06.7&	58.240	N	151.708	W	1			32	KODIAK ISLAND REGION. <AEIC>. ML 3.0 (AEIC).
	18	11	03	25.9	44.156	N	11.109	E	10 G		0.9	8	NORTHERN ITALY. MD 2.9 (FIR).
	18	11	03	29.6	38.780	N	21.060	E	10 G		1.2	12	GREECE. MD 3.2 (ATH).
	18	11	25	25.1?	41.52	N	23.89	E	10 G		0.0	5	GREECE-BULGARIA BORDER REGION
	18	11	38	25.1&	61.006	N	146.606	W	13			55	SOUTHERN ALASKA. <AEIC>. ML 2.9 (AEIC), 3.2 (PMR).
a	18	12	53	55.6	2.895	S	79.923	W	27 D	5.1 4.4	1.0	86	NEAR COAST OF ECUADOR
	18	13	40	24.9%	36.783	N	28.643	E	10 G		0.6	7	DODECANESE ISLANDS
	18	14	00	42.7%	36.709	N	28.634	E	10 G		0.5	6	DODECANESE ISLANDS
	18	14	42	29.4%	39.113	N	27.653	E	10 G		0.4	5	TURKEY
	18	15	17	21.2	28.837	N	138.811	E	479 *	4.8	0.9	89	BONIN ISLANDS REGION
	18	15	26	59.3%	60.370	N	4.860	E	10 G		1.3	6	SOUTHERN NORWAY. MD 1.4 (BER).
	18	15	52	30.1*	38.742	N	21.184	E	10 G		1.4	9	GREECE MD 3.2 (ATH)
	18	16	01	45.0*	38.830	N	21.032	E	10 G		1.5	6	GREECE MD 3 2 (ATH).

	18	16 58 54 5	40 124 S	174.761 E	33 N				0 6	26	COOK STRAIT, NEW ZEALAND. ML 3.8 (WEL). Felt (IV) at Wanganui. Also felt at Otaki.
	18	17 31 54 6&	60.495 N	151.982 W	76					51	KENAI PENINSULA, ALASKA. <AEIC>.
	18	18 03 17 0	41.653 N	21.595 E	10 G				0 6	8	NORTHWESTERN BALKAN REGION. ML 2.2 (SKO).
	18	18 21 41 7	17 459 N	62.035 W	33 N				0 4	13	LEEWARD ISLANDS MD 3.5 (TRN).
	18	18 28 06 9%	44 099 N	8.585 E	10 G				0.4	5	NORTHERN ITALY ML 1.6 (GEN).
	18	18 42 12.7%	45.048 N	7.029 E	10 G				0.5	6	NORTHERN ITALY. ML 1.7 (GEN).
	18	18 55 38 6*	37.840 S	177.104 E	150 G				1.3	22	OFF E. COAST OF N. ISLAND, N.Z.
	18	19 57 29.0	43.404 N	5.443 E	10 G				1.3	26	NEAR SOUTH COAST OF FRANCE. ML 2.7 (STR).
a	18	20 01 03.6	28.644 S	178.324 W	201 D		5.6		1.3	237	KERMADEC ISLANDS REGION. Felt (III) on Raoul Island.
	18	20 33 35.0&	34.976 N	116.958 W	0					8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	18	21 08 41.9*	44.806 N	151.860 E	33 N		4.7		1.2	27	EAST OF KURIL ISLANDS
	18	21 19 03.6&	38.783 N	122.710 W	4					10	NORTHERN CALIFORNIA. <BRK>. ML 3.0 (BRK).
	18	21 22 16.7*	28.483 N	142.626 E	33 N		4.8	4.1	1.3	28	BONIN ISLANDS REGION
	18	21 28 15.1?	28.47 S	67.50 W	33 N				1.6	5	LA RIOJA PROVINCE, ARGENTINA
	18	22 46 10.9?	46.37 N	2.42 E	10 G				0.9	4	FRANCE. ML 1.4 (LDG).
	18	23 08 25.6?	38.20 N	21.01 E	10 G				0.6	7	GREECE
	18	23 41 41.6&	59.308 N	154.834 W	156					20	SOUTHERN ALASKA. <AEIC>.
	18	23 48 34.3?	46.15 N	14.51 E	10 G				0.7	4	NORTHWESTERN BALKAN REGION. MD 2.2 (LJU).
	19	00 00 43.8?	31.29 S	68.64 W	31 *				0.8	7	SAN JUAN PROVINCE, ARGENTINA
	19	00 36 14.1	11.743 N	60.824 W	68 D		4.6		0.9	112	WINDWARD ISLANDS. MD 5.1 (TRN). Felt (III) on Tobago and (II) on Trinidad. Also felt on St. Vincent.
f	19	00 57 40.2	50.502 N	174.922 W	10 G		6.2	5.8	1.0	570	ANDREANOF ISLANDS, ALEUTIAN IS. ML 5.6 (PMR). Ms 6.0 (BRK). Mo=5.0*10**18 Nm (PPT). Felt (III) on Adak. Also felt on Atka. Two events about 1.6 seconds apart. Depth from broadband displacement seismograms, based on first event.
	19	01 00 09.0	39.025 S	177.086 E	71		4.6		1.1	30	OFF E. COAST OF N. ISLAND, N.Z. Felt (IV) at Pataka. Also felt at Napier.
	19	01 26 16 7&	34.261 N	116.725 W	5					7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	19	01 33 27.7	33.535 S	70.710 W	93				1.1	29	CHILE-ARGENTINA BORDER REGION. MD 4.5 (SAN).
	19	01 47 59.1%	33.489 S	70.774 W	79 ?				0.3	10	CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).
f	19	02 04 37.4	42.142 N	73.575 E	27 G		6.6	7.4	1.1	636	KYRGYZSTAN. Ms 7.5 (BRK). Mo=5.0*10**19 Nm (PPT). An estimated 75 people killed, including 14 killed by landslides in Taluk. Several villages, including Taluk, were destroyed (IX) in the Susamyrtau Mountains and at least 8,200 dwellings were destroyed. Felt (VII) at Andizhan, Chimian and Namangan, Uzbekistan. Structural damage (VI) occurred to buildings at Bishkek, Kyrgyzstan. Felt (VI) at Angren, Fergana and Tashkent, Uzbekistan and at Osh, Kyrgyzstan. Also felt (VI) at Alma-Ata, Kazakhstan; (V) at Samarkand and Yangiyul, Uzbekistan and Khadzhent, Tajikistan; (IV) at Dushanbe, Kulyab, Nurek and Pendzhikent, Tajikistan and Naryn, Kyrgyzstan; (III) at Cholpan-Ata and Przhevalsk, Kyrgyzstan. Elevation changes of up to 4 meters observed in the Susamyr Valley. Liquefaction occurred in the epicentral area. Depth from broadband displacement seismograms.
	19	02 12 57.4	42.100 N	73.543 E	33 N		6.1		1.2	61	KYRGYZSTAN
	19	02 34 59.1	42.026 N	73.519 E	33 N		5.0		1.1	22	KYRGYZSTAN
	19	02 57 31.9	5.698 S	130.973 E	118 *		4.9		1.1	34	BANDA SEA
	19	03 10 07.3&	34.497 N	116.518 W	1					11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 2.9 (GS).
	19	03 12 04.9	42.107 N	73.264 E	21 D		6.0	6.3	1.0	519	KYRGYZSTAN
	19	03 20 27.9	42.104 N	73.237 E	19 D		6.1	6.6	1.1	377	KYRGYZSTAN
	19	03 33 06.0*	42.174 N	73.488 E	33 N		5.2		0.9	20	KYRGYZSTAN
	19	03 42 26.7	41.907 N	73.537 E	19 D		4.8		0.9	19	KYRGYZSTAN
	19	03 49 02.9?	40.69 N	23.50 E	10 G				0.5	4	GREECE
	19	04 03 47.9	41.971 N	73.610 E	22 D		4.8		1.2	37	KYRGYZSTAN. ML 4.9 (BJI).
	19	04 06 20.9	42.000 N	73.554 E	19 D		5.0	4.8	1.2	121	KYRGYZSTAN
	19	04 23 59.6?	41.89 N	73.29 E	33 N		4.4		0.2	6	KYRGYZSTAN
	19	04 54 27.4*	42.314 N	73.641 E	33 N		4.6		1.0	14	KYRGYZSTAN. ML 4.7 (BJI).
	19	05 08 45.7?	41.80 N	73.56 E	33 N		4.4		1.5	5	KYRGYZSTAN
	19	05 12 11.9?	14.23 N	124.89 E	33 N				1.1	7	LUZON, PHILIPPINE ISLANDS
	19	05 20 11.5	41.578 S	173.364 E	90 G				0.9	18	SOUTH ISLAND, NEW ZEALAND
	19	05 21 13.2*	41.887 N	73.592 E	21 D		4.5		0.8	11	KYRGYZSTAN
	19	05 23 21.1?	5.73 S	146.99 E	193 *				0.9	7	EASTERN NEW GUINEA REG., P.N.G.
	19	06 04 57.2	13.924 N	124.451 E	25 D		5.0	5.0	1.3	89	LUZON, PHILIPPINE ISLANDS
	19	07 50 12.2&	34.415 N	116.507 W	4					12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.0 (GS).
	19	07 51 48.2*	42.099 N	73.693 E	15 D		4.4		1.7	12	KYRGYZSTAN. ML 4.7 (BJI).
	19	07 54 52.2%	40.388 N	23.349 E	10 G				1.0	8	GREECE
	19	08 51 28.2?	41.99 N	73.16 E	10 G		4.1		0.6	5	KYRGYZSTAN
	19	09 03 18.7*	41.990 N	73.577 E	33 N		4.3		0.6	10	KYRGYZSTAN
	19	09 21 21.8*	51 595 N	7.524 E	10 G				0.7	6	GERMANY
	19	09 45 01.8&	36.047 N	117.586 W	1					14	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 3.0 (PAS), 2.9 (GS).
	19	10 05 51.3*	21.269 S	179.117 W	629 ?		4.3		0.8	21	FIJI ISLANDS REGION
	19	10 12 39.5?	10.74 N	62.38 W	90 G				0.2	6	NEAR COAST OF VENEZUELA. MD 3.4 (TRN).
	19	10 17 35.2	42.265 N	73.252 E	23 D		5.1		1.1	187	KYRGYZSTAN
	19	10 33 27.6%	44.291 N	7.432 E	10 G				0.1	5	NORTHERN ITALY. ML 1.8 (GEN).
	19	11 11 08.7?	32.55 S	71.70 W	31				0.4	11	NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN).
	19	11 32 00.7%	42.760 N	19.169 E	10 G				0.4	5	NORTHWESTERN BALKAN REGION. ML 1.4 (TTG).
	19	12 04 25.6&	34.989 N	116.958 W	0					11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	19	12 18 40.3	7.667 S	128.070 E	110 *		5.0		1.3	29	BANDA SEA
	19	12 42 31.6*	42.573 N	24.147 E	10 G				0.8	6	BULGARIA
	19	12 54 01.8&	40.390 N	124.252 W	8					8	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.1 (BRK).
	19	13 02 04.9	24.628 S	70.494 W	39 D		5.3		1.2	80	NEAR COAST OF NORTHERN CHILE
	19	13 42 20.3*	41.727 N	73.477 E	33 N		3.9		0.6	9	KYRGYZSTAN
	19	14 17 40.7	41.876 N	73.410 E	33 N		4.7		1.0	48	KYRGYZSTAN ML 5.2 (BJI)
	19	15 17 08.4?	41.12 N	28.75 E	10 G				0.4	4	TURKEY
	19	16 05 12.2?	14.38 N	119.19 E	33 N		4.7		1.3	9	LUZON, PHILIPPINE ISLANDS
	19	16 37 08.3?	39.14 N	2.73 W	10 G				0.8	4	SPAIN mbLg 3.0 (MDD).
	19	17 03 24.8%	28.557 S	67.489 W	146 ?				1.1	8	LA RIOJA PROVINCE, ARGENTINA

	19	17	37	10 5%	40 283	N	28 830	E	10	G			1 5	5	TURKEY
	19	18	12	03 8*	41 750	N	73.190	E	33	N	4 3		0 1	7	KYRGYZSTAN
a	19	18	15	46 7	50 148	S	130.520	E	10	G	5.0	5.2	1.1	59	SOUTH OF AUSTRALIA
	19	18	27	54 2%	40 649	N	23.472	E	10	G			0.6	6	GREECE
	19	18	51	25.9	10.996	S	165.198	E	27	D	4.9		0.9	28	SANTA CRUZ ISLANDS
	19	18	59	39.1%	39.582	N	27.581	E	10	G			0.4	6	TURKEY
	19	19	49	28.0	39.346	N	22.669	E	10	G			1 0	11	GREECE
	19	20	09	09 1	39 351	N	22.682	E	10	G			1.0	15	GREECE. MD 3.2 (ATH).
	19	20	15	03.0	39.350	N	22.637	E	10	G			0.7	11	GREECE
	19	21	48	01.7	34.499	N	25.323	E	10	G			1.3	19	CRETE. MD 4 1 (ATH).
	19	21	54	49.6*	42.898	N	0.120	E	5	G			1.0	10	PYRENEES. ML 3.0 (LDG). Felt (IV) in the Bigorre area, France.
	19	22	11	46.0&	61.272	N	155.129	W	7					70	SOUTHERN ALASKA. <AEIC>. ML 3.5 (AEIC), 3.6 (PMR).
	19	22	45	51.2	41.897	N	73.199	E	22	D	4.9		1.2	136	KYRGYZSTAN ML 4.9 (BJI).
	20	00	31	35.6%	37.632	S	176.928	E	33	N			0.9	15	NORTH ISLAND, NEW ZEALAND. ML 3.9 (WEL).
	20	00	40	11.1?	41.22	N	22.88	E	10	G			0.1	4	NORTHWESTERN BALKAN REGION
	20	00	57	20.9	38.841	N	17.887	E	10	G	3.8		1.3	75	SOUTHERN ITALY. MD 4.2 (ATH), 3.9 (TTG). ML 3.9 (TIR), 3.6 (ROM).
	20	01	16	05.0?	40.46	N	23.61	E	10	G			0.0	4	GREECE
	20	01	28	02.5	41.751	N	73.361	E	33	N	4.6		1.1	27	KYRGYZSTAN. ML 4.6 (BJI).
	20	02	03	52.5*	31.295	S	69.021	W	120	*			0.7	17	SAN JUAN PROVINCE, ARGENTINA. MD 4.1 (SAN).
	20	02	29	28.2?	40.34	N	26.03	E	10	G			0.3	5	TURKEY
	20	02	31	07.7&	38.150	N	121.977	W	18					14	NORTHERN CALIFORNIA. <BRK>. ML 2.9 (BRK). Felt at Fairfield.
	20	02	34	27.7?	41.71	N	73.66	E	33	N	4.0		1.2	10	KYRGYZSTAN
	20	02	46	52.6	41.968	N	73.616	E	17	D	4.7		1.2	72	KYRGYZSTAN. ML 4.9 (BJI).
	20	03	38	54.4	38.322	N	0.924	W	10	G			1.2	9	SPAIN. mbLg 3.0 (MDD). Felt (IV) in the Sierra Frailes area.
	20	04	01	16.6*	67.476	N	161.655	W	10	G			1.0	8	NORTHERN ALASKA. ML 3.4 (PMR).
	20	04	24	26.5*	67.523	N	161.400	W	10	G			1.2	5	NORTHERN ALASKA. ML 3.1 (PMR).
	20	04	43	26.7%	44.963	N	6.755	E	10	G			0.3	7	FRANCE. ML 1.8 (GEN).
	20	05	49	44.7	44.739	N	114.415	W	5	G			0.3	13	WESTERN IDAHO. ML 3.4 (GS), 3.2 (BUT).
	20	06	25	47.0	41.864	N	73.386	E	17	D	4.5		0.9	23	KYRGYZSTAN. ML 4.7 (BJI).
	20	06	35	38.7	42.990	N	17.968	E	10	G			1.3	11	ADRIATIC SEA. MD 2.5 (TTG).
	20	06	52	41.8*	41.951	N	73.215	E	33	N	4.1		1.7	12	KYRGYZSTAN
	20	08	41	26.3?	40.50	N	21.77	E	10	G			0.5	4	GREECE
	20	08	58	51.5?	17.22	S	71.56	W	33	N			1.1	5	NEAR COAST OF PERU
	20	09	11	52.9&	59.981	N	153.308	W	144					35	SOUTHERN ALASKA. <AEIC>.
	20	09	33	24.4%	15.964	N	60.733	W	33	N			0.2	7	LEEWARD ISLANDS. ML 3.1 (FDF).
	20	09	59	19.6%	39.146	N	27.602	E	10	G			0.4	5	TURKEY
	20	10	01	16.5*	41.699	N	73.086	E	33	N	4.0		1.4	14	KYRGYZSTAN
	20	11	12	27.7%	36.557	N	12.880	E	10	G			1.2	6	CENTRAL MEDITERRANEAN SEA
	20	12	19	47.1?	44.51	N	129.80	W	10	G			0.4	47	OFF COAST OF OREGON
	20	12	22	47.3	41.991	N	73.377	E	20	D	4.8	4.2	1.2	76	KYRGYZSTAN. ML 4.9 (BJI).
	20	12	24	48.7?	41.66	N	22.22	E	10	G			0.4	5	NORTHWESTERN BALKAN REGION
	20	12	59	27.7*	41.836	N	73.058	E	33	N	4.2		0.5	7	KYRGYZSTAN
a	20	13	37	11.5	26.177	S	69.088	W	105	D	5.4		1.1	164	NORTHERN CHILE. Felt (IV) in the Taltal-Copiapo area.
	20	14	14	45.3*	41.768	N	73.239	E	33	N	3.8		0.3	5	KYRGYZSTAN
	20	14	44	12.8?	24.42	N	123.63	E	33	N	4.5		1.1	9	SOUTHWESTERN RYUKYU ISLANDS
	20	14	46	33.1*	26.389	S	27.448	E	5	G			1.4	7	REPUBLIC OF SOUTH AFRICA. mbLg 3.4 (BUL).
	20	14	48	24.4	14.911	N	61.015	W	167	*			0.5	21	WINDWARD ISLANDS. MD 4.4 (TRN).
	20	14	49	13.0*	39.281	N	0.545	E	10	G			0.9	5	SPAIN. mbLg 3.4 (MDD).
	20	14	54	31.9	5.488	S	102.626	E	27	D	5.1	4.6	1.4	67	SOUTHERN SUMATERA, INDONESIA
	20	15	30	32.1*	67.066	N	20.831	E	10	G			0.8	5	SWEDEN. MD 3.2 (BER).
	20	15	53	02.7*	43.699	N	14.954	E	10	G			1.0	6	ADRIATIC SEA. MD 2.9 (TRI).
	20	16	30	45.4*	41.837	N	73.633	E	33	N	4.2		1.3	13	KYRGYZSTAN. ML 4.8 (BJI).
	20	18	07	40.1&	59.173	N	153.752	W	121					31	SOUTHERN ALASKA. <AEIC>.
a	20	18	31	35.0	25.445	N	141.401	E	33	N	5.1	4.9	1.6	75	VOLCANO ISLANDS REGION
	20	18	59	22.1?	41.21	N	73.20	E	33	N	3.9	4.3	1.6	8	KYRGYZSTAN
	20	19	17	55.9*	51.246	N	98.212	E	33	N	4.2		1.4	12	RUSSIA-MONGOLIA BORDER REGION
	20	19	45	00.3?	42.36	N	73.55	E	33	N	4.4		0.1	5	KYRGYZSTAN
	20	19	46	22.3&	57.565	N	142.732	W	10	G				25	GULF OF ALASKA. <AEIC>. ML 2.8 (AEIC).
	20	19	50	41.8%	33.518	S	70.665	W	86	?			0.3	10	CHILE-ARGENTINA BORDER REGION. MD 3.9 (SAN).
	20	20	23	36.7	11.323	N	59.323	W	32		4.8		0.9	92	NORTH ATLANTIC OCEAN. ML 5.1 (FDF). MD 4.9 (TRN).
	20	21	07	46.6%	40.219	N	28.806	E	10	G			1.1	6	TURKEY
	20	21	35	30.0?	42.21	N	73.51	E	33	N	4.5		0.3	7	KYRGYZSTAN
	20	22	11	36.6%	31.384	S	68.111	W	33	N			1.5	5	SAN JUAN PROVINCE, ARGENTINA
	20	22	47	22.3*	30.060	N	141.775	E	33	N	4.7	4.0	1.2	20	SOUTH OF HONSHU, JAPAN
	20	22	57	40.2&	60.586	N	151.241	W	47					50	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.8 (AEIC).
	20	22	58	08.0%	36.323	N	12.754	E	10	G			0.8	12	CENTRAL MEDITERRANEAN SEA
	20	23	17	36.2*	3 313	N	128.321	E	205	*	5.0		1.3	15	NORTH OF HALMAHERA, INDONESIA
	20	23	41	28.8%	39 412	N	28.317	E	10	G			0.3	5	TURKEY
	20	23	53	37.0?	41.90	N	73.61	E	33	N	4.2		0.4	5	KYRGYZSTAN
	21	00	19	11.2*	0 280	S	91.820	W	10	G	4.6	4.2	1.1	32	GALAPAGOS ISLANDS
	21	00	25	49.7?	19.92	S	178.26	W	490	?	4.5		0.5	10	FIJI ISLANDS REGION
	21	00	34	35.0	22.962	S	69.278	W	74	D	5.0		1.1	80	NORTHERN CHILE. Felt (IV) in the Antofagasta area.
	21	00	37	07.6?	40.56	N	23.77	E	10	G			0.9	4	GREECE
	21	00	56	59.6*	44.010	N	128.309	W	10	G	3.9		0.4	10	OFF COAST OF OREGON
a	21	01	02	18.4	43.930	N	128.344	W	20	D	5.5	4.8	1.0	335	OFF COAST OF OREGON
	21	01	28	53.8&	34.519	N	116.524	W	6					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	21	01	36	22.6*	36.063	N	25.810	E	132	*	3.7		0.9	21	DODECANESE ISLANDS
	21	01	56	38.4?	17.81	N	66.54	W	10	G			0.2	4	PUERTO RICO REGION
	21	02	59	01.8&	63 105	N	150.391	W	111					51	CENTRAL ALASKA. <AEIC>.
	21	03	31	10.7?	14.58	N	60.70	W	33	N			0.1	4	WINDWARD ISLANDS. ML 2.4 (FDF).
	21	04	10	52.8%	37.564	N	27.347	E	10	G			0.9	6	TURKEY
	21	04	14	32.7	41.923	N	73.503	E	33	N	4.7	4.2	1.0	84	KYRGYZSTAN. ML 5.2 (BJI).
	21	04	41	04 4?	35 24	S	71.33	W	90	G			0.4	10	CENTRAL CHILE. MD 3.9 (SAN).
	21	04	43	24 3	43 863	N	39.454	E	25		4.3		1 1	31	NORTHWESTERN CAUCASUS
	21	04	44	36 3*	18 105	N	101 549	W	70		4 4		0 9	16	GUERRERO, MEXICO
	21	04	53	03.5	34 044	S	71.205	W	71		5.1		1.0	28	NEAR COAST OF CENTRAL CHILE. MD 4.7 (SAN). Felt (III) at Valparaiso
	21	05	00	26.2?	60.53	N	4.95	E	10	G			0.1	4	SOUTHERN NORWAY. MD 1.5 (BER).
	21	06	16	43.3*	32.679	N	141.307	E	33	N	4 7		0.8	13	SOUTH OF HONSHU, JAPAN

	21	06	17	52 5*	32 760	S	71 380	W	50 ?			0 4	12	NEAR COAST OF CENTRAL CHILE MD 3.8 (SAN).
	21	06	30	18 2	38.096	N	21 946	E	56 ?	3.6		1 0	27	GREECE MD 3.3 (ATH).
	21	06	55	41 9	31 825	S	69.680	W	146 *			0.4	18	SAN JUAN PROVINCE, ARGENTINA. MD 4 1 (SAN).
	21	07	35	44 7?	28 60	S	65 99	W	30 ?			1.0	5	SANTIAGO DEL ESTERO PROV , ARG Felt (III) along the border between Catamarca and Santiago del Estero Provinces.
	21	08	52	31 0%	40.611	N	23.013	E	10 G			0.4	7	GREECE
	21	09	14	18.1?	40.48	N	27.95	E	10 G			0.8	4	TURKEY
	21	09	15	35 3	38 049	N	21.506	E	5 G	3.8		1.0	31	GREECE. MD 3.9 (ATH). ML 3.7 (TTG). Felt at Kato Akhaia.
	21	09	54	51 3	18 321	S	65.097	E	10 G	5.1	4.8	0.9	149	MAURITIUS-REUNION REGION
	21	10	20	48 2%	42 307	N	6.862	W	10 G			0.7	5	SPAIN. mbLg 2.7 (MDD).
	21	10	43	52.2?	36.81	N	1.60	W	10 G			0.8	4	WESTERN MEDITERRANEAN SEA. mbLg 2.6 (MDD).
	21	11	07	18.7%	40 413	N	23.465	E	10 G			0.2	5	GREECE
	21	11	12	28.5%	40.525	N	23.612	E	10 G			0.7	8	GREECE
	21	11	12	53.0	34.699	N	80.113	E	33 N	4.7	4.1	0.8	50	XIJANG
	21	11	22	16.3&	63 031	N	150.999	W	123	3.5			85	CENTRAL ALASKA. <AEIC>.
	21	11	33	47.8?	6 75	S	147.85	E	106 ?	4.4		0.8	5	EASTERN NEW GUINEA REG., P.N.G.
	21	11	57	38.6%	42.731	N	24.247	E	10 G	3.7		0.6	8	BULGARIA
	21	12	01	52.0*	32.800	N	141.062	E	33 N	4.4		0.6	5	SOUTH OF HONSHU, JAPAN
	21	12	26	34.3?	40.45	N	28.88	E	10 G			0.1	4	TURKEY
	21	12	44	49.3	41.606	N	22.239	E	10 G			0.4	6	NORTHWESTERN BALKAN REGION
	21	12	52	47.5	42.453	N	23.989	E	10 G			0.6	9	BULGARIA
	21	13	31	32.4%	41.906	N	19.106	E	10 G			0.3	6	ALBANIA. ML 1.5 (TTG).
	21	15	17	51.9?	3.50	N	127.79	E	33 N	4.5		1.4	5	TALAUD ISLANDS, INDONESIA
	21	16	14	01.3%	43.336	N	13.154	E	10 G			0.9	7	CENTRAL ITALY
	21	16	24	35.8*	29.632	N	130.667	E	33 N	4.6		1.2	14	RYUKYU ISLANDS
	21	16	31	55.1	33.050	N	80.116	W	10 G	4.1		0.7	16	SOUTH CAROLINA. mbLg 4.1 (GS), 4.4 (TUL). Felt (V) at Charleston, North Charleston and Summerville; (IV) at Eastover and Isle of Palms; (III) at Bonneau, Charleston Air Force Base, Goose Creek, Green Pond, Grover, Huger, Jacksonboro, Jamestown, McClellanville, Pawleys Island, Pinopalis, Ridgeville, Russellville and Turbeville.
	21	17	35	25.9?	8.38	S	158.30	E	33 N	4.6		1.2	6	SOLOMON ISLANDS
	21	17	39	48.8*	45.026	S	167.269	E	170 *			0.7	25	SOUTH ISLAND, NEW ZEALAND
	21	17	43	28.1?	15.27	S	179.72	W	510 ?	4.4		0.9	17	FIJI ISLANDS REGION
	21	18	23	49.7*	2.687	S	126.293	E	48 ?	4.4		0.6	6	CERAM SEA
	21	19	11	07.8	42.444	N	43.260	E	33	4.5		1.1	78	NORTHWESTERN CAUCASUS
	21	19	46	06.5&	34.042	N	116.908	W	17				8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	21	20	20	23.2?	7.03	S	127.18	E	386 ?	4.3		1.1	6	BANDA SEA
	21	21	04	09.2	36.678	N	21.437	E	59	4.1		0.9	45	SOUTHERN GREECE. MD 3.9 (ATH).
	21	21	39	56.9?	30.06	S	177.31	W	118 ?	4.4		1.4	16	KERMADEC ISLANDS, NEW ZEALAND
	21	21	57	29.8*	22.576	N	93.541	E	33 N	4.3	4.0	0.9	22	MYANMAR-INDIA BORDER REGION
	21	21	57	53.7%	40.677	N	23.427	E	10 G			0.2	7	GREECE
a	21	22	11	13.7	5.902	N	124.181	E	27 D	5.2	4.1	1.2	86	MINDANAO, PHILIPPINE ISLANDS
	21	22	49	59.9*	37.818	N	72.469	E	33 N	4.5		1.2	6	TAJIKISTAN
	21	23	12	37.6?	51.60	N	177.62	E	33 N	4.3		1.4	19	RAT ISLANDS, ALEUTIAN ISLANDS. ML 4.4 (PMR).
	21	23	54	36.6*	32.344	S	71.939	W	10 G			0.4	14	NEAR COAST OF CENTRAL CHILE. MD 4.1 (SAN).
	22	00	02	52.9	33.908	S	71.324	W	45 ?			0.5	15	NEAR COAST OF CENTRAL CHILE. MD 4.1 (SAN).
	22	00	17	08.8&	34.188	N	116.787	W	1				6	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	22	00	18	34.3?	17.89	S	179.86	W	647 ?	5.0		1.1	38	FIJI ISLANDS REGION
	22	00	58	41.9	26.339	S	27.464	E	5 G	4.3		0.9	19	REPUBLIC OF SOUTH AFRICA
	22	01	52	59.8&	34.108	N	116.985	W	4				11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.2 (GS).
	22	03	15	08.4	39.778	N	20.242	E	10 G			1.1	15	GREECE-ALBANIA BORDER REGION. MD 3.1 (ATH).
	22	04	27	32.3&	61.661	N	152.038	W	117				81	SOUTHERN ALASKA. <AEIC>.
	22	05	41	17.9?	39.24	N	0.84	W	10 G			1.5	4	SPAIN. mbLg 2.4 (MDD).
	22	06	15	59.9?	39.29	N	0.71	W	10 G			1.0	4	SPAIN. mbLg 2.5 (MDD).
	22	06	16	44.4?	24.82	N	122.70	E	136 ?	3 8		0.2	6	TAIWAN REGION
	22	06	59	47.1?	43.27	N	18.82	E	10 G			0.0	4	NORTHWESTERN BALKAN REGION. ML 1.3 (TTG).
	22	07	06	14.5	37.663	S	176.787	E	8	3.4		0.9	16	NORTH ISLAND, NEW ZEALAND. ML 4.1 (WEL).
	22	07	08	22.3%	42.412	N	19.429	E	10 G			0.5	9	NORTHWESTERN BALKAN REGION. ML 1.5 (TTG).
	22	07	25	45.5*	34.274	N	80.739	E	33 N	3.9		0.9	9	XIJANG
	22	07	35	41.5	15.543	S	70.717	W	172 D	4.8		1.2	90	SOUTHERN PERU
	22	07	48	39.0%	41.173	N	21.973	E	10 G			0.5	7	NORTHWESTERN BALKAN REGION
	22	07	58	40.5	38.890	N	23.165	E	10 G			1.2	14	GREECE. ML 3.0 (ATH).
	22	08	48	56.1%	16.886	N	96.847	W	33 N			1.0	6	OAXACA, MEXICO
	22	08	52	08.2	41.996	N	73.470	E	33 N	4.4		1.2	28	KYRGYZSTAN. ML 4.6 (BJI).
	22	09	05	05.1?	18.89	N	67.71	W	10 G			0.4	6	MONA PASSAGE
	22	10	54	10.9	27 491	S	128.620	E	10 G			1.3	14	WESTERN AUSTRALIA
	22	11	17	52 3	51.328	N	15.972	E	10 G			0.7	11	POLAND. ML 3.6 (VIE), 3.4 (GRF).
	22	11	37	15.4?	44.23	N	127.45	W	10 G			0.5	33	OFF COAST OF OREGON
	22	11	40	42.1	43.061	N	0.725	W	7			0.7	13	PYRENEES. ML 2.6 (LDG).
	22	11	47	09.1	43.054	N	0.732	W	10 G			0.7	12	PYRENEES. ML 2.3 (LDG).
	22	12	20	32.6	39.106	N	70.319	W	10 G	4.8	3.8	0.8	100	OFF EAST COAST OF UNITED STATES. mbLg 4.7 (GS).
	22	13	12	59.5*	51.151	N	178.801	E	33 N	4.3		1.1	23	RAT ISLANDS, ALEUTIAN ISLANDS
	22	13	21	52.7	51.289	N	178.816	E	33 N	4.6	4.1	1.0	55	RAT ISLANDS, ALEUTIAN ISLANDS
	22	14	16	38.4?	44.40	N	6.66	E	10 G			0.1	4	FRANCE. ML 1.5 (GEN).
	22	15	25	07.0?	38.59	S	179.41	E	33 N			1.1	6	OFF E. COAST OF N. ISLAND, N.Z ML 3.8 (WEL).
	22	15	55	50.1%	31.129	S	68.338	W	95 ?			0.7	7	SAN JUAN PROVINCE, ARGENTINA
	22	16	15	16.2	41.209	N	21.967	E	10 G			0.7	10	NORTHWESTERN BALKAN REGION. ML 2.2 (SKO).
	22	16	40	58.3%	42.168	N	19.371	E	10 G			0.3	9	NORTHWESTERN BALKAN REGION. ML 2.0 (TTG).
	22	16	45	36.8?	21.31	S	66.42	W	233 ?			0.4	5	SOUTHERN BOLIVIA
	22	17	07	31.7?	10.04	S	160.56	E	33 N	4.3		0.8	6	SOLOMON ISLANDS
	22	17	12	47.5*	37.174	N	71.714	E	33 N	4.1		0.6	8	AFGHANISTAN-TAJIKISTAN BORD REG.
	22	17	31	54.2*	32.526	N	68.922	E	33 N	4.7		1.3	11	AFGHANISTAN
	22	17	42	26.7*	7.005	S	154.370	E	33 N	4.3		0.6	7	SOLOMON ISLANDS
	22	18	00	48 4*	30.926	S	69.783	W	24			1 4	14	CHILE-ARGENTINA BORDER REGION
	22	18	11	41.5	38.391	N	71.476	E	33 N	4.2		0.5	11	AFGHANISTAN-TAJIKISTAN BORD REG.
	22	18	31	29.6*	50.393	N	18.885	E	10 G			0.6	6	POLAND. ML 3.5 (WAR).
	22	18	42	10.9	46.038	N	14.178	E	10 G			0.8	7	NORTHWESTERN BALKAN REGION. MD 2.3 (TRI). ML 2.1 (LJU).
	22	19	31	53.4?	50.63	N	18.91	E	10 G			0.7	4	POLAND. ML 3.0 (WAR).
	22	19	42	25.5*	31.767	S	69.431	W	150 G			0.5	11	SAN JUAN PROVINCE, ARGENTINA. MD 3.9 (SAN).

22	19	45	44	7%	37	737	N	15 009	E	10	G		0 9	6	SICILY
22	20	22	04	4	7	365	N	123 910	E	606		4.7	0.9	58	MINDANAO, PHILIPPINE ISLANDS
22	20	29	16.3?	36	18		S	178.46	E	269 ?		3.8	0.4	9	OFF E COAST OF N. ISLAND, N.Z
22	21	10	17 7	39	103		N	21.761	E	10	G		0.7	12	GREECE. MD 2.9 (ATH).
22	22	37	02 7?	51	56		N	16 15	E	10	G		0.3	6	POLAND. ML 3.2 (GRF), 3.0 (VIE).
22	22	37	30.2%	45.627			N	0.596	E	10	G		0.6	7	FRANCE ML 2.6 (LDG).
22	22	42	01.9	43.566			N	17.367	E	10	G		1.1	83	NORTHWESTERN BALKAN REGION. MD 3.9 (TRI). ML 3.9 (TTG), 3.9 (VIE)
22	22	51	53 2?	34.92			S	179.99	W	203 ?		4.4	1.0	16	SOUTH OF KERMADEC ISLANDS
22	23	03	21.5%	41.732			N	22.921	E	10	G		0.8	7	NORTHWESTERN BALKAN REGION
22	23	37	57.9?	40.19			N	26.43	E	10	G		0.7	4	TURKEY
23	00	06	38 3*	34	522		N	79.989	E	33	N	4.6	1.4	8	KASHMIR-XIJANG BORDER REGION
23	00	19	08 4?	33.79			S	70.31	W	107 ?			0.3	10	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
23	00	20	57.8%	45.616			N	0.566	E	10	G		1.2	9	FRANCE. ML 2.1 (LDG).
23	00	24	10.9?	7.74			N	126.99	E	5	G		0.9	4	MINDANAO, PHILIPPINE ISLANDS
23	00	28	06.2*	41.950			N	73.746	E	33	N	4.1	0.6	7	KYRGYZSTAN
23	00	54	31.1	47.822			N	7.539	E	10	G		0.5	8	SWITZERLAND. ML 1.9 (LDG), 1.7 (STR).
23	01	06	53.2%	39	295		N	29.135	E	10	G		1.2	11	TURKEY
23	01	39	18.2*	1.566			N	127.927	E	33	N	4.6	0.9	5	HALMAHERA, INDONESIA
23	02	31	16.8*	44	849		N	127.860	W	10	G	3.2	0.7	26	OFF COAST OF OREGON
23	02	32	38.7*	36	415		N	7.159	W	10	G		0.8	8	STRAIT OF GIBRALTAR. mbLg 2.4 (MDD).
23	02	54	47.4*	41.892			N	73.575	E	33	N	4.4	1.0	11	KYRGYZSTAN
23	02	55	11.5&	34	215		N	116.737	W	2				10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.1 (GS).
23	03	22	01.5	44.382			N	7.287	E	10	G		0 7	14	NORTHERN ITALY. ML 2.0 (GEN), 2.0 (LDG).
23	03	32	16.1*	6.698			N	125.969	E	54 ?		3 7	0.5	7	MINDANAO, PHILIPPINE ISLANDS
23	03	50	18.6	49.062			N	150.734	E	282 *		4.0	0.6	21	NORTHWEST OF KURIL ISLANDS
23	04	19	56.5%	33.886			S	70.027	W	10	G		0.2	10	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
23	04	25	35.4	38.539			N	143.443	E	27	D	4.7 3.9	1.0	64	OFF EAST COAST OF HONSHU, JAPAN
23	04	32	04.6	16.175			N	98.023	W	18	D	4 8	1.1	66	NEAR COAST OF GUERRERO, MEXICO
23	04	43	37.6%	10.578			N	61.772	W	33	N		1.2	6	TRINIDAD. MD 3.1 (TRN).
23	05	11	29.4	16.116			N	98.070	W	19	D	4.9 3.9	1.1	80	NEAR COAST OF GUERRERO, MEXICO
23	05	14	40.0&	34.943			N	116.779	W	4				6	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
23	05	15	10.0&	34.941			N	116.772	W	6	G			7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
23	05	30	24.0&	34.218			N	116.776	W	2				12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.1 (GS).
23	05	57	33.6%	27.118			S	27.064	E	5	G		1.4	5	REPUBLIC OF SOUTH AFRICA
23	06	03	51.3	39.214			N	21.808	E	29		3.7	1.1	57	GREECE. ML 3.6 (TTG). MD 3.6 (ATH)
23	06	34	51.2*	17.423			S	172.771	W	51 ?		4.9 4.6	1.7	22	TONGA ISLANDS REGION
23	06	40	44.4&	35.033			N	116.990	W	4				18	CENTRAL CALIFORNIA. <PAS-P>. ML 4.0 (PAS), 3.6 (GS). Felt (III) at Apple Valley and Newberry Springs.
23	07	13	11.8?	1.10			N	123.10	E	150	G	4.8	1.0	13	MINAHASSA PENINSULA, SULAWESI
23	07	15	07.3	41.909			N	73.463	E	33	N	4.7 4.1	1.1	38	KYRGYZSTAN. ML 4.6 (BJI).
23	07	36	06.1&	34.142			N	116.838	W	6				8	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 2.9 (GS).
23	07	55	55.6*	35.540			N	100.145	E	33	N	3.8	1.4	11	QINGHAI, CHINA. ML 4.2 (BJI).
23	09	04	32.4	41.998			N	73.567	E	22	D	4.9	1.1	104	KYRGYZSTAN. ML 4.8 (BJI).
23	09	36	46.4%	38.519			N	23.332	E	10	G		0.5	8	GREECE
23	09	54	02.0	20.472			S	169.757	E	33	N	4.9 4.5	1.1	53	VANUATU ISLANDS
23	10	03	53.3%	11.561			N	61.323	W	10	G		1.1	7	WINDWARD ISLANDS. MD 3.2 (TRN).
23	10	49	53.4&	50.565			N	130.072	W	10	G	3.3		54	VANCOUVER ISLAND REGION. <PGC-P>. ML 3.5 (PGC).
23	11	30	12.4?	41.55			N	23.02	E	10	G		0.4	5	GREECE-BULGARIA BORDER REGION
23	11	35	51.0%	39.283			N	16.696	E	10	G		0.3	7	SOUTHERN ITALY
23	11	36	10.7*	20.807			S	178.012	W	521 ?		4.6	1.0	56	FIJI ISLANDS REGION
23	11	48	19.5	37.848			N	23.320	E	141		3.8	0.5	24	SOUTHERN GREECE
23	11	58	26.6&	34.255			N	116.734	W	10				8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
23	12	44	33.5?	39.29			N	16.51	E	33	N		0.6	4	SOUTHERN ITALY
23	12	57	12.3?	9.63			N	127.04	E	33	N		1.5	4	PHILIPPINE ISLANDS REGION
23	13	16	15.5*	25.546			S	179.647	E	587 ?		4.6	0.8	23	SOUTH OF FIJI ISLANDS
23	13	44	18.0?	39.12			N	27.82	E	33	N		0.0	4	TURKEY
23	13	46	04.4&	34.111			N	116.984	W	4				7	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 2.9 (GS).
23	13	46	24.6&	34.111			N	116.988	W	4				1	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
23	16	07	31.1?	39.25			N	27.72	E	10	G		0.2	4	TURKEY
23	17	49	31.5&	34.123			N	116.735	W	11				11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.0 (GS).
23	18	50	59.2&	34.161			N	116.819	W	7				12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
23	18	58	51.7%	40.777			N	23.656	E	10	G		0.5	7	GREECE
23	19	54	25.2?	32.35			S	179.65	W	407 *		4.3	1.3	33	SOUTH OF KERMADEC ISLANDS
23	20	11	42.4	41.951			N	73.447	E	33	N	4.4	1.1	31	KYRGYZSTAN. ML 5.0 (BJI).
23	20	23	21.3	11.241			N	74.052	W	33	N	4.0	0.8	15	NEAR NORTH COAST OF COLOMBIA. Felt at Santa Marta.
23	20	31	07.3*	37.365			S	176.555	E	298 ?			0.5	27	NORTH ISLAND, NEW ZEALAND
23	20	35	06.0	41.959			N	73.536	E	33	N	4.6 3.7	1.1	25	KYRGYZSTAN
23	21	03	24.2%	37.921			N	29.285	E	10	G		0.4	5	TURKEY
23	21	17	16.4%	38.871			N	21.095	E	10	G		0.4	8	GREECE
23	21	18	09.8?	31.16			S	68.43	W	98 ?			0.3	5	SAN JUAN PROVINCE, ARGENTINA
23	21	32	48 7	27.430			N	65.956	E	33	N	4.6 4.2	1.2	47	PAKISTAN
23	22	28	35.9	37.899			S	176.037	E	236			0.5	44	NORTH ISLAND, NEW ZEALAND
23	22	33	27.0&	34	556		N	116.529	W	6				7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
23	23	17	22.3*	35.571			S	178.396	E	33	N		1.5	10	OFF E COAST OF N. ISLAND, N.Z. ML 4.1 (WEL).
24	00	48	40.0?	31.23			S	69.33	W	120	G		0.6	5	SAN JUAN PROVINCE, ARGENTINA
24	01	14	59.0?	37.52			N	78.78	E	33	N	4.2	0.2	6	SOUTHERN XINJIANG, CHINA
24	01	25	35.2&	34.008			N	106.860	W	5	G			7	NEW MEXICO <SNM>. MD 2.6 (SNM). Felt.
24	01	58	38 7	1.637			N	127.234	E	33	N	4.7	0.9	9	HALMAHERA, INDONESIA
24	02	31	49.2?	24.69			N	124.18	E	33	N	4.3	1.3	7	SOUTHWESTERN RYUKYU ISLANDS
24	03	04	37.7	24.382			N	123.602	E	26	D	5.2 4.6	1.0	193	SOUTHWESTERN RYUKYU ISLANDS. ML 4.8 (BJI).
24	03	29	16.8&	34.433			N	116.458	W	3				8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
24	03	31	44.2?	5.20			S	129.54	E	33	N	4.4	1.3	5	BANDA SEA
24	03	34	30.4	44.453			N	6.093	E	10	G		0.4	7	FRANCE. ML 2.3 (LDG).
24	04	15	37.5	43.430			N	5.430	E	10	G		0.8	14	NEAR SOUTH COAST OF FRANCE. ML 2.5 (STR).
24	04	45	35.5	28.463			S	69.461	W	128			0 7	16	CHILE-ARGENTINA BORDER REGION
24	05	47	44.1&	34.270			N	116.404	W	2				10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS)
24	06	18	15 9?	16.45			N	99 15	W	25 *			1.4	6	NEAR COAST OF GUERRERO MEXICO
24	06	30	12.2*	31.249			N	103.407	E	10	G		1 1	7	SICHUAN, CHINA ML 3 6 (BJI).
f 24	06	59	39.9	41.977			N	140.660	E	121	G	6.2	0.8	681	HOKKAIDO, JAPAN REGION. mb 6.3 (BRK). Mo=3.2*10**18 Nm (PPT). Felt (IV JMA) at Obihira and (III JMA) at kushira and Nemuro. Depth from broadband displacement seismograms.

	24	07	16	48.7?	39.01	N	27.66	E	10	G			0.3	5	TURKEY
	24	07	44	54.4%	15.322	N	60.868	W	33	N			0.8	7	LEEWARD ISLANDS ML 2.5 (FDF).
	24	08	29	10.4?	41.81	N	23.01	E	10	G			1.2	4	GREECE-BULGARIA BORDER REGION
	24	08	57	54.1*	23.124	N	143.542	E	87	*	4.4		1.1	18	VOLCANO ISLANDS REGION
	24	09	49	57.8	34.680	N	80.237	E	62	D	4.9		1.1	123	XIJANG
	24	09	50	43.9?	25.88	S	27.46	E	5	G			1.5	4	REPUBLIC OF SOUTH AFRICA
	24	09	59	44.5	34.708	N	80.252	E	49	*	4.5		1.2	34	XIJANG
	24	11	07	44.7	38.449	N	143.391	E	23	*	4.9	4.4	0.9	34	OFF EAST COAST OF HONSHU, JAPAN
	24	11	35	27.3*	58.961	S	22.993	W	33	N	4.4		0.7	7	SOUTH SANDWICH ISLANDS REGION
	24	12	39	35.9%	39.148	N	27.815	E	10	G			0.9	5	TURKEY
	24	12	43	03.6&	34.947	N	116.781	W	6	G				16	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.4 (PAS). ML 3.3 (GS).
	24	12	43	47.5%	37.416	N	4.913	W	10	G			1.2	6	SPAIN. mbLg 2.3 (MDD).
	24	13	15	17.8&	59.763	N	153.356	W	117					46	SOUTHERN ALASKA. <AEIC>.
	24	13	51	46.0&	34.273	N	116.774	W	2					27	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.3 (PAS), 3.9 (GS). Felt (IV) at Angelus Oaks, Fawnskin and La Quinta. Felt (II) at Apple Valley, Moreno Valley and Morongo Valley.
	24	14	43	04.6&	34.549	N	116.540	W	4					8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	24	14	54	29.4&	61.540	N	150.539	W	49					61	SOUTHERN ALASKA. <AEIC>. ML 3.2 (AEIC).
o	24	15	21	21.1	20.588	S	169.779	E	33		5.3	4.9	1.1	89	VANUATU ISLANDS
	24	15	36	09.7?	41.10	N	24.59	E	10	G			0.5	6	GREECE-BULGARIA BORDER REGION
	24	15	43	51.5*	37.679	S	177.189	E	153	?			0.7	8	OFF E. COAST OF N. ISLAND, N.Z.
	24	16	31	29.7?	41.93	N	16.14	E	10	G			1.0	4	SOUTHERN ITALY
	24	16	45	33.2&	34.184	N	116.808	W	10					12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.1 (GS).
	24	17	35	24.1	31.021	N	141.406	E	33	N	4.9	3.9	0.6	19	SOUTH OF HONSHU, JAPAN
	24	18	21	42.4&	34.277	N	116.777	W	2					11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.2 (GS).
	24	18	29	15.8?	34.30	S	71.02	W	63	?			0.8	10	NEAR COAST OF CENTRAL CHILE. MD 3.4 (SAN).
	24	18	37	34.3*	23.412	N	120.657	E	31	*	4.7		1.5	13	TAIWAN. ML 4.6 (BJI).
	24	19	09	41.3*	31.444	S	68.407	W	10	G			1.0	5	SAN JUAN PROVINCE, ARGENTINA
	24	19	12	17.1&	58.952	N	153.714	W	97					56	KODIAK ISLAND REGION. <AEIC>.
	24	19	38	23.7%	40.659	N	23.097	E	10	G			0.4	8	GREECE
a	24	19	40	34.9	56.622	S	26.552	W	107	D	5.9		0.9	240	SOUTH SANDWICH ISLANDS REGION
	24	19	41	29.4	39.208	N	20.583	E	10	G			0.9	22	GREECE-ALBANIA BORDER REGION. ML 3.6 (ATH).
	24	19	52	52.3	37.890	N	21.085	E	10	G	3.8		0.8	20	SOUTHERN GREECE. MD 3.5 (ATH).
	24	19	57	50.9?	10.52	N	62.01	W	10	G			0.9	5	NEAR COAST OF VENEZUELA. MD 3.3 (TRN).
	24	20	23	28.7*	5.289	S	150.570	E	147	*	4.3		0.3	8	NEW BRITAIN REGION, P.N.G.
	24	20	24	43.1&	34.941	N	116.786	W	4					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	24	21	06	13.5?	34.40	S	70.42	W	10	G			0.2	8	CHILE-ARGENTINA BORDER REGION
	24	21	15	19.7&	34.184	N	116.807	W	8					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 2.6 (GS).
	24	21	21	46.7?	72.79	N	10.08	E	10	G	4.2		1.1	16	NORWEGIAN SEA
	24	21	43	47.0	42.512	N	24.906	E	10		4.2		1.1	62	BULGARIA
	24	22	08	31.6&	33.993	N	116.963	W	8					4	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	24	22	23	16.3	42.259	N	2.332	E	10	G			0.8	11	PYRENEES. ML 2.8 (LDG).
	24	22	37	43.9%	33.266	S	72.024	W	10	G			0.6	9	OFF COAST OF CENTRAL CHILE
	24	22	38	05.4*	33.328	S	71.943	W	10	G			1.1	18	NEAR COAST OF CENTRAL CHILE. MD 4.4 (SAN).
	24	23	29	55.4&	63.528	N	151.667	W	12					35	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC).
	24	23	31	53.3	1.179	N	126.049	E	67	*	4.7		1.1	20	NORTHERN MOLUCCA SEA
	24	23	40	14.9*	38.977	N	22.176	E	10	G			0.5	12	GREECE
	24	23	53	53.6	0.900	N	28.095	W	10	G	4.8	4.1	0.8	48	CENTRAL MID-ATLANTIC RIDGE
	25	00	38	13.1%	46.858	N	0.766	W	10	G			1.2	9	FRANCE. ML 2.4 (LDG).
	25	01	27	12.3	47.716	N	153.561	E	63	D	5.5		0.8	298	KURIL ISLANDS
	25	01	31	02.5%	29.154	S	68.371	W	33	N			0.8	7	SAN JUAN PROVINCE, ARGENTINA
	25	01	34	26.5*	31.598	S	69.587	W	136	*			0.6	16	SAN JUAN PROVINCE, ARGENTINA. MD 3.9 (SAN).
	25	01	35	18.8	45.622	N	14.362	E	10	G			0.7	10	NORTHWESTERN BALKAN REGION. ML 2.9 (VIE). MD 2.7 (TRI).
a	25	02	07	13.0	10.042	S	160.204	E	27		5.4	5.5	1.0	133	SOLOMON ISLANDS. Felt at Honiara.
	25	02	10	55.1*	10.002	S	160.269	E	33	N	5.1		1.1	22	SOLOMON ISLANDS. Felt at Honiara.
	25	02	25	48.9	42.413	N	13.300	E	18				1.1	64	CENTRAL ITALY. ML 3.8 (TTG), 3.5 (LDG). MD 3.9 (TRI), 3.6 (FIR), 3.6 (ROM), 3.6 (VIE).
	25	02	48	46.4%	42.489	N	13.653	E	10	G			0.9	6	CENTRAL ITALY
	25	02	57	04.5	44.296	N	17.958	E	10	G			0.9	13	NORTHWESTERN BALKAN REGION. ML 2.8 (TTG), 2.6 (LJU).
	25	02	57	47.7?	12.56	N	69.70	W	10	G			0.3	8	NEAR COAST OF VENEZUELA
	25	02	59	07.1	31.191	S	69.349	W	122	*			0.7	17	SAN JUAN PROVINCE, ARGENTINA. MD 4.2 (SAN).
	25	03	02	12.6?	9.56	S	159.97	E	48	*	4.4		0.9	8	SOLOMON ISLANDS
	25	03	20	28.7*	6.753	N	72.961	W	164		4.4		1.3	17	NORTHERN COLOMBIA
	25	04	34	24.7&	35.041	N	118.927	W	8					19	CENTRAL CALIFORNIA. <PAS-P>. ML 2.5 (PAS).
	25	05	25	34.9	9.796	N	127.017	E	11		4.7	3.9	0.4	13	PHILIPPINE ISLANDS REGION
	25	06	55	55.6*	33.614	S	71.905	W	19	*			0.4	12	NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	25	06	57	07.1?	33.62	S	71.93	W	13				0.5	10	NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).
	25	06	58	39.6*	5.523	S	146.717	E	236		5.0		1.1	17	EASTERN NEW GUINEA REG., P.N.G.
	25	07	10	48.0%	33.612	S	71.794	W	21				0.4	11	NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	25	07	12	05.6*	33.636	S	72.126	W	33	N			0.8	12	OFF COAST OF CENTRAL CHILE. MD 4.0 (SAN).
	25	07	16	36.9%	33.608	S	71.758	W	23				0.4	11	NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	25	07	17	20.3	39.317	N	23.923	E	25				0.6	19	AEGEAN SEA. ML 3.1 (ATH).
	25	07	26	54.8%	33.649	S	72.077	W	10	G			0.5	10	OFF COAST OF CENTRAL CHILE. MD 3.4 (SAN).
	25	07	32	17.7?	33.83	S	72.43	W	40	?			1.0	18	OFF COAST OF CENTRAL CHILE. MD 4.3 (SAN).
	25	07	36	29.1%	33.619	S	71.963	W	13				0.5	10	NEAR COAST OF CENTRAL CHILE
	25	07	39	49.0%	33.619	S	71.921	W	13				0.5	11	NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	25	07	57	46.5%	33.626	S	72.051	W	10	G			0.6	10	OFF COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	25	08	13	40.3%	17.958	N	66.470	W	33	N			0.4	5	PUERTO RICO REGION
a	25	08	24	12.9	20.942	S	174.947	W	66	D	5.5		1.1	207	TONGA ISLANDS
	25	09	14	08.0	43.314	N	17.550	E	10	G			0.8	11	NORTHWESTERN BALKAN REGION. ML 2.6 (TTG).
	25	09	26	50.9%	33.564	S	69.971	W	10	G			0.2	10	CHILE-ARGENTINA BORDER REGION
	25	09	34	26.9%	41.165	N	23.600	E	10	G			0.9	5	GREECE-BULGARIA BORDER REGION
	25	10	35	49.6%	40.176	N	27.418	E	12	*			0.4	6	TURKEY
	25	10	36	19.1?	32.26	S	72.04	W	10	G			0.7	11	OFF COAST OF CENTRAL CHILE. MD 3.2 (SAN).
	25	11	28	28.1	37.707	S	176.881	E	23		4.6		1.2	30	NORTH ISLAND, NEW ZEALAND. ML 4.5 (WEL).
	25	11	33	13.2%	39.338	N	27.745	E	10	G			0.4	5	TURKEY
	25	12	22	27.4?	42.92	N	23.95	E	10	G			0.9	9	BULGARIA
	25	12	28	22.9%	40.699	N	23.385	E	10	G			0.4	6	GREECE
	25	12	32	53.8*	22.725	S	66.166	W	254	*	4.7		1.5	13	JUJUY PROVINCE, ARGENTINA
	25	13	43	40.3?	33.75	S	70.47	W	109	?			0.8	10	CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).
	25	13	53	33.5	35.732	N	29.915	E	11		3.9		1.1	37	EASTERN MEDITERRANEAN SEA. MD 4.1 (HLW).
	25	13	54	39.0*	37.567	S	177.368	E	194	*			0.9	34	OFF E COAST OF N. ISLAND, N.Z

	25	14 11 44 5*	31.418	S	69.617	W	140	*			0 5	16	SAN JUAN PROVINCE, ARGENTINA. MD 3 8 (SAN)
	25	14 20 16 3*	29 574	S	71.482	W	81	*			1.1	22	NEAR COAST OF CENTRAL CHILE MD 4.6 (SAN).
	25	15 10 14 4	31.964	S	69.445	W	153	?			0 7	19	SAN JUAN PROVINCE, ARGENTINA. MD 4.0 (SAN).
	25	15 21 14.3*	41.836	N	19.430	E	10	G			0.7	7	ALBANIA. ML 2 1 (TTG).
	25	15 21 37.4?	31 64	S	68.37	W	100	G			1.1	5	SAN JUAN PROVINCE, ARGENTINA
	25	16 12 12.3%	34 041	S	71.464	W	60	G			0.2	7	NEAR COAST OF CENTRAL CHILE
	25	17 16 34 1%	31.490	S	68.520	W	100	G			0.6	7	SAN JUAN PROVINCE, ARGENTINA
	25	17 24 27 7&	34 941	N	116.785	W	6	G				8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	25	17 42 18 3&	40 300	N	124.483	W	22					20	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.4 (BRK). Felt (IV) at Ferndale and Haneydew. Felt (III) at Fortuna and Ria Dell. Also felt at Petralia.
a	25	18 02 45 4	4.856	N	32.631	W	10	G	5.1 4.7		1.1	83	CENTRAL MID-ATLANTIC RIDGE
	25	18 12 19.3*	55.748	N	161.705	W	168		4.3		0.9	47	ALASKA PENINSULA
	25	19 32 14.1*	13.136	N	143.264	E	200	*	4.8		0.9	18	SOUTH OF MARIANA ISLANDS
	25	19 56 08.8*	1.618	N	126.989	E	88	*	4.8		1.1	16	NORTHERN MOLUCCA SEA
	25	20 01 04.4*	44.675	S	35.841	E	10	G	4.7 4.5		0.9	13	PRINCE EDWARD ISLANDS REGION
	25	20 04 40.7	46.544	N	151.432	E	64	?	4.7 4.4		0.7	54	KURIL ISLANDS
	25	20 14 28.8?	44.55	N	7.50	E	10	G			0.1	4	NORTHERN ITALY. ML 1.8 (GEN).
	25	20 14 33.9&	59.645	N	138.721	W	9					15	SOUTHEASTERN ALASKA. <AEIC>. ML 3.0 (AEIC).
	25	21 23 43.2%	33.160	S	70.827	W	10	G			0.3	9	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	25	22 11 01.7	41.505	N	19.727	E	5	G			0.4	11	ALBANIA. ML 2.1 (TTG), 1.7 (SKO).
	26	00 41 21.8	39.907	N	24.023	E	10	G			0.4	19	AEGEAN SEA. ML 3.4 (ATH).
	26	01 23 51.7%	44.481	N	7.283	E	25	?			0.3	9	NORTHERN ITALY. ML 2.1 (GEN).
o	26	01 47 29.9	5.744	S	154.093	E	96		5.4		0.8	52	SOLOMON ISLANDS
	26	02 06 26.7?	33.66	S	70.36	W	100	G			0.7	7	CHILE-ARGENTINA BORDER REGION
	26	02 30 56.3	34 647	N	79.977	E	33	N	4.0		0.8	15	KASHMIR-XIJANG BORDER REGION
	26	03 24 52.6	32.173	N	102.708	W	5	G			1.1	8	WESTERN TEXAS. mbLg 3.0 (GS).
	26	03 40 10.0	37.816	N	16.149	E	27	*			1.1	10	IONIAN SEA
	26	03 47 37.7	51.188	N	15.819	E	10	G			0.8	9	POLAND. ML 3.6 (VIE).
	26	03 50 44.0?	66.93	N	13.48	E	10	G			0.3	4	NORTHERN NORWAY. MD 2.2 (BER).
	26	03 50 54.2?	56.08	N	166.04	E	33	N	4.0		0.6	6	KOMANDORSKY ISLANDS REGION
	26	04 12 13.3%	45.551	N	26.563	E	130	G			0.8	7	ROMANIA
	26	04 46 47.2?	33.48	S	70.40	W	107	?			0.8	9	CHILE-ARGENTINA BORDER REGION
	26	04 52 05.5*	4.297	S	143.624	E	120	*	5.1		1.1	28	NEW GUINEA, PAPUA NEW GUINEA
	26	05 41 38.4&	37.630	N	89.680	W	5					36	CAPE GIRARDEAU, MISSOURI REGION. <SLM-P>. MD 3.5 (SLM). mbLg 3.2 (GS), 3.0 (TUL). Felt (V) at Altenburg and Old Appleton; (IV) at Farrar, Menfro, Oak Ridge, Perryville, Pocahontas and Wittenberg; (III) at Brazeau and Uniontown. Felt (IV) at Jacob and Grand Tower, Illinois; (III) at Alto Pass and Wolf Lake, Illinois.
	26	05 57 54.8?	33.29	S	72.44	W	10	G			0.6	10	OFF COAST OF CENTRAL CHILE. MD 3.5 (SAN).
	26	07 04 36.4?	55.20	N	160.32	E	140	D	4.2		0.8	11	KAMCHATKA
	26	07 40 36.7	41.785	N	73.387	E	33	N	4.8		1.2	48	KYRGYZSTAN. ML 4.9 (BJI).
	26	08 25 09.3	6.029	S	130.412	E	113	*	5.1		1.0	43	BANDA SEA
	26	08 55 48.9&	34.145	N	116.427	W	4					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 2.6 (GS).
	26	09 33 11.8*	31.963	S	70.274	W	120	G			0.5	13	CHILE-ARGENTINA BORDER REGION. MD 3.9 (SAN).
	26	10 37 45.3%	38.636	N	30.708	E	10	G			0.5	8	TURKEY
	26	10 58 08.8&	40.208	N	124.192	W	13					12	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.0 (BRK). Felt (V) at Haneydew. Also felt at Petrolia.
	26	10 58 58.8&	35.938	N	117.749	W	5					10	CENTRAL CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	26	11 36 36.6*	6.201	N	126.285	E	33	N	4.7		0.6	9	MINDANAO, PHILIPPINE ISLANDS
	26	11 41 49.6?	33.03	S	72.22	W	9				0.4	10	OFF COAST OF CENTRAL CHILE. MD 3.7 (SAN).
	26	11 54 17.0	7.322	S	156.094	E	59	*	5.2		1.1	37	SOLOMON ISLANDS
	26	12 25 18.3&	34.111	N	116.984	W	5					11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 2.9 (GS).
	26	12 30 59.2?	39.18	N	27.62	E	10	G			0.6	4	TURKEY
	26	12 45 04.0*	33.167	S	71.877	W	15				0.8	12	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	26	13 21 57.4&	34 060	N	116.367	W	0					15	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.8 (PAS), 3.6 (GS). Felt (IV) at Twentynine Palms and Yucca Valley; (III) at Beaumont and Marango Valley; (II) at Newberry Springs.
	26	13 50 49 6&	34.106	N	116.984	W	4					11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.2 (GS). Felt (III) at Beaumont and Forest Falls.
	26	14 26 50 4%	39.184	N	27.790	E	10	G			0.2	5	TURKEY
	26	14 28 31.2?	40.98	N	23.85	E	10	G			0.4	4	GREECE
	26	14 30 22.0?	44.93	N	7.08	E	5	G			0.2	4	NORTHERN ITALY. ML 1.3 (GEN).
	26	14 41 21.9?	39.08	N	27.56	E	10	G			0.3	4	TURKEY
	26	14 42 31.1	14.783	N	119.808	E	72	*	4.5		1.1	15	LUZON, PHILIPPINE ISLANDS
	26	15 07 45.2	39.155	N	20.386	E	53		4.7		1.2	124	GREECE-ALBANIA BORDER REGION. MD 4.5 (ATH).
	26	15 15 40 1	26 412	S	27 208	E	5	G	4 0		1.1	9	REPUBLIC OF SOUTH AFRICA
	26	15 24 13.8?	4 34	S	141.63	E	123	?	3.9		1.3	9	NEW GUINEA, PAPUA NEW GUINEA
	26	15 50 48.3&	34.277	N	116 741	W	0					7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	26	15 59 31.8&	62.027	N	149 193	W	43					68	CENTRAL ALASKA. <AEIC>. ML 2.7 (AEIC).
	26	16 08 14.6*	31.451	S	69.834	W	126	?			0.6	14	SAN JUAN PROVINCE, ARGENTINA. MD 3.9 (SAN).
	26	16 13 05.6*	43.106	N	17.876	E	10	G			1.0	9	NORTHWESTERN BALKAN REGION. ML 2.4 (TTG).
	26	16 16 22.2%	44.387	N	8 324	E	10	G			0.2	8	NORTHERN ITALY. ML 1.9 (GEN).
	26	16 28 11.1&	34.312	N	116.435	W	4					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	26	16 29 50.9&	59.752	N	152.567	W	98					64	SOUTHERN ALASKA. <AEIC>.
	26	16 43 21 7%	33 129	S	70 233	W	10	G			0.3	10	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	26	16 56 42.8*	12.495	S	166.014	E	73	*	4.7		1.1	22	SANTA CRUZ ISLANDS
	26	17 06 08.8	38.270	N	22.589	E	10	G			1.1	16	GREECE. ML 3.0 (ATH).
	26	18 32 13.9%	43.264	N	18.951	E	10	G			0.5	5	NORTHWESTERN BALKAN REGION. ML 1.6 (TTG).
	26	18 36 33.4?	36.71	S	177.04	E	341	?			0.5	20	OFF E. COAST OF N. ISLAND, N.Z.
	26	18 38 51.3	41.249	N	22.781	E	10	G			0.7	16	NORTHWESTERN BALKAN REGION
	26	18 42 02.1	42.385	N	19.338	E	36		4.7		1.2	187	NORTHWESTERN BALKAN REGION. MD 5.1 (TRI), 4.7 (VIE), 4.6 (ATH), 4.4 (TIR). ML 4.5 (TTG). Felt (VII) in the epicentral area. Felt (VI) at Podgarica, Ulcinj and Petrovac; (V) at Budva and Kator; (IV) at Niksic, Yugoslavia
	26	19 05 01 2%	42 404	N	19 427	E	10	G			0 6	8	NORTHWESTERN BALKAN REGION. ML 1.4 (TTG).
	26	19 59 49.1	43.544	N	16.939	E	10	G			0 8	17	NORTHWESTERN BALKAN REGION. ML 2.8 (TTG).
	26	20 29 01.2&	34.943	N	116.788	W	1					8	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	26	20 44 40 3	41.941	N	73.664	E	33	N	4 4		0 6	11	KYRGYZSTAN
	26	21 12 45.2?	23.23	S	176.09	W	236	?	4 5		1 3	10	SOUTH OF FIJI ISLANDS

	26	21 36 58 7	42 402	N	19.420	E	10	G			0.5	9	NORTHWESTERN BALKAN REGION ML 2.1 (TTG).
	26	21 45 23.5%	44.129	N	11.140	E	10	G			0.3	5	NORTHERN ITALY
	26	21 52 51.9	2.405	S	76.196	W	176		4.4		0 9	47	PERU-ECUADOR BORDER REGION
	26	22 01 15.0	41.928	N	73.552	E	33	N	4.6		1.4	38	KYRGYZSTAN. ML 5.0 (BJI).
	26	23 00 24.4*	50.433	N	18.891	E	10	G			1.1	6	POLAND ML 3.1 (WAR)
	26	23 31 04.8%	42.475	N	13.362	E	10	G			0 6	6	CENTRAL ITALY
	26	23 41 02.8	50.134	N	4.251	E	10	G			0.9	44	BELGIUM. ML 3.9 (GSH), 3.7 (LDG), 3.5 (STR), 3.4 (BNS). MD 3.8 (UCC).
	27	00 20 39.0?	50.16	N	18.97	E	10	G			0.5	4	POLAND. ML 3.1 (WAR).
	27	00 28 50.4?	39.49	N	26.34	E	10	G			0.4	4	TURKEY
	27	00 49 00.9	49.156	N	6.879	E	10	G			0.8	30	GERMANY. ML 3.0 (STR). MD 3.3 (UCC)
	27	01 15 15.6?	44.09	N	11.11	E	10	G			0.2	4	NORTHERN ITALY
	27	01 18 00.1?	45.27	N	14.07	E	10	G			1.1	5	NORTHWESTERN BALKAN REGION. MD 2.3 (LJU), 2.1 (TRI).
	27	01 44 37.7&	34.941	N	116.790	W	1					14	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.1 (GS).
	27	01 53 09.7?	38.13	N	22.12	E	5	G			1.6	4	GREECE. ML 2.8 (ATH).
	27	01 55 16.9?	34.04	S	72.17	W	33	N			0.8	11	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	27	02 03 15.9%	42.371	N	19.439	E	10	G			0.4	9	NORTHWESTERN BALKAN REGION. ML 1.7 (TTG).
	27	02 34 21.9	47.136	N	11.245	E	5	G			0.2	6	AUSTRIA. ML 1.2 (VIE).
	27	02 53 35.1&	34.977	N	116.972	W	6	G				19	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.7 (PAS), 3.3 (GS).
	27	03 07 46.5*	12.939	N	59.544	W	33	N			0.2	11	WINDWARD ISLANDS. MD 3.8 (TRN). ML 3.8 (FDF).
	27	04 01 43.3?	34.01	S	72.16	W	10	G			0.4	10	NEAR COAST OF CENTRAL CHILE. MD 3.5 (SAN).
	27	04 09 49.3	36.116	N	139.815	E	63		5.0		1.2	132	EASTERN HONSHU, JAPAN
	27	05 11 57.9	54.368	N	166.636	E	27	D	4.8	4.5	1.0	90	KOMANDORSKY ISLANDS REGION
	27	05 38 02.2?	15.97	N	60.29	W	10	G			0.1	5	LEEWARD ISLANDS. ML 2.9 (FDF).
	27	06 00 22.1?	15.44	N	60.79	W	33	N			0.3	5	LEEWARD ISLANDS. ML 2.3 (FDF).
	27	06 03 18.8	31.344	N	141.663	E	33	N	4.9	4.4	1.1	91	SOUTH OF HONSHU, JAPAN
	27	06 17 40.1%	42.483	N	13.319	E	5	G			1.3	6	CENTRAL ITALY
	27	06 50 17.5?	33.67	S	179.98	W	160	?	4.8		1.3	14	SOUTH OF KERMADEC ISLANDS
	27	07 40 41.3	42.499	N	13.498	E	10	G			1.1	13	CENTRAL ITALY
	27	07 56 56.7*	20.217	S	168.996	E	33	N	4.3		0.5	7	LOYALTY ISLANDS
	27	08 11 47.9	18.219	N	101.433	W	96		4.0		0.9	34	GUERRERO, MEXICO
	27	08 49 13.0	44.463	N	37.326	E	20	D	4.8	4.2	1.1	150	NORTHWESTERN CAUCASUS. Felt (V) at Anapa and Gaykadzory, Russia. Also felt at Novorossiysk, Russia.
	27	09 15 49.2	39.152	N	23.288	E	10	G			0.7	12	AEGEAN SEA. ML 3.0 (ATH).
	27	10 11 17 7%	42.408	N	19.434	E	10	G			0 4	9	NORTHWESTERN BALKAN REGION. ML 1.3 (TTG).
	27	11 47 37.3?	42.94	N	24.33	E	10	G			0.5	7	BULGARIA
	27	12 04 36.7?	3.11	N	126.80	E	33	N	4.5		0.7	5	TALAUD ISLANDS, INDONESIA
	27	12 28 57 1	38.694	N	142.145	E	50		4.8	4.1	1.1	78	NEAR EAST COAST OF HONSHU, JAPAN
	27	13 06 41.8?	44.13	N	12.22	E	10	G			0.3	4	NORTHERN ITALY
	27	13 25 53.9	5.925	S	153.481	E	63	*	5.2		1.0	36	NEW IRELAND REGION, P.N.G.
	27	14 18 16 0%	38.083	N	14.458	E	5	G			0.6	5	SICILY
	27	14 18 25.3?	28.69	N	52.60	E	33	N	4.0		0.5	5	SOUTHERN IRAN
	27	14 27 52.3	43.409	N	5.434	E	10	G			0.8	14	NEAR SOUTH COAST OF FRANCE. ML 2.5 (STR).
	27	14 31 18.0?	59.97	N	4.50	E	10	G			0.5	6	SOUTHERN NORWAY. MD 2.0 (BER).
	27	14 36 04.5?	20.44	S	169.47	E	33	N	4.4		1.4	6	VANUATU ISLANDS
	27	14 39 20.0?	42.24	N	25.18	E	10	G			0.7	8	BULGARIA
	27	15 06 44.7%	40.590	N	21.341	E	10	G			0.8	7	GREECE
	27	15 37 13.4	54.549	N	166.393	E	28	D	4.5		0.8	33	KOMANDORSKY ISLANDS REGION
	27	15 51 58.7	56.061	N	6.042	W	10	G			0.3	13	UNITED KINGDOM. ML 2.7 (BGS).
	27	15 52 30.8?	20.59	S	169.81	E	33	N	4.2		0.5	5	VANUATU ISLANDS
	27	16 28 16.7*	54.415	N	166 616	E	33	N	4.4		1.2	24	KOMANDORSKY ISLANDS REGION
	27	17 20 28.0%	39.351	N	16.288	E	10	G			0.7	6	SOUTHERN ITALY
	27	17 27 16.8?	21.47	S	173.23	E	33	N	5.0		1.4	10	VANUATU ISLANDS REGION
	27	17 55 54.3	16.795	N	61.107	W	55	*			0.6	20	LEEWARD ISLANDS. MD 3.8 (TRN).
	27	18 04 01.7	9.762	N	126.657	E	40	D	4.7	4.1	1.1	38	MINDANAO, PHILIPPINE ISLANDS
	27	18 10 13.9?	37.78	S	176.49	E	206	?			0.4	14	NORTH ISLAND, NEW ZEALAND
	27	19 08 23.4%	44.511	N	6.990	E	10	G			0.4	7	FRANCE. ML 2.1 (GEN).
	27	19 19 20.5?	12.70	S	123.68	E	33	N	4.9		1.0	10	SOUTH OF TIMOR, INDONESIA
	27	23 41 49.5?	41.57	N	23.38	E	10	G			0.6	6	GREECE-BULGARIA BORDER REGION
o	28	00 50 50.4	29.087	N	66.740	E	9	D	5.5	5.5	1.3	299	PAKISTAN. At least four people killed, several injured and many houses destroyed in the Kalat area. Felt at Khuzdar, Manguchar, Mastung and Quetta.
	28	01 29 03.1?	10.99	N	141.71	E	33	N	4.4		0.6	8	WESTERN CAROLINE ISLANDS
	28	01 51 44.0?	39.24	N	25.30	E	10	G			0.2	5	AEGEAN SEA
	28	02 29 57.4&	38.022	N	118.729	W	8					14	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.0 (GM).
	28	02 34 46.0	45.860	N	9.977	E	10	G			1.0	29	NORTHERN ITALY. ML 2.5 (LDG), 2.3 (VIE).
	28	02 38 20.9*	33.355	S	70.055	W	100	G			1.4	11	CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).
	28	02 57 55.4	6.600	S	146.934	E	17		4.7		1.1	25	EASTERN NEW GUINEA REG., P.N.G. ML 5.1 (PMG).
	28	02 58 16.5&	35.026	N	116.977	W	4					12	CENTRAL CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 2.7 (GS)
	28	03 06 27.8	42.402	N	19.410	E	10	G			0.5	11	NORTHWESTERN BALKAN REGION. ML 1.8 (TTG).
	28	03 11 33.1*	37 438	S	177 038	E	164	*	3.6		1.0	25	OFF E. COAST OF N. ISLAND, N.Z.
	28	03 19 01 5	28.737	N	141 269	E	33	N	4.9	3.9	1.1	28	BONIN ISLANDS REGION
	28	03 20 05.2&	34.274	N	116.773	W	2					13	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 2.9 (GS).
	28	03 30 04.5*	38.695	S	175.170	E	265	?			0.2	18	NORTH ISLAND, NEW ZEALAND
	28	03 38 01 6*	29.655	N	67.343	E	33	N	4.5		1.3	16	PAKISTAN
	28	04 29 43.9%	40.801	N	27.496	E	10	G			0.3	5	TURKEY
	28	04 33 38.8?	41.93	N	74 39	E	33	N	4.5		0.2	6	KYRGYZSTAN
	28	04 41 24.4*	6.025	S	153 699	E	49	*	4.8	4.2	0.9	22	NEW BRITAIN REGION, P.N.G.
	28	04 47 49.0?	39.34	N	15.31	E	10	G			1.0	5	SOUTHERN ITALY
	28	04 49 44.2	6.922	S	126.906	E	395	D	4.8		1.0	56	BANDA SEA
	28	05 19 42.1&	34.622	N	116.672	W	10					10	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	28	05 20 16.8*	13.105	N	89.569	W	33	N	4.3		1.1	36	EL SALVADOR
	28	05 21 23.6%	39.441	N	15.270	E	10	G			0.6	9	SOUTHERN ITALY
	28	05 33 12.7	53.792	N	160.730	E	54	*	4.8		0.9	77	NEAR EAST COAST OF KAMCHATKA
	28	06 24 20.9&	34.604	N	116.635	W	4					11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 2.7 (GS).
	28	06 55 36.1?	39.07	N	23.91	E	10	G			0.4	7	AEGEAN SEA
	28	07 06 15.2?	46.84	N	1.12	W	10	G			0.9	4	FRANCE. ML 2.7 (LDG)
	28	07 42 02.2?	5.78	S	142.00	E	33	N	3.9		0.0	4	NEW GUINEA, PAPUA NEW GUINEA
	28	07 57 23 4%	44 465	N	6.933	E	10	G			0 8	8	FRANCE. ML 2 0 (GEN)
	28	08 19 41.7%	40.419	N	23.264	E	10	G			0.7	7	GREECE
	28	08 40 44.0	23.841	S	179.078	E	582	*	4.8		0.9	95	SOUTH OF FIJI ISLANDS
	28	08 50 40.3?	43.48	N	20.75	E	10	G			1.1	10	NORTHWESTERN BALKAN REGION ML 2.2 (TTG)
	28	09 01 50.0%	41.606	N	22.344	E	10	G			0 4	7	NORTHWESTERN BALKAN REGION

	28	09 35 10.4&	34 601	N	116.618	W	5					11	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS)
	28	09 51 29.3	13 008	N	89.730	W	24	D	5 1 4 1		1 0	101	EL SALVADOR
	28	10 04 32 1&	34 603	N	116.636	W	3					7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	28	10 28 11.0%	18 206	N	66.078	W	33	N			0.5	5	PUERTO RICO REGION
	28	10 31 54.3?	39 40	N	29.68	E	10	G			0.9	4	TURKEY
	28	11 11 58 0%	41.569	N	13.805	E	10	G			0.9	6	SOUTHERN ITALY
	28	11 25 13.3	8.458	S	127.593	E	33	N	5.0		0.9	24	TIMOR REGION, INDONESIA
	28	11 30 49 9?	39.41	N	15.46	E	10	G			0.7	5	SOUTHERN ITALY
	28	12 23 32 1	42.231	N	24.067	E	10	G			1.0	6	BULGARIA
	28	13 05 40.1	39.630	N	15.422	E	27		3.8		1.1	81	SOUTHERN ITALY. ML 3.8 (TTG), 3.7 (TIR), 3.6 (ROM).
	28	13 26 11 8&	34.429	N	116.522	W	4					10	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.8 (GS).
	28	13 27 09.2&	63.233	N	148.909	W	87					57	CENTRAL ALASKA. <AEIC>.
	28	13 34 51.1?	4.61	S	103.12	E	33	N	4.8		0.8	11	SOUTHERN SUMATERA, INDONESIA
	28	14 10 59.8&	66.191	N	148.643	W	10					59	NORTHERN ALASKA. <AEIC>. ML 3.5 (AEIC), 3.8 (PMR).
	28	14 24 26.0?	43.15	N	0.28	W	10	G			0.4	6	PYRENEES. ML 3.2 (LDG). Felt (III) in the Bearn area, France.
	28	14 48 41.5?	39.06	N	27.62	E	10	G			0.2	5	TURKEY
	28	15 26 16.2	44.583	N	113.323	W	5	G	3.4		0.8	39	EASTERN IDAHO. ML 3.9 (GS). Felt (III) at Leadore and Tendoy. Also felt at Arco. Felt (I) at Butte, Montana.
	28	15 32 22.7&	63.420	N	151.049	W	14					75	CENTRAL ALASKA. <AEIC>. ML 3.1 (AEIC), 3.1 (PMR).
	28	15 35 43.3	44.320	N	7.442	E	10	G			0.4	11	NORTHERN ITALY. ML 2.2 (LDG), 1.8 (GEN).
	28	16 42 11.8	43.413	N	5.430	E	10	G			0.7	14	NEAR SOUTH COAST OF FRANCE. ML 3.0 (STR).
	28	16 42 20.6&	35.022	N	116.966	W	0					11	CENTRAL CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
a	28	17 15 05.5	22.314	S	179.526	W	598	D	5.5		1.0	218	SOUTH OF FIJI ISLANDS
	28	17 36 42.7	39.865	N	22.426	E	10	G			0.7	12	GREECE
	28	17 49 50.1*	8.584	S	126.295	E	33	N	4 3		0.9	5	TIMOR REGION, INDONESIA
	28	17 52 14.1%	40.674	N	23.466	E	10	G			0.5	8	GREECE
	28	18 00 05.8?	13.70	N	144.72	E	140		4.3		0.6	9	MARIANA ISLANDS. Felt on Guam.
	28	18 13 52.6%	40.691	N	23.463	E	10	G			0.6	6	GREECE
	28	18 18 04.5?	31.09	S	67.68	W	33	N			1.6	5	SAN JUAN PROVINCE, ARGENTINA
	28	18 18 24.5?	31.66	S	68.98	W	250	G			0.4	10	SAN JUAN PROVINCE, ARGENTINA. MD 3.9 (SAN).
f	28	18 18 46.4	0.965	S	13.562	W	16	G	6.3 7.0		1.0	578	NORTH OF ASCENSION ISLAND. Ms 7.1 (BRK). Mo=5.0*10**19 Nm (PPT). Depth from broadband displacement seismograms.
	28	18 18 59.4%	40.835	N	23.607	E	10	G			0 4	5	GREECE
	28	18 37 50.7	59.799	N	6.672	E	10	G			0.7	8	SOUTHERN NORWAY. MD 2.7 (BER).
	28	18 49 41.3&	34.586	N	116.615	W	5					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	28	19 05 05.2&	34.628	N	116.554	W	4					11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
	28	19 39 00.4%	40.634	N	23.108	E	10	G			0.2	5	GREECE
	28	20 08 42.1?	38.15	N	22.12	E	33	N			0.8	4	GREECE. ML 2.9 (ATH).
	28	20 48 12.3	6.601	S	147.048	E	10		4.5		1.2	17	EASTERN NEW GUINEA REG., P.N.G. ML 4.9 (PMG).
	28	20 56 59.2%	40.493	N	23.417	E	10	G			0.7	8	GREECE
	28	21 03 49.4&	40.346	N	125.151	W	1					5	OFF COAST OF NORTHERN CALIFORNIA. <GM-P>. MD 3.0 (GM).
	28	21 25 23.6	38.696	S	175.752	E	174	*			0.4	24	NORTH ISLAND, NEW ZEALAND
	28	21 43 33.9&	56.508	N	152.802	W	10	G				16	KODIAK ISLAND REGION. <AEIC>. ML 3.1 (AEIC).
	28	22 17 48 4*	18.179	S	174.404	W	33	N	4.9		0.9	7	TONGA ISLANDS
	28	22 24 40.3?	6.55	S	147.03	E	10	G			0.9	4	EASTERN NEW GUINEA REG., P.N.G. ML 4.4 (PMG).
	28	22 55 58.4	29.349	N	69.450	E	33	N	4.4		1.2	25	PAKISTAN
	28	23 24 32 0%	39.843	N	23.912	E	10	G			0.4	9	AEGEAN SEA
	28	23 33 37 0%	39.451	N	15.537	E	10	G			0.5	5	SOUTHERN ITALY
	29	00 11 53 8*	23.421	S	66.735	W	233	*			1.3	9	JUJUY PROVINCE, ARGENTINA
	29	03 13 00.5?	43.47	N	8.04	E	10	G			0.1	8	CORSICA. ML 2.1 (LDG).
	29	03 25 19.3?	5.65	S	147.00	E	190	?	4.6		1.5	5	EASTERN NEW GUINEA REG., P.N.G.
	29	03 50 24.6%	39.277	N	29.186	E	10	G			0.7	8	TURKEY
	29	04 20 48.4	36.494	N	70.060	E	215	*	4.6		1.0	20	HINDU KUSH REGION, AFGHANISTAN
	29	04 26 42.2?	52.93	N	4.30	W	10	G			0.2	6	UNITED KINGDOM
	29	05 43 00.2	48.495	N	0.141	E	10	G			0.5	18	FRANCE. ML 3.2 (LDG).
	29	06 02 36.5?	13.11	N	60.52	W	33	N			0.3	8	WINDWARD ISLANDS. MD 2.7 (TRN).
	29	07 23 01.2	37.529	N	56.517	E	33	N	4.7		1.1	30	NORTHERN IRAN
	29	07 59 03.3?	27.03	N	140.16	E	513	?	4.1		0.5	11	BONIN ISLANDS REGION
	29	08 00 35.4&	60.048	N	152.902	W	99					63	SOUTHERN ALASKA. <AEIC>.
	29	08 05 09.3?	38.99	N	27.67	E	33	N			0.6	6	TURKEY
	29	08 53 12.3*	6.338	S	147.685	E	50	*	4 2		1.3	11	EASTERN NEW GUINEA REG., P.N.G.
	29	09 22 25.2	50.208	N	4.171	E	18				0.9	70	BELGIUM. ML 4.1 (GSH), 4.1 (LDG), 3.9 (BNS), 3.9 (STR), 3.8 (KOE).
	29	09 27 28.9	50.145	N	4.248	E	10	G			0.9	22	BELGIUM. ML 2.8 (GSH), 2.8 (LDG).
	29	10 36 03.9	38.820	N	142.802	E	10	G	4.3		0.9	14	NEAR EAST COAST OF HONSHU, JAPAN
	29	11 43 47.7&	34.112	N	116.919	W	6					11	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	29	12 30 11.8%	39.145	N	27 645	E	10	G			0.3	5	TURKEY
a	29	13 10 38.2	54.375	N	166.636	E	36	D	5 0 4.7		0.9	189	KOMANDORSKY ISLANDS REGION
	29	13 12 02.6%	11.568	N	61.294	W	10	G			0.6	9	WINDWARD ISLANDS. MD 3.2 (TRN).
	29	13 20 02.7	54.361	N	166.564	E	33	N	4.7		0.9	80	KOMANDORSKY ISLANDS REGION
	29	13 40 19.1&	34.111	N	116.993	W	4					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	29	13 44 46.5?	48.53	N	0.05	W	10	G			0.2	4	FRANCE. ML 2.0 (LDG).
	29	14 05 39.2%	31.146	S	68.265	W	100	G			0.4	6	SAN JUAN PROVINCE, ARGENTINA
	29	14 32 28.1&	34.379	N	116.472	W	2					8	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	29	14 40 11.4*	30.141	S	68.683	W	100	G			1.1	7	SAN JUAN PROVINCE, ARGENTINA
	29	14 40 20.3?	29.65	S	69.22	W	219	?			0.9	15	CHILE-ARGENTINA BORDER REGION. MD 4.3 (SAN).
	29	14 48 46.0	38.105	S	176.075	E	206	*			0.5	30	NORTH ISLAND, NEW ZEALAND
	29	15 09 05.8	54.431	N	166.636	E	31	D	4.8 4.1		1.0	85	KOMANDORSKY ISLANDS REGION
	29	15 18 56.3%	41.149	N	28.736	E	10	G			0.6	9	TURKEY
	29	16 17 04.4%	39.210	N	27.777	E	10	G			0.4	7	TURKEY
	29	16 39 27.2	46.555	N	15.375	E	10	G			0.2	6	NORTHWESTERN BALKAN REGION. ML 2.6 (VIE). MD 2.5 (TRI).
	29	18 29 24.4?	5.64	S	147.17	E	188	*	4.2		0.9	10	EASTERN NEW GUINEA REG., P.N.G.
f	29	19 19 05.5	33.190	N	137.975	E	289	G	6.0		0.8	597	NEAR S. COAST OF HONSHU, JAPAN. Mo=3.2*10**18 Nm (PPT). Depth from broadband displacement seismograms.
	29	19 43 48.4	42.182	N	20.551	E	10	G			1.1	14	NORTHWESTERN BALKAN REGION. ML 2.5 (TTG).
	29	20 26 22.1%	39.609	N	15.214	E	10	G			0 1	5	SOUTHERN ITALY
	29	20 46 02.6&	60.847	N	151.039	W	55					79	KENAI PENINSULA, ALASKA <AEIC> ML 3.2 (AEIC), 3.3 (PMR).
	29	20 57 09.9*	37.233	S	177.181	E	190	*			1.0	11	OFF E COAST OF N. ISLAND, N.Z.
	29	21 00 01.1%	39.625	N	15.239	E	10	G			0 5	6	SOUTHERN ITALY
	29	21 30 30.4&	32.243	N	115.253	W	6	G				8	CALIF -BAJA CALIF BORDER REGION. <PAS-P>. ML 2.9

																(PAS).
	29	21	33	10	4?	42	76	N	13	10	E	10	G		0.5	4	CENTRAL ITALY
	29	21	35	03	1%	36	778	N	4	374	W	10	G		1.5	5	STRAIT OF GIBRALTAR. mbLg 3.0 (MDD).
	29	22	18	48	2	44	028	N	11	811	E	29			0.8	47	NORTHERN ITALY. MD 3.6 (FIR). ML 3.5 (LDG), 3.5 (VIE).
	29	22	39	59.7?	67	76		N	20	32	E	10	G		0.7	4	SWEDEN
	29	23	17	19.6?	37	04		N	5	35	W	5	G		1.2	4	SPAIN. mbLg 2.5 (MDD).
	29	23	26	55.9%	36	948		N	5	352	W	5	G		0.2	6	STRAIT OF GIBRALTAR. mbLg 2.7 (MDD).
	29	23	28	18.1%	37	003		N	5	310	W	10	G		1.3	5	SPAIN. mbLg 2.2 (MDD).
	29	23	28	55.7%	36	966		N	5	321	W	10	G		0.8	5	STRAIT OF GIBRALTAR. mbLg 2.5 (MDD).
	29	23	30	57.0%	36	948		N	5	355	W	10	G		0.9	5	STRAIT OF GIBRALTAR. mbLg 2.3 (MDD).
	29	23	47	34	0&	34	596	N	116	614	W	5				11	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	29	23	50	42	3%	37	081	N	3	943	W	10	G		1.2	7	SPAIN. mbLg 2.6 (MDD).
	30	00	41	23.9?	30	98		S	68	60	W	128	?		1.4	14	SAN JUAN PROVINCE, ARGENTINA. MD 3.8 (SAN).
	30	01	17	45.0?	30	14		N	114	19	W	10	G		1.6	6	GULF OF CALIFORNIA. ML 4.2 (GS).
	30	02	26	40.4	32	586		S	68	804	W	10			0.9	19	MENDOZA PROVINCE, ARGENTINA. MD 4.1 (SAN).
	30	02	46	54.0%	16	046		N	60	545	W	23	*		0.4	8	LEEWARD ISLANDS. ML 3.1 (FDF).
	30	02	58	42.1?	37	91		N	21	56	E	10	G		0.6	4	SOUTHERN GREECE. ML 3.2 (ATH).
	30	03	08	15.4&	58	308		N	151	375	W	12		3.7		98	KODIAK ISLAND REGION. <AEIC>. ML 4.2 (AEIC), 4.3 (PMR).
	30	03	16	54.9*	50	382		N	18	883	E	10	G		0.8	5	POLAND. ML 3.2 (WAR).
	30	03	27	01.7*	24	601		N	122	281	E	10	G	4.3	0.2	5	TAIWAN REGION
	30	03	29	41.2&	58	293		N	151	303	W	0				44	KODIAK ISLAND REGION. <AEIC>. ML 2.8 (AEIC).
	30	05	05	00.8?	3	65		S	139	93	E	33	N	4.3	1.3	6	IRIAN JAYA, INDONESIA
	30	05	25	13.9	41	767		S	172	939	E	113	*		0.5	22	SOUTH ISLAND, NEW ZEALAND
	30	07	32	29.1*	54	553		N	166	548	E	33	N	4.4	1.0	24	KOMANDORSKY ISLANDS REGION
	30	07	42	50.7	15	635		N	61	456	W	139			0.5	27	LEEWARD ISLANDS. MD 4.0 (TRN).
	30	07	47	09.2?	40	76		N	29	14	E	10	G		0.2	4	TURKEY
	30	08	12	20.9%	61	067		N	4	287	E	10	G		1.0	10	SOUTHERN NORWAY. MD 2.0 (BER).
	30	08	12	56.7	42	364		N	16	213	E	10	G		1.0	17	ADRIATIC SEA
	30	08	15	12.4&	34	006		N	118	368	W	14				35	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.6 (PAS), 3.3 (GS). Felt (IV) at Redondo Beach; (III) at Carson and Torrance; (II) at Paramount and Seal Beach.
	30	09	07	45.3?	14	78		N	60	79	W	33	N		0.1	4	WINDWARD ISLANDS. ML 1.8 (FDF).
	30	09	10	08.9%	32	278		S	71	171	W	80	G		0.2	12	NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	30	09	34	32.6*	39	522		N	21	604	E	10	G		1.0	8	GREECE
	30	10	04	03.1*	37	936		S	177	251	E	122	?	3.0	0.8	14	OFF E. COAST OF N. ISLAND, N.Z.
	30	11	06	35.7&	34	326		N	116	682	W	0				12	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
a	30	11	25	21.7	15	233		S	173	610	W	48	D	5.1 5.0	1.0	81	TONGA ISLANDS
	30	11	59	25.4?	54	44		N	161	37	W	56	?	4.0	0.9	42	ALASKA PENINSULA
	30	13	51	13.2	64	822		N	165	665	W	18	D	4.7 4.6	0.9	103	NORTHERN ALASKA. ML 4.8 (AEIC). Felt (IV) at Name and White Mountain. Felt (III) at Elim.
	30	14	36	25.7%	38	551		N	15	645	E	10	G		1.1	6	SICILY
	30	14	42	35.0	6	130		S	129	850	E	140	*	5.2	1.0	35	BANDA SEA
	30	14	54	49.5&	57	057		N	154	878	W	47				53	KODIAK ISLAND REGION. <AEIC>. ML 2.9 (AEIC).
	30	15	47	13.6	42	438		N	19	370	E	10	G		0.8	9	NORTHWESTERN BALKAN REGION. ML 2.3 (TTG).
	30	16	17	59.2&	59	729		N	152	576	W	88				88	SOUTHERN ALASKA. <AEIC>.
	30	17	15	24.1&	34	623		N	116	534	W	10				8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	30	17	20	43.3&	34	477		N	116	510	W	5				7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	30	17	31	45.1	43	920		N	18	535	E	10	G		0.5	11	NORTHWESTERN BALKAN REGION. ML 2.6 (TTG).
	30	17	32	10.0*	29	518		S	178	821	W	157	*	4.3	1.4	10	KERMADEC ISLANDS, NEW ZEALAND
	30	17	45	06.3&	40	245		N	124	510	W	4				7	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.1 (BRK).
	30	19	37	20.4%	39	685		N	15	349	E	10	G		0.2	6	SOUTHERN ITALY
f	30	20	09	05.7	17	918		S	178	710	W	565	G	5.8	0.9	551	FIJI ISLANDS REGION. Mo=5.0*10**18 Nm (PPT). Depth from broadband displacement seismograms.
	30	20	31	04.9&	34	281		N	116	451	W	5				7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	30	20	37	42.0%	40	600		N	23	120	E	10	G		1.1	5	GREECE
	30	21	17	58.0&	34	559		N	116	540	W	5				7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	30	21	24	39.5*	26	387		S	27	511	E	5	G		1.3	7	REPUBLIC OF SOUTH AFRICA
	30	21	24	53.0*	38	627		N	25	209	E	10	G		1.5	11	AEGEAN SEA
	30	21	40	27.7&	34	557		N	116	534	W	5				10	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.8 (GS).
	30	21	41	46.0*	27	426		N	142	609	E	33	N	4.5	1.0	20	BONIN ISLANDS REGION
	30	22	40	59.2%	40	641		N	22	950	E	10	G		0.6	8	GREECE
	30	22	50	53.6*	5	863		S	152	173	E	10	G	4.6	0.6	5	NEW BRITAIN REGION, P.N.G.
	30	22	55	21.8	46	179		N	7	618	E	8			0.6	26	SWITZERLAND. ML 2.9 (LDG).
	30	23	00	38.5%	45	586		N	3	611	E	10	G		1.2	14	FRANCE. ML 2.5 (LDG).
	30	23	22	39.5*	33	146		S	70	346	W	111	?		0.8	16	CHILE-ARGENTINA BORDER REGION. MD 3.8 (SAN).
	30	23	28	39.2*	10	613		N	63	641	W	33	N		0.9	10	NEAR COAST OF VENEZUELA. MD 3.6 (TRN).
	30	23	42	09.0&	39	397		N	120	247	W	19				19	NORTHERN CALIFORNIA. <BRK>. ML 3.2 (BRK). Felt at Truckee.
	31	00	29	32.4?	38	31		N	15	80	E	10	G		0.2	4	SICILY
	31	01	40	14.2	43	825		N	107	041	W	5	G		0.6	16	WYOMING. ML 3.6 (GS). Felt (IV) at Barnum and Kaycee.
	31	02	55	18.0	16	757		N	61	104	W	33	N		0.4	11	LEEWARD ISLANDS. ML 3.4 (FDF). MD 3.2 (TRN).
a	31	04	39	55.4	11	422		S	118	219	E	28	D	5.6 4.8	1.2	137	SOUTH OF SUMBAWA, INDONESIA
	31	05	44	42.3*	55	214		N	167	441	E	32	D	4.6	1.5	43	KOMANDORSKY ISLANDS REGION
	31	07	21	05.9*	43	520		N	11	222	E	10	G		0.7	6	CENTRAL ITALY. MD 2.7 (FIR).
a	31	07	25	54.5	43	933		N	106	949	E	36	D	5.2 4.9	1.0	197	MONGOLIA
	31	07	45	25.0%	40	677		N	23	452	E	10	G		0.3	8	GREECE
	31	07	54	22.9?	38	23		N	15	12	E	120	G		0.6	4	SICILY
	31	08	28	12.8?	16	59		N	60	69	W	33	N		0.3	5	LEEWARD ISLANDS. ML 3.3 (FDF).
	31	08	32	31.7	7	840		S	147	059	E	43		4.8	1.0	26	EASTERN NEW GUINEA REG., P.N.G.
	31	08	40	17.1	39	893		N	23	760	E	10	G		1.5	17	AEGEAN SEA
	31	08	42	18.5%	39	793		N	23	846	E	10	G		0.5	10	AEGEAN SEA
	31	09	25	40.6&	34	456		N	116	469	W	11				36	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.3 (PAS), 4.2 (GS). Felt (IV) at Angelus Oaks, Pioneertown and Victorville; (III) at Twentynine Palms and Yucaipa; (II) at Morongo Valley.
	31	09	43	31.1	39	813		N	23	740	E	10	G		0.9	12	AEGEAN SEA
	31	10	06	55.4*	14	176		N	145	156	E	33	N	4.8	0.9	17	MARIANA ISLANDS
	31	11	12	59.5?	39	77		N	29	43	E	10	G		0.6	5	TURKEY
a	31	11	14	23.8	1	355		N	128	621	E	76	*	5.1	1.0	65	HALMAHERA, INDONESIA
	31	11	21	45.1	6	633		S	147	006	E	10	G	4.5	1.0	9	EASTERN NEW GUINEA REG., P.N.G. ML 4.6 (PMG).
	31	11	36	06.3?	39	28		N	27	56	E	10	G		0.2	4	TURKEY
	31	11	54	46.2?	33	27		S	72	00	W	33	N		0.7	10	OFF COAST OF CENTRAL CHILE. MD 3.5 (SAN).
	31	12	37	32.6?	55	75		N	152	74	W	33	N	4.2	1.2	7	SOUTH OF ALASKA

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3      3 06 30 5* 17.587 S  167 730 E   10 G  4 0        0 4    7  VANUATU ISLANDS
31     3 25 01 3? 31.74  S   71.50  W   33 N             0 7   10  NEAR COAST OF CENTRAL CHILE  MD 3.7 (SAN)
31    13 48 18 0& 34.148 N  116.417 W    3                       9  SOUTHERN CALIFORNIA. <PAS-P>. ML 2 8 (PAS)
31    15 36 53 2% 39 852 N   29.282 E   10 G             0 9    5  TURKEY
31    15 37 39.4? 38.34  N  133.56  E  489 ?  4.1        0.8    8  SEA OF JAPAN
31    16 19 08 7  27.169 N  142.590 E   24 D  4.9 4.5    0.9   83  BONIN ISLANDS REGION
31    17 15 52.7? 40.52  N   27.56  E   10 G             0.4    4  TURKEY
31    18 25 48.9  55.101 N    3.955 E   10 G             0.9   42  NORTH SEA. MD 3.3 (BER)  ML 3 1 (BNS)
31    19 42 16.2  20.115 N   94.387 W   10 G  4.2        1 1   29  BAY OF CAMPECHE
31    19 59 10.8  38.315 N   22.712 E   10 G             1.4    8  GREECE  ML 2.9 (ATH).
o 31  20 27 27 1  51.681 N  176.050 W   63 *  4.7        1.0   58  ANDREANOF ISLANDS, ALEUTIAN IS. Felt (II) on Adak.
31    21 00 27.8& 34.255 N  116.433 W    3                       7  SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
31    21 20 03.0& 60.390 N  147.802 W   16                      47  SOUTHERN ALASKA. <AEIC>. ML 2.8 (AEIC).
31    21 25 15.8& 33.312 N  118.511 W    6 G                   27  SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 2.8 (GS).
31    22 54 24.5& 34.988 N  116.947 W    6 G                   13  SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.0 (GS).
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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

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01 06 06 45.38  18.280S 178.281W 632km
   5.1mb ( 57 abs.)
   FIJI ISLANDS REGION
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 18S, 24C
   Centraid Location:
   Origin Time        06:06:52.0 0.8
   Lat 17.95S 0.07 Lan 178.06W 0.05
   Dep 652.2 3.6 Half-duration  1.3
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  1.86  Plg= 5  Azm=346
     N       -0.23       26       79
     P       -1.63       63      246
   Best Double Cauple:Ma=1.7*10**17
    NP1:Strike= 51 Dip=46 Slip=-128
    NP2:        279     55      -58

01 13 03 34.18  28.564N 139.358E 428km
   4.7mb ( 41 abs.)
   BONIN ISLANDS REGION
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.:  8S,  8C
   Centraid Lacatian:
   Origin Time        13:03:38.3 2.3
   Lat 28.83N 0.23 Lan 139.63E 0.12
   Dep 432.110.0 Half-duratian  0.8
   Principal Axes:
     Scale 10**16 Nm
     T  Val=  2.35  Plg= 6  Azm=253
     N       -0.01       18      161
     P       -2 34       71        0
   Best Double Cauple:Ma=2.3*10**16
    NP1.Strike=  1 Dip=42 Slip= -63
    NP2:        147     53     -112

01 13 45 24.94  57.084N 155.298W  56km
   5.1mb ( 78 abs.)
   ALASKA PENINSULA
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used· GDSN
   L.P.B.: 16S, 22C
   Centraid Lacatian:
   Origin Time        13:45:27.7 0.6
   Lat 56.34N 0.17 Lan 155.48W 0.16
   Dep  64 6 6.7 Half-duration  0.8
   Principal Axes
     Scale 10**16 Nm
     T  Val=  4.84  Plg=19  Azm=318
     N       -0.68       69      110
     P       -4 15        9      225
   Best Double Cauple:Ma=4.5*10**16
    NP1.Strike=  0 Dip=70 Slip= 173
    NP2          93     84       20

01 18 19 03.08  21.344S 179.189W 634km
   5 3mb ( 55 abs )
   FIJI ISLANDS REGION
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used. GDSN
   L.P.B : 27S, 47C
   Centroid Lacatian:
   Origin Time        18:19: 9.1 0.5
   Lat 21.14S 0.06 Lan 179.06W 0.03
   Dep 642.5 2.3 Half-duratian  1.8
   Principal Axes·
     Scale 10**17 Nm
     T  Val=  5.02  Plg=39  Azm=101
     N        0.04       19      207
     P       -5.06       44      317
   Best Double Cauple:Ma=5.0*10**17
    NP1.Strike=126 Dip=19 Slip=-172
    NP2:        28     87      -71

02 05 50 11.69   0.883S 127.582E  19km
   5.8mb ( 88 abs.)  6.1Msz ( 56 abs )
   HALMAHERA, INDONESIA
   FAULT PLANE SOLUTION: P-Waves
    NP1:Strike=328 Dip=83 Slip= 175
    NP2:         59     85        7
   Principal Axes:
     T                Plg= 8  Azm=283
     P                    1      193
   Comment: The facal mechanism is
     moderately well contralled and
     corresponds to strike-slip
     faulting with a maderate
     reverse campanent. The
     preferred fault plane is nat
     determined.
   RADIATED ENERGY
    Na. of sta:  17  Facal mech.  F
    Energy        3.5±0.8*10**14 Nm
   MOMENT TENSOR SOLUTION
   Dep  12            No. of sta: 16
   Principal Axes:
     Scale 10**18 Nm
     T  Val=  3.20  Plg=23  Azm=294
     N       -0.24       56      166
     P       -2.96       24       35
   Best Double Cauple:Ma=3.1*10**18
    NP1:Strike= 74 Dip=56 Slip=  -1
    NP2:        165     89     -146
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 34S, 77C  M.W.: 20S, 37C
   Centraid Location:
   Origin Time        05:50:17.6 0.2
   Lat  0.83S 0.01 Lon 127.58E 0.01
   Dep  15.0 BDY Half-duratian  3.6
   Principal Axes:
     Scale 10**18 Nm
     T  Val=  3.42  Plg= 8  Azm=275
     N       -1.64       75      156
     P       -1.79       13        7
   Best Double Cauple:Ma=2.6*10**18
    NP1:Strike= 51 Dip=75 Slip=  -4
    NP2:        142     86     -165

02 12 03 20.35   7.126S 121.748E 486km
   6.2mb (103 abs.)
   FLORES SEA
   FAULT PLANE SOLUTION: P-Waves
    NP1:Strike=315 Dip=90 Slip= 159
    NP2:         45     69      360
   Principal Axes:
     T                Plg=15  Azm=268
     P                    15        2
   Comment: The facal mechanism is
     well contralled and
     corresponds ta strike-slip
     faulting with a maderate
     narmal component. The
     preferred fault plane is nat
     determined.
   RADIATED ENERGY
    Na. of sta:  12  Facal mech.  F
    Energy        2.0±0.4*10**14 Nm
   MOMENT TENSOR SOLUTION
   Dep 501            No. af sta  16
   Principal Axes
     Scale 10**18 Nm
     T  Val=  8.64  Plg=22  Azm=264
     N       -0.04       62      125
     P       -8 60       16        1
   Best Double Cauple:Ma=8 6*10**18
    NP1:Strike= 44 Dip=63 Slip=   4
    NP2:        312     86      153
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 35S, 87C  M.W.: 19S, 34C
   Centraid Lacatian:
   Origin Time        12:03:24.9 0.1
   Lat  7.27S 0.01 Lan 121.83E 0.01
   Dep 498.3 0.8 Half-duratian  4.8
   Principal Axes:
     Scale 10**18 Nm
     T  Val= 10.28  Plg=23  Azm=265
     N       -0.56       59      128
     P       -9.72       19        3
   Best Double Cauple.Ma=1.0*10**19
    NP1:Strike= 45 Dip=60 Slip=   3
    NP2         313     87      150

03 02 53 51.79  15.907N  60.875W  43km
   5.6mb ( 93 obs.)  4.8Msz ( 30 abs.)
   LEEWARD ISLANDS
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 18S, 30C
   Centraid Lacatian:
   Origin Time        02:53:55.1 1.6
   Lat 16.08N 0.13 Lan  60.95W 0.07
   Dep  26.9 4.1 Half-duration  1.1
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  1.14  Plg=12  Azm=323
     N        0.49       36      224
     P       -1.62       51       68
   Best Double Couple:Ma=1.4*10**17
    NP1:Strike= 89 Dip=46 Slip= -34
    NP2:        205     66     -131

03 11 19 38.22  10.403S 164.269E  23km
   5.3mb ( 53 abs.)  5.1Msz ( 20 abs.)
   SANTA CRUZ ISLANDS REGION
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 33S, 56C
   Centraid Lacatian:
   Origin Time        11:19:44.6 0.3
   Lat 10.06S 0.03 Lan 164.27E 0.03
   Dep  15.0 FIX Half-duratian  1.6
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  3.16  Plg=12  Azm=141
     N       -0.01        6       50
     P       -3.15       77      292
   Best Double Couple:Ma=3.2*10**17
    NP1:Strike=239 Dip=34 Slip= -79
    NP2:         46     57      -97

04 02 36 30.51  20.644S  70.967W  22km
   4.8mb ( 10 abs.)
   NEAR COAST OF NORTHERN CHILE
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 12S, 17C
   Centraid Lacatian:
   Origin Time        02:36 34.3 0.7
   Lat 20.54S  FIX;Lon  71.00W  FIX
   Dep  15.0 FIX Half-duratian  0.9
   Principal Axes:
     Scale 10**16 Nm
     T  Val=  6 19  Plg=57  Azm= 45
     N       -0 53       26      184
     P       -5.67       19      283
   Best Double Cauple:Ma=5.9*10**16
    NP1·Strike= 48 Dip=35 Slip= 140
    NP2         173     68       62
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04 06 58 32 54  21 738S 177 214W 253km
   5.7mb ( 84 obs.)
   FIJI ISLANDS REGION
   FAULT PLANE SOLUTION  P-Waves
    NP1 Strike= 14 Dip=65 Slip=-110
    NP2        235     32       -54
   Principal Axes.
     T                Plg=18  Azm=119
     P                 64      250
   Comment: The focal mechanism is
     poorly controlled and
     corresponds to normal faulting
     with a moderate left-lateral
     strike-slip component. The
     preferred fault plane is NP1.
   RADIATED ENERGY
    No. of sta:   6  Focal mech.  M
    Energy        5.3±1.9*10**12 Nm
   MOMENT TENSOR SOLUTION
   Dep 251            No. of sta: 17
   Principal Axes:
     Scale 10**18 Nm
     T  Val=  1.39  Plg=16  Azm= 73
     N       -0.01     45      180
     P       -1.37     41      328
   Best Double Couple.Mo=1.4*10**18
    NP1:Strike=119 Dip=49 Slip=-160
    NP2:        16     75       -43
   CENTROID, MOMENT TENSOR    (HRV)
   Data Used: GDSN
   L.P.B.: 32S, 72C
   Centroid Location:
   Origin Time        06:58:41.7 0.3
   Lat 21.22S 0.03 Lon 176.82W 0.02
   Dep 262.0 1.1 Half-duration  2.4
   Principal Axes:
     Scale 10**17 Nm
     T  Val= 11.49  Plg=13  Azm= 62
     N        0.98     52      168
     P      -12.47     35      322
   Best Double Couple.Mo=1.2*10**18
    NP1:Strike=108 Dip=56 Slip=-163
    NP2:         8     76       -35

04 14 27 41.18  43.468N 127.014W  10km
   4.9mb ( 21 obs.)  5.1Msz ( 18 obs.)
   OFF COAST OF OREGON
   CENTROID, MOMENT TENSOR    (HRV)
   Data Used: GDSN
   L.P.B.: 22S, 39C
   Centroid Location:
   Origin Time        14:27:45.9 0.5
   Lat 43.23N 0.05 Lon 127.34W 0.04
   Dep  15.0 FIX Half-duration  1.8
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  3.63  Plg= 6  Azm= 71
     N       -0.32     80      194
     P       -3.31      9      340
   Best Double Couple.Mo=3.5*10**17
    NP1:Strike=116 Dip=80 Slip=-178
    NP2:        25     88       -10

04 21 08 41.78  12.127S 166.589E  91km
   6.1mb ( 97 obs.)
   SANTA CRUZ ISLANDS
   FAULT PLANE SOLUTION: P-Waves
    NP1:Strike=177 Dip=62 Slip=  90
    NP2:       357     28       90
   Principal Axes:
     T                Plg=73  Azm= 87
     P                 17      267
   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        1.5±0.4*10**14 Nm
   MOMENT TENSOR SOLUTION
   Dep  74            No. of sta: 25
   Principal Axes:
     Scale 10**18 Nm
     T  Val=  4.44  Plg=80  Azm= 58
     N       -0.17      4      168
     P       -4.28     10      259
   Best Double Couple:Mo=4.4*10**18
    NP1:Strike=353 Dip=35 Slip=  96
    NP2:       166     55       86
   CENTROID, MOMENT TENSOR    (HRV)
   Data Used: GDSN
   L.P.B.: 38S, **C
   Centroid Location
   Origin Time        21 08 50 6 0 2
   Lat 11 73S 0 02 Lon 166.35E 0 01
   Dep  97 3 0.9 Half-duration  3 9
   Principal Axes
     Scale 10**18 Nm
     T  Val=  4.44  Plg=68  Azm= 78
     N       -0.28      3      175
     P       -4.16     22      266
   Best Double Couple.Mo=4.3*10**18
    NP1:Strike=  2 Dip=23 Slip=  97
    NP2:       174     67       87

04 23 45 31.82  26.696S 106.363W  10km
   5.3mb (  8 obs.)  5.0Msz (  2 obs.)
   EASTER ISLAND REGION
   CENTROID, MOMENT TENSOR    (HRV)
   Data Used: GDSN
   L.P.B.: 25S, 41C
   Centroid Location:
   Origin Time        23:45:33.5 0.7
   Lat 27.03S 0.07 Lon 106.30W 0.06
   Dep  15.0 FIX Half-duration  1.7
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  3.68  Plg= 1  Azm=143
     N       -0.48     68      236
     P       -3.21     22       53
   Best Double Couple:Mo=3.4*10**17
    NP1:Strike=190 Dip=74 Slip=-165
    NP2:        96     76       -17

05 02 09 41.37   5.586S 102.810E  37km
   5.6mb ( 60 obs.)  5.3Msz ( 38 obs.)
   SOUTHERN SUMATERA, INDONESIA
   CENTROID, MOMENT TENSOR    (HRV)
   Data Used: GDSN
   L.P.B.: 27S, 40C
   Centroid Location:
   Origin Time        02:09:47.6 0.4
   Lat  5.57S  FIX;Lon 102.86E  FIX
   Dep  15.0 FIX Half-duration  1.9
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  4.11  Plg=50  Azm= 28
     N       -0.08      3      122
     P       -4.03     40      214
   Best Double Couple:Mo=4.1*10**17
    NP1:Strike=333 Dip= 6 Slip= 121
    NP2:       122     85       87

05 09 42 53.56  10.541S 164.201E  25km
   5.2mb ( 36 obs.)  4.5Msz ( 15 obs.)
   SANTA CRUZ ISLANDS REGION
   CENTROID, MOMENT TENSOR    (HRV)
   Data Used: GDSN
   L.P.B.: 14S, 20C
   Centroid Location:
   Origin Time        09:42:58.4 1.1
   Lat 10.04S 0.12 Lon 164.33E 0.10
   Dep  17.7 4.6 Half-duration  1.0
   Principal Axes:
     Scale 10**16 Nm
     T  Val=  9.93  Plg= 2  Azm=128
     N       -4.28     52       35
     P       -5.65     37      220
   Best Double Couple:Mo=7.8*10**16
    NP1:Strike=257 Dip=63 Slip= -27
    NP2:         0     66      -150

05 19 33 00.79   3.086S 101.795E  76km
   5.4mb ( 73 obs.)
   SOUTHERN SUMATERA, INDONESIA
   CENTROID, MOMENT TENSOR    (HRV)
   Data Used: GDSN
   L.P.B.: 21S, 33C
   Centroid Location:
   Origin Time        19:33: 4.0 0.8
   Lat  3.29S 0.06 Lon 102.09E 0.08
   Dep  68.7 5.4 Half-duration  0.9
   Principal Axes:
     Scale 10**16 Nm
     T  Val=  4.75  Plg=54  Azm=226
     N        1.88     29       87
     P       -6.63     20      345
   Best Double Couple:Mo=5.7*10**16
    NP1:Strike= 37 Dip=36 Slip=  35
    NP2:       278     71      121

06 15 45 24.23  26.631S 106.605W  10km
   5.0mb (  8 obs.)  4.2Msz (  7 abs.)
   EASTER ISLAND REGION
   CENTROID, MOMENT TENSOR    (HRV)
   Data Used: GDSN
   L.P.B.: 20S, 35C
   Centroid Location:
   Origin Time        15:45:24.2 0.5
   Lat 27.27S 0.05 Lon 106.36W 0.07
   Dep  15.0 FIX Half-duration  1.0
   Principal Axes.
     Scale 10**16 Nm
     T  Val=  7.65  Plg= 0  Azm=144
     N       -1.32     90      180
     P       -6.33      0       54
   Best Double Couple:Mo=7.0*10**16
    NP1:Strike=189 Dip=90 Slip=-180
    NP2:       279     90        0

06 21 29 18.06  24.667N 122.282E  19km
   5.2mb ( 72 abs.)  5.6Msz ( 10 obs.)
   TAIWAN REGION
   CENTROID, MOMENT TENSOR    (HRV)
   Data Used: GDSN
   L.P.B.: 15S, 23C
   Centraid Location:
   Origin Time        21:29:18.6 0.7
   Lat 24.48N  FIX;Lon 122.33E  FIX
   Dep  15.0 FIX Half-duration  1.6
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  3.04  Plg=35  Azm= 19
     N       -1.09     49      162
     P       -1.95     19      275
   Best Double Cauple:Mo=2.5*10**17
    NP1:Strike= 52 Dip=50 Slip= 167
    NP2:       151     80       40

07 11 11 41.69  35.728N 135.152E 358km
   5.6mb (174 obs.)
   WESTERN HONSHU, JAPAN
   CENTROID, MOMENT TENSOR    (HRV)
   Data Used: GDSN
   L.P.B.: 22S, 45C
   Centraid Lacotion:
   Origin Time        11:11:44.1 0.3
   Lat 35.69N 0.03 Lon 135.46E 0.02
   Dep 370.9 1.3 Half-duratian  1.8
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  4.70  Plg= 8  Azm=348
     N        0.28     44       85
     P       -4.98     45      250
   Best Double Couple:Mo=4.8*10**17
    NP1:Strike= 39 Dip=54 Slip=-150
    NP2:       291     66      -40

07 18 19 20.44  57.589N 142.846W  14km
   6.3mb (164 abs.)  6.6Msz ( 46 abs.)
   GULF OF ALASKA
   FAULT PLANE SOLUTION: P-Waves
    NP1:Strike=340 Dip=86 Slip=-180
    NP2:        70     90      -356
   Principal Axes:
     T                Plg= 3  Azm=295
     P                  3      205
   Comment: The focal mechanism is
     moderately well cantrolled and
     correspands ta strike-slip
     foulting with a small reverse
     component. The preferred fault
     plane is not determined.
   RADIATED ENERGY
    No. of sta:  17  Focal mech.  F
    Energy        1.9±0.4*10**15 Nm
   MOMENT TENSOR SOLUTION
   Dep   7            No. of sta: 30
   Principal Axes:
     Scale 10**19 Nm
     T  Val=  1.98  Plg=12  Azm=291
     N        0.49     75      153
     P       -2.48     10       23
   Best Double Couple:Mo=2.2*10**19
    NP1:Strike= 67 Dip=75 Slip=   1
    NP2:       337     89      165
   CENTROID, MOMENT TENSOR    (HRV)
   Data Used: GDSN
   L.P.B.: 33S, 89C  M.W.: 24S, 53C
   Centroid Lacotion:
   Origin Time        18:19:25.9 0.1
   Lat 57.59N 0.01 Lon 142.92W 0.02
   Dep  15.0 FIX Half-duration  5.9
   Principal Axes:
     Scale 10**19 Nm
     T  Val=  1.86  Plg=18  Azm=127
     N       -0.20     68      342
     P       -1.66     12      221
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   Best Double Couple Mo=1.8*10**19
    NP1:Strike=265 Dip=68 Slip=   5
    NP2          173      86       158

08 01 08 05 79  31 566S 179.997W 392km
   5.5mt ( 58 obs.)
   KERMADEC ISLANDS REGION
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used  GDSN
   L.P.B   31S, 74C
   Centroid Location:
   Origin Time        01:08:12.5 0.2
   Lat 30 98S 0.03 Lon 179.80W 0.02
   Dep 397.6 0.9 Half-duration  3.0
   Principal Axes:
     Scale 10**18 Nm
     T  Val=  1.96  Plg=16  Azm=103
     N        0 06      37      205
     P       -2 03      48      354
   Best Double Couple:Mo=2.0*10**18
    NP1:Strike=153 Dip=44 Slip=-151
    NP2:         41      70      -50

08 20 38 37.54   5.774S 146.895E 126km
   5 4mb (  8 obs.)
   EASTERN NEW GUINEA REG., P.N.G.
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B :  6S,  8C
   Centroid Location:
   Origin Time        20:38:38.8 1.5
   Lat  5.77S  FIX;Lon 146.92E  FIX
   Dep 127.1 7.6 Half-duration  1.0
   Principal Axes:
     Scale 10**16 Nm
     T  Val=  5.50  Plg=46  Azm=  4
     N        0.04      44      190
     P       -5.54       3       97
   Best Double Couple:Mo=5.5*10**16
    NP1:Strike=151 Dip=57 Slip=  35
    NP2:         41      62      142

09 16 28 03.20  21.828S 170.108E  19km
   5.2mb ( 30 obs.)  4.9Msz (  3 obs.)
   LOYALTY ISLANDS REGION
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 18S, 36C
   Centroid Location:
   Origin Time        16:28:11.5 2.1
   Lat 21.59S 0.12 Lon 170.02E 0.09
   Dep  15.0 FIX Half-duration  1.0
   Principal Axes:
     Scale 10**16 Nm
     T  Val=  7.30  Plg= 1  Azm=326
     N       -0.10      12       56
     P       -7.20      78      232
   Best Double Couple:Mo=7.2*10**16
    NP1:Strike= 44 Dip=46 Slip=-107
    NP2:        248      47      -73

09 19 49 44.13   4.005N 126.360E  73km
   6.1mb (124 obs.)
   TALAUD ISLANDS, INDONESIA
   FAULT PLANE SOLUTION: P-Waves
    NP1:Strike= 47 Dip=58 Slip=-139
    NP2:        292      56      -40
   Principal Axes:
     T                Plg= 1  Azm=169
     P                   50      261
   Comment: The focal mechanism is
     moderately well controlled and
     corresponds to strike-slip
     faulting with a large normal
     component. The preferred fault
     plane is not determined.
   RADIATED ENERGY
    No. of sta:  12  Focal mech.  F
    Energy        5.0±1.2*10**13 Nm
   MOMENT TENSOR SOLUTION
   Dep  61            No. of sta: 18
   Principal Axes:
     Scale 10**18 Nm
     T  Val=  1.54  Plg=16  Azm= 17
     N        0.01      44      123
     P       -1 54      42      272
   Best Double Couple:Mo=1.5*10**18
    NP1:Strike= 64 Dip=48 Slip=-158
    NP2         319      74      -44
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B : 26S, 59C  M.W.:  5S,  9C
   Centroid Location:
   Origin Time        19 49 48 4 0 2
   Lat  4.21N 0.02 Lon 126 68E 0.02
   Dep  55 5 1.0 Half-duration  3.1
   Principal Axes:
     Scale 10**18 Nm
     T  Val=  1.90  Plg= 6  Azm=178
     N       -0.36      29       85
     P       -1.55      60      278
   Best Double Couple:Mo=1.7*10**18
    NP1:Strike=296 Dip=47 Slip= -48
    NP2:         64      57     -125

10 02 52 48.51  21.707S 169.874E  30km
   5.2mb ( 19 obs.)  5.1Msz (  4 obs.)
   LOYALTY ISLANDS REGION
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 10S, 14C
   Centroid Location:
   Origin Time        02:52:50.4 1.0
   Lat 21.84S  FIX;Lon 169.84E  FIX
   Dep  39.7 9.7 Half-duration  1.2
   Principal Axes.
     Scale 10**16 Nm
     T  Val=  8.13  Plg=63  Azm= 33
     N       -2.11      17      159
     P       -6.02      21      256
   Best Double Couple:Mo=7.1*10**16
    NP1:Strike= 13 Dip=29 Slip= 128
    NP2:        152      68       72

10 03 04 35.73  27.701S  73.953E  10km
   5.6mb ( 40 obs.)  5.1Msz ( 10 obs.)
   MID-INDIAN RIDGE
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 21S, 32C
   Centroid Location:
   Origin Time        03:04:42.8 0.5
   Lat 28.25S 0.10 Lon  74.46E 0.11
   Dep  15.0 FIX Half-duration  1.2
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  1.55  Plg=34  Azm= 38
     N       -0.36       7      304
     P       -1.19      55      203
   Best Double Couple:Mo=1.4*10**17
    NP1:Strike=157 Dip=13 Slip= -56
    NP2:        302      79      -98

10 06 09 15.41  11.762N  87.309W  33km
   5.2mb ( 42 obs.)  5.6Msz ( 29 obs.)
   NEAR COAST OF NICARAGUA
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L P.B.: 35S, 74C
   Centroid Location:
   Origin Time        06:09:20.1 0.5
   Lat 11.46N 0.05 Lon  87.78W 0.04
   Dep  16.0 BDY Half-duration  1.8
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  3.94  Plg=70  Azm= 14
     N        0.21       4      116
     P       -4.15      20      207
   Best Double Couple:Mo=4.1*10**17
    NP1:Strike=304 Dip=26 Slip= 100
    NP2:        114      65       85

10 13 42 35.10  36.037N  69.688E 112km
   5.3mb (122 obs.)
   HINDU KUSH REGION, AFGHANISTAN
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 15S, 24C
   Centroid Location:
   Origin Time        13:42:36.2 1.1
   Lat 35.28N 0.11 Lon  69.52E 0.07
   Dep 132.2 2.7 Half-duration  1.2
   Principal Axes:
     Scale 10**16 Nm
     T  Val=  7.67  Plg=89  Azm=237
     N       -1.41       0      147
     P       -6.25       1       57
   Best Double Couple:Mo=7.0*10**16
    NP1:Strike=147 Dip=44 Slip=  90
    NP2:        327      46       90

11 00 01 30.24   0 123S 125.186E  59km
   5.5mb ( 46 obs.)
   SOUTHERN MOLUCCA SEA
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L P.B : 31S, 62C
   Centroid Location:
   Origin Time        00:01:33.5 0.4
   Lat  0.05S 0.04 Lon 125.64E 0.04
   Dep  45.8 2.4 Half-duration  1.4
   Principal Axes
     Scale 10**17 Nm
     T  Val=  2.04  Plg=68  Azm=298
     N       -0.17       3       36
     P       -1.86      22      127
   Best Double Couple:Mo=2.0*10**17
    NP1:Strike=223 Dip=23 Slip=  98
    NP2:         35      67       87

11 01 44 24.72  24.627N 141.165E 192km
   5.0mb ( 51 obs.)
   VOLCANO ISLANDS REGION
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 15S, 19C
   Centroid Location:
   Origin Time        01:44:29.8 1.8
   Lat 25.13N 0.15 Lon 141.20E 0.12
   Dep 189.0 3.5 Half-duration  0.9
   Principal Axes:
     Scale 10**16 Nm
     T  Val=  6.41  Plg=56  Azm=237
     N       -0.74      33       75
     P       -5.67       8      340
   Best Double Couple:Mo=6.0*10**16
    NP1:Strike= 38 Dip=47 Slip=  42
    NP2:        276      61      128

11 04 03 45.81  80.213N   1.048W  18km
   5.1mb ( 82 obs.)  5.0Msz ( 35 obs.)
   NORTH OF SVALBARD
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 24S, 41C
   Centroid Location:
   Origin Time        04:03:48.5 0.4
   Lat 79.88N 0.06 Lon   3.07W 0.29
   Dep  15.0 FIX Half-duration  1 4
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  2.32  Plg=30  Azm= 79
     N       -0.68      60      262
     P       -1.63       1      170
   Best Double Couple:Mo=2.0*10**17
    NP1:Strike=218 Dip=68 Slip=  22
    NP2:        120      70      157

11 05 23 48.85  11.757N  87.407W  26km
   5.1mb ( 21 obs.)  5.2Msz ( 14 obs.)
   NEAR COAST OF NICARAGUA
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 31S, 61C
   Centroid Location:
   Origin Time        05:23:50.3 0.5
   Lat 11.18N 0.05 Lon  87.85W 0.04
   Dep  15.0 BDY Half-duration  1.5
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  2.06  Plg=68  Azm= 81
     N       -0.13      14      314
     P       -1.93      17      220
   Best Double Couple:Mo=2.0*10**17
    NP1:Strike=289 Dip=30 Slip=  62
    NP2:        141      63      105

11 09 34 17.54  43.300N 135.511E 364km
   5.3mb (140 obs.)
   NEAR SOUTHEAST COAST OF RUSSIA
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 19S, 27C
   Centroid Location:
   Origin Time        09:34:17.7 0.7
   Lat 42.89N 0.10 Lon 135.70E 0.08
   Dep 371.6 3.4 Half-duration  1.2
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  1.28  Plg=38  Azm= 89
     N       -0.15      15      191
     P       -1.13      49      298
   Best Double Couple:Mo=1.2*10**17
    NP1:Strike=123 Dip=16 Slip=-159
    NP2:         12      84      -75

11 15 14 55.13  32.536N 141.641E  16km
   5.8mb (132 obs.)  6.3Msz ( 33 obs.)
   SOUTH OF HONSHU, JAPAN
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FAULT PLANE SOLUTION  P-Waves
 NP1 Strike= 18 Dip=88 Slip=  90
 NP2        198      2        90
Principal Axes
  T                Plg=47  Azm=288
  P                 43       108
Comment: The focal mechanism is
  poorly controlled and
  corresponds to reverse
  faulting. The preferred fault
  plane is NP2
RADIATED ENERGY
 No. of sta   10  Focal mech.  M
 Energy        2.2±0.7*10**13 Nm
MOMENT TENSOR SOLUTION
Dep   5            No. of sta: 26
Principal Axes:
  Scale 10**18 Nm
  T  Val=  4.23  Plg=52  Azm=292
  N       0.05       5       196
  P      -4.28      38       102
Best Double Couple:Mo=4.3*10**18
 NP1:Strike=161 Dip= 9 Slip=  55
 NP2:        17      83        95
CENTROID, MOMENT TENSOR     (HRV)
Data Used: GDSN
L.P.B.: 62S, **C  M.W.: 32S, 50C
Centroid Location:
Origin Time        15:15: 1.6 0.2
Lat 32.69N 0.02 Lon 141.89E 0.01
Dep  15.0 BDY Half-duration  3.1
Principal Axes:
  Scale 10**18 Nm
  T  Val=  2.53  Plg=62  Azm=274
  N      -0.09       5       173
  P      -2.43      27        80
Best Double Couple:Mo=2.5*10**18
 NP1:Strike=157 Dip=19 Slip=  73
 NP2:       355      72        96

12 06 36 12.07  32.755N 141 698E  33km
5.5mb ( 80 obs.)  5.7Msz ( 27 obs.)
SOUTH OF HONSHU, JAPAN
CENTROID, MOMENT TENSOR     (HRV)
Data Used: GDSN
L.P.B.: 26S, 62C
Centroid Location:
Origin Time        06:36:12.5 0.3
Lat 32.21N 0.04 Lon 141.98E 0.03
Dep  15.0 FIX Half-duration  2.1
Principal Axes:
  Scale 10**17 Nm
  T  Val=  6.13  Plg=67  Azm=264
  N       0.12       3         2
  P      -6.25      22        93
Best Double Couple:Mo=6.2*10**17
 NP1:Strike=190 Dip=23 Slip=  99
 NP2:         1      67        86

12 17 30 02.68   6.626S 130.597E 117km
5.5mb ( 52 obs.)
BANDA SEA
CENTROID, MOMENT TENSOR     (HRV)
Data Used: GDSN
L.P.B.: 26S, 46C
Centroid Location:
Origin Time        17:30: 3.6 0.7
Lat  6.54S 0.05 Lon 131.02E 0.06
Dep 102.0 2.8 Half-duration  1.1
Principal Axes:
  Scale 10**16 Nm
  T  Val=  8.11  Plg=52  Azm=282
  N      -0.27      31        63
  P      -7.85      19       165
Best Double Couple:Mo=8.0*10**16
 NP1:Strike=294 Dip=38 Slip= 147
 NP2:        51      71        57

13 00 57 50.67  16.642S 167.478E  33km
5 2mb (  4 obs.)  4.6Msz (  1 obs.)
VANUATU ISLANDS
CENTROID, MOMENT TENSOR     (HRV)
Data Used. GDSN
L.P.B.: 18S, 26C
Centroid Location:
Origin Time        00:57:59.1 0.7
Lat 16.01S 0.12 Lon 167.18E 0.09
Dep  32 9 4.9 Half-duration  1.4
Principal Axes:
  Scale 10**16 Nm
  T  Val=  7.78  Plg=30  Azm=118
  N      -1.11       1       208
  P      -6.67      60       299

Best Double Couple Mo=7 2*10**16
 NP1:Strike=205 Dip=15 Slip= -93
 NP2:        28      75       -89

13 20 43 00.29   6.103S 148.875E  45km
5.8mb ( 59 obs )  5 9Msz ( 27 obs.)
NEW BRITAIN REGION, P.N.G.
FAULT PLANE SOLUTION  P-Waves
 NP1:Strike=280 Dip=55 Slip= 110
 NP2:        68      40        64
Principal Axes
  T                Plg=72  Azm=241
  P                  8       356
Comment: The focal mechanism is
  poorly controlled and
  corresponds to reverse
  faulting with a moderate
  right-lateral strike-slip
  component. The preferred fault
  plane is NP1.
RADIATED ENERGY
 No. of sta:  13  Focal mech.  F
 Energy        7.8±2.0*10**12 Nm
MOMENT TENSOR SOLUTION
Dep  43            No. of sta: 20
Principal Axes:
  Scale 10**18 Nm
  T  Val=  2.19  Plg=56  Azm=128
  N       0.36      33       294
  P      -2.55       7        29
Best Double Couple:Mo=2.4*10**18
 NP1:Strike=150 Dip=48 Slip= 137
 NP2:       272      60        51
CENTROID, MOMENT TENSOR     (HRV)
Data Used: GDSN
L.P.B.: 31S, 72C
Centroid Location:
Origin Time        20:43: 4.7 0.3
Lat  6.43S 0.02 Lon 149.10E 0.02
Dep  53.3 1.6 Half-duration  2.6
Principal Axes:
  Scale 10**18 Nm
  T  Val=  1.35  Plg=68  Azm=165
  N       0.16       5       268
  P      -1.51      21         0
Best Double Couple:Mo=1.4*10**18
 NP1:Strike=100 Dip=24 Slip= 103
 NP2:       265      67        84

14 01 43 13.06  32.634N 141.225E  38km
5.2mb ( 71 obs.)  5.0Msz ( 15 obs.)
SOUTH OF HONSHU, JAPAN
CENTROID, MOMENT TENSOR     (HRV)
Data Used: GDSN
L.P.B.: 22S, 39C
Centroid Location:
Origin Time        01:43:15.3 0.5
Lat 33.10N 0.11 Lon 141.36E 0.05
Dep  30.7 2.9 Half-duration  1.1
Principal Axes:
  Scale 10**17 Nm
  T  Val=  1.23  Plg=66  Azm=300
  N       0.29      11       186
  P      -1.52      22        92
Best Double Couple:Mo=1.4*10**17
 NP1:Strike=163 Dip=25 Slip=  65
 NP2:        10      67       101

14 16 20 10.44  17.411S 174.327W 113km
5.2mb ( 27 obs.)
TONGA ISLANDS
CENTROID, MOMENT TENSOR     (HRV)
Data Used: GDSN
L.P.B.: 10S, 12C
Centroid Location:
Origin Time        16:20:14.2 0.6
Lat 17.96S  FIX;Lon 173.95W  FIX
Dep 120.8 4.1 Half-duration  1.0
Principal Axes:
  Scale 10**16 Nm
  T  Val=  7.88  Plg=44  Azm=135
  N       0.27      26        17
  P      -8.15      35       268
Best Double Couple:Mo=8.0*10**16
 NP1:Strike=300 Dip=27 Slip=  12
 NP2:       200      85       116

14 17 26 20 75  24.071N 121 653E  15km
5.0mb ( 41 obs )  4.9Msz (  6 obs )
TAIWAN
CENTROID, MOMENT TENSOR     (HRV)
Data Used: GDSN
L P.B :  9S, 11C

Centroid Location.
Origin Time        17.26:24.7 1.3
Lat 24 00N  FIX;Lon 121.63E  FIX
Dep  44.9 6.1 Half-duration  1.0
Principal Axes.
  Scale 10**16 Nm
  T  Val=  6.21  Plg=66  Azm=182
  N      -0.25      15        55
  P      -5.96      18       319
Best Double Couple:Mo=6.1*10**16
 NP1:Strike= 27 Dip=30 Slip=  59
 NP2:       242      65       107

14 20 08 59.78  30.823S  65.292W 194km
5.0mb ( 29 obs.)
CORDOBA PROVINCE, ARGENTINA
CENTROID, MOMENT TENSOR     (HRV)
Data Used: GDSN
L.P.B.: 17S, 25C
Centroid Location:
Origin Time        20:09: 1.6 0.4
Lat 30.91S 0.08 Lon  65.11W 0.07
Dep 200.7 2.6 Half-duration  1.0
Principal Axes:
  Scale 10**16 Nm
  T  Val=  6.52  Plg=36  Azm=  42
  N       0.24      11       140
  P      -6.76      52       244
Best Double Couple:Mo=6.6*10**16
 NP1:Strike= 86 Dip=14 Slip=-145
 NP2:       322      82       -79

15 01 57 23.96  23.345S 172.912E  33km
5.2mb ( 13 obs.)
LOYALTY ISLANDS REGION
CENTROID, MOMENT TENSOR     (HRV)
Data Used: GDSN
L.P.B.:  9S, 15C
Centroid Location:
Origin Time        01:57:24.4 1.6
Lat 23.69S  FIX;Lon 172.84E  FIX
Dep  15.0 FIX Half-duration  1.0
Principal Axes:
  Scale 10**16 Nm
  T  Val=  5.70  Plg=12  Azm=326
  N       2.12      65        84
  P      -7.83      21       231
Best Double Couple:Mo=6.8*10**16
 NP1:Strike= 10 Dip=66 Slip=-174
 NP2:       277      84       -24

15 19 02 09.14   5.111N  75.607W 119km
5.7mb ( 84 obs.)
COLOMBIA
FAULT PLANE SOLUTION: P-Waves
 NP1:Strike= 85 Dip=65 Slip=-108
 NP2:       303      30       -56
Principal Axes:
  T                Plg=18  Azm=188
  P                  65       324
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:  12  Focal mech.  M
 Energy        2.1±0.5*10**12 Nm
MOMENT TENSOR SOLUTION
Dep 124            No. of sta: 19
Principal Axes:
  Scale 10**17 Nm
  T  Val=  7.40  Plg=19  Azm=208
  N      -0.26      35       105
  P      -7.14      49       322
Best Double Couple:Mo=7.3*10**17
 NP1:Strike=340 Dip=40 Slip= -28
 NP2:        92      72      -127
CENTROID, MOMENT TENSOR     (HRV)
Data Used: GDSN
L.P.B.: 31S, 71C
Centroid Location:
Origin Time        19:02:12.6 0.2
Lat  5.08N 0.02 Lon  75.88W 0.02
Dep 125.9 1.0 Half-duration  2.2
Principal Axes:
  Scale 10**17 Nm
  T  Val=  8.31  Plg=24  Azm=124
  N      -0.11       7        31
  P      -8.20      65       286
Best Double Couple:Mo=8.3*10**17
 NP1 Strike=228 Dip=22 Slip= -71
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   NP2:          28      69        -97
15 2? 30 13.70  18 501N 145 632E 193km
   5 1mb ( 49 obs )
   MARIANA ISLANDS
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.  19S, 27C
   Centroid Location:
   Origin Time        21:30:17.7 0.6
   Lat 18.49N  FIX;Lon 145.57E  FIX
   Dep 194 7 3.5 Half-duration  1.1
   Principal Axes:
     Scale 10**16 Nm
     T  Val=  8.50  Plg=56  Azm=231
     N        1.50      28       87
     P      -10.00      17      348
   Best Double Couple:Mo=9.2*10**16
    NP1:Strike= 43 Dip=37 Slip=  39
    NP2:        280      68      121

16 10 23 28.47   5.368S 146.669E 215km
   6 0mb ( 95 obs.)
   EASTERN NEW GUINEA REG., P.N.G.
   FAULT PLANE SOLUTION: P-Waves
    NP1:Strike=268 Dip=55 Slip=  70
    NP2:        120      40      116
   Principal Axes:
     T                Plg=72  Azm=127
     P                     8       12
   Comment: The focal mechanism is
     poorly controlled and
     corresponds to reverse
     faulting with a moderate left-
     lateral strike-slip component.
     The preferred fault plane is
     NP1.
   RADIATED ENERGY
    No. of sta:  12  Focal mech.  F
    Energy        2.5±0.6*10**13 Nm
   MOMENT TENSOR SOLUTION
   Dep 240            No. of sta: 21
   Principal Axes:
     Scale 10**18 Nm
     T  Val=  2.98  Plg=67  Azm=114
     N        0.02      20      260
     P       -3.00      12      355
   Best Double Couple:Mo=3.0*10**18
    NP1:Strike=108 Dip=37 Slip= 124
    NP2:        248      60       67
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 66S, **C  M.W.: 46S, 78C
   Centroid Location:
   Origin Time        10:23:37.7 0.2
   Lat  5.39S 0.01 Lon 146.87E 0.01
   Dep 249.3 0.7 Half-duration  3.5
   Principal Axes:
     Scale 10**18 Nm
     T  Val=  3.04  Plg=56  Azm=125
     N       -0.27      32      281
     P       -2.77      11       18
   Best Double Couple:Mo=2.9*10**18
    NP1:Strike=142 Dip=44 Slip= 140
    NP2:        263      63       54

16 14 49 08.01   3.084S  84.945E  33km
   5 7mb (108 obs )  4 8Msz ( 32 obs.)
   SOUTH INDIAN OCEAN
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P B.: 20S, 35C
   Centroid Location:
   Origin Time        14 49  9 0 0 9
   Lat  3.39S 0 08 Lon  85.58E 0 09
   Dep  33.0 FIX Half-duration  1.0
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  1.17  Plg=74  Azm=233
     N       -0.19      10      106
     P       -0.98      13       13
   Best Double Couple:Mo=1.1*10**17
    NP1:Strike= 90 Dip=33 Slip=  72
    NP2:        292      58      102

17 00 52 07.83   4.683S  77.985W  50km
   5.4mb ( 43 obs )
   NORTHERN PERU
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 16S, 22C
   Centroid Location:
   Origin Time        00:52:24 6 2 1
   Lat  4 25S 0 13 Lon  78 21W 0 12
   Dep  52.0 5 0 Half-duration  1 0
   Principal Axes
     Scale 10**16 Nm
     T  Val=  7.69  Plg=40  Azm=224
     N        3.05      50       44
     P      -10.74       0      134
   Best Double Couple:Mo=9.2*10**16
    NP1:Strike=262 Dip=63 Slip= 149
    NP2:          7      63       31

17 21 09 24.91  20.240S  68.783W 110km
   5.2mb ( 38 obs.)
   CHILE-BOLIVIA BORDER REGION
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 20S, 40C
   Centroid Location:
   Origin Time        21:09:31.6 0.2
   Lat 20.26S  FIX;Lon  68.78W  FIX
   Dep 116.4 1.4 Half-duration  1.5
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  2.02  Plg=31  Azm= 70
     N        0.24       1      161
     P       -2.25      59      253
   Best Double Couple:Mo=2.1*10**17
    NP1:Strike=156 Dip=14 Slip= -95
    NP2:        341      76      -89

18 06 15 58.08  22.280S 174.789W  44km
   5 2mb ( 21 obs.)  5.2Msz ( 18 obs.)
   TONGA ISLANDS REGION
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 22S, 30C
   Centroid Location:
   Origin Time        06:15:55.9 1.3
   Lat 22.46S 0.12 Lon 173.94W 0.08
   Dep  48.9 4.1 Half-duration  1.1
   Principal Axes:
     Scale 10**16 Nm
     T  Val=  9.53  Plg=21  Azm=318
     N       -2.05      20      220
     P       -7.48      60       90
   Best Double Couple:Mo=8.5*10**16
    NP1:Strike= 79 Dip=30 Slip= -46
    NP2:        211      69     -112

18 12 53 55.68   2.895S  79.923W  27km
   5.1mb ( 25 obs.)  4.4Msz ( 11 obs.)
   NEAR COAST OF ECUADOR
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 13S, 23C
   Centroid Location:
   Origin Time        12:54: 2.2 1.4
   Lat  2.91S 0.14 Lon  79.78W 0.16
   Dep  42.1 6.9 Half-duration  1.0
   Principal Axes:
     Scale 10**16 Nm
     T  Val=  8.15  Plg=60  Azm= 63
     N        0.99      16      182
     P       -9.14      24      280
   Best Double Couple:Mo=8.6*10**16
    NP1:Strike= 39 Dip=25 Slip= 130
    NP2:        177      71       73

18 20 01 03.63  28.644S 178.324W 201km
   5.6mb ( 54 obs.)
   KERMADEC ISLANDS REGION
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L P.B.: 29S, 58C
   Centroid Location:
   Origin Time        20:01  9.0 0.3
   Lat 28.15S 0.04 Lon 178.12W 0.03
   Dep 208.9 1.4 Half-duration  2 2
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  7.54  Plg=61  Azm=162
     N        1.09      15      281
     P       -8.63      25       19
   Best Double Couple:Mo=8.1*10**17
    NP1:Strike=138 Dip=25 Slip= 129
    NP2:        276      71       74

19 00 57 40 27  50 502N 174 922W  10km
   6 2mb (162 obs )  5 8Msz ( 42 obs.)
   ANDREANOF ISLANDS, ALEUTIAN IS
   FAULT PLANE SOLUTION: P-Waves
    NP1:Strike=265 Dip=68 Slip= -90
    NP2         85      22      -90
   Principal Axes:
     T                Plg=23  Azm=355
     P                    67      175
   Comment: The focal mechanism is
     poorly controlled and
     corresponds to normal
     faulting. The preferred fault
     plane is NP1.
   RADIATED ENERGY
    No. of sta:  20  Focal mech.  F
    Energy        2.6±0.5*10**13 Nm
   MOMENT TENSOR SOLUTION
   Dep  12            No. of sta: 28
   Principal Axes:
     Scale 10**18 Nm
     T  Val=  1.57  Plg=14  Azm=355
     N       -0.03       2      264
     P       -1.55      75      166
   Best Double Couple:Mo=1.6*10**18
    NP1:Strike= 88 Dip=31 Slip= -86
    NP2:        263      59      -92
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 28S, 65C  M.W.:  8S, 13C
   Centroid Location:
   Origin Time        00:57:44.1 0.2
   Lat 50.45N 0.02 Lon 174.78W 0.04
   Dep  15.0 BDY Half-duration  2.7
   Principal Axes:
     Scale 10**18 Nm
     T  Val=  1.74  Plg= 0  Azm=173
     N       -0.16       0      263
     P       -1.57      89       34
   Best Double Couple:Mo=1.7*10**18
    NP1:Strike=263 Dip=45 Slip= -91
    NP2:         83      45      -89

19 02 04 37.41  42.142N  73.575E  27km
   6.6mb (147 obs.)  7.4Msz ( 29 obs.)
   KYRGYZSTAN
   FAULT PLANE SOLUTION: P-Waves
    NP1:Strike=273 Dip=47 Slip=  90
    NP2:         93      43       90
   Principal Axes:
     T                Plg=88  Azm=183
     P                     2        3
   Comment: The focal mechanism is
     poorly controlled and
     corresponds to reverse
     faulting. The preferred fault
     plane is NP2.
   RADIATED ENERGY
    No. of sta:  18  Focal mech.  F
    Energy        5.8±1.3*10**14 Nm
   MOMENT TENSOR SOLUTION
   Dep   7            No. of sta: 17
   Principal Axes:
     Scale 10**19 Nm
     T  Val=  8.98  Plg=57  Azm= 86
     N        0.33      29      232
     P       -9.31      16      331
   Best Double Couple:Mo=9.1*10**19
    NP1:Strike= 95 Dip=39 Slip= 140
    NP2:        218      66       59
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 21S, 58C  M.W.: 14S, 37C
   Centroid Location:
   Origin Time        02:04:45.8 0.1
   Lat 42.19N 0.01 Lon  73.32E 0.02
   Dep  17.0 BDY Half-duration 10.0
   Principal Axes:
     Scale 10**19 Nm
     T  Val=  7.85  Plg=73  Azm= 21
     N       -0.34       8      263
     P       -7.51      14      171
   Best Double Couple:Mo=7.7*10**19
    NP1:Strike=250 Dip=31 Slip=  74
    NP2:         88      60       99

19 18 15 46.71  50.148S 130.520E  10km
   5.0mb ( 10 obs.)  5.2Msz (  3 obs.)
   SOUTH OF AUSTRALIA
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 26S, 51C
   Centroid Location
   Origin Time        18:15:52 1 0.4
   Lat 50.38S 0 04 Lon 130.45E 0.07
   Dep  15.0 FIX Half-duration  1.5
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  2 09  Plg= 0  Azm=152
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    N        -0 08       90       180
    P        -2 01        0        62
  Best Double Couple Mo=2 0*10**17
   NP1 Strike=197 Dip=90 Slip=-180
   NP2         287      90         0

20 13 37 11.50  26.177S  69.088W 105km
  5 4mb ( 44 abs )
  NORTHERN CHILE
  CENTROID, MOMENT TENSOR     (HRV)
  Data Used· GDSN
  L.P B   21S, 35C
  Centraid Lacatian:
  Origin Time        13:37:16.4 0.4
  Lat 25.90S 0.04 Lan  68.95W 0.05
  Dep 114.8 2.7 Half-duration  1.0
  Principal Axes:
    Scale 10**16 Nm
    T  Val=  8.10  Plg=19  Azm= 64
    N        1.15        6       332
    P       -9.24       70       225
  Best Dauble Cauple:Mo=8.7*10**16
   NP1:Strike=164 Dip=27 Slip= -76
   NP2:        329      64       -97

20 18 31 35.07  25.445N 141.401E  33km
  5.1mb ( 38 abs.)  4.9Msz ( 15 obs.)
  VOLCANO ISLANDS REGION
  CENTROID, MOMENT TENSOR     (HRV)
  Data Used: GDSN
  L.P.B.: 23S, 35C
  Centraid Lacatian:
  Origin Time        18:31:41.8 0.7
  Lat 25.78N 0.07 Lan 140.86E 0.05
  Dep  19.0 2.0 Half-duratian  1.1
  Principal Axes:
    Scale 10**16 Nm
    T  Val=  9.45  Plg=78  Azm=264
    N       -3.49        7        26
    P       -5.95       10       117
  Best Dauble Cauple:Ma=7.7*10**16
   NP1:Strike=215 Dip=35 Slip= 101
   NP2:         21      56        82

21 01 02 18.44  43.930N 128.344W  20km
  5.5mb ( 96 abs.)  4.8Msz ( 29 obs.)
  OFF COAST OF OREGON
  CENTROID, MOMENT TENSOR     (HRV)
  Data Used: GDSN
  L.P.B.: 14S, 23C
  Centroid Lacatian:
  Origin Time        01:02:20.9 0.4
  Lat 44.24N 0.09 Lan 129.00W 0.08
  Dep  15.0 FIX Half-duratian  1.2
  Principal Axes:
    Scale 10**17 Nm
    T  Val=  1.93  Plg=21  Azm= 99
    N       -0.82       16         3
    P       -1.11       64       238
  Best Dauble Cauple Mo=1 5*10**17
   NP1:Strike=214 Dip=28 Slip= -55
   NP2:        356      67      -107

21 22 11 13.76   5.902N 124.181E  27km
  5.2mb ( 39 abs )  4 1Msz (  3 abs.)
  MINDANAO, PHILIPPINE ISLANDS
  CENTROID, MOMENT TENSOR     (HRV)
  Data Used  GDSN
  L.P B.: 10S. 14C
  Centroid Location
  Origin Time        22.11 17 8 1 2
  Lat  5.93N  FIX.Lan 124 20E  FIX
  Dep  27.0 FIX Half-duratian  1 0
  Principal Axes:
    Scale 10**16 Nm
    T  Val=  7.00  Plg=55  Azm=102
    N       -1.23       16       349
    P       -5.77       31       250
  Best Dauble Cauple.Mo=6 4*10**16
   NP1 Strike=300 Dip=20 Slip=  39
   NP2:        173      78       106

24 06 59 39.91  41.977N 140 660E 121km
  6.2mb (185 abs.)
  HOKKAIDO, JAPAN  REGION
  FAULT PLANE SOLUTION: P-Waves
   NP1·Strike=192 Dip=83 Slip=  35
   NP2         97      55       171
  Principal Axes
    T                Plg=29  Azm= 60
    P                 18       320
  Comment· The focal mechanism is
    moderately well contralled and
    corresponds to strike-slip
    faulting with a large reverse
    camponent. The preferred fault
    plane is nat determined
  RADIATED ENERGY
   No. of sta.  17  Facal mech.  F
   Energy        3.2±0.5*10**13 Nm
  MOMENT TENSOR SOLUTION
  Dep 118            Na. of sta: 19
  Principal Axes:
    Scale 10**18 Nm
    T  Val=  2.01  Plg=20  Azm= 42
    N        0.00       56       164
    P       -2.01       27       301
  Best Dauble Cauple:Ma=2.0*10**18
   NP1:Strike= 83 Dip=56 Slip=-175
   NP2:        350      86       -34
  CENTROID, MOMENT TENSOR     (HRV)
  Data Used: GDSN
  L.P.B.: 23S, 60C  M.W.  15S, 20C
  Centraid Location:
  Origin Time        06:59:45.9 0.2
  Lat 42.46N 0.02 Lan 140.71E 0.02
  Dep 124.0 1.0 Half-duratian  3.0
  Principal Axes:
    Scale 10**18 Nm
    T  Val=  1.68  Plg=40  Azm= 59
    N        0.24       31       179
    P       -1.92       35       294
  Best Dauble Cauple.Ma=1.8*10**18
   NP1:Strike= 83 Dip=32 Slip= 175
   NP2:        178      87        58

24 15 21 21.13  20.588S 169.779E  33km
  5.3mb ( 22 abs.)  4.9Msz (  8 abs.)
  VANUATU ISLANDS
  CENTROID, MOMENT TENSOR     (HRV)
  Data Used. GDSN
  L.P.B.: 18S, 37C
  Centraid Location:
  Origin Time        15:21:20.4 1.2
  Lat 20.93S 0.12 Lan 169.83E 0.08
  Dep  15.0 FIX Half-duratian  1.3
  Principal Principal Axes:
    Scale 10**17 Nm
    T  Val=  1.47  Plg= 2  Azm= 63
    N       -0.02       37       332
    P       -1.45       53       156
  Best Dauble Cauple:Ma=1.5*10**17
   NP1:Strike=185 Dip=54 Slip= -42
   NP2.        303      58      -136

24 19 40 34.90  56.622S  26.552W 107km
  5.9mb ( 41 abs.)
  SOUTH SANDWICH ISLANDS REGION
  MOMENT TENSOR SOLUTION
  Dep  97            No. of sta:  5
  Principal Axes:
    Scale 10**17 Nm
    T  Val=  6.08  Plg=30  Azm=183
    N       -0.01       60       351
    P       -6.07        5        90
  Best Dauble Cauple:Ma=6.1*10**17
   NP1:Strike=222 Dip=66 Slip= 162
   NP2:        320      73        26
  CENTROID, MOMENT TENSOR     (HRV)
  Data Used: GDSN
  L.P.B.: 29S, 75C
  Centraid Location:
  Origin Time        19:40:39.6 0.2
  Lat 56.62S 0.03 Lan  26.38W 0.03
  Dep  90.6 1.1 Half-duratian  2.7
  Principal Axes:
    Scale 10**18 Nm
    T  Val=  1.56  Plg=39  Azm=177
    N        0.11       50       345
    P       -1.67        6        82
  Best Dauble Cauple:Ma=1.6*10**18
   NP1:Strike=212 Dip=59 Slip= 154
   NP2:        316      68        34

25 02 07 13.01  10.042S 160.204E  27km
  5.4mb ( 49 abs.)  5.5Msz ( 40 abs.)
  SOLOMON ISLANDS
  CENTROID, MOMENT TENSOR     (HRV)
  Data Used: GDSN
  L.P.B.: 21S, 47C
  Centroid Location·
  Origin Time        02:07:14 9 0 5
  Lat  9.93S 0.07 Lan 160.45E 0.06
  Dep  15.0 FIX Half-duratian  1.8
  Principal Axes·
    Scale 10**17 Nm
    T  Val=  6.95  Plg=48  Azm= 37
    N       -0.59        3       130
    P       -6.36       42       222
  Best Dauble Cauple:Ma=6.7*10**17
   NP1:Strike=354 Dip= 4 Slip= 134
   NP2:        130      87        87

25 08 24 12.96  20.942S 174.947W  66km
  5.5mb ( 55 abs.)
  TONGA ISLANDS
  CENTROID, MOMENT TENSOR     (HRV)
  Data Used: GDSN
  L.P.B.: 22S, 41C
  Centraid Lacatian:
  Origin Time        08:24:16.5 0.4
  Lat 20.76S 0.04 Lan 174.48W 0.03
  Dep  62.7 2.4 Half-duratian  1.5
  Principal Axes:
    Scale 10**17 Nm
    T  Val=  2.63  Plg=60  Azm=103
    N        0.44       12       352
    P       -3.07       27       255
  Best Dauble Cauple:Ma=2.8*10**17
   NP1:Strike=318 Dip=21 Slip=  54
   NP2:        175      73       102

25 18 02 45.45   4.856N  32.631W  10km
  5.1mb ( 30 abs.)  4.7Msz (  6 abs.)
  CENTRAL MID-ATLANTIC RIDGE
  CENTROID, MOMENT TENSOR     (HRV)
  Data Used: GDSN
  L.P.B.: 24S, 43C
  Centraid Lacatian:
  Origin Time        18:02:49.0 0.5
  Lat  4.87N 0.06 Lan  32.42W 0.06
  Dep  15.0 FIX Half-duratian  1.1
  Principal Axes:
    Scale 10**16 Nm
    T  Val= 10.92  Plg=15  Azm=271
    N        0.98       18       176
    P      -11.89       66        38
  Best Dauble Cauple:Ma=1.1*10**17
   NP1:Strike= 26 Dip=34 Slip= -56
   NP2·        166      62      -111

26 01 47 29.98   5.744S 154.093E  96km
  5.4mb ( 20 abs.)
  SOLOMON ISLANDS
  CENTROID, MOMENT TENSOR     (HRV)
  Data Used: GDSN
  L.P.B.: 21S, 36C
  Centraid Lacatian:
  Origin Time        01:47:35.9 0.5
  Lat  5.30S 0.09 Lan 154.11E 0.06
  Dep  85.7 3 4 Half-duration  1.1
  Principal Axes:
    Scale 10**16 Nm
    T  Val=  9.03  Plg= 3  Azm=118
    N       -0.66       59        22
    P       -8.36       31       209
  Best Dauble Cauple:Mo=8.7*10**16
   NP1:Strike=249 Dip=66 Slip= -21
   NP2:        348      71      -155

28 00 50 50.45  29.087N  66.740E   9km
  5.5mb (108 abs.)  5.5Msz ( 25 abs.)
  PAKISTAN
  CENTROID, MOMENT TENSOR     (HRV)
  Data Used: GDSN
  L.P.B.: 25S, 50C
  Centraid Lacatian:
  Origin Time        00:50:48.8 0.5
  Lat 28.43N 0.05 Lan  66.69E 0.03
  Dep  15.0 FIX Half-duratian  1.5
  Principal Axes:
    Scale 10**17 Nm
    T  Val=  2.62  Plg=17  Azm= 75
    N       -0.08       67       211
    P       -2.54       15       341
  Best Dauble Cauple:Ma=2.6*10**17
   NP1:Strike=118 Dip=67 Slip= 179
   NP2:        208      89        23

28 17 15 05.54  22.314S 179.526W 598km
  5.5mb ( 61 obs.)
  SOUTH OF FIJI ISLANDS
  CENTROID, MOMENT TENSOR     (HRV)
  Data Used: GDSN
  L.P.B.: 17S, 30C
  Centraid Lacatian:
  Origin Time        17:15: 5.3 0.9
  Lat 22.65S 0.10 Lan 179.55W 0.06
  Dep 590.6 3.5 Half-duratian  1 4
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  Principal Axes
    Scale 10**17 Nm
    T  Val=  2.08  Plg=38  Azm=109
    N        0.25      22      218
    P       -2.33      43      331
  Best Double Couple Mo=2.2*10**17
   NP1:Strike=136 Dip=23 Slip=-173
   NP2         39     87      -67

28 18 18 46.44   0.965S  13.562W  16km
  6.3mb (134 abs.)  7.0Msz ( 46 obs.)
  NORTH OF ASCENSION ISLAND
  FAULT PLANE SOLUTION: P-Waves
   NP1:Strike=257 Dip=89 Slip=-180
   NP2:       347     90     -359
  Principal Axes:
    T                Plg= 1  Azm=212
    P                     1      122
  Comment: The focal mechanism is
    moderately well controlled and
    corresponds to strike-slip
    faulting. The preferred fault
    plane is NP1.
  RADIATED ENERGY
   No. of sta:  11  Focal mech.  F
   Energy        2.7±0.4*10**15 Nm
  MOMENT TENSOR SOLUTION
  Dep  37            No. of sta: 20
  Principal Axes:
    Scale 10**19 Nm
    T  Val=  2.17  Plg= 2  Azm= 34
    N        0.32      81      135
    P       -2.49       9      304
  Best Double Couple:Mo=2.3*10**19
   NP1:Strike= 79 Dip=83 Slip=-175
   NP2:       349     85       -7
  CENTROID, MOMENT TENSOR    (HRV)
  Data Used: GDSN
  L.P.B.: 32S, 87C  M.W.: 26S, 60C
  Centroid Location:
  Origin Time       18:18:51.7 0.1
  Lat  0.71S 0.01 Lon  13.54W 0.01
  Dep  15.0 FIX Half-duration  6.5
  Principal Axes:
    Scale 10**19 Nm
    T  Val=  2.08  Plg= 6  Azm=211
    N       -0.16      81      341
    P       -1.92       7      120
  Best Double Couple:Mo=2.0*10**19
   NP1:Strike=256 Dip=81 Slip=-179
   NP2.       165     89       -9

29 13 10 38.21  54.375N 166.636E  36km
  5.0mb ( 66 abs.)  4.7Msz ( 27 abs.)
  KOMANDORSKY ISLANDS REGION
  CENTROID, MOMENT TENSOR    (HRV)
  Data Used: GDSN
  L.P.B.: 21S, 36C
  Centroid Location:
  Origin Time       13:10:39.7 0.3
  Lat 54.50N 0.06 Lon 166.48E 0.09
  Dep  15.1 3.2 Half-duration  1.2
  Principal Axes:
    Scale 10**16 Nm
    T  Val= 13.70  Plg=64  Azm= 55
    N        2.45      10      304
    P      -16.15      24      210
  Best Double Couple:Mo=1.5*10**17
   NP1 Strike=280 Dip=23 Slip=  64
   NP2:       128     70      100

29 19 19 05 59  33.190N 137.975E 289km
  6.0mb (158 abs.)
  NEAR S  COAST OF HONSHU, JAPAN
  FAULT PLANE SOLUTION: P-Waves
   NP1:Strike=185 Dip=80 Slip=  90
   NP2.         5     10       90
  Principal Axes:
    T                Plg=55  Azm= 95
    P                    35      275
  Comment: The focal mechanism is
    poorly controlled and
    corresponds to reverse
    faulting. The preferred fault
    plane is not determined
  RADIATED ENERGY
   No  of sta   13  Focal mech   M
   Energy        1.0±0.3*10**14 Nm
  MOMENT TENSOR SOLUTION
  Dep 308            No. of sta. 20
  Principal Axes.
    Scale 10**18 Nm
    T  Val=  2.65  Plg=38  Azm= 69
    N       -0.08      26      181
    P       -2.57      41      296
  Best Double Couple:Mo=2.6*10**18
   NP1:Strike= 96 Dip=26 Slip=-176
   NP2:         2     88      -64
  CENTROID, MOMENT TENSOR    (HRV)
  Data Used: GDSN
  L.P.B.: 26S, 68C  M W.: 20S, 27C
  Centroid Location:
  Origin Time       19:19:11.4 0.2
  Lat 33.40N 0.02 Lon 138.09E 0.01
  Dep 309.3 0.9 Half-duration  3.4
  Principal Axes:
    Scale 10**18 Nm
    T  Val=  2.74  Plg=49  Azm= 82
    N        0.28      13      187
    P       -3.02      38      288
  Best Double Couple:Mo=2.9*10**18
   NP1:Strike= 75 Dip=14 Slip= 159
   NP2:       186     85       77

30 11 25 21.77  15.233S 173.610W  48km
  5.1mb ( 19 abs.)  5.0Msz ( 17 obs.)
  TONGA ISLANDS
  CENTROID, MOMENT TENSOR    (HRV)
  Data Used: GDSN
  L.P.B.: 17S, 25C
  Centroid Location:
  Origin Time       11:25:29.1 0.3
  Lat 15.22S  FIX;Lon 173.63W  FIX
  Dep  96.2 3.3 Half-duration  1.1
  Principal Axes:
    Scale 10**16 Nm
    T  Val= 10.43  Plg=47  Azm=205
    N       -1.08      19      317
    P       -9.35      37       62
  Best Double Couple:Mo=9.9*10**16
   NP1:Strike=211 Dip=20 Slip= 165
   NP2.       315     85       71

30 20 09 05.77  17.918S 178.710W 565km
  5.8mb ( 86 abs.)
  FIJI ISLANDS REGION
  FAULT PLANE SOLUTION: P-Waves
   NP1:Strike=147 Dip=62 Slip=  90
   NP2:       327     28       90
  Principal Axes:
    T                Plg=73  Azm= 57
    P                    17      237
  Comment. The focal mechanism is
    poorly controlled and
    corresponds to reverse
    faulting. The preferred fault
    plane is NP2.
  RADIATED ENERGY
   No. of sta:  19  Focal mech.  M
   Energy        1.1±0.2*10**13 Nm
  MOMENT TENSOR SOLUTION
  Dep 571            No. of sta. 21
  Principal Axes:
    Scale 10**18 Nm
    T  Val=  5.00  Plg=63  Azm=355
    N       -0.82      25      151
    P       -4.18      10      246
  Best Double Couple:Mo=4.6*10**18
   NP1:Strike=  3 Dip=42 Slip= 130
   NP2:       135     59       60
  CENTROID, MOMENT TENSOR    (HRV)
  Data Used: GDSN
  L.P.B.: 33S, 88C
  Centroid Location:
  Origin Time       20:09:10.9 0.2
  Lat 17.75S 0.02 Lon 178.59W 0.01
  Dep 574.2 0.9 Half-duration  4.0
  Principal Axes:
    Scale 10**18 Nm
    T  Val=  4.81  Plg=55  Azm=352
    N       -0.31      34      158
    P       -4.49       6      252
  Best Double Couple:Mo=4.7*10**18
   NP1:Strike= 14 Dip=49 Slip= 138
   NP2.       135     60       50

31 04 39 55.47  11.422S 118.219E  28km
  5.6mb ( 57 abs.)  4.8Msz ( 13 abs.)
  SOUTH OF SUMBAWA, INDONESIA
  CENTROID, MOMENT TENSOR    (HRV)
  Data Used: GDSN
  L.P.B.: 22S, 32C
  Centroid Location:
  Origin Time       04:39:59.9 0.5
  Lat 11.56S  FIX;Lon 118.28E  FIX
  Dep  26.0 FIX Half-duration  1.1
  Principal Axes:
    Scale 10**17 Nm
    T  Val=  1.07  Plg= 5  Azm= 13
    N        0.43      36      107
    P       -1.50      54      277
  Best Double Couple:Mo=1.3*10**17
   NP1:Strike= 71 Dip=51 Slip=-139
   NP2:       312     59      -47

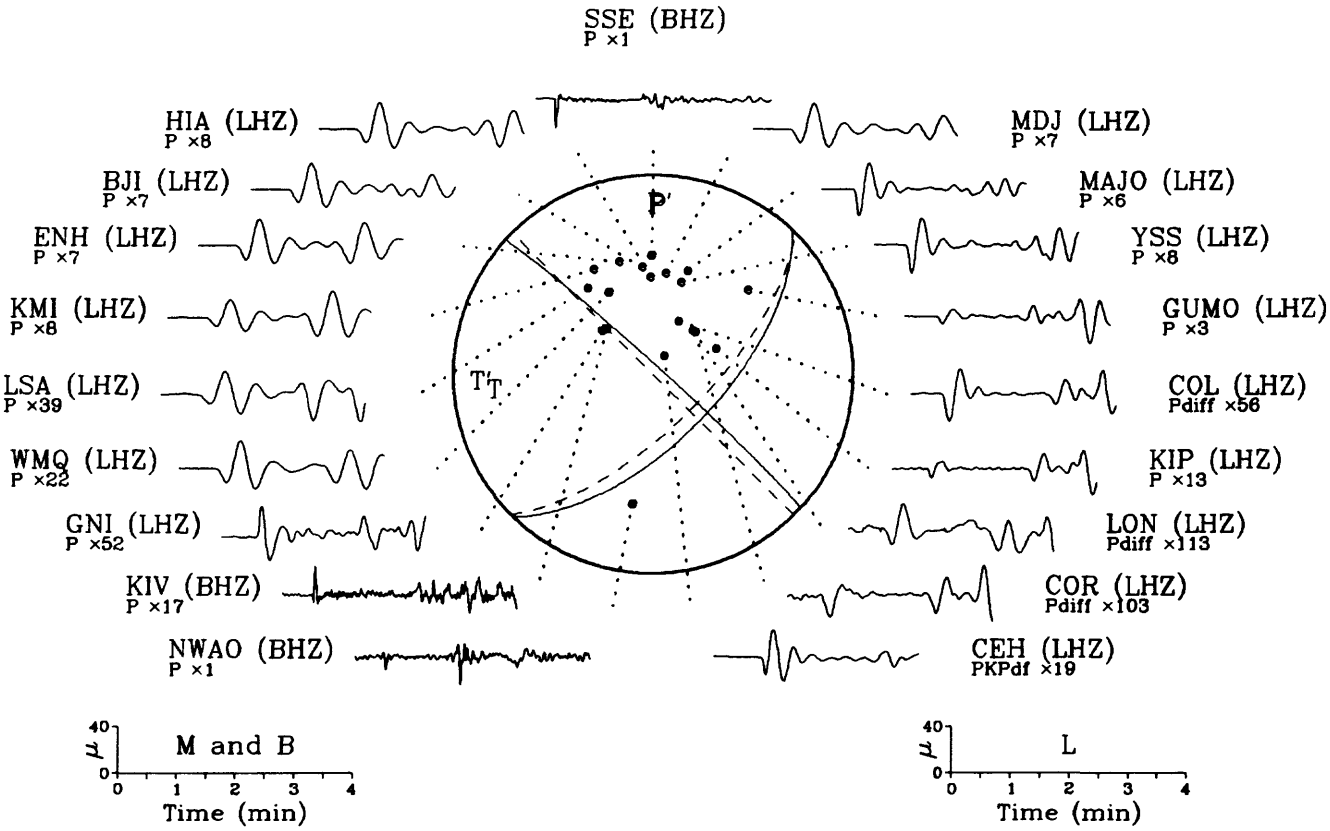
31 07 25 54.59  43.933N 106.949E  36km
  5.2mb ( 77 abs.)  4.9Msz ( 15 obs.)
  MONGOLIA
  CENTROID, MOMENT TENSOR    (HRV)
  Data Used: GDSN
  L.P.B.: 12S, 14C
  Centroid Location:
  Origin Time       07:25:55.6 0.8
  Lat 43.93N  FIX;Lon 106.92E  FIX
  Dep  23.4 8.2 Half-duration  1.0
  Principal Axes:
    Scale 10**17 Nm
    T  Val=  1.41  Plg=26  Azm=321
    N       -0.19      56       98
    P       -1.22      20      221
  Best Double Couple:Mo=1.3*10**17
   NP1:Strike=359 Dip=57 Slip= 175
   NP2:        92     86       33

31 11 14 23.80   1.355N 128.621E  76km
  5.1mb ( 25 abs.)
  HALMAHERA, INDONESIA
  CENTROID, MOMENT TENSOR    (HRV)
  Data Used: GDSN
  L.P.B.: 17S, 24C
  Centroid Location:
  Origin Time       11:14:21.2 1.0
  Lat  1.09N 0.12 Lon 128.46E 0.14
  Dep  66.710.4 Half-duration  0.9
  Principal Axes:
    Scale 10**16 Nm
    T  Val=  5.84  Plg=28  Azm= 47
    N       -0.62      59      259
    P       -5.23      14      145
  Best Double Couple:Mo=5.5*10**16
   NP1:Strike=189 Dip=60 Slip=  10
   NP2:        94     81      150

31 20 27 27.12  51.681N 176.050W  63km
  4.7mb ( 19 abs.)
  ANDREANOF ISLANDS, ALEUTIAN IS.
  CENTROID, MOMENT TENSOR    (HRV)
  Data Used: GDSN
  L.P.B.:  9S, 13C
  Centroid Location:
  Origin Time       20:27:25.9 2.4
  Lat 51.89N 0.30 Lon 176.31W 0.31
  Dep  73.718.8 Half-duration  0.6
  Principal Axes:
    Scale 10**16 Nm
    T  Val=  4.43  Plg=46  Azm=343
    N       -1.25       2      251
    P       -3.19      44      159
  Best Double Couple:Mo=3.8*10**16
   NP1:Strike=185 Dip= 3 Slip=  24
   NP2:        71     89       92
```

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

02 August 1992 12:03:20.35
Flores Sea



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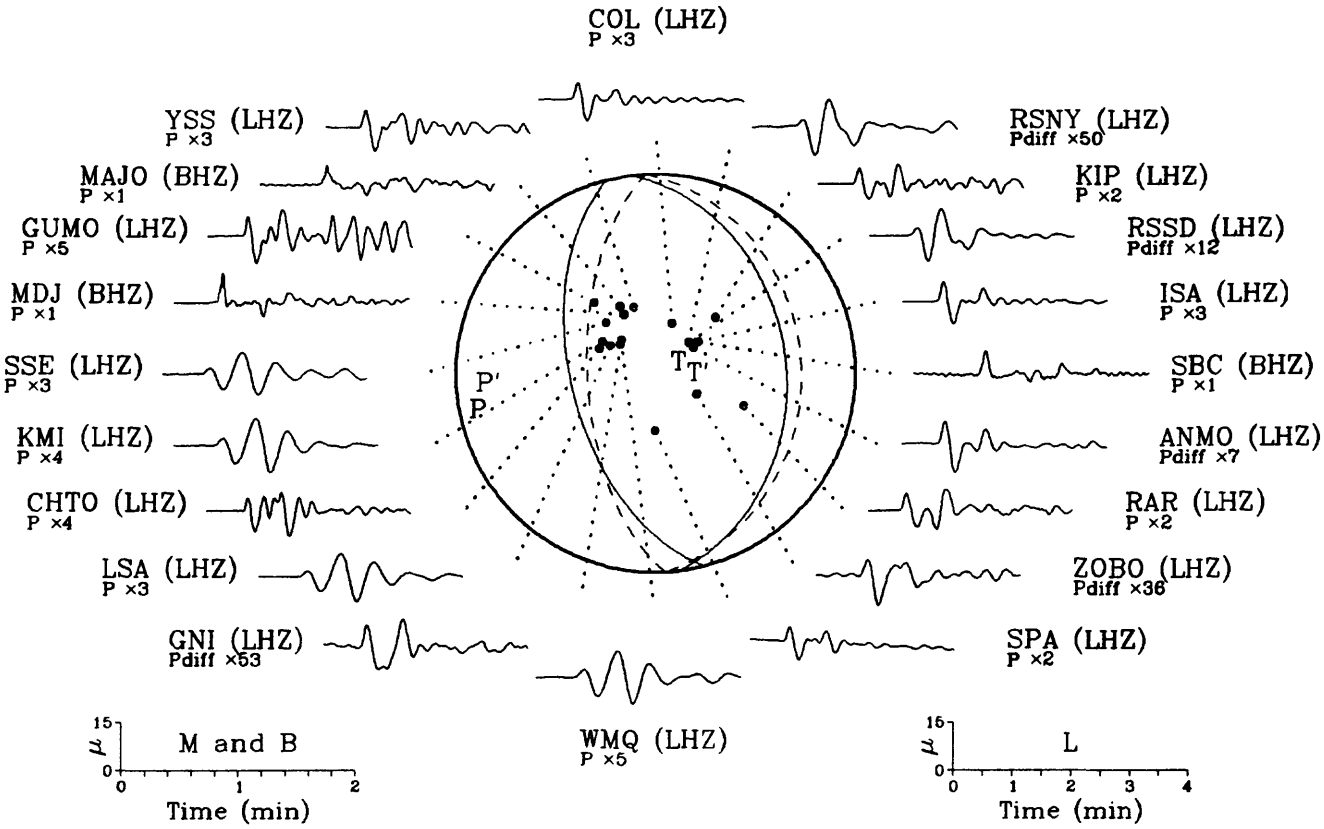
Santa Cruz Islands



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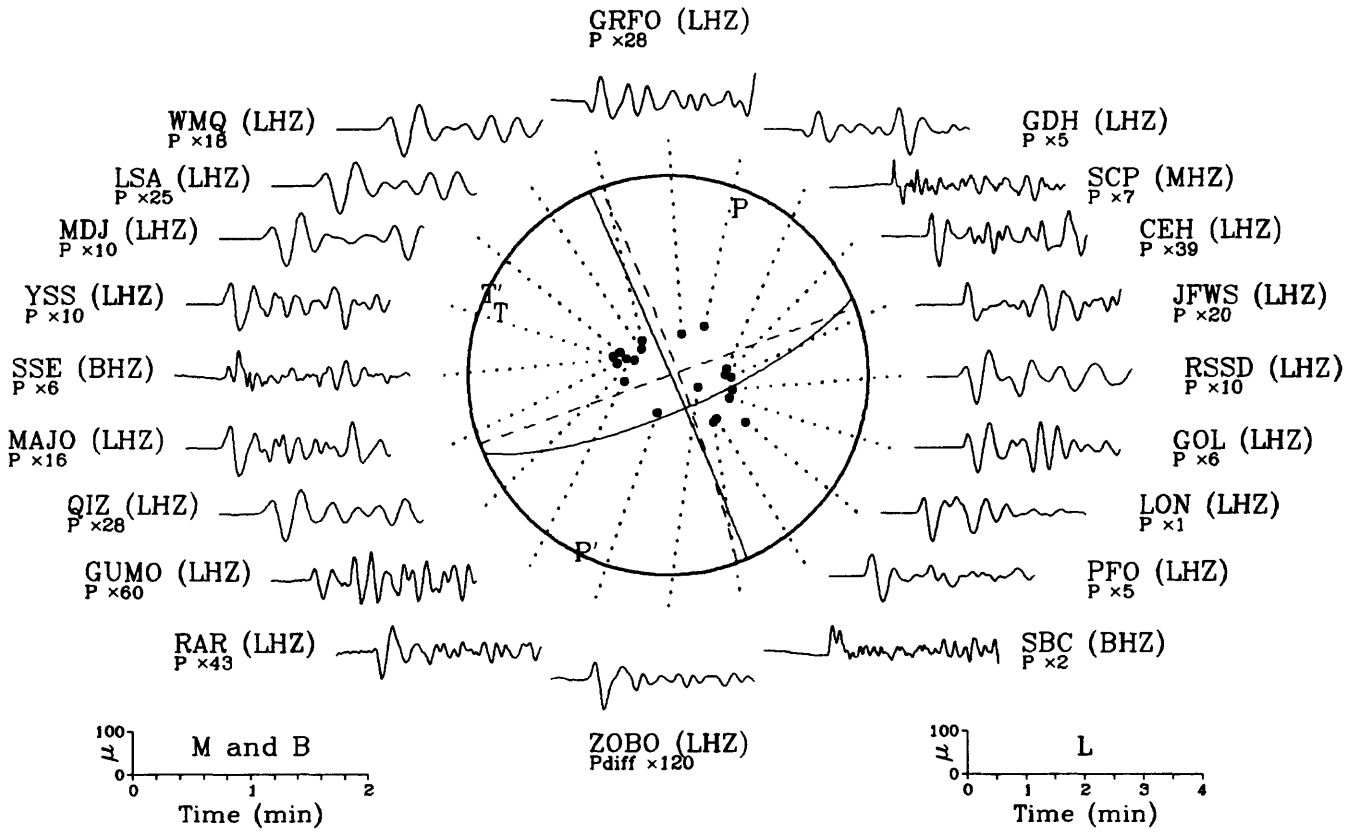
Gulf of Alaska



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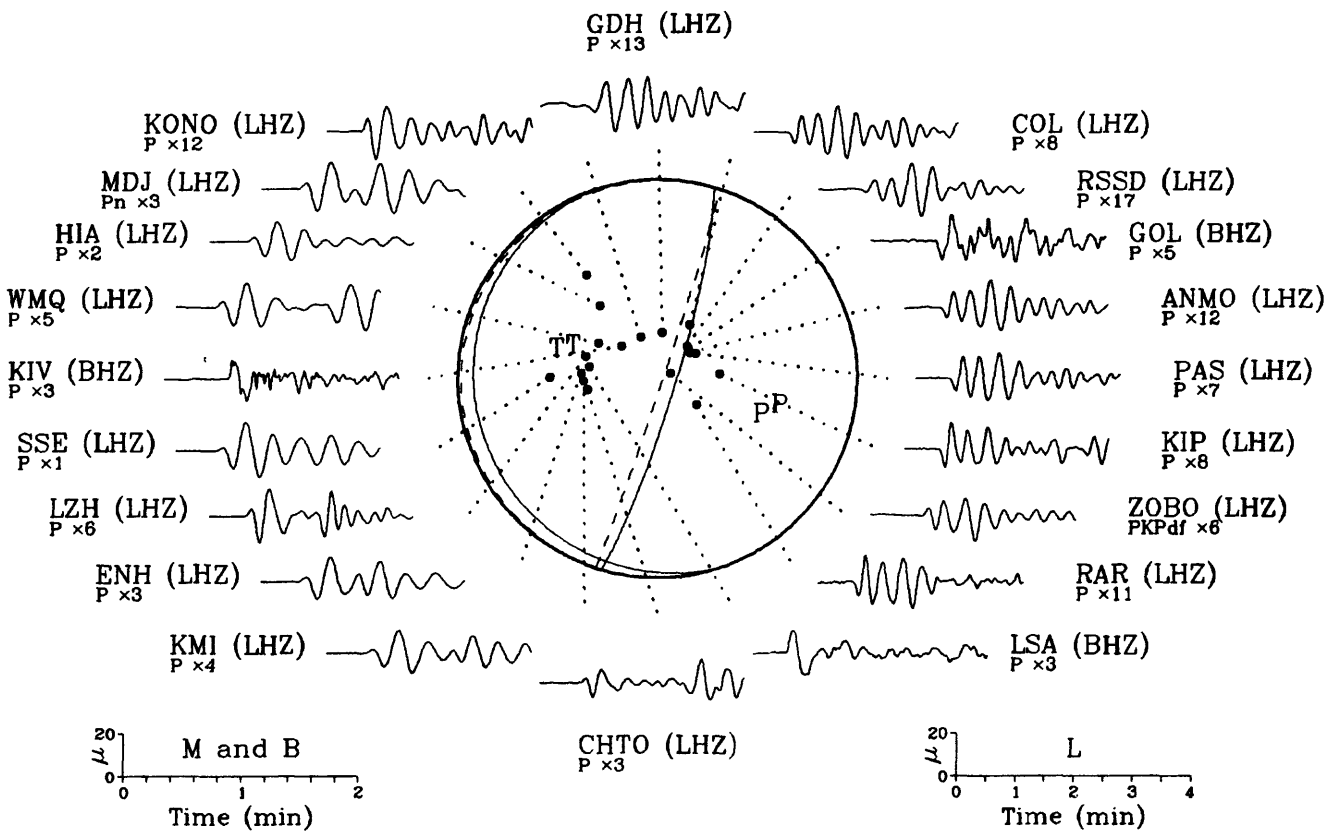
South of Honshu, Japan



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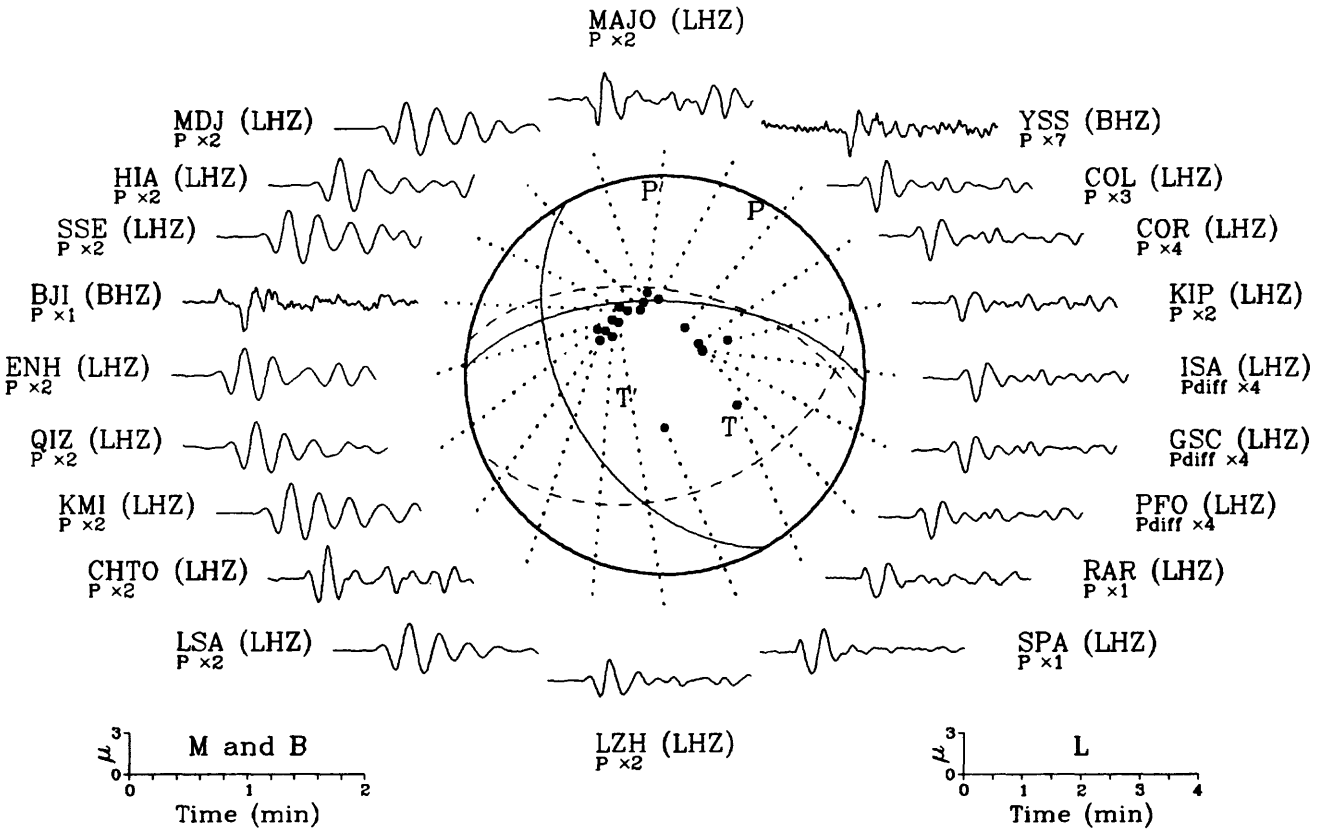
New Britain Region, P.N.G.



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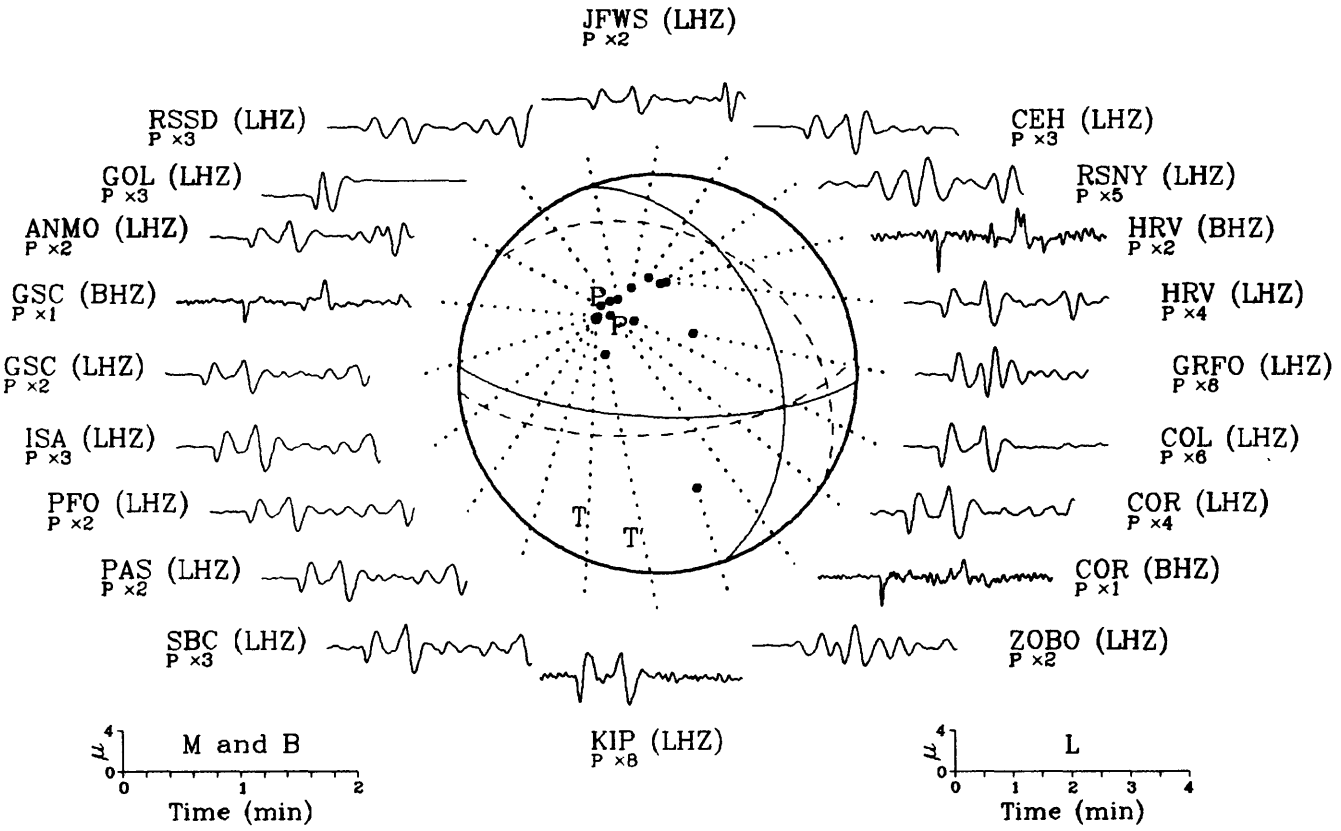
Colombia



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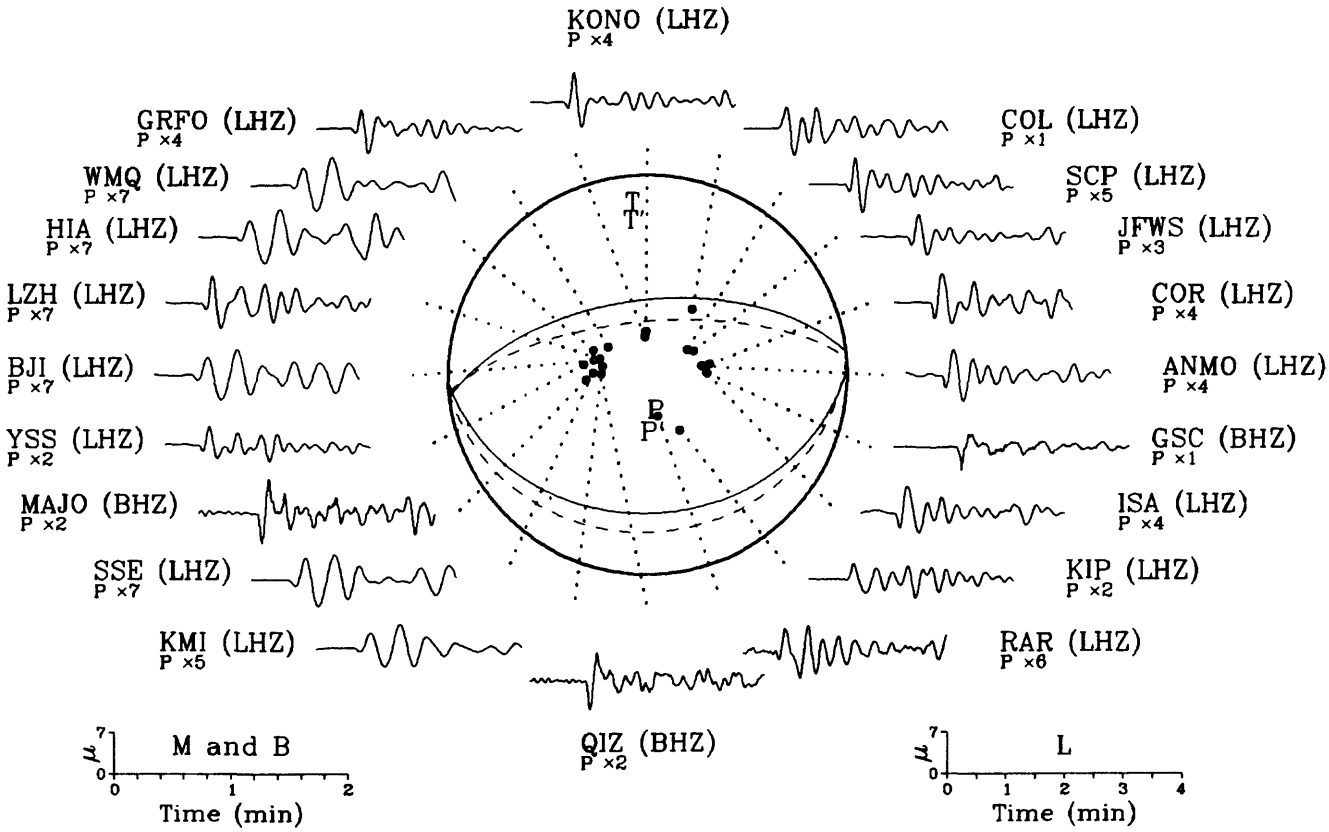

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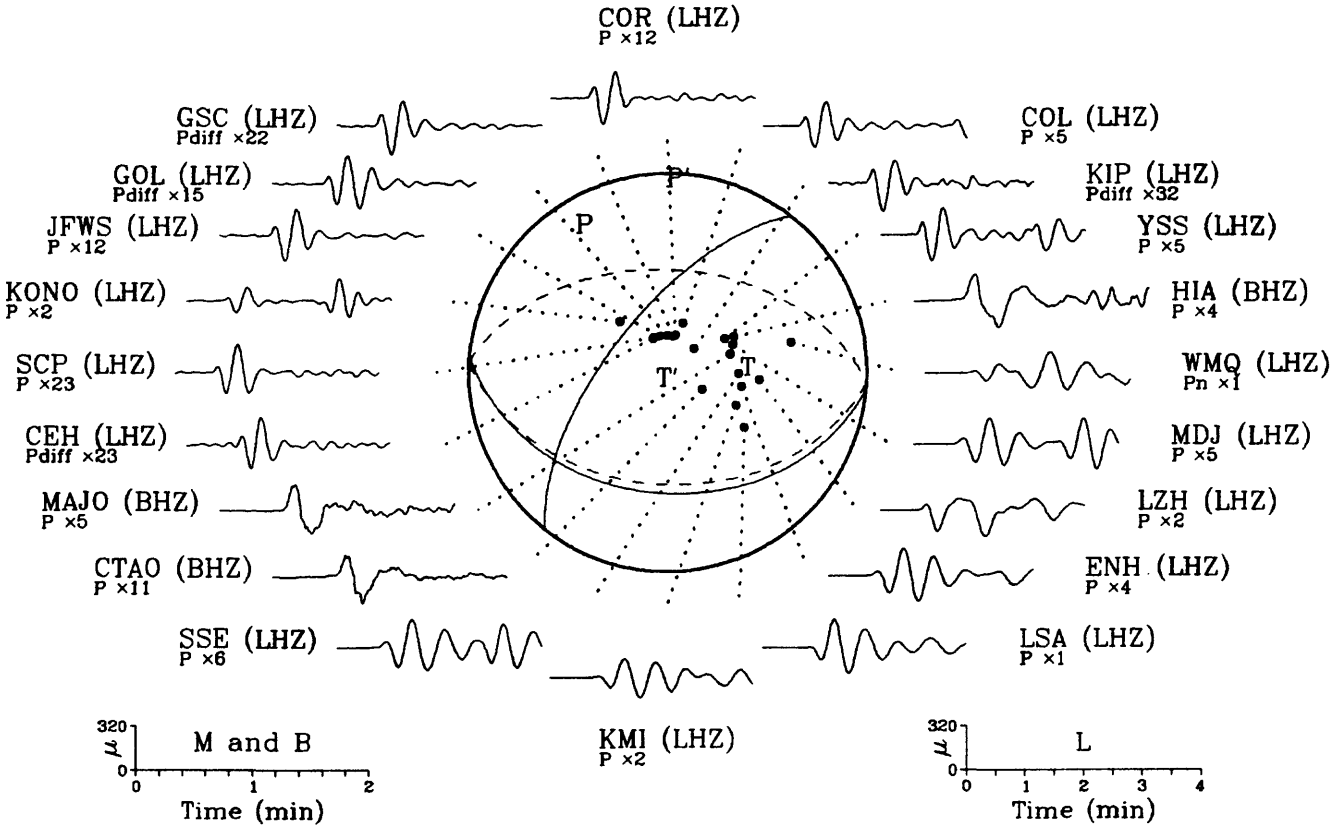

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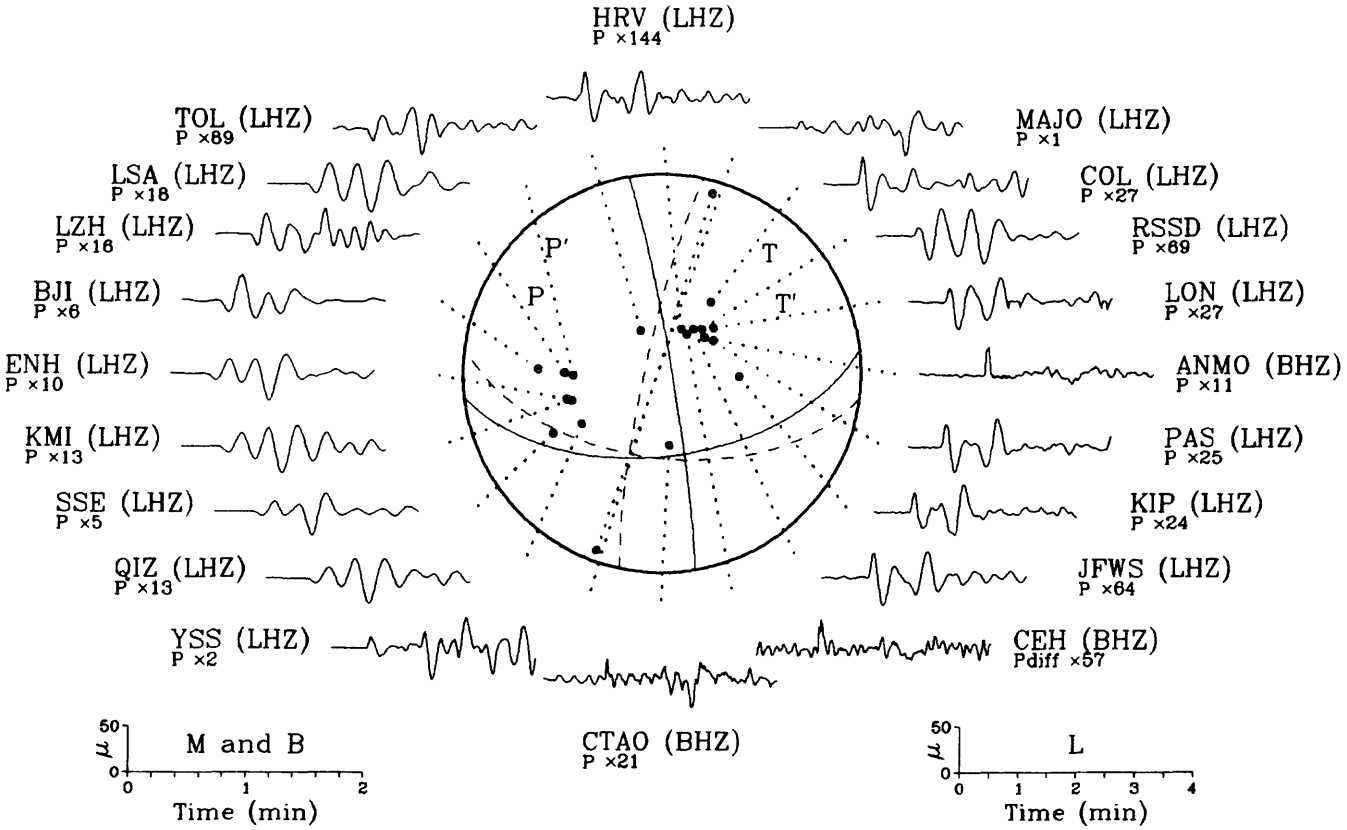
Hokkaido, Japan Region



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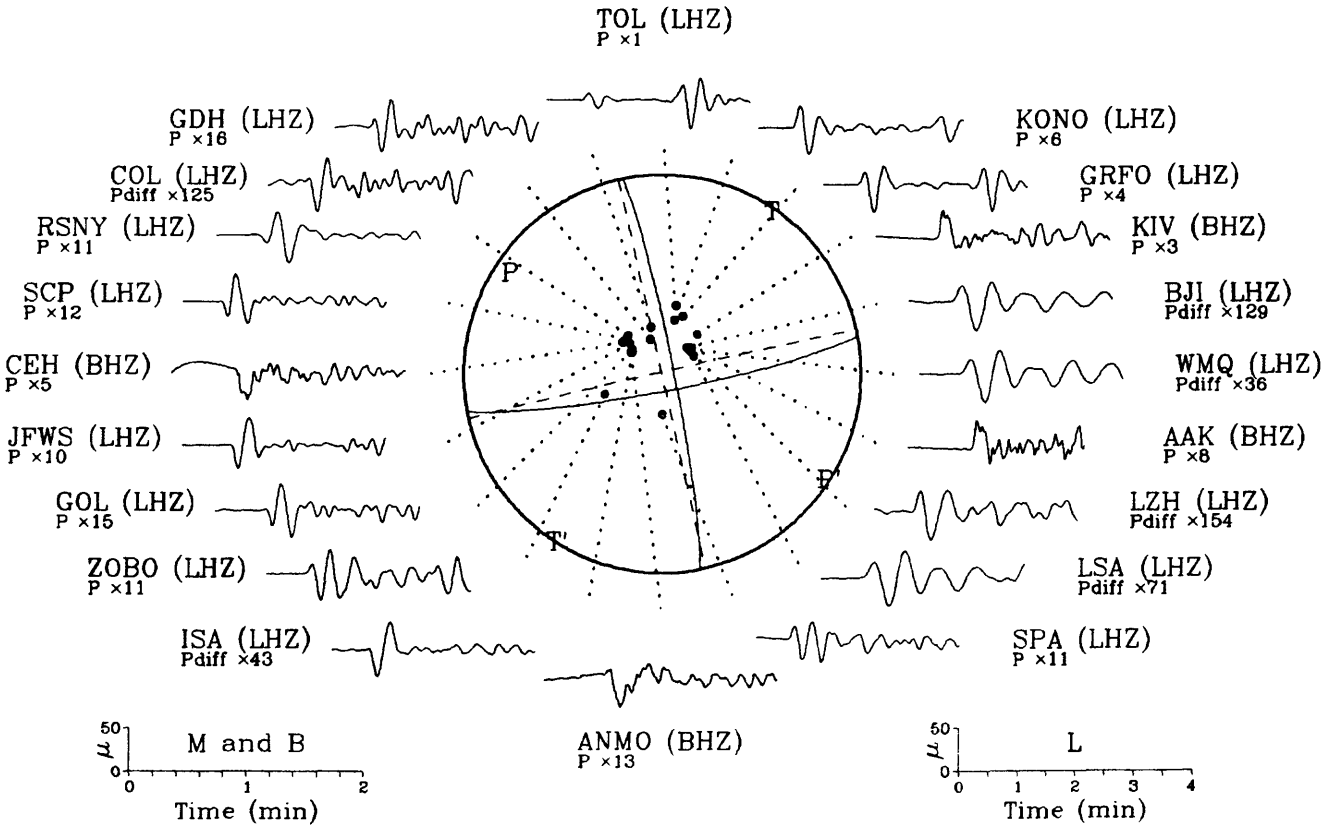

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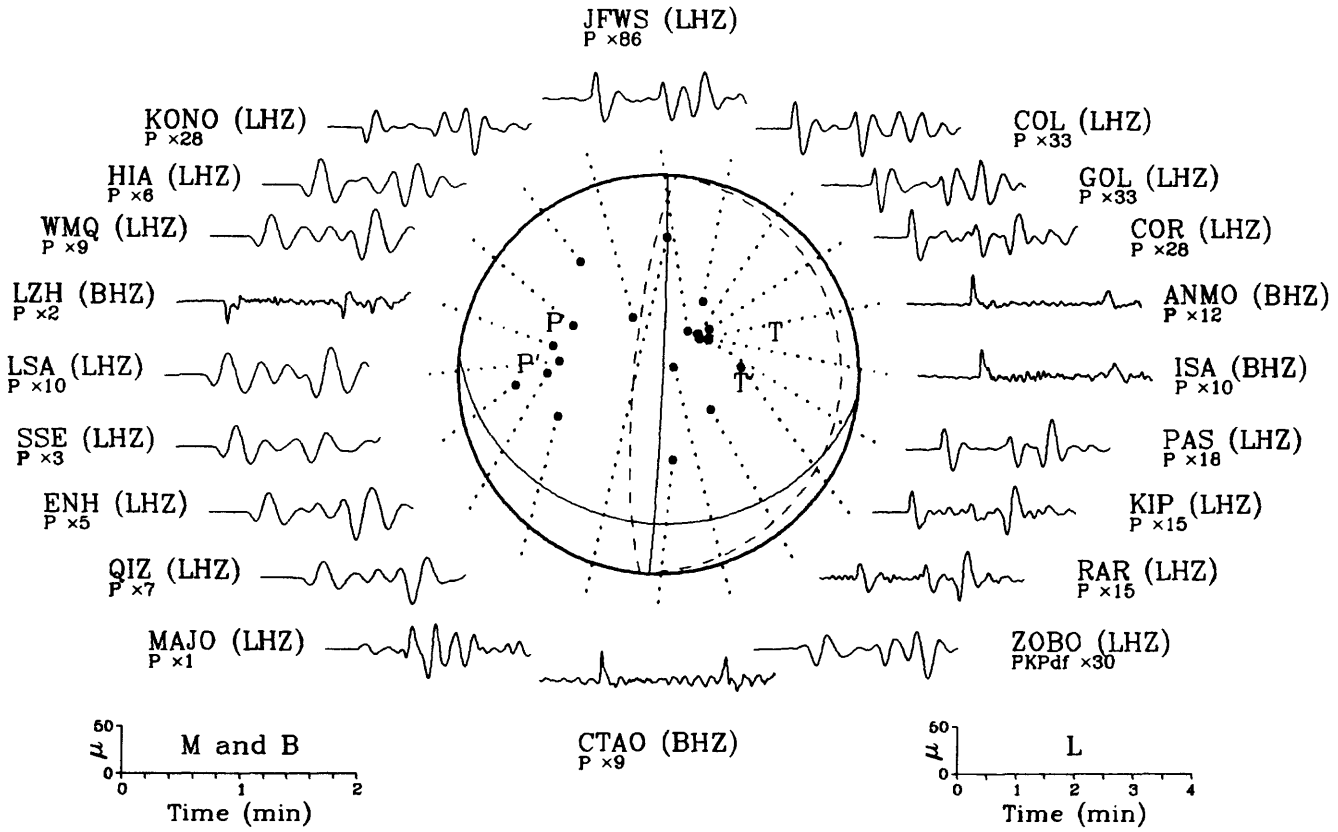
Near S. Coast of Honshu, Japan



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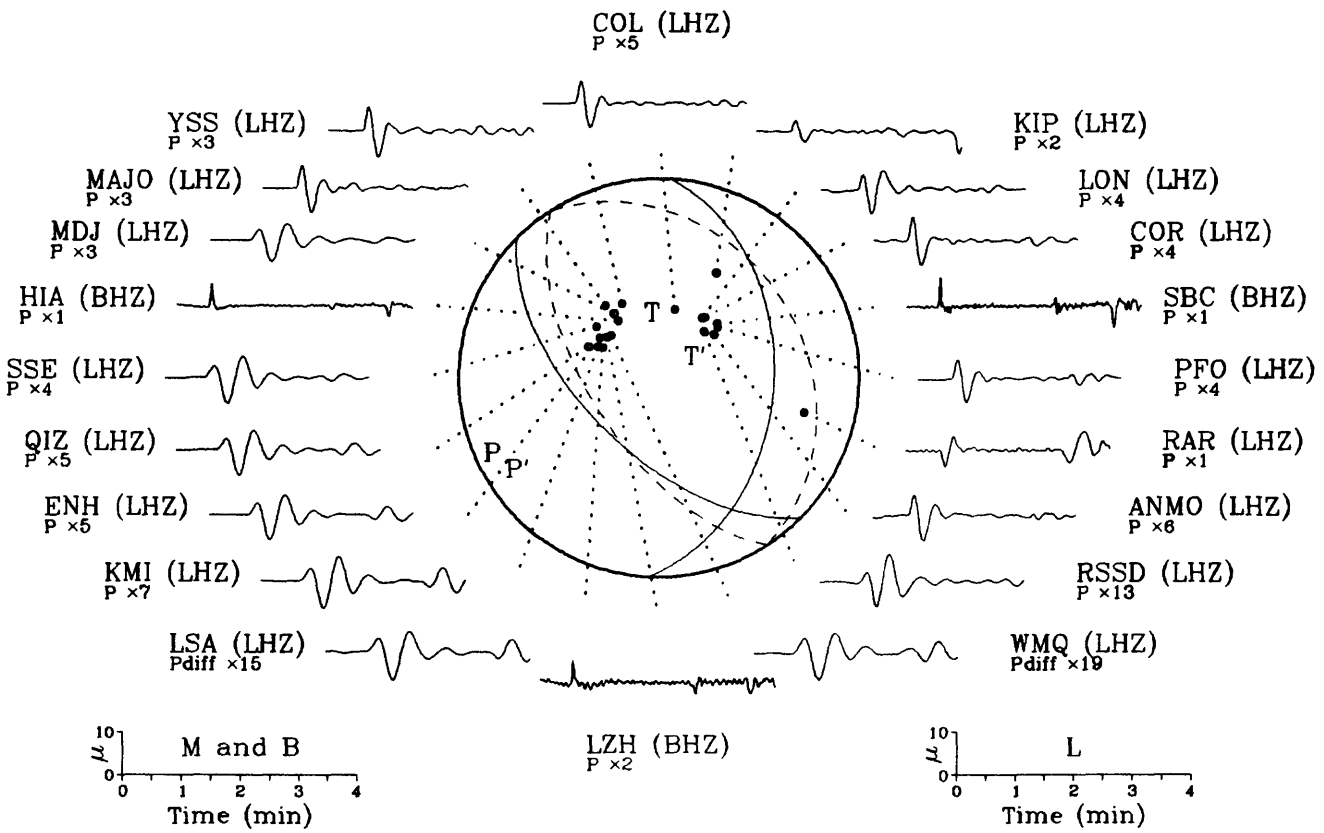
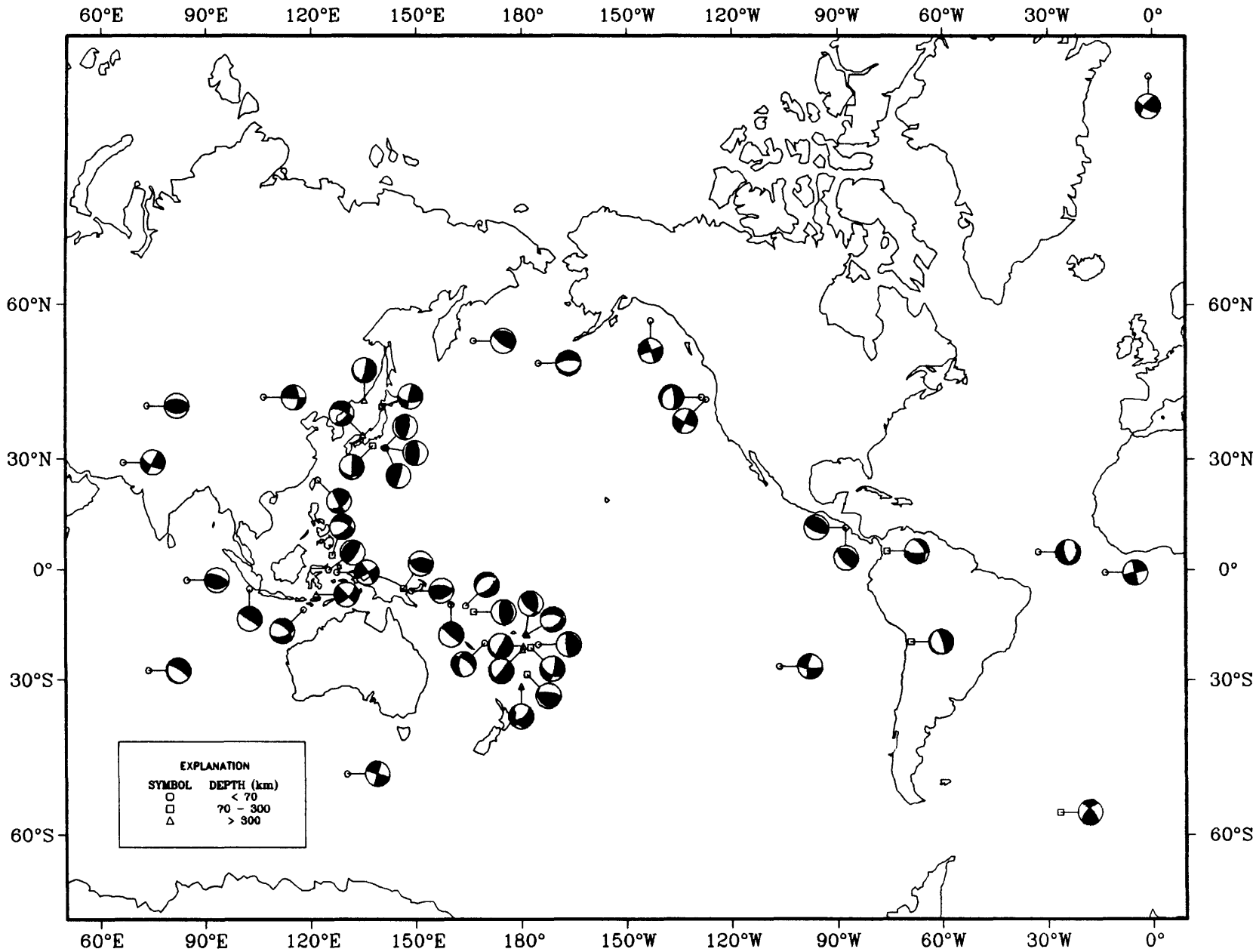
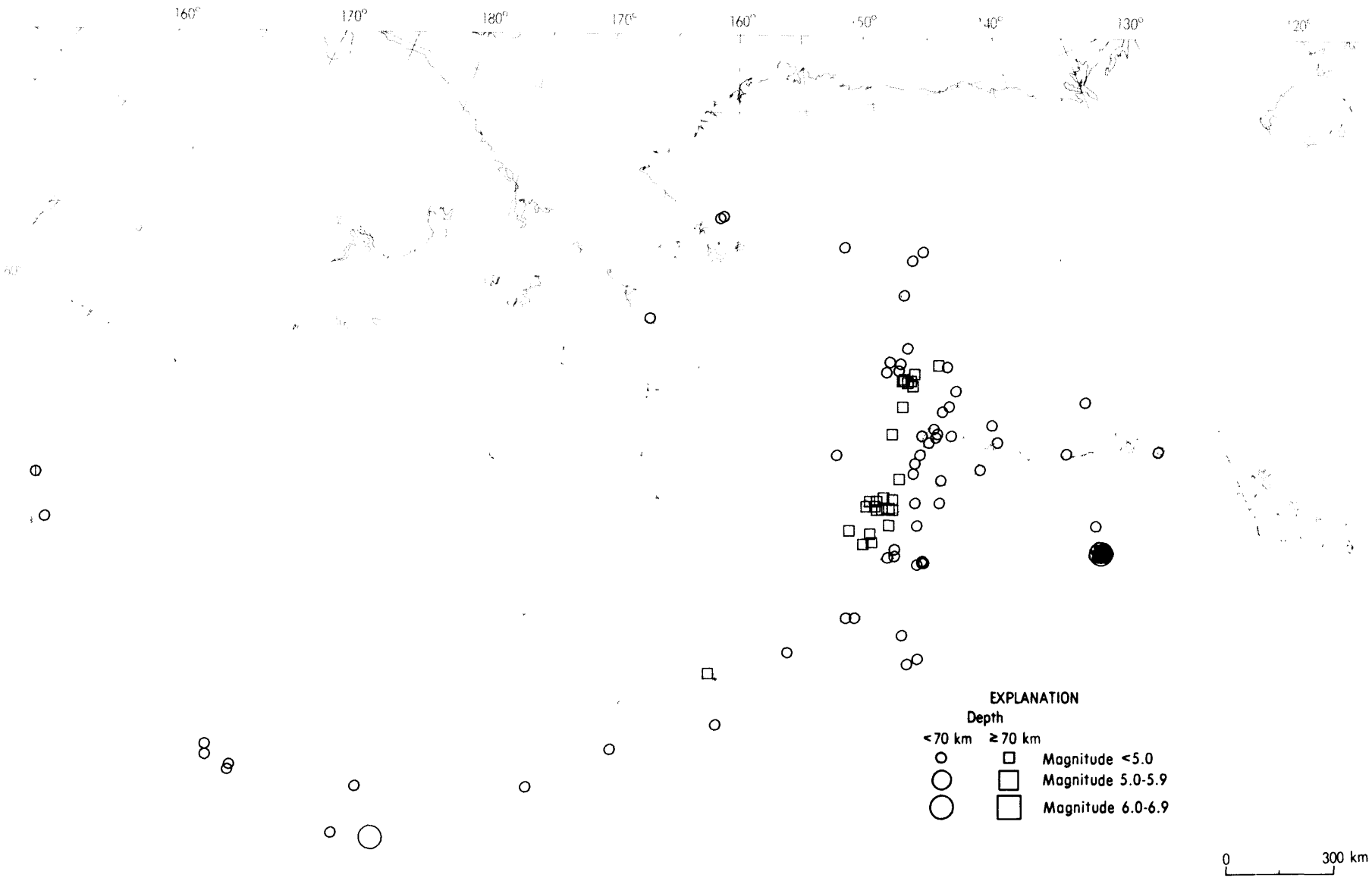
Fiji Islands Region

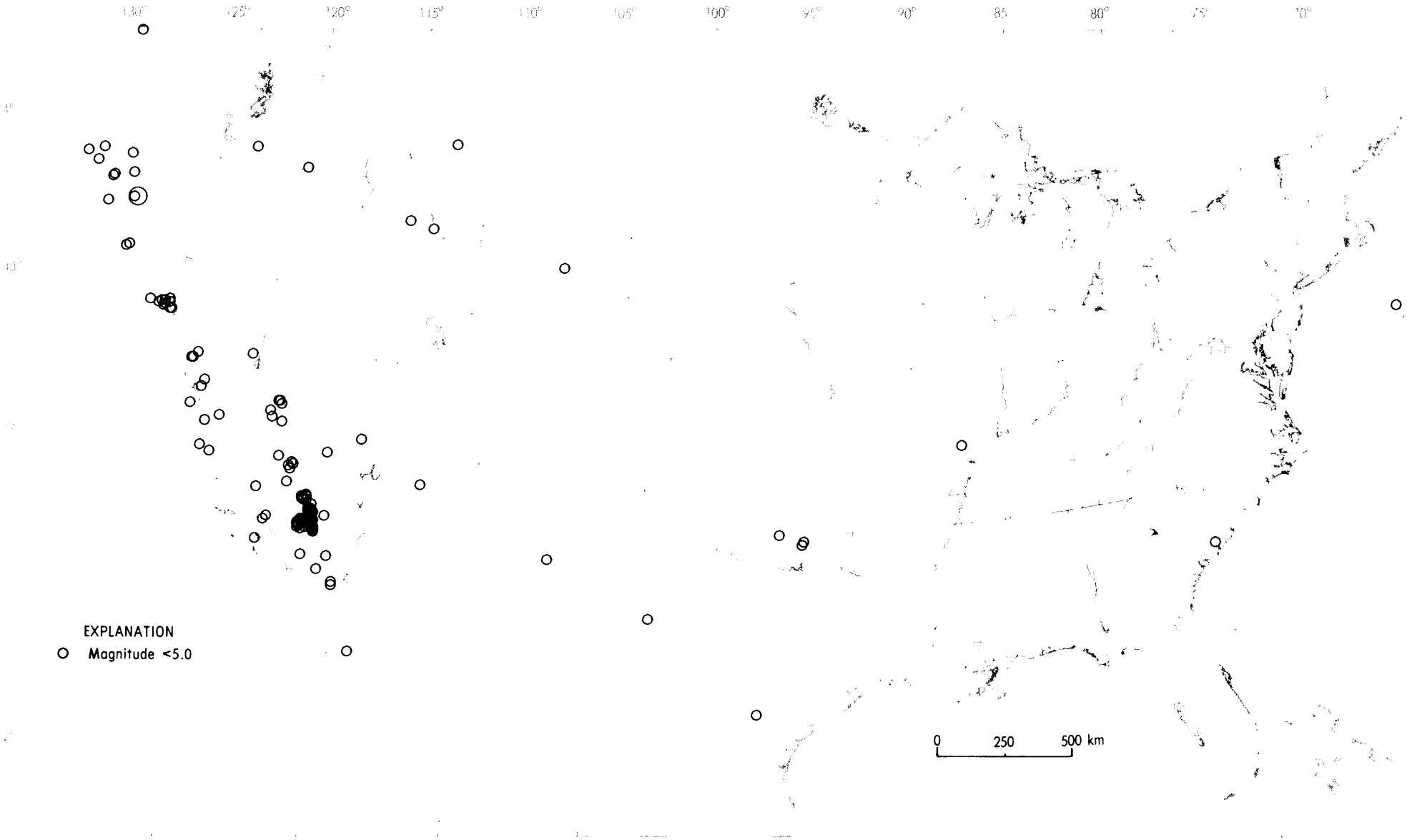


Earthquake Focal Mechanisms for August 1992

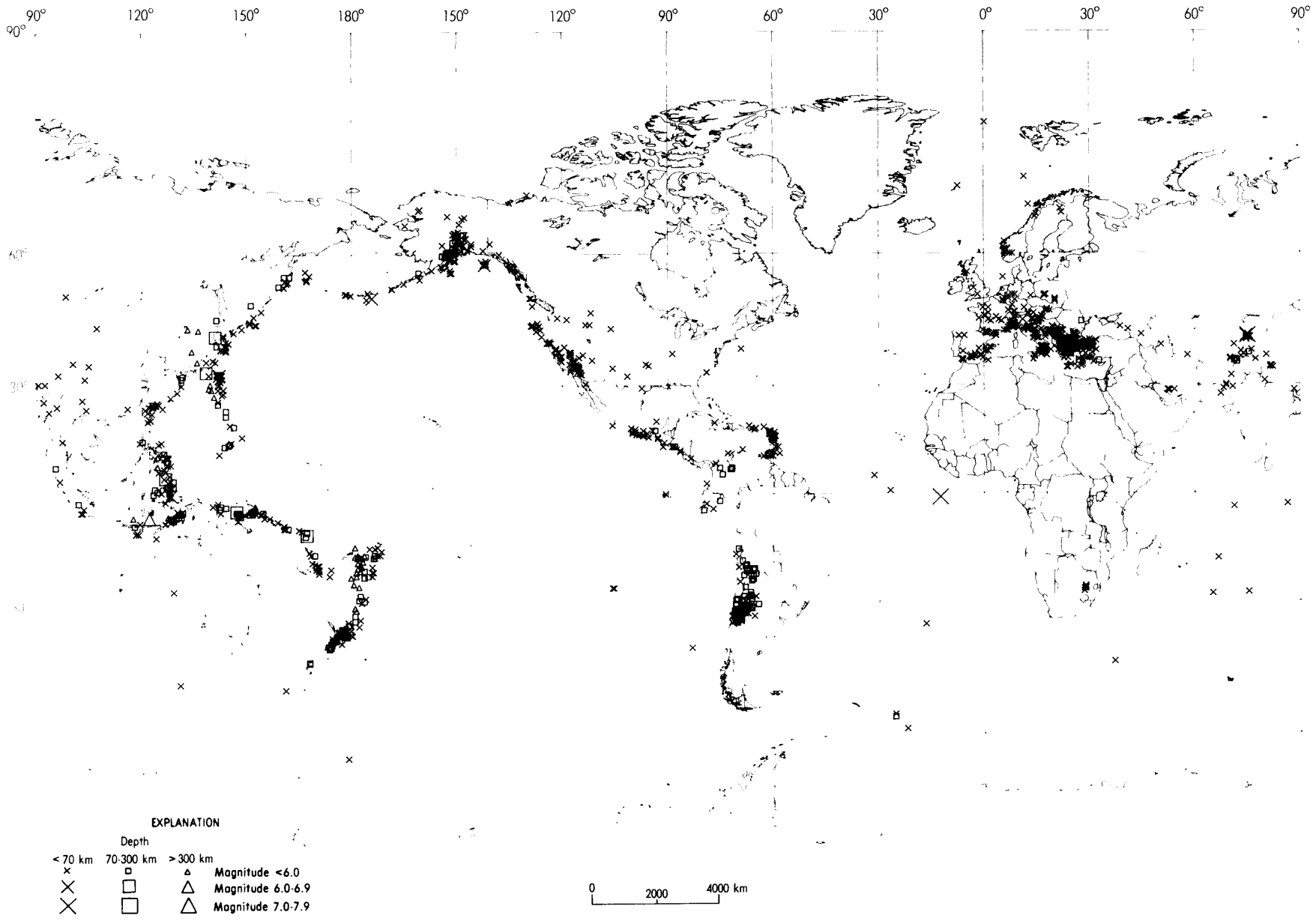




Earthquake epicenters in Alaska and adjacent regions for August, 1992 (C. Stover).



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



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

PRELIMINARY DETERMINATION OF EPICENTERS

MONTHLY LISTING

U.S. DEPARTMENT OF THE INTERIOR / GEOLOGICAL SURVEY

National Earthquake Information Center

SEPTEMBER 1992

K E Y	DAY	ORIGIN TIME UTC HR	MN	SEC	GEOGRAPHIC COORDINATES LAT		LONG		DEPTH	MAGNITUDES GS MB	Msz	SD	NO. STA USED	REGION, CONTRIBUTED MAGNITUDES AND COMMENTS
	01	03	41	59.4%	39.347	S	174.361	E	284 *			0.5	29	NORTH ISLAND, NEW ZEALAND
	01	04	45	40.4?	50.17	N	19.05	E	10 G			1.2	4	POLAND. ML 3.1 (WAR).
	01	06	33	49.2?	8.66	S	124.17	E	151 ?	4.5		0.3	6	TIMOR REGION, INDONESIA
	01	07	25	11.7%	39.206	N	27.592	E	10 G			0.1	5	TURKEY
	01	07	59	36.0	30.752	N	143.148	E	33 N	4.7	4.4	1.2	61	SOUTH OF HONSHU, JAPAN
	01	08	05	21.9&	48.125	N	128.315	W	10 G				58	VANCOUVER ISLAND REGION. <PGC-P>. ML 2.9 (PGC).
	01	08	08	53.9%	40.520	N	23.662	E	10 G			0.7	8	GREECE
	01	08	13	46.7*	34.717	N	81.318	E	10 G	4.6		1.2	11	XIZANG
	01	08	58	23.3	38.111	N	140.403	E	19	4.7		1.2	49	EASTERN HONSHU, JAPAN
	01	09	18	40.8?	39.32	N	29.59	E	10 G			0.1	5	TURKEY
	01	10	08	33.9%	40.143	N	29.419	E	10 G			1.0	7	TURKEY
	01	12	12	35.9?	39.26	N	27.75	E	29 *			0.7	6	TURKEY
	01	12	17	24.7&	34.599	N	116.322	W	0				20	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.9 (PAS), 3.7 (GS). Felt (IV) at La Quinta and (III) at Highland.
	01	12	44	19.8&	34.597	N	116.321	W	0				10	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	01	14	10	39.1	39.045	N	20.607	E	5 G			1.2	11	GREECE-ALBANIA BORDER REGION. MD 3.0 (ATH), 2.5 (THE).
	01	14	17	00.3	39.501	N	28.116	E	10 G			0.8	11	TURKEY
	01	14	30	44.1?	32.67	S	70.14	W	110 G			0.3	10	CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
	01	14	33	18.4&	62.309	N	151.090	W	78				52	CENTRAL ALASKA. <AEIC>.
	01	15	31	39.3%	44.369	N	7.327	E	10 G			0.4	6	NORTHERN ITALY. ML 1.7 (GEN).
	01	15	51	23.3%	26.899	S	26.790	E	5 G			0.9	5	REPUBLIC OF SOUTH AFRICA
	01	16	18	12.6	41.139	N	28.743	E	10 G			0.4	8	TURKEY
f	01	16	41	13.3	23.749	N	121.685	E	54 G	6.0		1.1	418	TAIWAN. Felt on much of Taiwan. Depth from broadband displacement seismograms.
	01	17	39	14.5	42.657	N	24.630	E	10 G			1.4	18	BULGARIA
	01	17	41	31.0*	31.605	S	69.696	W	140 G			0.7	12	SAN JUAN PROVINCE, ARGENTINA. MD 4.1 (SAN).
	01	17	47	31.8*	44.295	N	17.663	E	10 G			1.0	12	NORTHWESTERN BALKAN REGION. ML 2.8 (TTG).
	01	19	33	26.6?	45.68	N	26.78	E	130 G			0 5	5	ROMANIA
	01	20	38	36.2?	2.02	S	138.80	E	33 N	4.4		0.4	6	IRIAN JAYA, INDONESIA
	01	20	43	01.0%	43.223	N	20.788	E	10 G			1.2	10	NORTHWESTERN BALKAN REGION. ML 2.3 (TTG).
	01	21	00	59.3%	42.429	N	19.389	E	10 G			0.6	8	NORTHWESTERN BALKAN REGION. ML 1.6 (TTG).
	01	21	17	57.8&	34.266	N	116.769	W	3				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 2.7 (GS).
	01	22	07	50.7	38.184	N	28.458	E	10			0.7	36	TURKEY. MD 3.9 (ATH). Felt at Nozilli.
	01	22	08	14.4?	20.92	S	68.17	W	120 G			0.7	5	CHILE-BOLIVIA BORDER REGION
	01	22	13	29.4	39.323	N	23.678	E	20			0.7	18	AEGEAN SEA. ML 3.0 (ATH). MD 3.2 (THE).
	01	22	36	39 5?	18.81	S	70.99	W	261 ?			0.6	5	NEAR COAST OF NORTHERN CHILE
	01	22	38	45 8	35.104	N	110.750	E	5 G	4.5		1.2	13	SOUTHEASTERN CHINA. ML 4.4 (BJI).
	01	23	44	14 8%	39.107	N	23.313	E	10 G			0.5	7	AEGEAN SEA. MD 1.9 (THE).
f	02	00	16	01.6	11.742	N	87.340	W	45 G	5.3	7.2	1.3	212	NEAR COAST OF NICARAGUA. Ms 7.4 (BRK). Mo=3.2*10**20 Nm (PPT). At least 116 people killed, more than 68 missing and over 13,500 left homeless in Nicaragua. At least 1,300 houses and 185 fishing boats were destroyed along the west coast of Nicaragua. Total damage in Nicaragua is estimated at between 20 and 30 million U.S. dollars. Some damage was also reported in Costa Rica. Most of the casualties and damage were caused by a tsunami affecting the west coasts of Nicaragua and Costa Rica, reaching heights of up to 8 meters. Tsunami run-up of 1,000 meters was reported at Masachapa, Nicaragua. Maximum wave heights (in cm. peak-to-trough) at selected tide stations were as follows: 111 at Baltra Island, 83 at Easter Island, 28 at Socorro Island, 18 at La Libertad, Ecuador, 10 at Valparaiso, Chile and 10 at Hilo, Hawaii. Felt in Chinandega and Leon Departments, Nicaragua. Also felt at Crucera, Managua and San Marcos, Nicaragua and at San Jose, Costa Rica. Two events about 9 seconds apart. Depth from broadband displacement seismograms, based on second event.

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	02	00	18	15.6*	38.991	N	31.461	E	10	G		1.5	10	TURKEY
	02	00	21	05.5	11.175	N	87.440	W	10	G	5.5	1.0	103	NEAR COAST OF NICARAGUA
	02	00	28	17.9*	10.794	N	87.219	W	10	G	5.2	1.4	32	OFF COAST OF COSTA RICA
	02	00	31	00.0	11.960	N	87.931	W	10	G	5.5	1.3	71	NEAR COAST OF NICARAGUA
	02	00	44	47.6	42.398	N	19.438	E	10	G		0.5	10	NORTHWESTERN BALKAN REGION. ML 2.1 (TTG).
	02	00	46	06.2*	11.480	N	87.018	W	10	G	4.9	1 5	42	NEAR COAST OF NICARAGUA
	02	00	48	41.7&	34.327	N	116.459	W	3				11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 2.9 (GS). Felt (II) at Morongo Valley.
	02	00	50	29.3?	11.72	N	88.56	W	10	G	4.6	1.3	6	OFF COAST OF CENTRAL AMERICA
	02	00	53	10.5	39.998	N	20.639	E	10	G		0.7	16	GREECE-ALBANIA BORDER REGION. ML 2.8 (TIR). MD 2.5 (THE).
	02	00	56	28.0&	34.415	N	120.043	W	4				3	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	02	00	57	35.1	11.450	N	87.797	W	19	D	5.2	1.2	125	NEAR COAST OF NICARAGUA
	02	01	14	00.5*	11.872	N	87.347	W	10	G	4.5	1.3	37	NEAR COAST OF NICARAGUA
	02	01	14	05.4	10.782	N	86.642	W	10	G	4.8	1.2	74	OFF COAST OF COSTA RICA
	02	01	17	53.6	35.727	N	140.547	E	76		4.7	1.2	59	NEAR EAST COAST OF HONSHU, JAPAN
	02	01	20	54.2?	11.54	N	86.64	W	10	G		0.9	8	NEAR COAST OF NICARAGUA
	02	01	42	22.4	12.065	N	88.067	W	10	G	4.7	1.2	54	OFF COAST OF CENTRAL AMERICA
	02	01	42	39.9	11.948	N	87.882	W	10	G	5.4	1.2	135	NEAR COAST OF NICARAGUA
	02	01	48	32.3*	43.726	N	149.584	E	33	N	4.8	0.9	25	EAST OF KURIL ISLANDS
	02	01	49	50.0?	19.29	N	64.49	W	33	N		0.3	9	VIRGIN ISLANDS
	02	01	59	55.9*	11.150	N	86.727	W	10	G	4.3	1.3	21	NEAR COAST OF NICARAGUA
	02	02	04	18.6?	11.36	N	87.38	W	10	G		1.4	8	NEAR COAST OF NICARAGUA
	02	02	06	53.6	11.844	N	87.578	W	24	D	5.2 5.4	1.1	113	NEAR COAST OF NICARAGUA
	02	02	12	35.0	35.858	N	80.859	E	10	G	4.6	1.0	29	KASHMIR-XIZANG BORDER REGION
	02	02	15	59.7*	11.724	N	87.940	W	10	G	4.3	1.2	17	NEAR COAST OF NICARAGUA
	02	03	02	19.6*	11.431	N	86.925	W	10	G	4.4	1.2	26	NEAR COAST OF NICARAGUA
	02	03	09	42.1*	11.488	N	87.219	W	10	G	4.4	1.1	24	NEAR COAST OF NICARAGUA
	02	03	10	16.3	11.621	N	87.123	W	10	G	4.5	1.2	34	NEAR COAST OF NICARAGUA
	02	03	14	23.8*	27.804	N	103.023	E	10	G	4.2	1.4	10	YUNNAN, CHINA. ML 4.2 (BJI).
	02	03	18	26.4?	11.07	N	86.94	W	10	G	4.6	1.1	25	NEAR COAST OF NICARAGUA
	02	03	38	07.7	11.659	N	87.771	W	10	G	5.0 4.8	1.1	74	NEAR COAST OF NICARAGUA
	02	03	40	51.1*	10.567	N	86.329	W	10	G	4.9	1.2	26	OFF COAST OF COSTA RICA
	02	03	44	53.1*	11.494	N	87.336	W	10	G	4.4	1.2	18	NEAR COAST OF NICARAGUA
	02	03	53	47.4	12.056	N	87.756	W	10	G	4.8	1.3	51	NEAR COAST OF NICARAGUA
	02	03	59	39.4?	32.37	S	71.71	W	33	N		0.6	10	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
	02	04	22	20.7?	11.85	N	87.95	W	10	G		1.2	7	NEAR COAST OF NICARAGUA
	02	04	37	38.2*	11.530	N	87.418	W	10	G	4.6	1.1	26	NEAR COAST OF NICARAGUA
	02	04	46	51.7*	11.765	N	87.560	W	10	G	4.5	1.3	24	NEAR COAST OF NICARAGUA
	02	04	51	26.2?	10.85	N	87.14	W	10	G	4.5	1.1	7	OFF COAST OF COSTA RICA
	02	05	01	02.9*	11.501	N	86.841	W	10	G	4.6	1.2	37	NEAR COAST OF NICARAGUA
	02	05	48	35.8*	9.891	N	86.190	W	10	G	4.8	0.8	16	OFF COAST OF COSTA RICA
o	02	05	50	01.9	6.046	S	112.138	E	625	G	5.9	1.0	495	JAWA, INDONESIA. Felt at Jakarta. Depth from broadband displacement seismograms.
	02	05	59	37.3	11.248	N	86.615	W	10	G	4.4	1.0	47	NEAR COAST OF NICARAGUA
	02	06	34	23.1	39 653	N	143.710	E	33	D	4.7	0.7	23	OFF EAST COAST OF HONSHU, JAPAN
	02	06	38	59 6%	11 028	N	61.769	W	33	N		0.5	5	WINDWARD ISLANDS. MD 3.1 (TRN).
	02	06	40	31.9?	11 30	N	87.64	W	10	G	4.1	1.0	14	NEAR COAST OF NICARAGUA
	02	06	57	26.2?	34.06	N	25.08	E	10	G		0.4	5	CRETE. MD 4.2 (HLW).
	02	07	26	03.8?	10.90	N	86.43	W	10	G	4.4	1.1	14	OFF COAST OF COSTA RICA
	02	07	28	58.8	11.377	N	86.972	W	10	G	4.6	1.2	56	NEAR COAST OF NICARAGUA
	02	07	35	23.7&	40 282	N	124 585	W	5				11	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.2 (BRK). Felt (IV) at Honeydew. Felt in parts of Humboldt County.
	02	07	36	40.8&	40.280	N	124.548	W	11				11	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.1 (BRK). Felt in parts of Humboldt County.
	02	07	49	15.5	11.458	N	87 264	W	10	G	4.5	1.1	39	NEAR COAST OF NICARAGUA
	02	08	12	00.0*	11.665	N	87.685	W	10	G	4.5	0.9	28	NEAR COAST OF NICARAGUA
	02	08	27	23.7*	10.939	N	86.530	W	10	G	4.1	1.1	20	OFF COAST OF COSTA RICA
	02	08	27	51.9	11.601	N	87.087	W	10	G	5.0 4.9	1.2	113	NEAR COAST OF NICARAGUA
	02	08	29	14.7*	0.703	S	100.600	E	33	N	4.6	0.9	14	SOUTHERN SUMATERA, INDONESIA
	02	08	32	24.0*	11.623	N	87.228	W	10	G	4.7	1.3	48	NEAR COAST OF NICARAGUA
	02	08	59	49.8*	11.161	N	86.806	W	10	G	4.3	1.0	21	NEAR COAST OF NICARAGUA
	02	09	08	35.1%	44.795	N	6.728	E	10	G		0.4	5	FRANCE. ML 1.7 (GEN).
	02	09	13	59.1*	31.502	S	71.665	W	125	?		1.0	17	NEAR COAST OF CENTRAL CHILE. MD 4.3 (SAN).
	02	09	17	39.9	12.001	N	87.969	W	10	G	4.7	1.0	50	NEAR COAST OF NICARAGUA
	02	09	19	00.4	11.216	N	87.752	W	10	G	5.2 5.0	1.0	145	NEAR COAST OF NICARAGUA
	02	09	28	21.5&	34.116	N	116.990	W	6				11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 3.0 (GS). Felt (IV) at Highland and (II) at Redlands.
	02	09	35	03.2*	11.650	N	87.867	W	10	G	4.3	1.0	23	NEAR COAST OF NICARAGUA
	02	09	38	45.3%	43.273	N	18.770	E	10	G		0.2	5	NORTHWESTERN BALKAN REGION. ML 1.6 (TTG).
	02	09	43	43.6&	34.347	N	116.467	W	9				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	02	10	23	57.8	12.394	N	144.204	E	37	D	5.4 4.7	1.1	97	SOUTH OF MARIANA ISLANDS
o	02	10	26	20.9&	37.090	N	113.472	W	15		5.7 5.6		342	UTAH. <SLC-P>. ML 5.9 (SLC). Some damage (VI) at Cedar City, Hurricane, Kanab, New Harmony, Santa Clara, Springdale, St. George, Toquerville, Virgin and Washington. The earthquake triggered a large landslide which destroyed three houses at Springdale. Felt (V) at Glendale, Gunlock, Hatch, Kanarraville, La Verkin, Orderville, Panguitch and Rockville; (IV) at Alton, Beaver, Beryl, Brian Head, Bryce, Circleville, Enterprise, Escalante, Junction, Milford, Minersville, Modena, Mt. Carmel, Newcastle, Parowan, Richfield and Tropic. Felt (V) at Fredonia and Grand Canyon, Arizona. Felt (IV) at Bunkerville, Caliente, Logandale, Panaca and Pioche, Nevada. Also felt (IV) at Littlefield, Arizona. Felt throughout much of southwestern Utah, northwestern Arizona and southeastern Nevada as far north as Richfield, Utah and as far south as Flagstaff, Arizona. Felt west as far as Caliente and Pioche, Nevada and southwest to the Las Vegas, Nevada area.
	02	10	51	52.0?	33.91	S	149.46	E	10	G		0.7	4	NEW SOUTH WALES, AUSTRALIA
	02	11	03	24.5*	7.169	N	127.390	E	33	N	4.7	0.9	11	PHILIPPINE ISLANDS REGION
	02	11	08	08.5	11.585	N	87.851	W	10	G	5.1 4.6	1.1	142	NEAR COAST OF NICARAGUA

	02	11	17	41.8	41.684	N	22.323	E	10	G			0.7	7	NORTHWESTERN BALKAN REGION. MD 2.3 (THE).
	02	11	19	16.0?	11.23	N	87.64	W	10	G	4.4		1.3	12	NEAR COAST OF NICARAGUA
	02	11	33	51.6*	11.041	N	86.517	W	10	G	4.6		1.3	32	NEAR COAST OF NICARAGUA
	02	11	57	39.7?	39.20	N	27.10	E	10	G			1.1	5	TURKEY
	02	12	25	04.9*	11.368	N	86.980	W	10	G	4.4		1.3	35	NEAR COAST OF NICARAGUA
	02	12	32	13.6?	42.63	N	23.84	E	10	G			1.1	5	BULGARIA. MD 2.8 (THE).
	02	12	53	09.1?	11.09	N	87.36	W	10	G	4.3		1.1	17	NEAR COAST OF NICARAGUA
	02	13	02	22.3&	60.103	N	152.861	W	103					50	SOUTHERN ALASKA. <AEIC>.
	02	13	10	32 9&	59.907	N	153.540	W	140					49	SOUTHERN ALASKA. <AEIC>.
	02	13	20	54.3?	10.84	N	86.65	W	33	N	4.8		1.0	17	OFF COAST OF COSTA RICA
	02	13	37	13.2?	34.43	N	26.76	E	33	N			0.6	6	CRETE. MD 4.3 (ATH).
	02	13	39	24.8	11.452	N	87.174	W	10	G	4.5		1.2	61	NEAR COAST OF NICARAGUA
	02	14	28	10.9*	11.003	N	86.551	W	10	G	4.6	4.3	1.2	38	NEAR COAST OF NICARAGUA
	02	14	38	22.2*	12.174	N	88.192	W	10	G	4.5		1.2	26	OFF COAST OF CENTRAL AMERICA
	02	14	46	29.3?	43.91	N	6.22	E	10	G			0.1	4	NEAR SOUTH COAST OF FRANCE. ML 2.2 (LDG).
	02	15	27	57.2?	14.00	N	91.64	W	54	D	4.2		1.4	16	GUATEMALA
	02	15	36	59.2*	36.291	N	31.184	E	10	G			1.0	8	TURKEY. ML 4.0 (CSS).
	02	15	48	50.3&	60.523	N	152.690	W	8					43	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	02	15	56	25.1	54.467	N	166.532	E	31	D	4.6	4.1	0.9	53	KOMANDORSKY ISLANDS REGION
	02	16	09	30.1?	10.09	N	84.75	W	10	G	4.3		1.3	8	COSTA RICA. Felt in much of Costa Rico.
	02	16	23	40.9	11.328	N	86.719	W	10	G	4.7	4.1	1.1	52	NEAR COAST OF NICARAGUA
a	02	16	50	45.4	10.441	N	86.840	W	B	D	5.4	5.4	1.3	222	OFF COAST OF COSTA RICA. Mo=1.3*10**18 Nm (PPT). Felt in much of Costa Rica.
	02	17	11	45.4*	11.515	N	87.207	W	10	G	4.7		1.4	22	NEAR COAST OF NICARAGUA
	02	17	12	24.7*	11.254	N	87.586	W	10	G	4.7	4.4	1.1	21	NEAR COAST OF NICARAGUA
	02	18	17	46.7*	31.494	S	69.583	W	150	G			0.7	13	SAN JUAN PROVINCE, ARGENTINA. MD 4.1 (SAN). Felt (III) at San Juan.
a	02	18	28	56.5	11.302	N	86.725	W	10	G	5.2	5.9	1.2	226	NEAR COAST OF NICARAGUA. Mo=5.0*10**17 Nm (PPT).
	02	19	00	53.2*	11.087	N	86.702	W	10	G	4.6		1.0	17	NEAR COAST OF NICARAGUA
	02	19	55	08.4?	24.22	S	179.58	W	537	?	4.7		0.5	13	SOUTH OF FIJI ISLANDS
	02	20	16	14.8?	12.31	N	88.33	W	33	N	4.5		0.6	10	OFF COAST OF CENTRAL AMERICA
	02	20	29	43.3*	12.024	N	87.842	W	10	G	5.1	4.0	1.3	21	NEAR COAST OF NICARAGUA
a	02	21	27	04.7	3.259	S	139.835	E	61	D	5.3		1.1	80	IRIAN JAYA, INDONESIA
	02	22	37	28.8	12.434	S	70.996	W	28	*	5.1		1.1	59	CENTRAL PERU
	02	23	00	54.4*	20.744	S	178.395	W	581	*	4.9		1.0	24	FIJI ISLANDS REGION
	02	23	41	07.6*	11.720	N	87.349	W	10	G	4.6		1.5	28	NEAR COAST OF NICARAGUA
	03	00	58	38.3	34.660	N	80.122	E	33	N	4.8	5.2	1.1	55	XIZANG
	03	01	30	10.0*	10.742	N	86.507	W	33	N	4.3		0.8	18	OFF COAST OF COSTA RICA
	03	01	57	48.4	49 155	N	6.915	E	10	G			1.0	21	GERMANY. ML 2.7 (STR).
	03	02	12	34.1%	45.600	N	0.625	E	10	G			0.8	9	FRANCE. ML 2.0 (LDG).
	03	02	39	31.9?	37.11	N	28.95	E	10	G			0.9	5	TURKEY
	03	02	46	39.6*	12.236	N	88.335	W	10	G	4.4	3.3	1.3	30	OFF COAST OF CENTRAL AMERICA
	03	02	50	10.6&	52 546	N	132.973	W	10	G				7	QUEEN CHARLOTTE ISLANDS REGION. <PGC-P>. ML 3.3 (PGC).
	03	03	02	50.2%	18.111	N	66.976	W	10	G			0.8	7	PUERTO RICO REGION
	03	03	12	26.2	41.686	N	2.313	E	31				1.1	16	SPAIN. ML 3.0 (LDG). mbLg 3.5 (MDD).
	03	03	22	15.4	41.998	N	20.175	E	10	G			0.9	61	ALBANIA ML 3.5 (TTG), 3.3 (TIR). MD 3.6 (ATH), 3.3 (THE).
	03	03	40	38 7%	40.574	N	23.906	E	10	G			0.7	5	GREECE. MD 2.2 (THE).
	03	04	11	35.4	3.461	S	138.868	E	10	G	4.7	3.9	1.2	28	IRIAN JAYA, INDONESIA
	03	05	23	33.2*	11.899	N	88.103	W	33	N	4.7	3.9	1.2	42	OFF COAST OF CENTRAL AMERICA
	03	06	04	24.6*	11.942	N	87.084	W	10	G	4.6	3.7	1.2	36	NEAR COAST OF NICARAGUA
	03	06	05	19.6*	38 125	N	21.739	E	10	G			1.4	6	GREECE. ML 3.2 (ATH).
	03	06	17	38.4&	34.372	N	116.441	W	4					11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.8 (PAS), 3.5 (GS). Felt (III) at La Quinta and (II) at Morongo Valley.
	03	06	48	00.1&	34.112	N	116.982	W	4					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	03	06	59	22.1*	10.578	N	86.043	W	33	N	4.7	3.8	1.2	9	OFF COAST OF COSTA RICA
	03	07	29	46.5*	30.355	N	81.982	E	10	G			1.0	7	XIZANG
	03	07	51	22.1	11.518	N	87.050	W	10	G	4.8	4.1	1.2	100	NEAR COAST OF NICARAGUA
	03	08	06	26.4*	10.945	N	86.783	W	10	G	4.5		1.2	26	OFF COAST OF COSTA RICA
	03	09	43	24.7%	36.522	N	4.416	W	105	*			0.5	13	STRAIT OF GIBRALTAR. mbLg 3.9 (MDD).
	03	10	12	11.0?	4.13	S	133.36	E	33	N	4.6		1.5	8	IRIAN JAYA REGION, INDONESIA
	03	10	38	24.4%	37.015	N	15.191	E	10	G			0.4	7	SICILY
	03	11	24	14.9*	11.470	N	87.156	W	10	G	4.4	3.4	1.1	47	NEAR COAST OF NICARAGUA
	03	12	23	45.7	3.243	S	143.817	E	40	*	5.0	4.3	1.0	43	NEAR N COAST OF NEW GUINEA, PNG.
	03	12	37	21.2*	10.262	N	87.605	W	10	G	4.4		1.2	14	OFF COAST OF COSTA RICA
	03	13	28	40.8*	33.716	S	70.049	W	120	G			0.6	11	CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
	03	13	33	04.2*	12.004	N	88.135	W	10	G	4.7		1.1	38	OFF COAST OF CENTRAL AMERICA
	03	13	35	51.5*	12.031	N	87.974	W	10	G	4.7	4.0	1.0	31	NEAR COAST OF NICARAGUA
	03	13	42	07.9&	50.556	N	130.193	W	10	G	4.2			78	VANCOUVER ISLAND REGION. <PGC-P>. ML 4.3 (PGC).
	03	13	42	54.9%	40.675	N	23.093	E	10	G			0.4	7	GREECE. MD 2.1 (THE).
	03	15	32	32.5	39.367	N	22.068	E	10	G			1.0	25	GREECE. ML 3.4 (ATH). MD 3.1 (THE).
	03	17	09	20.4*	27.347	N	34.584	E	10	G	3.9		1.2	7	RED SEA. MD 4.4 (RYD), 4.2 (HLW).
	03	17	10	31.5%	43.554	N	2.969	E	10	G			1.1	7	FRANCE. ML 2.5 (LDG).
	03	17	34	17.6*	46.175	N	7.743	E	10	G			1.0	12	SWITZERLAND
	03	19	29	57.9?	11.02	N	87.01	W	10	G	4.3		0.9	18	NEAR COAST OF NICARAGUA
	03	21	19	47.5&	34.117	N	116.987	W	4					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	03	22	18	57.2?	12.12	N	88.14	W	33	N	4.6		1.2	21	OFF COAST OF CENTRAL AMERICA
	03	22	23	21.5*	16.843	S	74.047	W	44	*	5.0		1.4	13	NEAR COAST OF PERU
	03	23	21	39.2?	5.89	S	146.85	E	152	?	3.8		1.4	5	EASTERN NEW GUINEA REG., P.N.G.
	04	00	02	38.7?	41.97	N	23.22	E	10	G			0.2	6	GREECE-BULGARIA BORDER REGION. MD 2.4 (THE).
a	04	00	21	21.2	11.468	N	87.880	W	10	G	5.1	4.4	1.1	155	NEAR COAST OF NICARAGUA
	04	00	36	59.5*	45.024	N	6.765	E	10	G			0.9	13	FRANCE. ML 2.3 (LDG).
	04	00	56	14.9*	8.790	S	112.378	E	33	N	4.9		1.5	15	JAWA, INDONESIA
	04	01	25	44.0*	11.667	N	87.658	W	10	G	4.7	3.6	1.2	33	NEAR COAST OF NICARAGUA
	04	01	41	03.7?	0.80	S	152.36	E	33	N	4.7		1.1	7	NEW IRELAND REGION, P.N.G.
	04	01	54	40.3&	58.157	N	142.895	W	10	G				62	GULF OF ALASKA. <AEIC>. ML 3.1 (AEIC), 3.3 (PGC).
	04	03	20	55.4&	34.243	N	116.772	W	4					7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	04	04	01	18.4?	23.50	N	94.51	E	33	N			1.0	7	MYANMAR-INDIA BORDER REGION
	04	04	23	13.1&	59.796	N	152.525	W	88					43	SOUTHERN ALASKA <AEIC>.
	04	04	54	15.0	42.668	N	111.387	W	5	G			0 8	37	EASTERN IDAHO. ML 4.0 (GS), 3.8 (BUT). Felt (III) at Georgetown, McCammon, Montpelier and Paris. Also felt in the Soda Springs area.
	04	06	08	41.1	43.004	N	0.468	W	10	G			1.2	10	PYRENEES. ML 2.5 (LDG).

	04	07	33	35.3*	26.063	N	128.531	E	13 ?	4.7		1.1	20	RYUKYU ISLANDS
	04	07	36	32.0?	11.72	N	87.99	W	33 N	4.4	4.6	0.8	12	NEAR COAST OF NICARAGUA
	04	07	37	21.3	38.527	N	143.158	E	30 D	5.0	4.4	0.9	56	OFF EAST COAST OF HONSHU, JAPAN
	04	07	44	07.0?	6.50	S	147.51	E	10 G			0.3	5	EASTERN NEW GUINEA REG., P.N.G.
	04	07	51	09.1?	11.38	N	87.61	W	10 G	4.7		1.1	15	NEAR COAST OF NICARAGUA
	04	07	55	28.9*	29.847	N	78.181	E	33 N			0.3	7	NORTHERN INDIA
	04	08	11	48.3*	38.564	N	143.303	E	28 D	4.4	4.5	1.3	30	OFF EAST COAST OF HONSHU, JAPAN
	04	08	24	02.1&	35.006	N	116.953	W	4				10	CENTRAL CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 2.6 (GS).
	04	08	25	41.8?	11.69	N	87.29	W	33 N		3.6	1.4	10	NEAR COAST OF NICARAGUA
	04	09	23	47.0?	11.14	N	86.97	W	10 G	4.6	3.9	1.1	24	NEAR COAST OF NICARAGUA
	04	09	26	57.8%	40.368	N	23.306	E	10 G			0.6	6	GREECE. MD 2.0 (THE).
	04	10	24	34.0%	40.807	N	22.976	E	10 G			0.2	5	GREECE. MD 1.4 (THE).
	04	10	32	39.6	40.782	N	29.097	E	10 G			0.4	8	TURKEY
	04	10	34	10.4*	12.056	S	165.844	E	106.*	4.5		0.8	16	SANTA CRUZ ISLANDS
	04	11	23	56.1?	51.52	N	16.16	E	10 G			1.0	7	POLAND
	04	12	09	13.4	39.957	N	23.185	E	10 G			0.3	8	AEGEAN SEA
	04	12	54	04.0%	41.267	N	22.704	E	10 G			0.4	6	NORTHWESTERN BALKAN REGION. MD 2.5 (THE).
	04	13	42	47.1%	18.533	N	66.481	W	10 G			1.3	6	PUERTO RICO REGION
	04	13	44	17.0	32.302	S	71.359	W	79	5.1		1.0	30	NEAR COAST OF CENTRAL CHILE. MD 4.8 (SAN). Felt (V) at Los Vilas; (IV) at Illapel, Petarca, Las Andes and Valparaiso; (III) in the Santiago area.
a	04	13	57	28.3	13.232	S	167.021	E	150 D	5.4		0.9	195	VANUATU ISLANDS
	04	14	07	30.2%	44.419	N	7.280	E	10 G			0.4	9	NORTHERN ITALY. ML 2.0 (GEN).
	04	14	09	03.1	42.391	N	19.427	E	10 G			0.5	12	NORTHWESTERN BALKAN REGION. ML 2.3 (TTG).
	04	14	21	14.4*	38.070	N	22.116	E	10 G			0.8	5	GREECE. MD 3.1 (ATH).
	04	14	38	35.2%	44.380	N	7.385	E	10 G			0.4	9	NORTHERN ITALY. ML 1.8 (GEN).
	04	15	02	58.2&	36.144	N	117.870	W	3				26	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 4.1 (BRK), 3.9 (PAS), 3.8 (GS).
	04	15	42	21.7	38.819	N	25.297	E	10 G	4.4		1.1	49	AEGEAN SEA. ML 4.0 (ATH). MD 3.8 (THE).
	04	16	16	07.2*	11.497	N	88.176	W	10 G	4.9	3.5	1.3	27	OFF COAST OF CENTRAL AMERICA
	04	16	34	49.5*	5.993	S	105.713	E	99 ?	4.8		1.3	28	SUNDA STRAIT
	04	16	51	54.2	12.041	N	88.269	W	10 G	5.1	4.5	1.2	71	OFF COAST OF CENTRAL AMERICA
	04	17	21	56.5?	41.20	N	20.16	E	10 G			0.3	4	ALBANIA. ML 2.4 (TIR).
	04	17	48	01.6*	36.392	N	71.101	E	33 N	4.8		1.1	12	AFGHANISTAN-TAJIKISTAN BORD REG.
	04	20	25	26.3?	9.79	N	126.82	E	10 G			0.9	4	MINDANAO, PHILIPPINE ISLANDS
	04	20	52	35.0	9.559	S	123.951	E	33 N	4.4		1.1	13	TIMOR REGION, INDONESIA
	04	21	03	49.9*	9.719	N	126.665	E	41 *	4.6	4.1	1.0	22	MINDANAO, PHILIPPINE ISLANDS
	04	21	26	50.6%	40.566	N	23.414	E	10 G			0.3	7	GREECE. MD 2.0 (THE).
	04	22	48	10.7	8.522	S	112.507	E	33 N	4.9		1.0	39	JAWA, INDONESIA
	04	23	12	34.0&	57.610	N	142.831	W	10 G				35	GULF OF ALASKA. <AEIC>. ML 2.6 (AEIC), 2.8 (PGC).
	04	23	21	33.6*	52.395	N	179.335	E	183 *	4 5		0.8	30	RAT ISLANDS, ALEUTIAN ISLANDS
	04	23	38	37.4	38.751	N	25.140	E	12			0.9	12	AEGEAN SEA. ML 3.2 (ATH).
	05	00	00	45.0	45.975	N	14.583	E	10 G			0.4	8	NORTHWESTERN BALKAN REGION. ML 2.4 (VIE). MD 2.7 (LJU), 2.5 (TRI). Felt (IV) in the Ljubljana area, Slovenia.
	05	01	02	21.6%	42.421	N	19.431	E	10 G			0.7	7	NORTHWESTERN BALKAN REGION. ML 1.8 (TTG).
	05	01	12	01.4	40.934	N	20.849	E	5 G			0.9	34	GREECE-ALBANIA BORDER REGION. ML 3.0 (TTG), 3.0 (SKO), 2.7 (TIR). MD 3.2 (ATH).
	05	01	50	20.2*	36.660	N	30.478	E	10 G			1.1	7	TURKEY. ML 4.1 (CSS). Felt in the Antalya area.
	05	01	55	59.0*	71.107	N	6.182	W	10 G			0.2	5	JAN MAYEN ISLAND REGION. MD 3.4 (BER).
	05	02	36	19.6?	44.72	N	6.78	E	10 G			0.0	4	FRANCE. ML 1.3 (GEN).
	05	02	49	40.9*	40.838	N	20.774	E	10 G			1.2	6	GREECE-ALBANIA BORDER REGION. ML 2.3 (SKO). MD 2.5 (THE).
	05	02	52	05.5?	6.82	S	130.40	E	33 N	4.2		1.5	6	BANDA SEA
	05	03	07	50 7	41 261	N	22.443	E	10 G			0.6	11	NORTHWESTERN BALKAN REGION. MD 2.7 (THE).
	05	03	29	27 1&	34 095	N	116.414	W	4				16	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.9 (PAS), 3.7 (GS). Felt (IV) at La Quinta and Yucca Valley. Felt (III) at Landers.
	05	05	19	00 3&	51.354	N	130.914	W	10 G				7	QUEEN CHARLOTTE ISLANDS REGION. <PGC-P>. ML 3.0 (PGC).
	05	05	49	46.2&	60 120	N	152.431	W	85				45	SOUTHERN ALASKA. <AEIC>.
	05	06	44	48.6&	51.317	N	130.946	W	10 G				5	QUEEN CHARLOTTE ISLANDS REGION. <PGC-P>. ML 3.0 (PGC).
	05	07	12	44.3*	9.756	N	126.787	E	30 *	4.7		1.0	14	MINDANAO, PHILIPPINE ISLANDS
	05	08	13	58.8*	11.225	N	87.783	W	10 G	4.4		1.0	26	NEAR COAST OF NICARAGUA
	05	08	28	16.6%	38 598	N	14.006	E	10 G			1.1	8	SICILY
	05	08	49	51.9%	39.151	N	27.597	E	10 G			0.4	5	TURKEY
	05	09	14	41.4	41.519	N	142.393	E	54	4.7		1.2	67	HOKKAIDO, JAPAN REGION
	05	10	33	25.6	11.855	N	87.600	W	10 G	4.7	3.7	1.1	58	NEAR COAST OF NICARAGUA
	05	11	26	17.3%	40.207	N	28.788	E	10 G			0.5	6	TURKEY
	05	13	01	53.1*	10.916	N	86.385	W	33 N	4.5	3.8	1.2	25	OFF COAST OF COSTA RICA
	05	13	22	33.2*	3.305	S	146.659	E	28 *	4.4	3.8	1.0	12	BISMARCK SEA
	05	18	59	59.4*	9.566	S	147.906	E	31 *	3.9		1.4	10	EASTERN NEW GUINEA REG., P.N.G. ML 4.4 (PMG).
	05	20	03	41.1?	36.44	N	5.76	E	10 G			0.7	9	NORTHERN ALGERIA
o	05	20	06	41.8	3.922	S	142.563	E	43 D	5.6	5.2	1.0	155	NEAR N COAST OF NEW GUINEA, PNG.
	05	20	11	05.3&	37.575	N	118.448	W	9				16	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.3 (GM). ML 3.2 (BRK).
	05	20	23	49.7?	39.54	N	135.88	E	33 N			0.6	10	SEA OF JAPAN
	05	21	02	02.3?	10.43	N	87.19	W	33 N	4.4		1.2	9	OFF COAST OF COSTA RICA
o	05	21	48	12.1	11.999	N	87.319	W	10 G	5.3	6.0	1.4	225	NEAR COAST OF NICARAGUA. Ms 6.0 (BRK). Mo=2.0*10**18 Nm (PPT). Felt at Chinandega, Masachapa and Rivas.
	05	22	28	08.5&	37.455	N	118.599	W	9				16	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.5 (GM). ML 3.2 (BRK).
	05	22	36	45.0&	34.085	N	119.025	W	17				21	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.8 (GS).
	05	23	43	14.4&	34.257	N	116.436	W	3				12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.3 (GS).
	06	00	00	29.2&	34.353	N	116.471	W	0				10	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	06	00	46	35.4	40.081	N	23.747	E	10 G			0.6	7	GREECE. MD 2.3 (THE).
	06	01	30	12.2*	11.542	N	87.403	W	10 G	4.4		1.1	26	NEAR COAST OF NICARAGUA
	06	02	09	36.8&	33.961	N	116.316	W	8				8	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	06	02	51	21.0*	13.155	N	91.219	W	10 G	4.4		1.2	32	NEAR COAST OF GUATEMALA
	06	02	56	11.4&	34 454	N	116.531	W	4				14	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS), 3.2 (GS).
	06	04	18	25.1%	18.130	N	76.923	W	10 G			0.4	5	JAMAICA REGION. Felt (IV) in St. Andrew Parish.
	06	04	21	56.0*	32.621	S	71.761	W	33 N			1.0	14	NEAR COAST OF CENTRAL CHILE. MD 4.4 (SAN).
	06	04	37	27.6*	39.989	N	19.903	E	10 G			1.2	7	GREECE-ALBANIA BORDER REGION. ML 2.8 (TIR).
	06	05	10	25.6%	42.412	N	19.421	E	13			0.3	8	NORTHWESTERN BALKAN REGION. ML 1.6 (TTG).
	06	06	55	32.3&	34.023	N	117.192	W	6				31	SOUTHERN CALIFORNIA. <PAS-P> ML 3.1 (PAS), 2.8 (GS).

	06	07	24	23.7?	51.43	N	16.10	E	5	G			1.0	5	POLAND. MG 2.8 (WAR).
	06	08	05	33.8?	32.60	S	71.74	W	21				0.7	11	NEAR COAST OF CENTRAL CHILE. MD 3 6 (SAN).
	06	08	20	49.6	40.194	N	142.339	E	58		4.6		1.1	53	NEAR EAST COAST OF HONSHU, JAPAN
	06	08	42	07.0	33.827	N	56.899	E	22	D	4.8	4.7	1.1	95	NORTHERN IRAN. Felt strongly at Tabas.
	06	09	35	48.6*	39.351	N	117.951	W	5	G			1.1	7	NEVADA. ML 3.1 (GS).
	06	10	02	41.6%	42.875	N	18.302	E	10	G			0.4	9	NORTHWESTERN BALKAN REGION. ML 2.3 (TTG).
	06	10	19	48.2?	33.32	N	35.60	E	10	G			0.9	8	JORDAN - SYRIA REGION. Felt in the Metulla, Israel area.
	06	10	43	44.2?	15.36	S	72.93	W	75	?	4.1		1.2	6	SOUTHERN PERU
	06	10	59	22.7?	11.36	N	88.00	W	10	G	4.3		1.2	11	NEAR COAST OF NICARAGUA
	06	11	26	05.9%	39.257	N	27.752	E	10	G			0.9	6	TURKEY
	06	12	12	03.4?	19.04	N	64.35	W	10	G			1.0	10	VIRGIN ISLANDS
	06	12	19	59.9?	19.40	N	64.28	W	29				0.4	11	VIRGIN ISLANDS
	06	12	27	05.0?	19.39	N	64.13	W	10	G			0.5	9	VIRGIN ISLANDS
a	06	13	12	41.3	11.943	N	87.457	W	26	D	5.3	5.5	1.2	182	NEAR COAST OF NICARAGUA. Felt in the Masachapa area.
	06	13	18	43.8%	39.435	N	16.315	E	10	G			1.2	5	SOUTHERN ITALY
	06	13	24	56.9?	6.47	N	126.53	E	96	?	4.3		0.8	11	MINDANAO, PHILIPPINE ISLANDS
	06	13	55	57.5*	14.173	S	72.723	W	119	*			1.1	13	CENTRAL PERU
	06	14	03	37.7*	76.305	N	11.329	E	10	G	3.9		0.8	9	SVALBARD REGION
	06	14	10	55.9	32.436	N	76.338	E	33	N	4.6		0.9	18	KASHMIR-INDIA BORDER REGION
	06	14	13	36.6	11.893	N	87.442	W	10	G	5.0		1.1	99	NEAR COAST OF NICARAGUA
	06	14	19	41.2	45.174	N	7.659	E	10	G			1.2	51	NORTHERN ITALY. ML 3.1 (LDG), 2.9 (GEN).
	06	15	12	16.4?	6.53	S	147.20	E	10	G	3.9		0.9	7	EASTERN NEW GUINEA REG., P.N.G.
	06	15	22	12.3*	39.349	N	23.643	E	10	G			0.6	7	AEGEAN SEA. MD 2.3 (THE).
	06	15	22	56.2*	9.614	N	126.389	E	54	?	4.5		0.7	9	MINDANAO, PHILIPPINE ISLANDS
	06	15	23	53.3&	34.977	N	116.960	W	0					12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 2.7 (GS).
	06	15	58	02.9%	16.512	N	98.372	W	33	N			0.8	8	NEAR COAST OF GUERRERO, MEXICO
	06	16	24	59.5*	39.491	S	174.138	E	235	?			0.3	20	NORTH ISLAND, NEW ZEALAND
	06	17	51	06.6&	34.023	N	117.191	W	6	G				13	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.6 (PAS), 3.4 (GS). Felt (IV) at Lama Linda, Mira Lama and Rialta. Felt (III) at Beaumant. Also felt at Riverside.
	06	18	41	50.9?	5.85	S	149.59	E	33	N			1.3	8	NEW BRITAIN REGION, P.N.G. ML 4.9 (PMG).
	06	18	55	47.6*	11.322	N	87.054	W	10	G	4.2		1.2	21	NEAR COAST OF NICARAGUA
	06	19	33	19.9&	34.433	N	116.520	W	10					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	06	20	06	12.1%	5.968	S	145.732	E	83	?			1.5	6	EASTERN NEW GUINEA REG., P.N.G.
	06	20	35	19.6%	42.387	N	19.455	E	10	G			0.4	9	NORTHWESTERN BALKAN REGION. ML 1.6 (TTG).
	06	21	35	01.0?	11.49	N	87.09	W	10	G		3.4	1.3	8	NEAR COAST OF NICARAGUA
	06	21	53	09.3?	34.10	S	179.66	E	347	?	4.0		1.2	22	SOUTH OF KERMADEC ISLANDS
a	06	22	08	03.8	3.555	S	144.904	E	20	D	4.8	4.8	1.2	27	NEAR N COAST OF NEW GUINEA, PNG.
	06	22	16	53.6&	34.025	N	117.195	W	6					30	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 2.9 (GS).
	06	22	28	00.4%	40.421	N	23.768	E	10	G			0.9	5	GREECE. MD 1.9 (THE).
	06	22	47	29.6&	35.012	N	116.965	W	4					14	CENTRAL CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.1 (GS).
	06	23	07	34.6	24.554	N	94.999	E	122	D	4.5		1.0	67	MYANMAR-INDIA BORDER REGION
	06	23	30	25.5&	59.085	N	145.559	W	10	G				57	GULF OF ALASKA. <AEIC>. ML 3.6 (AEIC), 4.1 (PMR).
	06	23	46	12.0	7.072	S	105.482	E	33	N	5.0	5.3	1.2	58	JAWA, INDONESIA
	06	23	49	02.5	7.035	S	105.650	E	36	D	4.8	4.9	1.0	36	JAWA, INDONESIA
	06	23	50	35.9?	36.19	S	176.98	E	210	G			0.5	9	OFF E. COAST OF N. ISLAND, N.Z.
	06	23	51	31.6%	40.638	N	23.513	E	10	G			0.4	7	GREECE. MD 2.4 (THE).
	07	00	19	39.0*	3.573	S	144.901	E	10	G	4.6	4.6	1.0	13	NEAR N COAST OF NEW GUINEA, PNG.
	07	01	33	16.7?	9.99	S	161.40	E	111	?	4.1		0.9	6	SOLOMON ISLANDS
	07	01	34	57.0*	51.539	N	16.088	E	10	G			0.6	9	POLAND. ML 2.4 (GRF).
	07	01	49	40.0%	38.759	N	29.641	E	10	G			0.8	6	TURKEY
	07	02	57	51.6	31.298	N	35.551	E	10	G			0.7	15	DEAD SEA REGION. MD 3.7 (RYD).
	07	03	02	16.0*	37.126	N	22.948	E	10	G			0.9	10	SOUTHERN GREECE. ML 3.0 (ATH). MD 2.7 (THE).
	07	04	06	53 2?	16.83	N	101.10	W	33	N			1.5	6	NEAR COAST OF GUERRERO, MEXICO
	07	04	43	14.5*	11.995	N	87.403	W	10	G	4.5		1.1	37	NEAR COAST OF NICARAGUA
	07	05	12	31 4%	33.643	S	71.732	W	21				0.3	10	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
	07	05	47	06.6	50 922	N	172.850	W	33	N	4.6		0.8	57	ANDREANOF ISLANDS, ALEUTIAN IS. ML 4.7 (PMR).
	07	07	58	34.7&	60 159	N	140.874	W	2					19	SOUTHEASTERN ALASKA. <AEIC>. ML 2.7 (AEIC), 2.3 (PGC).
	07	08	47	29.1%	44 075	N	11.792	E	10	G			0.3	6	NORTHERN ITALY
	07	08	55	30.3&	35.114	N	116 650	W	0					10	CENTRAL CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 2.8 (GS).
	07	10	02	21 3?	5.48	S	146.86	E	243	*			0.4	7	EASTERN NEW GUINEA REG., P.N.G.
a	07	10	54	40.1	20.089	S	175.699	W	235	*	4.8		1.3	90	TONGA ISLANDS
	07	11	06	14.9&	60.245	N	153.336	W	158					26	SOUTHERN ALASKA. <AEIC>.
	07	11	10	08.1	34.651	N	80.234	E	15	D	4.8		1.1	52	XIZANG
	07	11	53	17.8	16.482	N	99.192	W	10	G	4.7		1.2	61	NEAR COAST OF GUERRERO, MEXICO
	07	12	28	12.5%	39.928	N	29.126	E	10	G			0.1	6	TURKEY
	07	12	33	10.3	42.485	N	125.358	W	10	G			0.4	38	OFF COAST OF OREGON
	07	13	52	55.1%	39.335	N	27.997	E	10	G			0.8	5	TURKEY
	07	14	17	25.4%	41.621	N	22.342	E	10	G			0.5	7	NORTHWESTERN BALKAN REGION. MD 2.2 (THE).
	07	15	37	40.2&	60.905	N	147.031	W	25					79	SOUTHERN ALASKA. <AEIC>. ML 3.3 (AEIC), 3.5 (PMR). Felt (II) at Anchorage.
	07	15	43	16.5&	59.917	N	152.167	W	70					49	SOUTHERN ALASKA. <AEIC>.
	07	16	07	56.7	42.430	N	19.388	E	10	G			1.0	10	NORTHWESTERN BALKAN REGION. ML 2.6 (TTG).
	07	16	22	35.5	11.193	N	86.761	W	10	G	4.7	3.9	1.2	69	NEAR COAST OF NICARAGUA. Felt in the Masachapa area.
	07	17	09	57.3%	42.417	N	19.410	E	10	G			0.4	9	NORTHWESTERN BALKAN REGION. ML 1.7 (TTG).
	07	17	35	32.4?	11.30	N	85.72	W	33	N		3.4	0.8	7	NICARAGUA
	07	17	42	34.9?	34.74	S	178.81	E	339	?			0.8	29	SOUTH OF KERMADEC ISLANDS
	07	18	36	45.1	3.421	N	125.354	E	35	D	5.1		1.3	51	TALAUD ISLANDS, INDONESIA
	07	19	02	04.1	11.249	N	86.822	W	10	G	4.7	4.4	1.2	78	NEAR COAST OF NICARAGUA
	07	19	42	15.0%	44.076	N	11.796	E	10	G			0.7	6	NORTHERN ITALY
	07	19	42	45.1%	41.187	N	23.031	E	10	G			0.3	9	GREECE-BULGARIA BORDER REGION. MD 2.4 (THE).
	07	20	27	32.9&	34.445	N	116.010	W	0					8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	07	20	53	09.2*	3.375	N	125.433	E	46	*	4.7		0.5	8	TALAUD ISLANDS, INDONESIA
	07	20	57	56.0	11.449	N	86.730	W	10	G	4.8	4.9	1.0	83	NEAR COAST OF NICARAGUA
	07	22	28	45.8	11.299	N	86.815	W	10	G	4.7	4.0	1.2	60	NEAR COAST OF NICARAGUA
	07	22	41	47.4&	34.157	N	116.431	W	8					8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	07	22	45	56.6%	40.635	N	23.413	E	10	G			0.6	6	GREECE
	07	22	57	18.0&	59.774	N	152.239	W	71					71	SOUTHERN ALASKA. <AEIC>.
	07	23	11	26.1?	34.47	S	70.55	W	10	G			0.6	10	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
	07	23	50	59.6&	34.233	N	116.840	W	3					12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.0 (GS). Felt (II) at Morongo Valley.
	08	00	10	13.7&	34.649	N	116.661	W	5					7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).

	08	00 17 33.4	41.868	N	23.280	E	10	G			0.6	14	GREECE-BULGARIA BORDER REGION. MD 2.7 (THE).
	08	00 21 17.0&	59.202	N	152.400	W	63					37	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	08	00 27 29.8?	36.96	N	2.07	W	10	G			0.9	7	STRAIT OF GIBRALTAR. mbLg 3.2 (MDD). Felt (III) in the Carboneras area, Spain.
	08	00 28 29.1%	37.016	N	1.973	W	10	G			1.2	10	SPAIN. mbLg 3.1 (MDD). Felt (III) in the Carboneras area.
	08	00 31 31.2%	33.131	S	71.207	W	68	?			0.4	10	NEAR COAST OF CENTRAL CHILE. MD 3.2 (SAN).
	08	00 38 15.4	29.134	N	52.187	E	18	D	5.2	4.7	1.0	276	SOUTHERN IRAN. One person killed and 11 injured in the Firuzabad area. Also 200 houses and 3 bridges were destroyed and landslides blocked roads in the epicentral area. Damage reported at Bonu, Dorenjan, Giah Zar and Meygoli. Felt at Kazerun and Shiraz.
	08	00 46 17.4	24.510	S	66.940	W	168	*	4.9		1.3	47	SALTA PROVINCE, ARGENTINA
	08	00 57 05.4*	13.400	N	60.897	W	90	G			0.4	10	WINDWARD ISLANDS. MD 3.4 (TRN).
	08	01 13 14.9%	39.404	N	15.039	E	10	G			0.9	5	SOUTHERN ITALY
	08	03 32 43.3	6.774	N	72.944	W	164		4.0		1.1	24	NORTHERN COLOMBIA
	08	03 44 49.8&	34.109	N	116.982	W	4					14	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.5 (PAS). ML 3.5 (GS). Felt (IV) at Angelus Oaks, Highland, Loma Linda and Yucaipa.
	08	03 49 54.4%	39.832	N	22.718	E	10	G			0.4	7	GREECE
	08	04 18 55.6	44.501	N	6.976	E	10	G			0.8	14	FRANCE. ML 2.0 (GEN), 1.9 (LDG).
	08	04 44 38.4	45.896	N	3.310	E	10	G			0.9	17	FRANCE. ML 1.9 (STR).
	08	04 52 15.4%	32.888	S	70.162	W	110	G			0.3	11	CHILE-ARGENTINA BORDER REGION. MD 4.0 (SAN).
a	08	05 41 42.3	4.013	N	82.597	W	10	G	5.2	4.5	1.0	153	SOUTH OF PANAMA
	08	05 59 41.3?	36.69	N	71.83	E	33	N			0.8	7	AFGHANISTAN-TAJIKISTAN BORD REG.
	08	06 53 23.0%	34.035	S	70.100	W	10	G			0.2	11	CHILE-ARGENTINA BORDER REGION. MD 3.8 (SAN).
	08	06 54 06.0*	49.145	N	6.748	E	10	G			0.3	7	GERMANY. ML 2.4 (STR).
	08	06 54 20.9&	63.119	N	150.971	W	130					56	CENTRAL ALASKA. <AEIC>.
	08	06 55 28.5%	15.722	N	96.359	W	10	G			1.2	7	NEAR COAST OF OAXACA, MEXICO
	08	07 00 27.8%	44.463	N	6.214	E	10	G			0.4	7	FRANCE. ML 2.2 (LDG).
	08	07 06 09.8%	16.009	N	61.022	W	30				0.3	8	LEEWARD ISLANDS. ML 3.0 (FDF).
	08	10 13 32.7%	43.111	N	0.621	W	10	G			0.5	7	PYRENEES. ML 1.0 (STR).
	08	10 35 20.2&	61.616	N	150.268	W	56					77	SOUTHERN ALASKA. <AEIC>. ML 3.0 (AEIC), 3.0 (PMR).
	08	11 25 34.9?	39.42	N	29.63	E	10	G			1.5	5	TURKEY
a	08	11 31 46.2	16.839	S	173.312	W	95	D	5.5		1.2	292	TONGA ISLANDS
	08	11 32 32.3?	41.59	N	23.56	E	10	G			0.2	5	GREECE-BULGARIA BORDER REGION. MD 2.3 (THE).
	08	11 44 29.5	41.985	N	20.394	E	10	G			0.7	11	ALBANIA. ML 2.6 (TTG).
	08	12 15 57.7%	36.369	N	2.866	W	10	G			1.0	8	STRAIT OF GIBRALTAR. mbLg 3.2 (MDD).
	08	12 18 29.4%	36.945	N	4.313	W	10	G			0.9	6	STRAIT OF GIBRALTAR. mbLg 2.8 (MDD).
	08	13 53 08.5	20.153	N	64.561	W	13		4.7		0.7	13	NORTH ATLANTIC OCEAN
	08	13 56 07.1?	17.28	S	174.21	W	179	?	4.7		1.1	14	TONGA ISLANDS
o	08	14 40 21.6	4.051	N	82.582	W	10	G	5.2	4.9	1.0	140	SOUTH OF PANAMA
	08	15 19 14.3*	28.725	N	95.004	E	10	G	4.7		1.0	9	EASTERN XIZANG-INDIA BORDER REG.
	08	16 28 10.0	54.966	N	111.223	E	33	N	4.1		1.3	9	LAKE BAYKAL REGION, RUSSIA
	08	16 48 45.1?	31.85	S	69.91	W	150	G			0.4	9	SAN JUAN PROVINCE, ARGENTINA. MD 3.9 (SAN).
	08	17 08 24.0%	42.524	N	18.692	E	10	G			0.3	9	NORTHWESTERN BALKAN REGION. ML 2.1 (TTG).
	08	18 28 17.4&	34.515	N	116.534	W	1					11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 2.8 (GS).
	08	18 40 37.2	45.895	N	3.316	E	10	G			1.0	18	FRANCE. ML 2.3 (LDG), 2.1 (STR).
	08	18 49 04.2*	12.826	N	121.387	E	33	D	4.8	4.2	1.0	22	MINDORO, PHILIPPINE ISLANDS
	08	19 43 42.2%	40.635	N	23.453	E	10	G			0.5	8	GREECE. MD 2.1 (THE).
	08	19 47 10 1%	40.626	N	23.413	E	10	G			0.1	6	GREECE MD 1.7 (THE).
	08	19 58 34.5	35.765	N	141.312	E	10	G	4.7		1.1	29	NEAR EAST COAST OF HONSHU, JAPAN
	08	20 03 52.9&	62.416	N	151.016	W	82					92	CENTRAL ALASKA. <AEIC>.
	08	21 58 21.5?	36.71	S	176.56	E	341	?			0.5	16	OFF E. COAST OF N. ISLAND, N.Z.
	08	22 27 45.0*	28.719	N	50.841	E	10	G	4.1		0.9	11	PERSIAN GULF
	08	23 35 04.2*	51.557	N	7.437	E	10	G			0.4	6	GERMANY. ML 2.2 (BNS).
	09	01 57 48.4&	57.779	N	142.641	W	10	G				5	GULF OF ALASKA. <AEIC>. ML 2.7 (AEIC).
	09	02 04 41.8?	39.69	N	26.12	E	10	G			1.1	8	TURKEY
	09	02 43 04.3?	3.80	N	129.94	E	160	?	4.8		1.4	6	NORTH OF HALMAHERA, INDONESIA
	09	04 17 11.2&	33.994	N	116.346	W	1					11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 2.8 (GS).
	09	04 35 32.8*	8.323	N	82.864	W	10	G			0.6	10	PANAMA-COSTA RICA BORDER REGION. MD 4.3 (SJR). Felt along the coast of Chiriqui Province, Panama.
	09	06 22 31.8?	32.11	S	71.24	W	70	G			0.3	11	NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).
	09	06 32 06.5&	35.073	N	116.999	W	3					9	CENTRAL CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	09	07 16 48.9&	35.075	N	117.001	W	1					12	CENTRAL CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 2.7 (GS).
	09	08 20 18.3*	41.465	N	29.316	E	10	G			0.3	7	TURKEY
	09	10 47 09.5%	9.757	N	84.183	W	33	N			0.5	6	COSTA RICA. MD 4.3 (SJR).
	09	10 55 56.7&	56.683	N	152.638	W	10	G				44	KODIAK ISLAND REGION. <AEIC>. ML 2.9 (AEIC).
	09	10 57 24.4	10.838	N	86.482	W	33	N	4.5	4.2	1.3	46	OFF COAST OF COSTA RICA. MD 4.6 (SJR).
	09	11 03 44.6	40.331	N	28.683	E	10	G			0.5	15	TURKEY. Felt at Bursa.
	09	11 10 38.4	40.356	N	28.685	E	10	G			0.6	10	TURKEY
	09	11 11 03.5	39.780	N	25.632	E	11				0.8	32	AEGEAN SEA. MD 3.8 (ATH), 3.8 (THE).
	09	11 12 02.7	32.077	S	71.806	W	10	G			0.5	13	NEAR COAST OF CENTRAL CHILE. MD 4.1 (SAN).
	09	11 14 45.3*	32.173	S	71.652	W	33	N			0.7	13	NEAR COAST OF CENTRAL CHILE. MD 4.2 (SAN).
	09	11 41 36.1&	35.077	N	117.000	W	3					15	CENTRAL CALIFORNIA. <PAS-P>. ML 3.6 (PAS), 3.4 (GS).
	09	11 44 55.0&	35.077	N	116.996	W	1					35	CENTRAL CALIFORNIA. <PAS-P>. ML 4.2 (PAS), 4.1 (BRK), 4.0 (GS). Felt (III) at Daggett.
	09	12 50 45.1&	33.947	N	116.330	W	5					32	SOUTHERN CALIFORNIA. <PAS-P>. ML 4.3 (PAS), 4.3 (BRK), 4.1 (GS). Felt (IV) at La Quinta and Yucca Valley. Felt (III) at Maronga Valley.
	09	12 52 56.2&	33.951	N	116.333	W	5					6	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.1 (GS).
	09	13 04 54.5?	76.69	N	10.88	E	10	G	4.1		1.1	9	SVALBARD REGION
a	09	13 08 54.8	76.208	N	7.286	E	24	D	5.7	5.8	1.0	394	SVALBARD REGION. Mo=2.5*10**18 Nm (PPT).
	09	13 12 47.7	41.789	N	19.827	E	10	G			1.3	16	ALBANIA. ML 2.3 (TIR), 2.1 (TTG).
	09	13 31 50.9%	40.826	N	23.890	E	10	G			0.2	6	GREECE. MD 1.9 (THE).
	09	14 01 28.4&	33.946	N	116.333	W	6					10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.0 (GS).
	09	14 11 38.6?	76.17	N	9.62	E	10	G	4.0		1.1	8	SVALBARD REGION
	09	14 34 19.7*	31.327	S	177.299	W	33	N	5.1		1.1	26	KERMADEC ISLANDS REGION
	09	14 39 14.8	49.136	N	6.862	E	10	G			0.9	14	GERMANY. ML 2.6 (STR). MD 2.7 (UCC).
	09	15 53 15.7?	50.23	N	18.98	E	10	G			0 6	4	POLAND. ML 3.0 (WAR).
	09	15 58 13.6	2.779	N	124.429	E	295		5.0		1.0	72	CELEBES SEA
	09	16 13 13.0	43.454	N	5.484	E	5	G			0.9	16	NEAR SOUTH COAST OF FRANCE. ML 2.5 (STR).
	09	16 56 11.0	49.145	N	6.858	E	10	G			0.7	14	GERMANY. ML 2.8 (STR).

	09	17	04	44.9*	5.785	S	145.081	E	33	N	4.2		0.5	5	EASTERN NEW GUINEA REG., P.N.G.
	09	17	12	59.6	36.884	N	55.225	E	48	*	4.9	4.5	1.3	112	NORTHERN IRAN
	09	17	59	22.9	51.435	N	6.294	E	10	G			1.0	14	GERMANY. ML 2.9 (LDG), 2.2 (BNS).
	09	18	17	16.7	44.838	N	7.236	E	10	G			0.9	20	NORTHERN ITALY. ML 2.5 (GEN), 2.3 (LDG).
	09	19	27	37.6*	37.123	N	57.102	E	40	*	4.5		1.0	29	TURKMENISTAN-IRAN BORDER REGION
	09	19	59	17.6	44.459	N	7.305	E	12				0.5	23	NORTHERN ITALY. ML 2.9 (LDG), 2.6 (GEN).
	09	20	20	17.6	44.472	N	7.313	E	12				0.4	14	NORTHERN ITALY. ML 2.2 (LDG), 1.8 (GEN).
a	09	20	44	50.2	23.509	S	178.877	E	554		5.3		0.9	276	SOUTH OF FIJI ISLANDS
	09	21	17	01.6	44.602	N	6.833	E	12				0.3	20	FRANCE. ML 2.4 (GEN), 2.4 (LDG).
	09	21	41	49.1	29.883	N	51.035	E	42		5.1	4.6	1.1	229	SOUTHERN IRAN. Felt in the Mamasani area.
	09	21	44	49.7?	30.19	N	50.88	E	33	N	4.8		1.0	17	NORTHERN IRAN. Felt at Gachsaran.
	09	23	04	55.8&	34.298	N	116.455	W	6					11	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	09	23	32	20.6	5.947	N	124.222	E	30	D	5.1	4.7	1.2	56	MINDANAO, PHILIPPINE ISLANDS
	10	00	34	10.1&	62.852	N	149.941	W	80					42	CENTRAL ALASKA. <AEIC>.
	10	00	51	09.0*	44.562	N	128.662	W	10	G	3.3		0.6	48	OFF COAST OF OREGON
	10	01	17	54.7*	5.015	S	146.105	E	25	*	4.3		0.6	7	EASTERN NEW GUINEA REG., P.N.G. ML 4.4 (PMG).
	10	02	43	29.2&	50.474	N	129.804	W	10	G	3.6			45	VANCOUVER ISLAND REGION. <PGC-P>. ML 3.6 (PGC).
	10	03	31	32.2	10.750	N	86.407	W	10	G	4.5	4.0	1.3	37	OFF COAST OF COSTA RICA. MD 4.3 (SJR).
	10	03	50	02.2*	10.595	N	86.612	W	10	G	4.7		1.0	16	OFF COAST OF COSTA RICA. MD 4.3 (SJR).
	10	03	55	56.2*	2 542	S	67.985	E	25	D	4.7	4.4	1.0	21	CARLSBERG RIDGE
	10	04	29	40.5&	61.600	N	146.532	W	28					72	SOUTHERN ALASKA. <AEIC>. ML 3.0 (AEIC), 3.1 (PMR).
	10	04	35	05.6%	40.069	N	23.618	E	10	G			0.5	8	GREECE. MD 2.3 (THE).
	10	05	14	56.0*	18.980	S	168.367	E	46	*	4.8		1.4	15	VANUATU ISLANDS
	10	06	20	12.6&	39.702	N	110.632	W	1					15	UTAH. <SLC-P>. MD 3.4 (SLC).
	10	06	58	41.9*	12.125	N	88.319	W	10	G	4.6		1.3	28	OFF COAST OF CENTRAL AMERICA
	10	07	51	50.4?	16.73	S	176.95	E	33	N	4.3		1.2	9	FIJI ISLANDS REGION. MD 4.7 (SVA).
	10	08	56	31.0&	61.418	N	146.696	W	18					53	SOUTHERN ALASKA. <AEIC>. ML 2.5 (AEIC).
	10	09	47	09.3%	44.330	N	8.304	E	10	G			0.4	8	NORTHERN ITALY. ML 2.1 (GEN).
a	10	10	43	20.3	22.562	S	174.974	W	38	D	5.6	6.0	1.2	205	TONGA ISLANDS REGION. Ms 6.3 (BRK). Mo=2.0*10**18 Nm (PPT).
	10	11	03	48.7?	62.10	N	2.25	E	10	G			1.0	6	NORWEGIAN SEA
	10	12	29	17.1*	40.055	N	30.860	E	10	G			1.5	7	TURKEY. MG 2.7 (DDA).
a	10	14	54	37.7	76.288	N	7.695	E	28	D	5.3	5.1	1.1	172	SVALBARD REGION
a	10	15	03	17.7	10.210	N	86.494	W	27	D	5.3	5.5	1.1	230	OFF COAST OF COSTA RICA. Ms 5.2 (BRK). MD 5.1 (SJR). Mo=2.0*10**18 Nm (PPT). Felt at Coco, Guanacaste, in the Central Valley and in tall buildings in San Jose. Also felt at Managua and along the southwestern coast of Nicaragua.
	10	16	31	36.3?	13.99	N	91.71	W	135	*	4.3		1.2	10	NEAR COAST OF GUATEMALA
	10	16	36	00.7&	36.059	N	120.212	W	18					8	CENTRAL CALIFORNIA. <GM-P>. MD 3.0 (GM). ML 2.9 (PAS).
	10	17	09	07.4?	40.80	N	139.32	E	33	N	4.6		0.2	6	NEAR WEST COAST OF HONSHU, JAPAN
	10	17	45	16.4&	61.500	N	151.562	W	74					46	SOUTHERN ALASKA. <AEIC>.
	10	18	23	39.4?	77.11	N	10.15	E	10	G	4.1		1.0	9	SVALBARD REGION
	10	19	53	42.3	31.947	N	35.032	E	10	G			0.5	16	DEAD SEA REGION
a	10	20	10	57.0	17.221	S	167.817	E	20	*	5.5	5.4	1.1	164	VANUATU ISLANDS Mo=1.0*10**18 Nm (PPT).
	10	20	17	50.5*	12.088	N	88.094	W	10	G	4.6	4.2	1.4	28	OFF COAST OF CENTRAL AMERICA
	10	20	40	57.1*	50.145	N	19.114	E	10	G			1.0	5	POLAND. ML 3.1 (WAR).
	10	21	20	54.3*	10.592	S	150.317	E	128	*	4.4		0.6	13	EASTERN NEW GUINEA REG., P.N.G.
	10	21	28	45.0	29.914	N	51.063	E	59	*	4.8		1.2	79	SOUTHERN IRAN
	10	21	37	39.8%	11.939	N	60.726	W	20	G			0.4	5	WINDWARD ISLANDS. MD 3.3 (TRN).
a	10	22	09	47.6	22.601	S	175.098	W	38	D	5.5	5.5	1.1	117	TONGA ISLANDS REGION. Mo=1.6*10**18 Nm (PPT).
	10	23	13	39.2*	22.619	S	174.883	W	33	N	5.1		1.4	20	TONGA ISLANDS REGION
a	10	23	20	29.3*	22.431	S	174.870	W	33	D	5.5	5.4	1.3	80	TONGA ISLANDS REGION. Mo=1.6*10**18 Nm (PPT).
	11	00	00	40.8	38.889	N	29.605	E	10	G			1.3	9	TURKEY
	11	00	16	51.3?	22.09	N	142.77	E	33	N	4.6		0.7	7	VOLCANO ISLANDS REGION
	11	00	30	34.6*	37.817	N	20.240	E	23				1.5	22	IONIAN SEA. MD 3.5 (ATH), 3.3 (THE).
	11	01	01	01.7	22.263	S	179 527	W	606	D	5.3		1.1	114	SOUTH OF FIJI ISLANDS
	11	01	31	19.5&	38.798	N	122.747	W	1					23	NORTHERN CALIFORNIA. <BRK>. ML 3.6 (BRK). Felt in The Geysers area.
	11	01	32	01.4	38.986	N	29.598	E	10	G			1.2	11	TURKEY MG 3.1 (DDA).
	11	03	29	05.1	46.016	N	7.251	E	5	G			0.5	49	SWITZERLAND. ML 2.9 (LDG), 2.7 (GEN).
	11	03	54	14.1*	32.081	S	71.770	W	33	N			1.3	20	NEAR COAST OF CENTRAL CHILE. MD 4.6 (SAN).
f	11	03	57	26.5	6.087	S	26.651	E	11	G	6.7	6.5	1.0	642	ZAIRE. Ms 7.0 (BRK). Mo=3.2*10**18 Nm (PPT). Eight people killed, 37 injured and several buildings destroyed at Kabalo. Felt at Bujumbura, Burundi. Depth from broadband displacement seismograms.
	11	06	38	03.2?	26.82	S	63.42	W	604	?			0.7	11	SANTIAGO DEL ESTERO PROV., ARG.
	11	06	46	11.8?	33.92	S	69.98	W	10	G			0.1	6	CHILE-ARGENTINA BORDER REGION
	11	06	48	50.1*	12.731	N	88.851	W	33	N	4.5		1.4	20	OFF COAST OF CENTRAL AMERICA
	11	06	53	53.1*	17.362	S	167.724	E	24	D	4.8	5.4	1.6	18	VANUATU ISLANDS
	11	07	03	12.2	49.138	N	6.916	E	10	G			1.0	12	GERMANY. ML 2.7 (STR). MD 2.6 (UCC).
	11	07	34	38.8?	43.48	N	19.42	E	10	G			0.8	7	NORTHWESTERN BALKAN REGION. ML 1.6 (TTG).
	11	08	10	39.5&	61.304	N	147.034	W	21					54	SOUTHERN ALASKA. <AEIC>. ML 3.0 (AEIC), 3.0 (PMR).
	11	08	11	37.4	11.758	N	87.544	W	33	N	4.3		1.1	31	NEAR COAST OF NICARAGUA
	11	08	17	56.1%	42.766	N	19.149	E	10	G			0.3	8	NORTHWESTERN BALKAN REGION. ML 1.4 (TTG).
	11	09	44	17.2?	10.98	N	62.18	W	80	G			0.3	5	NEAR COAST OF VENEZUELA. MD 3.1 (TRN).
	11	09	59	36.8?	10.91	N	62.14	W	80	G			0.8	5	NEAR COAST OF VENEZUELA
	11	10	03	24.6%	44.232	N	8.428	E	10	G			0.4	11	NORTHERN ITALY. ML 2.3 (GEN).
	11	10	10	03.7?	44.11	N	8.11	E	10	G			0.0	4	NORTHERN ITALY. ML 1.8 (GEN).
	11	11	01	19.1*	31.678	N	70.090	E	36	D	5.0	4.3	1.6	24	PAKISTAN
	11	11	20	07 8?	35.18	S	70.65	W	110	G			0.2	10	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	11	11	32	59.8%	44.206	N	7.422	E	10	G			0.7	7	NORTHERN ITALY. ML 2.0 (GEN).
	11	11	48	28.3.	40.263	N	20.624	E	10	G			1.2	15	GREECE-ALBANIA BORDER REGION. MD 3.3 (ATH), 3.0 (THE). ML 2.6 (TIR).
a	11	12	06	00.4	29.852	N	51 112	E	16	D	5.1	5 0	1.1	266	SOUTHERN IRAN
	11	12	50	29.0%	38.021	N	14 044	E	10	G			1.0	11	SICILY
	11	13	17	35.9*	21.243	S	68.394	W	130	*	4.9		1.4	13	CHILE-BOLIVIA BORDER REGION
	11	13	42	35 3&	36 838	N	121.568	W	5					20	CENTRAL CALIFORNIA. <BRK>. ML 3.4 (BRK). Felt (IV) at Morgan Hill and (III) at Monterey and San Juan Bautista. Also felt at Hollister and Prunedale.
	11	13	44	52.1	40.350	N	141.633	E	97		4.7		0.9	25	NEAR EAST COAST OF HONSHU, JAPAN
	11	15	15	25.7?	11.80	N	88.30	W	33	N	4.5		1.2	21	OFF COAST OF CENTRAL AMERICA
	11	15	27	02.3*	7.383	S	105 276	E	33	N	4.4		1.1	13	JAWA, INDONESIA

	11	17	03	58.6	29.804	N	60.696	E	12	D	5.0	1.0	110	SOUTHERN IRAN
	11	17	20	29.7	34.407	N	14.384	E	10	G	4.2	1.3	101	CENTRAL MEDITERRANEAN SEA
	11	17	39	39.7	35.840	N	71.026	E	67	*	5.0	1 3	109	PAKISTAN
	11	18	03	36.2	36.469	N	70.943	E	208	D	4.7	0.9	136	HINDU KUSH REGION, AFGHANISTAN
	11	18	21	32.8?	51.26	N	7.45	E	10	G		0.7	8	GERMANY. ML 2.8 (LDG).
a	11	18	24	14.6	30.046	N	60.765	E	33	N	5 3 4.8	1.0	208	NORTHERN IRAN
	11	18	58	21.9&	35.031	N	116.973	W	4				15	CENTRAL CALIFORNIA. <PAS-P>. ML 3.7 (PAS), 3.2 (GS). Felt (III) at Daggett. Alsa felt at Barstaw.
	11	19	07	33.8	38.738	N	22.906	E	5	G		1.2	24	GREECE. MD 3.4 (ATH), 3.1 (THE).
	11	19	15	40.6*	38.767	N	22.823	E	5	G		0.3	5	GREECE. MD 3.0 (ATH).
	11	19	23	11.1*	37.712	N	142.209	E	33	N	4.3	1.4	34	OFF EAST COAST OF HONSHU, JAPAN
	11	19	44	24.5?	18.32	S	167.09	E	33	N		1.1	5	VANUATU ISLANDS
	11	19	52	55.9	24.253	S	67.185	W	202	*		1.2	12	CHILE-ARGENTINA BORDER REGION
	11	20	20	05.7	29.668	N	51.144	E	26	D	4.6 4.2	1.4	51	SOUTHERN IRAN
a	11	21	06	00.8*	4.374	S	104.650	W	10	G	4.8 5.0	1.2	41	CENTRAL EAST PACIFIC RISE
	11	21	33	10.7?	22.43	S	174.95	W	31	D	5.1 5.2	1.2	30	TONGA ISLANDS REGION
	11	21	56	47.1	44.032	N	11.788	E	10	G		1.3	13	NORTHERN ITALY
a	11	22	24	52.2	4.153	N	126.464	E	46	D	5.4 4.7	1.1	139	TALAUD ISLANDS, INDONESIA
	11	22	30	35.0?	4.19	S	126.19	E	278	?	4.9	1.0	6	BANDA SEA
	11	22	56	34.3?	39.80	N	33.23	E	10	G		0.7	4	TURKEY. MG 2.9 (DDA).
	11	23	07	36.0%	33.985	S	70.608	W	10	G		0.3	10	CHILE-ARGENTINA BORDER REGION. MD 3.2 (SAN).
	11	23	26	44.0?	8.16	S	128.31	E	147	?	4.1	0.5	6	TIMOR SEA
	12	00	01	15.8*	40.704	N	20.891	E	10	G		1.3	5	GREECE-ALBANIA BORDER REGION. ML 2.5 (SKO). MD 2.1 (THE).
	12	00	02	31.7?	23.41	S	179.81	W	500	G	4.8	0.8	10	SOUTH OF FIJI ISLANDS
	12	00	07	48.2	35.727	N	4.443	W	33	N		1.5	23	STRAIT OF GIBRALTAR. mbLg 3.7 (MDD). MD 3.3 (RBA).
	12	00	21	34.0%	38.247	N	28.891	E	10	G		0.4	7	TURKEY
	12	00	22	29.6*	50.491	N	18.884	E	10	G		0.9	6	POLAND. ML 3.1 (WAR).
	12	00	35	05.4*	17.694	S	167.798	E	33	N		1.5	16	VANUATU ISLANDS
	12	01	25	46.5*	12.066	N	87.146	W	33	N	4.5	1.0	34	NEAR COAST OF NICARAGUA
	12	01	30	17.8?	5.96	S	146.63	E	122	*	4.5	1.1	9	EASTERN NEW GUINEA REG., P.N.G.
	12	02	34	50.7	29.941	N	60.702	E	23	D	5.0 4.6	1.1	137	SOUTHERN IRAN
	12	03	03	04.2&	48.041	N	124.644	W	46		3.0		25	VANCOUVER ISLAND REGION. <PGC-P>. ML 3.0 (PGC). MD 2.7 (SEA).
	12	03	12	24.5%	17.003	N	94.831	W	33	N		1.2	8	CHIAPAS, MEXICO
a	12	03	28	25.4	17.191	S	174.400	E	26	D	5.3 5.0	1.1	116	FIJI ISLANDS REGION
	12	04	08	46.9?	38.97	N	29.65	E	10	G		0.3	4	TURKEY
	12	04	42	55.5*	31.155	S	69.415	W	131	*		0.7	16	SAN JUAN PROVINCE, ARGENTINA. MD 4.0 (SAN).
	12	04	46	10.1%	43.154	N	19.519	E	5	G		0.5	6	NORTHWESTERN BALKAN REGION. ML 1.7 (TTG).
	12	04	51	46.9%	40.670	N	23.127	E	10	G		0.4	7	GREECE
	12	05	01	22.8&	49.138	N	128.850	W	10	G	3.9		31	VANCOUVER ISLAND REGION. <PGC-P>.
	12	05	16	26.5%	41.016	N	33 106	E	10	G		1.0	6	TURKEY. MG 3 0 (DDA).
	12	05	35	01.4*	37.291	N	69.808	E	33	N	4.0	1.1	11	AFGHANISTAN-TAJIKISTAN BORD REG.
	12	06	46	05.8?	12.03	N	87.05	W	33	N	4.2	1.2	13	NEAR COAST OF NICARAGUA
	12	07	47	06 5&	60.016	N	146.826	W	12		3.9		108	SOUTHERN ALASKA. <AEIC>. ML 4.2 (AEIC), 4.4 (PMR). Felt at Cardova.
	12	08	36	45.0?	39.15	N	27.59	E	10	G		0.2	4	TURKEY
	12	08	59	50.6%	45 588	N	0.596	E	10	G		0 7	9	FRANCE. ML 2.4 (LDG).
	12	09	02	31 9?	29.74	S	117.04	E	10	G		0.6	4	WESTERN AUSTRALIA
	12	09	37	51.4*	50.404	N	18.964	E	10	G		1.1	7	POLAND. ML 3.5 (WAR).
	12	09	45	36.3%	18 385	N	101.698	W	33	N		1.0	7	GUERRERO, MEXICO
	12	11	23	44.6%	37.824	N	2.440	W	10	G		0.8	11	SPAIN. mbLg 3.2 (MDD).
	12	12	03	48.5&	56.247	N	150.127	W	20		4.1		86	GULF OF ALASKA. <AEIC>. ML 4.3 (AEIC).
	12	12	24	34.6&	60.139	N	153.152	W	129				72	SOUTHERN ALASKA. <AEIC>.
	12	12	30	02.9&	59 895	N	153.250	W	120				43	SOUTHERN ALASKA. <AEIC>.
	12	12	45	56.9	24.573	N	124.447	E	25	D	4.9 4.3	1.3	97	SOUTHWESTERN RYUKYU ISLANDS. ML 4.2 (BJI).
	12	13	23	20.7*	11.939	S	163.104	E	33	N	4.3	0.9	6	SOLOMON ISLANDS
	12	13	33	53.2?	11.21	N	86.93	W	33	N	4.4	1.4	20	NEAR COAST OF NICARAGUA
	12	13	36	36.6	38.756	S	46.383	E	10	G	5.2	1.0	52	SOUTHWEST INDIAN RIDGE
	12	14	42	31.6?	30.81	S	69.31	W	120	G		0.9	11	CHILE-ARGENTINA BORDER REGION. MD 4.0 (SAN).
a	12	14	59	36.1	57.269	N	155.230	W	55	D	5.5	1.0	442	ALASKA PENINSULA. ML 5.2 (PMR). Felt (V) at Kodiak and (IV) at Akhiak, Egegik and Port Lions.
	12	16	47	28.8	40.640	N	29.152	E	10	G		0.7	10	TURKEY
	12	16	49	44.3%	27.922	N	17.795	W	10	G		1.1	5	CANARY ISLANDS REGION. MD 3.4 (MDD).
	12	17	13	27.7	36.420	N	70.576	E	198	D	4.9	1.0	101	HINDU KUSH REGION, AFGHANISTAN
	12	17	51	57.3*	47.068	N	152.905	E	33	N	4.4	0.8	12	KURIL ISLANDS
	12	18	04	33.3*	28.734	N	51.327	E	33	N	4.1	1.3	14	SOUTHERN IRAN. Felt at Ahram.
	12	18	12	26.8?	34.42	S	70.39	W	10	G		0.4	9	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	12	19	40	51.7	25.101	S	179.742	E	496		4.8	1.0	62	SOUTH OF FIJI ISLANDS
	12	21	23	00.2%	34.032	S	71.008	W	62	?		0.2	10	NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	12	21	47	00.5*	49.181	N	28.512	W	10	G	4.8 4.8	1.5	37	NORTHERN MID-ATLANTIC RIDGE
	12	22	11	14.4%	17.363	N	100.230	W	25			0.6	11	GUERRERO, MEXICO
	12	22	27	06.9	31.902	S	69.963	W	130	G		0.6	12	SAN JUAN PROVINCE, ARGENTINA. MD 3.7 (SAN).
	12	22	31	52.2*	44.861	N	16.731	E	10	G		1.1	8	NORTHWESTERN BALKAN REGION. MD 2.9 (LJU).
	12	22	43	27.3*	51.169	N	5.906	E	10	G		0.6	5	THE NETHERLANDS. ML 2.0 (BNS).
	12	22	56	26.4%	16.962	N	96.292	W	33	N		1.5	7	OAXACA, MEXICO
	12	23	52	53.2&	56.920	N	155.277	W	30				45	ALASKA PENINSULA. <AEIC>. ML 3.6 (AEIC).
	13	01	35	42.3&	60.103	N	140.549	W	17				24	SOUTHEASTERN ALASKA. <AEIC>. ML 2.7 (AEIC), 2.8 (PGC).
	13	03	39	15.7	6.607	S	105.847	E	85	*	5.1	0.9	65	SUNDA STRAIT
	13	04	53	31.6&	35.921	N	117.703	W	6				11	CENTRAL CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.8 (GS).
	13	05	00	34.9	45.197	N	7.680	E	10	G		1.1	98	NORTHERN ITALY. ML 3.6 (LDG), 3.4 (GEN), 3.3 (STR). MD 3.3 (LJU).
	13	05	11	13.0*	32.749	N	27.725	E	33	N		0.9	6	EASTERN MEDITERRANEAN SEA. MD 3.9 (HLW). ML 3.9 (CSS).
	13	07	19	14.1?	31.20	S	68.69	W	110	G		0.7	10	SAN JUAN PROVINCE, ARGENTINA. MD 3.8 (SAN).
	13	07	33	28.9*	55.551	N	167.482	E	33	N	4.3	1.1	12	KOMANDORSKY ISLANDS REGION
	13	07	50	28.2%	43.159	N	0.732	W	10	G		0.4	8	PYRENEES. ML 1.0 (STR).
	13	07	51	45.8	7.320	S	120.356	E	639		5.0	1.0	81	FLORES SEA
	13	08	06	24.0?	36.40	N	71.57	E	33	N		0.5	7	AFGHANISTAN-TAJIKISTAN BORD REG.
	13	08	19	34.9?	7.97	S	107.84	E	33	N	4.8	1.3	25	JAWA, INDONESIA
	13	08	37	05.3	40.711	N	27.343	E	13			0.8	25	TURKEY
	13	09	12	08.0*	29.153	S	71.166	W	93	?		1.1	17	NEAR COAST OF CENTRAL CHILE. MD 4.3 (SAN).
	13	09	12	28.7?	44.43	N	7.25	E	5	G		0.1	4	NORTHERN ITALY. ML 1.5 (GEN).
a	13	10	38	41.7	11.474	N	86.800	W	33	N	5 0 5.2	1.3	184	NEAR COAST OF NICARAGUA

	13	10 46 05.8*	17.127	N	59.790	W	33	N			1 3	20	LEEWARD ISLANDS. MD 4.0 (TRN). ML 3.9 (FDF).
a	13	10 53 32.6	11.582	N	86.720	W	28	D	5.0	5.5	1.2	172	NEAR COAST OF NICARAGUA
	13	11 00 12.5?	11.53	S	118.72	E	33	N	3.6		1.3	7	SOUTH OF SUMBAWA, INDONESIA
	13	11 44 01.4&	62.733	N	149.166	W	69					88	CENTRAL ALASKA. <AEIC>. ML 3.5 (AEIC), 3.5 (PMR).
	13	11 46 20.1	36.708	N	116.304	W	5	G	4.0		0.6	84	CALIFORNIA-NEVADA BORDER REGION. ML 4.1 (GS), 4.4 (BRK). Felt (IV) at Amargosa Valley, Beatty and Pahrump, Nevada.
	13	13 33 49.9&	33.893	N	116.285	W	8					5	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS).
	13	14 00 55.0&	36.822	N	121.573	W	7					18	CENTRAL CALIFORNIA. <BRK>. ML 2.8 (BRK).
	13	14 19 05.6?	10.94	N	87.19	W	33	N	4.4		1.1	13	OFF COAST OF COSTA RICA
	13	16 19 13.8*	12.195	N	87.738	W	33	N	4.7		1.2	45	NEAR COAST OF NICARAGUA
	13	16 35 17.5?	32.54	S	70.23	W	100	G			1.1	11	CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
	13	17 20 38.3	42.037	N	142.560	E	68	D	4.5		0.9	68	HOKKAIDO, JAPAN REGION
	13	17 40 53.6%	18.363	N	66.238	W	60	G			0.4	8	PUERTO RICO REGION
	13	19 16 58.8	44.244	N	116.220	E	10	G	4.4		1.3	14	NORTHEASTERN CHINA. ML 4.7 (BJI).
	13	19 33 40.7%	32.932	S	70.217	W	110	G			0.2	10	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
	13	19 51 30.7&	36.828	N	121.575	W	8					19	CENTRAL CALIFORNIA. <BRK>. ML 3.0 (BRK).
	13	20 01 34.9?	17.65	N	102.37	W	33	N			1.6	6	NEAR COAST OF MICHOACAN, MEXICO
	13	20 26 19.1*	46.043	N	10.223	E	10	G			0.4	5	NORTHERN ITALY. ML 2.1 (VIE).
	13	21 13 09.0%	48.053	N	7.989	E	5	G			1.0	5	FRANCE. ML 2.5 (LDG).
a	13	21 42 57.2	61.804	N	153.932	E	21	D	4.7	4.3	1.4	82	EASTERN SIBERIA, RUSSIA. Felt (V) at Debin, Omsukchan, Seymchan and Talaya; (IV) at Magadan and Stekalnyy.
	13	23 21 08.8%	16.781	N	98.052	W	33	N			0.5	8	NEAR COAST OF GUERRERO, MEXICO
	13	23 48 37.0*	29.773	N	51.018	E	33	N	4.2		1.1	11	SOUTHERN IRAN
	14	00 06 07.1*	28.196	S	177.076	W	150	?	4.7		1.3	30	KERMADEC ISLANDS REGION
	14	00 43 24.5&	60.020	N	140.516	W	13					44	SOUTHEASTERN ALASKA. <AEIC>. ML 3.5 (AEIC), 3.5 (PGC).
	14	01 03 58.7	11.601	N	87.193	W	23	D	4.6	4.1	1.2	53	NEAR COAST OF NICARAGUA
	14	01 10 45.2?	12.09	N	87.11	W	33	N	4.5		1.4	9	NEAR COAST OF NICARAGUA
	14	02 15 48.4?	12.21	N	87.32	W	27	D	4.6		1.2	17	NEAR COAST OF NICARAGUA
	14	02 36 14.4	43.217	N	13.007	E	10	G			1.3	32	CENTRAL ITALY. MD 3.1 (FIR), 3.0 (TRI). ML 3.0 (LDG).
	14	02 46 49.1*	36.290	N	141.056	E	33	N	4.7		1.7	18	NEAR EAST COAST OF HONSHU, JAPAN
	14	04 49 49.3%	34.045	S	70.146	W	10	G			0.7	10	CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
	14	05 25 15.4&	64.468	N	165.936	W	0					11	NORTHERN ALASKA. <AEIC>. ML 3.7 (AEIC), 3.5 (PMR). Felt at Nome.
	14	05 35 50.7	36.652	N	116.270	W	5	G			0.5	12	CALIFORNIA-NEVADA BORDER REGION. ML 3.0 (GS).
	14	07 54 17.4&	35.031	N	116.973	W	4					14	CENTRAL CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.0 (GS). Felt (III) at Daggett. Also felt at Barstow.
	14	08 31 07.0&	64.671	N	165.795	W	0		3.7			16	NORTHERN ALASKA. <AEIC>. ML 3.9 (AEIC), 3.8 (PMR). Felt (IV) at Nome.
	14	08 34 36.1%	10.094	N	84.237	W	10	G			1.3	8	COSTA RICA. MD 4.5 (SJR). Felt (IV) at Fraijanes and (III) at San Jose.
	14	09 13 39.1?	17.14	N	100.39	W	33	N			1.3	6	GUERRERO, MEXICO
	14	09 46 49.2	41.101	N	28.683	E	10	G			0.9	9	TURKEY
	14	10 01 20.0%	37.309	N	14.308	E	10	G			0.3	5	SICILY
	14	10 07 23.6%	41.206	N	35.891	E	10	G			1.5	7	TURKEY. MG 3.4 (DDA).
	14	11 34 27.3%	44.381	N	7.587	E	10	G			0.6	5	NORTHERN ITALY. ML 2.0 (LDG).
	14	11 51 29.6	19.084	S	69.182	W	111	D	4.8		1.2	50	NORTHERN CHILE
	14	12 21 45.1	38.542	N	21.608	E	10	G	3.9		1.3	47	GREECE. MD 3.6 (ATH), 3.5 (THE). ML 3.6 (TTG), 3.5 (TIR).
	14	12 46 53.7&	37.571	N	118.869	W	8					28	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.5 (GM). ML 3.5 (BRK), 3.0 (GS). Felt (III) at Mammoth Lakes, California.
	14	13 09 40.0*	47.292	N	11.252	E	10	G			1.0	6	AUSTRIA. ML 2.4 (VIE).
a	14	13 16 28.9	21.389	N	117.771	E	17	D	5.3	5.4	1.4	80	TAIWAN REGION. Felt in Macau.
	14	13 20 09.7	44.926	N	6.686	E	10	G			0.7	44	FRANCE. ML 3.0 (LDG), 2.9 (GEN), 2.4 (STR).
	14	13 36 34.9?	21.32	N	117.86	E	10	G	4.1		0.8	5	TAIWAN REGION. ML 4.1 (BJI).
	14	13 53 05.9	6.986	N	126.845	E	63	D	4.7		1.0	27	MINDANAO, PHILIPPINE ISLANDS
	14	14 38 50.3&	66.148	N	148.945	W	10	G				10	NORTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
	14	15 04 00 2%	44.882	N	6.580	E	10	G			0.3	7	FRANCE. ML 1.8 (GEN).
	14	15 15 04.4?	21.44	N	117.96	E	10	G	4.1		0.6	4	TAIWAN REGION. ML 4.0 (BJI).
	14	15 20 14.3%	43.172	N	20.148	E	10	G			0.5	8	NORTHWESTERN BALKAN REGION. ML 1.9 (TTG).
	14	17 15 00.3	22.733	S	175.071	W	50	?	5.0	4.8	1.2	73	TONGA ISLANDS REGION
	14	17 23 17.4	84.237	N	1.048	E	10	G	4.5	4.1	1.4	27	NORTH OF SVALBARD
	14	17 40 39.0?	40.13	N	28.28	E	10	G			0.5	4	TURKEY
	14	19 28 53.4?	42.99	N	104.67	E	10	G			0.5	4	MONGOLIA. ML 3.8 (BJI).
a	14	20 33 30.5	54.315	N	166.672	E	38	D	5.5	5.0	1.0	301	KOMANDORSKY ISLANDS REGION
	14	21 47 44.6*	13.755	N	92.041	W	33	D	4.6		1.3	33	OFF COAST OF CHIAPAS, MEXICO
	14	21 48 51.7?	54.79	N	165.70	E	33	N	4.5		0.7	7	KOMANDORSKY ISLANDS REGION
	14	22 51 54.1	42 930	N	0.178	W	5	G			1.1	11	PYRENEES. ML 2.4 (LDG).
	14	23 01 40.5	53.061	N	159.926	E	37	D	4.9	4.6	1.0	92	NEAR EAST COAST OF KAMCHATKA. Felt (II) at Petropavlovsk-Kamchatskiy.
	14	23 03 24.0&	58.037	N	151.647	W	0					39	KODIAK ISLAND REGION. <AEIC>. ML 3.1 (AEIC).
	14	23 44 25.9	11.666	N	86.989	W	33	N	4.7	4.7	1.1	57	NEAR COAST OF NICARAGUA
	14	23 54 27.5	54.129	N	166.660	E	28	D	4.8	4.6	1.2	78	KOMANDORSKY ISLANDS REGION
	15	00 29 57.8?	6.07	S	26.30	E	10	G	4.5		1.7	5	ZAIRE
	15	01 05 35.7?	38.51	N	22.10	E	10	G			0.6	8	GREECE
	15	01 17 51.7*	11.402	N	87.237	W	33	N	4.3		1.2	19	NEAR COAST OF NICARAGUA
	15	01 25 52.6*	9.513	N	40.515	W	10	G	4.7		1.1	19	CENTRAL MID-ATLANTIC RIDGE
	15	02 15 48.3	6.814	N	72 959	W	166		4.5		0.8	39	NORTHERN COLOMBIA
	15	02 20 42.7	33.321	N	141.798	E	26	D	4.8	4.6	1.3	68	OFF EAST COAST OF HONSHU, JAPAN
	15	02 24 05.0?	19.56	S	178.11	W	576	?	4.7		1.4	16	FIJI ISLANDS REGION
a	15	02 28 00.4	21.042	S	178.763	W	581	D	5.3		1.0	238	FIJI ISLANDS REGION
	15	02 59 27.4	38.289	N	21.785	E	10	G	3.8	3.4	1.2	51	GREECE. MD 3.8 (ATH), 3.6 (THE). ML 3.5 (TIR).
	15	03 46 31.3?	11.26	S	118 68	E	33	N	4.3		1.2	7	SOUTH OF SUMBAWA, INDONESIA
	15	04 07 26.4	12 295	S	14.776	W	10	G	5.0		0.7	34	SOUTHERN MID-ATLANTIC RIDGE
a	15	04 19 35.0*	36.278	S	100.224	W	10	G	5.1	4.9	1.1	79	SOUTHERN PACIFIC OCEAN
	15	04 27 24.5	37.323	N	21.964	E	10	G	3.7		1.1	15	SOUTHERN GREECE. MD 3.3 (ATH).
	15	05 04 50.0*	46.610	N	153.198	E	33	N	4.7		1 3	28	KURIL ISLANDS
	15	05 48 07.1?	55.94	N	166.57	E	33	N	4.4		0.5	6	KOMANDORSKY ISLANDS REGION
	15	06 15 00.2&	62.959	N	149.550	W	83					63	CENTRAL ALASKA. <AEIC>.
	15	06 23 38.1	45.568	N	10.450	E	10	G			1.2	16	NORTHERN ITALY. ML 2.7 (VIE).
	15	06 49 37.0	39.897	N	24.334	E	10	G			0.5	8	AEGEAN SEA. MD 2.7 (THE).
	15	06 55 48.4	10.893	N	86.370	W	24	D	4.6	4.1	1.0	62	OFF COAST OF COSTA RICA

	15	07 24 14.0*	27.617	N	34.293	E	10	G			0.5	7	RED SEA. MD 3.8 (HLW).
	15	08 13 26 9*	39.941	N	24.223	E	10	G			0.7	7	AEGEAN SEA
	15	08 25 30.4*	32.447	S	69.467	W	154	?			0.5	13	MENDOZA PROVINCE, ARGENTINA. MD 3.4 (SAN).
	15	08 36 58.5?	39.11	N	27.69	E	10	G			0.1	4	TURKEY
	15	08 41 22.8%	44 559	N	7.268	E	36	?			0.2	6	NORTHERN ITALY. ML 2.0 (GEN).
a	15	08 47 11.2&	34.064	N	116.361	W	9		4.8	4.8		118	SOUTHERN CALIFORNIA. <PAS-P> ML 5.2 (PAS), 5.6 (BRK), 4.9 (GS). Felt (V) at Angelus Oaks and Big Bear City; (IV) at Apple Valley, Bloomington, Brea, Carlsbad, Costa Mesa, Duarte, Garden Grove, Hesperia, Highland, La Quinta, Mecca, Morongo Valley, Pioneertown, Temecula and Yucca Valley; (III) at Alta Loma, Camp Pendleton, Cerritos, Chino Hills, Covina, Crestline, Escondida, Forest Falls, Fountain Valley, Irvine, Laguna Niguel, Lake Forest, Loma Linda, Mission Viejo, Norwalk, Oceanside, Ontario, Palm Springs, Pasadena, Placentia, Upland and Vista. Felt in parts of Los Angeles, Orange, Riverside, San Bernardino and San Diego Counties.
	15	08 52 23.6	11.699	N	87.061	W	33	N	4.9	4.6	1.1	60	NEAR COAST OF NICARAGUA
	15	09 03 42.8	51.587	N	159.350	E	35	D	4.8	4.5	1.1	87	OFF EAST COAST OF KAMCHATKA
	15	09 16 26.3&	34.069	N	116.370	W	1					6	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	15	09 19 14.3&	34.069	N	116.360	W	1					6	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	15	09 34 03.4&	34.070	N	116.360	W	0					11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	15	09 42 54.1&	34.069	N	116.362	W	1					7	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	15	09 44 50.4&	34.055	N	116.386	W	1					7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	15	09 54 04.9&	58.459	N	155.379	W	117		3.3			82	ALASKA PENINSULA. <AEIC>.
	15	10 33 13.7?	39.14	N	27.61	E	10	G			0.2	4	TURKEY
	15	11 32 06.2?	41.48	N	22.42	E	10	G			0.3	7	NORTHWESTERN BALKAN REGION. ML 2.1 (SKO).
	15	11 42 47.0&	36.923	N	121.690	W	10					24	CENTRAL CALIFORNIA. <BRK>. ML 3.5 (BRK). Felt (IV) at Aromas, Gilroy, Mt. Herman and Watsonville. Felt (III) at Boulder Creek, Pacific Grove, Monterey, San Martin, Santa Cruz and Soquel.
	15	11 43 26.8*	6.749	S	129.494	E	129	*	4.8		1.1	16	BANDA SEA
	15	12 27 17.6?	42.27	N	23.90	E	10	G			0.8	7	BULGARIA. MD 3.0 (THE).
	15	13 11 29.7%	32.817	S	71.755	W	10	G			0.5	10	NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	15	13 11 33.8?	50.70	N	19.53	E	10	G			1.3	5	POLAND
	15	13 52 16.9%	44.357	N	7.383	E	10	G			0.9	9	NORTHERN ITALY. ML 1.8 (GEN).
	15	14 02 32.9%	40.544	N	31.013	E	10	G			0.5	6	TURKEY. MG 2.7 (DDA).
	15	15 30 25.1	8.663	S	74.505	W	148	D	4.7		0.9	47	PERU-BRAZIL BORDER REGION
	15	16 01 49.1?	32.01	S	70.91	W	70	?			0.9	11	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	15	16 52 03.3*	29.969	N	60.582	E	33	N	4.2		0.8	13	SOUTHERN IRAN
	15	17 07 29.2	21.335	N	93.758	E	33	N	4.7		1.2	50	MYANMAR
	15	17 47 28.7&	60 069	N	152.840	W	96					33	SOUTHERN ALASKA. <AEIC>.
	15	18 30 38.1*	36.413	N	20.604	E	10	G			1.2	10	CENTRAL MEDITERRANEAN SEA. MD 3.3 (ATH).
a	15	18 40 31.9	11.064	N	86.757	W	32	D	5.3	5.4	1.2	258	NEAR COAST OF NICARAGUA. Felt at Casares, Huehuete, La Boquito and Montelimar.
	15	19 59 12.4%	33.312	S	71.366	W	49	?			0.3	10	NEAR COAST OF CENTRAL CHILE. MD 3.5 (SAN).
	15	20 28 31.0%	33.145	S	70 275	W	10	G			0.2	10	CHILE-ARGENTINA BORDER REGION MD 3.5 (SAN).
f	15	21 03 59.9	14.053	S	167.269	E	184	G	6.3		1.0	479	VANUATU ISLANDS. Mo=5 0*10**18 Nm (PPT). Depth from broadband displocemnt seismograms.
	15	21 29 46.3?	43.16	N	20.12	E	5	G			0.5	6	NORTHWESTERN BALKAN REGION. ML 1.7 (TTG).
	15	21 35 34.9*	15.191	N	93.274	W	97	D	4.2		1.2	22	NEAR COAST OF CHIAPAS, MEXICO
	15	21 44 33.8?	14.92	S	167.28	E	133	*	4.8		1.0	21	VANUATU ISLANDS
	15	21 56 34.2&	34.068	N	116.375	W	1					7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 2.6 (GS).
	15	22 51 20.6?	15.98	N	60.15	W	27	*			0.3	7	LEEWARD ISLANDS. ML 3.3 (FDF).
	15	23 25 37.3&	35 150	N	116.866	W	2					8	CENTRAL CALIFORNIA. <PAS-P>. ML 2.8 (PAS), 2.4 (GS).
	15	23 25 55.3%	31.685	S	71.638	W	33	N			0.3	11	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	16	00 17 53.2	14.884	N	45.036	W	10	G	5.1	4.6	1.1	160	NORTHERN MID-ATLANTIC RIDGE
	16	00 25 02.6%	18.097	N	66.913	W	33	N			0.7	6	PUERTO RICO REGION
	16	00 43 41.5	46.626	N	145.637	E	364		4.3		1.1	43	SEA OF OKHOTSK
	16	01 45 19.3%	46.452	N	2.632	E	10	G			0.5	7	FRANCE. ML 1.4 (LDG).
	16	02 01 35.8?	46.46	N	2.62	E	10	G			1.1	4	FRANCE. ML 1.3 (LDG).
	16	02 08 30.4*	51.832	N	158.672	E	58	*	4.5		1.4	25	NEAR EAST COAST OF KAMCHATKA
	16	02 26 39.9	51.493	N	159.551	E	37	D	4.8	4.4	1.2	124	OFF EAST COAST OF KAMCHATKA
	16	02 58 59.7	42.916	N	0.990	W	10	G			0.8	18	PYRENEES. mbLg 2.6 (MDD). ML 2.5 (LDG).
	16	04 02 36.2*	40.644	N	72.470	E	33	N	3.9		1.7	7	KYRGYZSTAN
	16	04 09 00.1%	42.419	N	19.422	E	10	G			0.7	8	NORTHWESTERN BALKAN REGION. ML 1.4 (TTG).
a	16	04 23 16.1	11.645	N	93.590	E	149	D	5.3		1.0	349	ANDAMAN ISLANDS, INDIA. Felt on the Andaman and Nicobar Islands.
	16	04 59 54.3*	6 026	S	147.113	E	122	*	4.3		1.2	9	EASTERN NEW GUINEA REG., P.N.G.
	16	06 14 33 3&	36.003	N	119.916	W	12		4.2			41	CENTRAL CALIFORNIA. <GM-P>. MD 4.3 (GM). ML 4.3 (BRK), 4.2 (PAS). Felt (IV) at Kettleman City and (III) at Avenal, Lemoore, Reedley and Riverdale. Also felt at Coalinga and Lindsay.
	16	06 37 41 8&	36.001	N	119.918	W	9					13	CENTRAL CALIFORNIA. <GM-P>. MD 3.1 (GM). ML 3.1 (PAS), 3.0 (GS).
	16	06 54 09.1?	15.37	N	99.07	W	33	N			1.6	4	OFF COAST OF GUERRERO, MEXICO
	16	07 04 15.4*	22.400	S	68.917	W	165	*	4.2		1.3	11	NORTHERN CHILE
	16	07 38 44.0%	43.412	N	19.355	E	5	G			0.4	9	NORTHWESTERN BALKAN REGION. ML 1.9 (TTG).
	16	07 46 22.2	49.087	N	6.821	E	5	G			0.8	8	GERMANY. ML 2.3 (STR). MD 2.2 (UCC).
	16	07 46 24.4%	17.403	N	95.069	W	33	N			1.5	8	OAXACA, MEXICO
	16	07 52 52.8?	39.10	N	27.65	E	10	G			0.9	4	TURKEY
	16	08 30 54.1?	32.42	S	71.65	W	10	G			0.4	9	NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).
	16	09 11 24.6?	39.19	N	27.86	E	10	G			0.6	4	TURKEY
	16	09 29 01.7?	1.73	N	125.80	E	115	?	4.9		0.4	10	NORTHERN MOLUCCA SEA
	16	09 34 05.9%	41.112	N	28.713	E	10	G			0.3	5	TURKEY
	16	09 47 48.8?	36.81	S	102.15	W	10	G	4.7		1.0	20	SOUTHERN PACIFIC OCEAN
	16	09 51 19.0?	21.18	N	117.67	E	10	G	4.2		1.3	6	TAIWAN REGION. ML 4.1 (BJI).
	16	11 34 53.6*	20.548	S	66.823	W	245	*	4.4		1.1	9	SOUTHERN BOLIVIA
	16	12 03 18.5*	44.118	N	17.594	E	10	G			1.0	11	NORTHWESTERN BALKAN REGION. ML 2.6 (TTG), 2.2 (LJU).
	16	12 25 07.8%	40.620	N	34.823	E	10	G			1.2	6	TURKEY
	16	12 27 22.0&	34.054	N	116.387	W	1					17	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.7 (PAS), 3.3 (GS). Slight damage (VI) at Coachella. Felt (IV) at La Quinta, (III) at Morongo Valley and (II) at Yucca

														Valley.
	16	13	05	54.9?	23.82	S	179.88	E	550	G	4.9	0.8	21	SOUTH OF FIJI ISLANDS
	16	13	10	20.9&	59.125	N	153.710	W	103				43	SOUTHERN ALASKA. <AEIC>.
	16	14	05	44.0*	54.535	N	166.553	E	30	D	4.6	1.1	41	KOMANDORSKY ISLANDS REGION
	16	14	31	03.8&	34.274	N	116.475	W	7				10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 2.8 (GS). Felt.
	16	14	37	06.4&	34.310	N	116.446	W	2				4	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	16	16	03	10.7	45.765	N	7.270	E	5	G		1.4	17	NORTHERN ITALY. ML 2.5 (GEN), 2.4 (LDG).
	16	16	31	49.8?	18.58	N	67.39	W	33	N		0.5	7	MONA PASSAGE
	16	17	16	03.1*	31.432	S	68.724	W	110	G		1.0	11	SAN JUAN PROVINCE, ARGENTINA. MD 4.0 (SAN).
	16	17	43	22.7	46.810	N	150.480	E	201	D	4.7	1.0	132	KURIL ISLANDS
	16	18	25	50.5*	34.211	N	79.326	E	33	N	4.4	1.4	12	KASHMIR-XIZANG BORDER REGION
	16	18	34	46.6*	6.337	S	26.622	E	10	G	4.6	1.7	7	ZAIRE
	16	18	50	03.3	35.603	N	80.409	E	33	N	4.4	1.5	21	KASHMIR-XIZANG BORDER REGION
	16	19	13	03.3*	24.468	S	70.709	W	42	D	4.8	1.6	21	NEAR COAST OF NORTHERN CHILE
	16	20	16	47.3?	38.85	N	26.56	E	10	G		0.5	4	AEGEAN SEA
	16	21	16	36.2?	40.65	N	15.75	E	10	G		0.6	4	SOUTHERN ITALY
	16	21	19	09.8%	41.347	N	23.251	E	10	G		0.7	5	GREECE-BULGARIA BORDER REGION
	16	21	21	27.1	14.129	N	92.330	W	33	N	4.7 4.1	1.0	64	NEAR COAST OF CHIAPAS, MEXICO
	16	22	44	31.5	44.853	N	143.657	E	274	D	4.6	1.1	92	HOKKAIDO, JAPAN REGION
	16	23	09	54.1?	23.71	S	179.96	W	500	G	4.8	1.3	14	SOUTH OF FIJI ISLANDS
	16	23	23	38.0?	40.67	N	23.49	E	10	G		0.6	4	GREECE
a	16	23	51	51.2	12.134	N	87.616	W	56		4.9 5.1	1.2	122	NEAR COAST OF NICARAGUA. Felt (II) at San Salvador, El Salvador.
	17	00	22	54.0	0.055	S	129.807	E	33	N	4.8 4.7	1.3	22	HALMAHERA, INDONESIA
	17	01	15	03.7?	34.43	S	70.42	W	10	G		0.5	10	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	17	01	36	36.3*	11.039	N	87.253	W	33	N	4.2	0.6	15	NEAR COAST OF NICARAGUA
	17	01	38	08.0	40.692	N	23.539	E	10	G		0.9	9	GREECE. MD 2.1 (THE).
	17	01	40	05.9	40.809	N	23.807	E	10	G		0.8	11	GREECE. MD 2.5 (THE).
	17	02	37	00.3	41.069	N	20.337	E	10	G		1.0	13	ALBANIA. ML 3.0 (SKO), 2.5 (TIR).
	17	03	21	40.6%	40.697	N	23.525	E	10	G		0.5	5	GREECE
	17	03	26	09.9%	42.336	N	18.854	E	10	G		0.2	9	NORTHWESTERN BALKAN REGION. ML 1.8 (TTG).
	17	03	26	58.4?	51.56	N	16.14	E	10	G		1.2	6	POLAND
	17	05	01	43.1	10.839	N	86.253	W	33	N	4.8 4.6	1.2	49	OFF COAST OF COSTA RICA
	17	05	20	52.3	33.750	S	70.448	W	101			0.7	19	CHILE-ARGENTINA BORDER REGION. MD 4.2 (SAN).
	17	07	00	23.6*	55.417	N	167.044	E	33	N	4.4	1.3	14	KOMANDORSKY ISLANDS REGION
	17	07	02	08.9	44 432	N	129.481	W	10	G	4.8 5.3	1.2	99	OFF COAST OF OREGON
	17	07	02	42.5	44.470	N	129.534	W	10	G	5.0 5.3	1.2	66	OFF COAST OF OREGON
	17	07	04	05.3	44.411	N	129.501	W	10	G	4.5	1.1	42	OFF COAST OF OREGON
	17	07	31	30.1	47 540	N	7.499	E	10	G		0.5	10	SWITZERLAND. ML 2.4 (LDG), 1.9 (STR).
	17	07	55	38.3&	58.952	N	142.769	W	10	G			48	GULF OF ALASKA. <AEIC>. ML 3.3 (AEIC), 3 5 (PGC).
	17	08	00	36.2?	44.60	N	129.03	W	10	G		0.8	30	OFF COAST OF OREGON
	17	08	35	29.4%	39.065	N	27.609	E	10	G		0.5	5	TURKEY
	17	08	39	58.2?	44.49	N	129.10	W	10	G		0.5	20	OFF COAST OF OREGON
	17	08	39	59.0*	22.720	S	174.921	W	33	N	5.0	1.3	23	TONGA ISLANDS REGION
	17	08	45	28.5*	44 503	N	129.209	W	10	G		0.5	28	OFF COAST OF OREGON
	17	10	19	39.1%	39.141	N	27.516	E	10	G		1.0	5	TURKEY
	17	10	43	26 6&	61.252	N	152.205	W	8				41	SOUTHERN ALASKA. <AEIC>. ML 2.7 (AEIC).
	17	10	52	56.9?	51.35	N	16.07	E	10	G		1.2	5	POLAND. MG 2.9 (WAR).
	17	10	59	39.1*	59.085	N	5.866	E	10	G		0.8	9	SOUTHERN NORWAY. MD 2.8 (BER).
	17	11	22	32.9&	34.414	N	116.458	W	10				16	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.8 (PAS), 3.3 (GS). Felt (V) at Joshua Tree; (III) at Apple Valley and Victorville; (II) at Yucca Valley.
	17	11	30	02.7?	42.68	N	24.13	E	10	G		0.7	10	BULGARIA. MD 3.1 (THE).
	17	11	59	56 8*	66.448	N	14.753	E	10	G		0.7	6	NORTHERN NORWAY. MD 3.3 (BER).
	17	12	39	22.0?	45 94	N	13.90	E	10	G		0.4	4	NORTHERN ITALY. MD 1.2 (TRI).
	17	12	41	00.4*	39.432	N	70.829	E	33	N	4.0	0.4	7	TAJIKISTAN
	17	12	44	04.1%	38.264	N	2.597	W	10	G		1.6	5	SPAIN. mbLg 2.9 (MDD).
	17	12	44	21.9?	41.11	N	28.48	E	10	G		0.4	4	TURKEY
	17	13	51	00.7*	21.068	S	168.475	E	31	D	4.9	1.1	33	LOYALTY ISLANDS
	17	15	18	25.3?	7.52	S	127.97	E	180	?	4.6	1.3	9	BANDA SEA
	17	16	20	46.2*	48.725	N	10.118	E	10	G		1.1	5	GERMANY. ML 2.5 (GRF), 2.4 (FUR).
	17	16	24	18.0?	37.64	N	20.33	E	10	G		1.3	4	IONIAN SEA. MD 3.1 (ATH).
	17	16	31	03.9?	17.13	S	167.83	E	33	N	4.7	1.3	5	VANUATU ISLANDS
	17	17	46	52.0*	66.996	N	20.943	E	10	G		0.6	5	SWEDEN. MD 3.4 (BER).
	17	18	39	45.2%	44.115	N	6.862	E	10	G		0.6	6	FRANCE. ML 2.5 (LDG).
	17	18	48	52.9&	63.031	N	149.803	W	91				59	CENTRAL ALASKA. <AEIC>.
	17	18	57	28.9*	4.261	S	152.550	E	80	*	4.6	1.0	11	NEW BRITAIN REGION, P.N.G.
	17	19	48	03.5	6.714	N	126.953	E	95		4.9	0.8	26	MINDANAO, PHILIPPINE ISLANDS
	17	19	52	05.0&	61.168	N	150.436	W	46		3.8		90	SOUTHERN ALASKA. <AEIC>. ML 3.8 (AEIC), 3.7 (PMR). Felt (III) at Anchorage and Eagle River; (II) at Palmer and Wasilla.
	17	21	41	20.1*	6.613	S	154.468	E	77	*	4.5	0.9	15	SOLOMON ISLANDS
	17	21	42	00.7%	44.026	N	6.869	E	10	G		0.2	5	FRANCE. ML 2.2 (LDG).
	17	22	16	16.4&	60.035	N	140.496	W	12		5.4 4.2		296	SOUTHEASTERN ALASKA. <AEIC>. ML 4.8 (AEIC), 4.8 (PMR), 5.1 (PGC).
	17	23	01	22.1&	59.982	N	140.524	W	9				38	SOUTHEASTERN ALASKA. <AEIC>. ML 3.5 (AEIC), 3.7 (PGC).
	17	23	01	33.7?	15.54	N	60.85	W	33	N		0.0	4	LEEWARD ISLANDS. ML 2.4 (FDF).
	17	23	26	46.0*	36 156	N	68.791	E	33	N	3.8	1.0	9	HINDU KUSH REGION, AFGHANISTAN
	18	00	16	21.8%	33 598	S	71.993	W	10	G		0.6	12	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	18	00	29	25.6%	40.576	N	23.661	E	10	G		0.8	6	GREECE
	18	01	07	01.7	24 084	N	122.293	E	29	D	5.1 4.8	1.0	147	TAIWAN REGION. ML 4.7 (BJI).
	18	02	34	25.5%	44 833	N	6.709	E	5	G		0.7	5	FRANCE. ML 1.9 (GEN).
	18	02	57	53.5	44 285	N	147.522	E	33	N	4.8	0.8	40	KURIL ISLANDS
	18	03	03	15.1?	38 99	N	29.57	E	10	G		1.1	4	TURKEY
	18	03	32	29.7&	59.906	N	140.517	W	15	G			17	SOUTHEASTERN ALASKA. <PGC-P>. ML 2.4 (PGC), 2.6 (AEIC).
	18	04	21	08.7%	40 620	N	23.485	E	10	G		0.3	7	GREECE. MD 1.9 (THE).
	18	04	58	19.9	18 066	N	101.422	W	71		4.0	0.9	27	GUERRERO, MEXICO
	18	05	03	43.4?	39 94	N	19.65	E	10	G		1 6	7	GREECE-ALBANIA BORDER REGION. ML 2.0 (TIR).
	18	05	31	41.5%	36.727	N	4.350	W	33	N		1.1	9	STRAIT OF GIBRALTAR. mbLg 2.9 (MDD).
	18	05	34	31.7%	43.067	N	0.652	W	5	G		0.1	6	PYRENEES. ML 1.0 (STR).
a	18	06	00	56.3*	20.409	S	177.872	W	495	*	4.9	1.1	46	FIJI ISLANDS REGION
	18	06	58	30.9?	3.59	N	82.78	W	33	N	4.7	0.9	18	SOUTH OF PANAMA

	18	07	08	57.5&	60	566	N	145.487	W	17				71	SOUTHERN ALASKA. <AEIC>. ML 3.4 (AEIC), 3.4 (PMR). Felt (III) at Cordovo.
	18	07	34	15.3*	22.810		S	66.178	W	254 *	4.5		1.4	20	JUJUY PROVINCE, ARGENTINA
	18	08	09	04.1*	1.755		N	128.250	E	107 *	4.7		0.7	12	HALMAHERA, INDONESIA
	18	08	57	35.7%	39.108		N	27.636	E	10 G			0.3	6	TURKEY
o	18	09	30	41.5	3.394		N	83.044	W	15 D	5.1	4.5	1.1	98	OFF COAST OF CENTRAL AMERICA
	18	09	43	57.3*	44.064		N	153.871	E	33 N	4.1		0.9	7	EAST OF KURIL ISLANDS
	18	10	04	24.1%	44.582		N	8.408	E	5 G			0.2	8	NORTHERN ITALY. ML 2.0 (GEN).
	18	10	08	38.2%	44.600		N	8.430	E	5 G			0.5	8	NORTHERN ITALY. ML 1.8 (GEN).
	18	10	47	57.8&	60.043		N	152.559	W	95				61	SOUTHERN ALASKA. <AEIC>.
o	18	10	50	34.1	3.454		N	82.916	W	18 D	5.4	4.8	0.9	148	SOUTH OF PANAMA
	18	10	52	58.9&	34.053		N	116.386	W	1				12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.2 (GS). Felt.
	18	11	42	37.0?	21.72		N	117.36	E	10 G	4.2		1.6	10	TAIWAN REGION. ML 4.1 (BJI).
	18	11	45	09.3%	39.269		N	27.622	E	10 G			1.5	6	TURKEY
	18	11	50	47.4&	59.445		N	151.837	W	53				54	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.9 (AEIC), 3.0 (PMR).
	18	12	14	53.3%	42.832		N	19.273	E	10 G			0.3	8	NORTHWESTERN BALKAN REGION. ML 1.6 (TTG).
	18	12	28	37.9?	40.83		N	23.86	E	10 G			0.9	4	GREECE. MD 1.9 (THE).
	18	12	35	57.9?	42.37*		N	24.10	E	10 G			1.2	7	BULGARIA
	18	12	36	32.3*	6.799		S	130.834	E	126 ?	4.9		1.0	7	BANDA SEA
	18	12	46	25.8	38.650		N	30.746	E	10 G			1.0	22	TURKEY. MG 3.4 (DDA).
	18	12	53	35.5&	34.052		N	116.384	W	1				18	SOUTHERN CALIFORNIA. <PAS-P>. MD 3.7 (PAS). ML 3.6 (GS). Felt (IV) at La Quinta, (III) at Pioneertown and (II) at Morongo Valley. Also felt at Oceanside and Yucca Valley.
	18	12	54	33.8&	34.057		N	116.376	W	6				6	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.7 (PAS), 3.4 (GS). Felt.
	18	13	02	53.5%	37.471		N	29.720	E	10 G			1.6	5	TURKEY
	18	13	08	32.6%	39.725		N	28.007	E	10 G			0.4	5	TURKEY
	18	13	24	52.2	39.590		N	20.277	E	10 G			1.2	10	GREECE-ALBANIA BORDER REGION. MD 3.0 (ATH), 2.7 (THE).
	18	13	40	40.1	3.515		N	83.072	W	33 N	4.9	4.7	1.0	48	OFF COAST OF CENTRAL AMERICA
	18	14	16	38.2%	40.692		N	28.957	E	10 G			0.8	5	TURKEY
	18	15	09	30.9*	41.576		N	22.296	E	10 G			0.4	5	NORTHWESTERN BALKAN REGION. ML 2.1 (SKO).
	18	15	11	37.9	37.974		N	102.261	E	10 G	4.2		1.2	11	GANSU, CHINA. ML 4.0 (BJI).
	18	15	39	57.1%	40.753		N	22.780	E	5 G			0.5	6	GREECE
	18	16	46	35.2	21.336		N	117.680	E	21 D	4.8	4.4	1.4	32	TAIWAN REGION. ML 4.8 (BJI).
	18	17	00	00.0&	37.207		N	116.210	W	0	4.4			43	SOUTHERN NEVADA. <DOE>. 37° 12' 24.93" N., 116° 12' 35.94" W., Surface Elev. 2239 m., Depth of Burial 385 m., Shot Time 170000.008, "HUNTERS TROPHY," Nevada Test Site (Dept. of Energy).
	18	17	05	55.4	11.304		N	87.387	W	30 D	4.6		1.1	36	NEAR COAST OF NICARAGUA
	18	17	34	22.9?	15.99		N	99.94	W	33 N			0.9	6	OFF COAST OF GUERRERO, MEXICO
	18	17	44	45.0?	42.65		N	7.89	E	10 G			0.2	5	WESTERN MEDITERRANEAN SEA. ML 2.0 (LDG).
	18	19	24	55.2?	43.08		N	13.44	E	10 G			0.9	4	CENTRAL ITALY
	18	20	37	19.2?	44.51		N	6.82	E	10 G			0.0	4	FRANCE. ML 1.3 (GEN).
	18	23	09	33.6&	35.839		N	117.669	W	8				14	CENTRAL CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 2.8 (GS).
	18	23	30	16.7&	33.387		N	119.648	W	6 G				6	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	18	23	52	35.7	28.669		N	66.193	E	24 D	4.9	4.5	1.1	138	PAKISTAN
	19	02	47	23.4*	51.078		N	15.856	E	10 G			1.7	7	POLAND. MG 2.6 (WAR).
	19	03	17	39.5&	39.693		N	120.207	W	13				36	NORTHERN CALIFORNIA <BRK>. ML 4.0 (BRK), 3.8 (GS). Felt (V) at Chilcoot and Loyalton; (IV) at Beckwourth, Sierroville and Vinton; (II) at Colpine.
	19	03	19	58.5*	29.007		N	129.320	E	33 N	4.6		1.3	12	RYUKYU ISLANDS
	19	05	14	01.2	27.523		S	68.959	W	89 *	4.4		1.3	24	CHILE-ARGENTINA BORDER REGION
	19	05	31	06.6	28.162		N	56.820	E	33 N	4.2		0.9	22	SOUTHERN IRAN
	19	05	54	38.1%	59.076		N	5.794	E	10 G			0.1	5	SOUTHERN NORWAY. MD 1.4 (BER).
	19	06	13	45.9%	42.642		N	18.979	E	10 G			0.4	8	NORTHWESTERN BALKAN REGION. ML 1.6 (TTG).
	19	06	45	36.2%	42.646		N	18.975	E	10 G			0.4	9	NORTHWESTERN BALKAN REGION. ML 1.6 (TTG).
	19	06	58	07.6%	41.124		N	23.289	E	10 G			0.3	5	GREECE-BULGARIA BORDER REGION
	19	08	00	24.0?	31.96		S	71.36	W	70 G			0.3	10	NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).
	19	08	11	50.9?	30.46		S	177.02	W	33 N	4.7		1.4	6	KERMADEC ISLANDS, NEW ZEALAND
	19	08	15	15.3?	61.89		N	4.54	E	10 G			1.6	7	SOUTHERN NORWAY. MD 2.3 (BER).
	19	08	48	32.7	35.832		N	141.116	E	37 D	4.7	4.0	1.1	64	NEAR EAST COAST OF HONSHU, JAPAN
	19	09	24	58.1?	5.62		S	146.87	E	124 *	4.5		1.5	7	EASTERN NEW GUINEA REG., P.N.G.
	19	10	00	11.6	27.862		S	76.173	E	10 G	5.1		0.8	46	MID-INDIAN RIDGE
	19	11	01	51.2*	51.115		N	15.833	E	10 G			1.0	8	POLAND
	19	11	06	40.1%	39.217		N	27.777	E	10 G			0.6	6	TURKEY
	19	12	24	22.1?	27.31		N	127.72	E	33 N	4.2		0.9	8	RYUKYU ISLANDS
	19	12	30	05.7*	9.784		N	78.836	W	33 N	4.3		1.2	23	PANAMA. Felt at Panama City.
	19	13	16	51.4%	44.993		N	6.786	E	5 G			0.2	5	FRANCE. ML 1.5 (GEN).
	19	13	19	19.7%	43.083		N	13.431	E	10 G			1.3	5	CENTRAL ITALY
	19	14	20	04.5	6.250		S	26.658	E	16 D	4.8		1.0	69	ZAIRE. mbLg 4.6 (BUL). Felt at Kabalo.
	19	15	49	56.5&	34.386		N	116.454	W	2				9	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	19	17	44	49.1?	7.27		S	128.44	E	126 ?	4.4		1.0	12	BANDA SEA
	19	18	46	28.8?	16.59		N	96.87	W	19 *			0.9	9	OAXACA, MEXICO
	19	19	15	40.9%	44.944		N	6.608	E	10 G			0.3	8	FRANCE. ML 1.6 (GEN).
	19	19	59	26.2?	7.39		S	126.46	E	347 ?	4.7		0.8	8	BANDA SEA
	19	21	33	14.9&	60.172		N	152.951	W	127				74	SOUTHERN ALASKA. <AEIC>.
	19	21	49	39.6%	34.113		S	70.512	W	100 G			0.2	11	CHILE-ARGENTINA BORDER REGION. MD 3.8 (SAN).
	19	22	00	26.6%	17.820		N	99.962	W	31			1.1	11	GUERRERO, MEXICO
	19	22	09	23.0&	60.770		N	151.831	W	78				42	KENAI PENINSULA, ALASKA. <AEIC>.
	19	22	17	48.8%	38.153		N	15.135	E	10 G			0.6	5	SICILY
o	19	22	34	34.6*	22.886		S	174.747	W	33 N	5.2	4.8	1.4	78	TONGA ISLANDS REGION
	19	22	59	32.7	6.742		N	73.000	W	178 *	4.9		0.8	29	NORTHERN COLOMBIA
	19	23	04	47.1&	38.863		N	122.793	W	2	4.5			56	NORTHERN CALIFORNIA. <BRK>. ML 4.9 (BRK), 4.5 (GS). Felt (V) at Cobb and Finley; (IV) at Clearlake Park, Kelseyville and Middletown; (III) at Calistoga, Clearlake, Lower Lake and St. Helena.
	19	23	22	48.4&	38 860		N	122.797	W	2				18	NORTHERN CALIFORNIA. <BRK>. ML 3.6 (BRK).
	19	23	28	09.3	15.734		S	168.154	E	21 D	5.1	4 5	1.2	82	VANUATU ISLANDS
	19	23	36	54.5	38.825		N	0.141	W	10 G			1.3	14	SPAIN mbLg 2 9 (MDD).
a	20	00	12	17.5	17.545		S	178.766	W	543 D	5.2		1 3	116	FIJI ISLANDS REGION

	20	01	23	31.4&	62.397	N	148.956	W	48				76	CENTRAL ALASKA. <AEIC>. ML 3.3 (AEIC), 3.6 (PMR).
	20	01	37	15.9	41.119	N	22.420	E	10	G		0.5	10	NORTHWESTERN BALKAN REGION. ML 1.9 (SKO). MD 1.8 (THE).
	20	01	52	25.0	53.114	N	161.575	E	33	N	4.7	1.4	55	OFF EAST COAST OF KAMCHATKA
	20	02	02	14.3?	47.32	N	7.55	E	10	G		0.3	4	SWITZERLAND. ML 2.0 (LDG).
	20	02	07	56.4*	31.792	S	68.446	W	131	*		0.9	16	SAN JUAN PROVINCE, ARGENTINA MD 4.0 (SAN).
	20	02	12	42.2?	4.19	S	151.82	E	179	*	4.7	0.4	8	NEW BRITAIN REGION, P.N.G.
	20	02	47	48.3*	6.811	N	72.638	W	150	*	4.2	1.4	12	NORTHERN COLOMBIA
	20	03	43	13.3%	42.421	N	19.421	E	10	G		0.6	9	NORTHWESTERN BALKAN REGION. ML 1.7 (TTG).
	20	04	36	07.9	11.507	N	87.115	W	33	N	4.8 4.1	1.2	54	NEAR COAST OF NICARAGUA
	20	04	51	54.0	22.146	S	179.531	W	588	*	5.1	1.0	61	SOUTH OF FIJI ISLANDS
	20	05	01	31.6	36.582	N	5.388	E	10	G	4.0	0.8	54	NORTHERN ALGERIA. mbLg 3.6 (MDD).
	20	05	59	00.6*	20.223	N	120.627	E	35	D	4.3	0.9	11	PHILIPPINE ISLANDS REGION
	20	07	46	51.1?	36.42	N	21.57	E	10	G		1.0	5	SOUTHERN GREECE. MD 3.4 (ATH).
	20	07	59	46.8	37.020	N	33.011	W	10	G	5.0 4.7	0.8	178	AZORES ISLANDS REGION
	20	08	32	33.5&	62.936	N	149.251	W	78				84	CENTRAL ALASKA. <AEIC>.
	20	09	11	19.6&	58.964	N	154.070	W	106				32	ALASKA PENINSULA. <AEIC>.
	20	09	26	25.8?	39.13	N	27.48	E	10	G		0.2	4	TURKEY
	20	09	43	18.8*	13.962	S	166.723	E	33	N	4.8	1.4	26	VANUATU ISLANDS
	20	10	06	15.3*	3.508	N	82.797	W	33	N	4.5	1.1	20	SOUTH OF PANAMA
	20	10	07	43.9&	34.929	N	116.769	W	1				11	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	20	10	40	32.8?	39.05	N	27.74	E	10	G		0.1	4	TURKEY
	20	11	32	29.6%	39.961	N	23.410	E	10	G		0.7	9	AEGEAN SEA. MD 1.7 (THE).
	20	12	45	22.2	7.313	N	127.076	E	46	*	4.8 4.5	0.9	44	PHILIPPINE ISLANDS REGION
	20	13	06	45.9*	7.302	N	126.897	E	83	*	4.7	0.9	17	MINDANAO, PHILIPPINE ISLANDS
	20	13	28	19.9?	34.81	S	107.82	W	10	G	4.9 4.7	1.6	24	SOUTHERN EAST PACIFIC RISE
	20	14	13	23.0?	10.83	N	86.15	W	33	N	4.4	1.3	17	OFF COAST OF COSTA RICA
	20	14	16	19.3%	46.173	N	2.079	E	10	G		0.5	10	FRANCE. ML 1.4 (LDG).
	20	14	19	33.3&	33.910	N	116.768	W	19				10	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.3 (PAS), 3.0 (GS). Felt (IV) at Yucaipa.
	20	14	53	19.7?	40.82	N	28.06	E	10	G		1.1	4	TURKEY
	20	18	01	05.2*	13.821	N	60.996	W	10	G		0.8	11	WINDWARD ISLANDS. MD 3.7 (TRN). ML 3.3 (FDF). Felt on St. Lucia.
	20	18	59	05.9%	43.213	N	18.952	E	5	G		0.5	8	NORTHWESTERN BALKAN REGION. ML 2.1 (TTG).
	20	19	01	06.4%	16.761	N	100.036	W	25	*		0.9	8	NEAR COAST OF GUERRERO, MEXICO
	20	19	51	01.3%	43.250	N	18.925	E	5	G		0.3	9	NORTHWESTERN BALKAN REGION. ML 1.9 (TTG).
	20	20	13	27.7%	40.768	N	23.133	E	10	G		0.2	8	GREECE. MD 2.0 (THE).
	20	20	45	15.9&	33.806	N	118.585	W	6	G			20	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	20	21	14	02.8&	61.590	N	147.296	W	10				48	SOUTHERN ALASKA. <AEIC>. ML 2.6 (AEIC).
	20	21	27	56.4	45.600	N	14.282	E	10	G		1.3	10	NORTHWESTERN BALKAN REGION. MD 3.0 (LJU), 2.5 (TRI). ML 2.5 (VIE), 2.3 (ZAG). Felt (IV) at Jelsane, Slovenia.
	20	21	32	33.1*	36.320	N	70.916	E	137	?	4.7	1.6	26	HINDU KUSH REGION, AFGHANISTAN
	20	23	03	45.1	42.944	N	17.985	E	10	G		0.6	13	ADRIATIC SEA. MD 3.4 (LJU), 2.7 (TTG).
	21	00	00	51.0	40.675	N	21.593	E	10	G		0.5	11	GREECE. MD 2.1 (THE).
	21	00	01	27.4%	38.525	N	6.783	W	10	G		0.8	8	SPAIN. mbLg 3.5 (MDD). Felt (III) in the Barcarrota area.
	21	00	36	18.0?	38.37	N	25.91	E	10	G		1.4	6	AEGEAN SEA
	21	02	06	42.6?	19.01	N	66.49	W	33	N		0.3	7	PUERTO RICO REGION
	21	02	32	05.1	40.546	N	22.494	E	10	G		0.3	11	GREECE MD 1.9 (THE).
	21	03	20	22.0?	42.38	N	76.91	E	33	N	3.7	1.2	7	LAKE ISSYK-KUL REGION. Felt in the Lake Issyk-Kul area.
	21	03	44	52.6	40.448	N	30.127	E	10	G	3.7	1.0	25	TURKEY. Felt at Bilecik and Adapazari.
	21	07	35	08.1&	36.099	N	117.401	W	0				20	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 3.4 (PAS), 3.2 (GS).
	21	07	47	31.6?	38.04	N	27.55	E	10	G		1.0	6	TURKEY
	21	07	58	13 9&	61.641	N	150.953	W	57				74	SOUTHERN ALASKA. <AEIC>. ML 2.9 (AEIC), 3.2 (PMR). Felt (IV) at Skwentna.
	21	08	07	35.2*	40.474	N	21.921	E	10	G		1.2	5	GREECE
	21	09	14	56.0%	44.735	N	6 731	E	10	G		0.3	5	FRANCE
	21	09	22	26.7?	14.03	N	91.07	W	33	N	4.5	1.3	14	GUATEMALA
a	21	10	18	49.3	7.816	S	13.585	W	10	G	5.8 5.4	1.1	308	ASCENSION ISLAND REGION. Mo=1.0*10**18 Nm (PPT). Felt on Ascension Island.
	21	10	38	59.5?	44.23	N	150.04	E	33	N	4.5 3.9	1.1	13	EAST OF KURIL ISLANDS
	21	12	05	47.5&	37.634	N	118.074	W	5				10	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 2.6 (GM). ML 2.5 (GS).
	21	12	08	38.4	55.737	N	161.133	E	126	D	4.3	1.1	28	NEAR EAST COAST OF KAMCHATKA
	21	12	17	19 8	23.388	N	93.149	E	33	*	4.8	1.1	36	MYANMAR-INDIA BORDER REGION
	21	12	37	01.9	43.241	N	8.159	E	10	G		0.9	24	CORSICA. ML 3.2 (LDG), 2.5 (STR).
	21	12	40	54.9&	33.014	N	117.766	W	6	G			12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.6 (PAS), 3.3 (GS).
	21	13	06	55.4	55.633	N	165.653	E	33	N	4.5	1.0	21	KOMANDORSKY ISLANDS REGION
	21	17	03	40.9	48.035	N	8.903	E	33	N		0.9	36	GERMANY. ML 3.3 (LDG), 3.2 (STR), 2.9 (GRF).
	21	18	00	10.9	40.694	N	20.270	E	10	G		1.1	23	GREECE-ALBANIA BORDER REGION. ML 2.9 (TIR).
	21	18	28	49.9*	5.233	S	68.560	E	10	G	4.8 4.7	0.8	37	CHAGOS ARCHIPELAGO REGION
	21	19	00	13.7&	63.255	N	151.254	W	10				8	CENTRAL ALASKA. <AEIC>. ML 2.3 (AEIC), 2.7 (PMR).
	21	20	06	51.7	46.483	N	16.293	E	10	G		1.4	14	NORTHWESTERN BALKAN REGION. ML 3.1 (ZAG). MD 2.6 (TRI). Felt (V) at Roskrizje and Strigova, Slovenia. Also felt at Lendava, Slovenia and Cakovec, Croatia.
	21	20	29	36.3&	63.297	N	149.025	W	7				54	CENTRAL ALASKA. <AEIC>. ML 2.6 (AEIC).
	21	20	30	39.8	51.149	N	178.986	W	33	N	5.0 4.1	0.9	129	ANDREANOF ISLANDS, ALEUTIAN IS.
	21	20	47	50.5	46.418	N	16.218	E	10	G		1.0	13	NORTHWESTERN BALKAN REGION. ML 3.5 (ZAG), 2.9 (BRA). MD 3.0 (TRI). Felt (V) at Kag and Strigova, Slovenia. Felt at Lendava and Roskrizje, Slovenia. Also felt at Cakovec, Croatia.
	21	21	15	09.2&	60.982	N	150.893	W	13				44	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.5 (AEIC).
	21	21	35	07.6	46.465	N	16.138	E	10	G		1.0	9	NORTHWESTERN BALKAN REGION. ML 2.7 (ZAG). Felt in the Strigova, Slovenia area.
	21	21	41	42.9	51.563	N	7.640	E	10	G		0.6	13	GERMANY. ML 2.8 (LDG), 2.5 (BNS). MD 2.8 (UCC). Felt in the Dortmund area. Possible rockburst.
	21	22	49	10.9?	7.56	N	127.04	E	33	N	4.3	0.9	5	PHILIPPINE ISLANDS REGION
	21	22	58	01.8?	34.46	S	73.29	W	5	G		0.4	12	OFF COAST OF CENTRAL CHILE. MD 4.2 (SAN).
	21	23	34	07.3	55.862	N	165.698	E	26	D	4.7 4.1	1.1	50	KOMANDORSKY ISLANDS REGION
	22	00	03	16.5%	39.320	N	22.261	E	10	G		0.5	8	GREECE. MD 2.4 (THE).
	22	00	41	06.0*	38.381	N	20.560	E	10	G		1.4	8	GREECE. MD 3.1 (ATH).
	22	01	43	10.3&	34.554	N	116.528	W	4				11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 2.8 (GS).
	22	01	47	38.9&	34.122	N	116.856	W	3				6	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).

	22	03 36 08.8	11.580	N	61.208	W	48 *	3.9		1.1	17	WINDWARD ISLANDS. MD 3.5 (TRN).
	22	03 49 29.8%	33 566	S	71.635	W	40 ?			0.4	10	NEAR COAST OF CENTRAL CHILE. MD 3.2 (SAN).
	22	04 01 46.8?	36.31	N	4.30	W	10 G			0.4	4	STRAIT OF GIBRALTAR. mbLg 2.5 (MDD).
	22	06 13 36.8%	41.228	N	23.297	E	10 G			0.4	7	GREECE-BULGARIA BORDER REGION. MD 2.0 (THE).
	22	06 25 25.3?	11.44	N	87.23	W	33 N	4.4		0.9	22	NEAR COAST OF NICARAGUA
	22	06 49 00.7	4.461	S	76.364	W	49 D	4.5		0.9	29	NORTHERN PERU
	22	06 54 20.2%	33.933	S	69.992	W	10 G			0.2	10	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	22	07 00 08.7*	11.136	N	86.539	W	33 N	4.7	4.0	1.2	42	NEAR COAST OF NICARAGUA
	22	07 01 51.5&	34.413	N	116.504	W	1				8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	22	08 20 47.5	36.618	N	139.548	E	33 N	4.2		1.1	8	EASTERN HONSHU, JAPAN
	22	08 44 08.2*	11 099	N	86.734	W	33 N	4.6	3.8	1.2	36	NEAR COAST OF NICARAGUA
	22	09 15 28.3	9.823	N	125.510	E	168	4.4		1.0	22	MINDANAO, PHILIPPINE ISLANDS
	22	09 53 48.3%	40.823	N	22.981	E	10 G			0.3	5	GREECE. MD 1.2 (THE).
	22	10 46 16.1	46.325	N	12.616	E	10 G			0.7	7	NORTHERN ITALY. MD 2.7 (LJU).
	22	12 21 36.8&	33.990	N	116.295	W	1				8	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	22	12 51 53.4?	44.38	N	7.26	E	10 G			0.1	4	NORTHERN ITALY. ML 1.6 (GEN).
	22	13 21 51.4&	34.139	N	116.598	W	1				12	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS), 2.7 (GS).
	22	13 32 35.0	40.363	N	21.280	E	12	3.7		0.6	38	GREECE. ML 4.1 (ATH), 3.5 (TTG).
	22	13 42 09.2*	40.405	N	21.246	E	10 G			1.2	6	GREECE. MD 2.2 (THE).
a	22	14 05 55.0	36.334	N	52.701	E	36 D	5.2	4.4	1.0	206	NORTHERN IRAN. Felt in Mazandaran Province and in the Firuz Kuh area.
	22	14 15 08.7	7.254	S	128.529	E	49 D	5.2		1.0	B2	BANDA SEA
	22	14 21 37.3	43.476	N	0.624	W	10 G			0.7	17	PYRENEES. ML 3.0 (LDG).
	22	14 44 26.0	41.217	N	21.922	E	10 G			0.9	7	NORTHWESTERN BALKAN REGION. MD 1.8 (THE). ML 1.5 (SKO).
	22	14 55 41.7%	39.093	N	27.571	E	10 G			0.4	6	TURKEY
	22	15 01 13.0&	66.596	N	147.099	W	11				9	NORTHERN ALASKA. <AEIC>. ML 3.0 (AEIC).
	22	15 22 47.7	47.938	N	8.913	E	10 G			1.3	14	SWITZERLAND. ML 2.9 (LDG), 2.4 (STR).
	22	17 19 21.6	38.192	N	20.378	E	10 G	3.7		0.9	22	GREECE. ML 3.7 (ATH), 3.2 (TIR). MD 3.4 (THE).
	22	17 33 29.9&	40.330	N	124.542	W	16				9	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.1 (BRK), 3.3 (GS). Felt (IV) at Rio Dell. Also felt at Ferndale, Fortuna and Petralia.
	22	17 38 45.4*	7.313	S	147.813	E	66	4.6		0.8	15	EASTERN NEW GUINEA REG., P.N.G.
	22	18 07 37.7&	39.705	N	120.210	W	10				19	NORTHERN CALIFORNIA. <BRK>. ML 3.1 (BRK), 3.3 (GS). Felt (III) at Layaltan and Sierraville. Felt (II) at Calpine.
	22	18 27 10.0?	33.51	S	73.16	W	33 N			0.5	10	OFF COAST OF CENTRAL CHILE. MD 3.7 (SAN).
	22	18 52 33.3&	35.115	N	116.723	W	7				30	CENTRAL CALIFORNIA. <PAS-P>. ML 4.1 (PAS), 4.1 (GS). Felt (IV) at Fort Irwin, (III) at Redlands and (II) at Daggett. Also felt at Barstow and Yerma.
	22	19 18 33.1*	17.165	N	94.080	W	73 *			0.7	7	CHIAPAS, MEXICO
	22	19 24 08.7	49.149	N	6.934	E	10 G			0.6	12	GERMANY. ML 2.5 (STR). MD 2.4 (UCC).
	22	20 17 37.4	49.140	N	6.819	E	10 G			0.8	24	GERMANY. ML 3.1 (STR), 2.9 (BNS), 2.9 (GRF), 2.8 (GSH). MD 3.3 (UCC).
	22	20 23 26.6*	7.364	S	130.408	E	33 N	4.8		1.4	15	TANIMBAR ISLANDS REG., INDONESIA
	22	20 41 15.6%	44.462	N	6.881	E	10 G			0.4	5	FRANCE ML 1 5 (GEN).
	22	21 50 34.4	36.125	N	8.544	W	10 G			1.2	21	WEST OF GIBRALTAR. mbLg 3.5 (MDD). MD 3.4 (RBA).
	22	22 16 34.8*	3.997	S	151.427	E	33 N	4.4		1.1	7	NEW IRELAND REGION, P.N.G.
	22	22 29 22.0	31.222	S	71.541	W	70 G			0.2	12	NEAR COAST OF CENTRAL CHILE. MD 4.0 (SAN).
	22	22 29 35.4?	47.43	N	7.51	E	10 G			1.2	4	SWITZERLAND
	22	23 13 36.8	41 167	N	19.792	E	10 G			1.1	36	ALBANIA. MD 3.3 (ATH), 2.8 (THE). ML 2.9 (TTG), 2.6 (TIR).
	22	23 42 27.1%	42 453	N	19.401	E	10 G			0.6	8	NORTHWESTERN BALKAN REGION. ML 1.6 (TTG).
	23	00 03 16.3	25.299	S	178 283	E	612 *	5.1		1.0	45	SOUTH OF FIJI ISLANDS
	23	00 13 13.7%	17.508	N	102.095	W	33 N			1.3	8	NEAR COAST OF MICHOACAN, MEXICO
	23	00 53 35.1?	6.28	S	26 51	E	10 G			0.4	4	ZAIRE. mbLg 3.9 (BUL).
	23	01 12 05.0&	34 262	N	116.402	W	6 G				4	SOUTHERN CALIFORNIA. <PAS-P>. MD 2.5 (PAS).
	23	01 44 47.0?	18 51	N	66.12	W	33 N			1.1	7	PUERTO RICO REGION
	23	01 54 22.7	44.803	N	7.221	E	10 G			1.0	8	NORTHERN ITALY. ML 1.7 (GEN).
	23	02 03 20 5&	63.994	N	148.922	W	130				52	CENTRAL ALASKA <AEIC>.
	23	02 40 05.1?	6 30	S	26.61	E	10 G			0.2	4	ZAIRE. mbLg 3.6 (BUL).
	23	02 41 36.1	46.720	N	1 060	E	10 G			1.0	19	FRANCE. ML 3.2 (LDG).
	23	02 49 06.0*	13.167	N	89 874	W	33 N	4.5	3.8	1.2	41	EL SALVADOR
	23	03 34 36.6&	36 147	N	118.118	W	0				14	CENTRAL CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 2.6 (GS).
	23	04 02 17.1&	36.177	N	118.119	W	7				15	CENTRAL CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	23	04 09 46.6&	36.155	N	118.111	W	2				17	CENTRAL CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 2.9 (GS).
	23	04 18 17.6%	60.464	N	5.158	E	10 G			1.0	6	SOUTHERN NORWAY. MD 1.3 (BER). ML 1.4 (NAO).
	23	04 31 36.5?	34.73	S	70.62	W	110 G			0.0	10	CHILE-ARGENTINA BORDER REGION. MD 3.8 (SAN).
	23	04 32 16.8&	45.975	N	118.390	W	6				43	OREGON. <SEA>. MD 2.8 (SEA). Felt in the Walla Walla, Washington area.
	23	04 45 06.4?	16.43	N	95.95	W	10 G			0.4	5	OAXACA, MEXICO
	23	05 14 37.1	39.446	N	19.925	E	10 G			0.4	7	GREECE-ALBANIA BORDER REGION. MD 3.1 (ATH).
	23	05 38 36.2*	38.429	N	21.734	E	10 G			1.0	14	GREECE. MD 3.0 (ATH), 2.8 (THE).
	23	06 06 05.8%	11.579	N	61.492	W	10 G			0.9	5	WINDWARD ISLANDS. MD 3.3 (TRN).
	23	07 32 47.3?	41.93	N	23.33	E	10 G			0.1	4	GREECE-BULGARIA BORDER REGION. MD 1.8 (THE).
	23	07 34 48.1	38.660	N	21.594	E	10 G			1.2	16	GREECE. MD 3.4 (ATH), 3.2 (THE).
	23	08 03 25.8	40.151	N	24.771	E	10 G			1.2	18	AEGEAN SEA. MD 3.0 (THE).
	23	08 05 28.1	1.310	N	123 527	E	23 D	5.0	4.7	1.2	63	MINAHASSA PENINSULA, SULAWESI
a	23	08 10 53.1	1.139	N	123.390	E	32 D	5.0	5.0	1.3	57	MINAHASSA PENINSULA, SULAWESI
	23	08 16 43.2	1.255	N	123.485	E	29 D	4.8	4.9	1.2	47	MINAHASSA PENINSULA, SULAWESI
	23	08 40 03.5&	59 559	N	152.445	W	71				62	SOUTHERN ALASKA. <AEIC>.
	23	08 46 08 5&	60.185	N	147.084	W	10				34	SOUTHERN ALASKA. <AEIC>. ML 2.8 (AEIC).
	23	09 04 42.7&	40.287	N	124.310	W	13				28	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.6 (BRK), 3.9 (GS). Felt (IV) at Petralia and (III) at Miranda. Also felt at Honeydew and Shelter Cove.
	23	10 07 39 8%	39 268	N	27.658	E	10 G			0.7	5	TURKEY
	23	10 09 06.1*	7 953	S	155 945	E	63 *	4.7		1.0	6	SOLOMON ISLANDS
	23	10 47 55.1	50.919	N	3.482	W	10 G			1.0	33	UNITED KINGDOM. ML 3.3 (LDG), 2.7 (BGS).
	23	10 52 52.5	45.905	N	13 809	E	10 G			1.0	9	NORTHERN ITALY. MD 2.9 (LJU), 2.4 (TRI).
	23	11 07 34.8&	40.299	N	124.393	W	8				5	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 3.0 (GM).
	23	11 10 30.5&	40.290	N	124.487	W	8	4.2			57	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.9 (BRK), 4.2 (GS). MD 4.1 (GM). Felt (IV) at Fortuna, Honeydew, Miranda, Myers Flat, Redcrest, Rio Dell and Weott. Also felt at Arcata, Eureka, Ferndale, Freshwater, Petralia

														and Shelter Cove.
	23	11	20	46.7&	62.944	N	149.262	W	78				64	CENTRAL ALASKA. <AEIC>.
	23	11	51	12.3	32.135	S	69.538	W	115 *	4.7		1.0	20	MENDOZA PROVINCE, ARGENTINA. MD 4.5 (SAN). Felt (III) at San Juan and (II) at Mendozo.
	23	12	36	03.5?	47.98	N	11.35	E	10 G			1.0	4	AUSTRIA. ML 2.1 (VIE).
	23	12	42	51.9*	42.153	N	23.995	E	10 G			1.5	8	BULGARIA
	23	13	11	17.3?	57.96	N	6.29	E	10 G			0.6	8	NORTH SEA. MD 2.6 (BER).
	23	13	12	28.3*	48.241	N	9.059	E	10 G			0.9	12	GERMANY. ML 2.6 (LDG), 2.3 (STR).
	23	13	26	52.3	1.311	N	123.358	E	37 D	4.9		1.4	43	MINAHASSA PENINSULA, SULAWESI
o	23	13	38	35.2	31.129	N	130.229	E	161 G	5.7		0.9	419	KYUSHU, JAPAN. Depth from broadband displacement seismograms.
	23	13	48	26.0	37.530	N	22.853	E	10 G			1.1	19	SOUTHERN GREECE. ML 3.3 (ATH). MD 3.1 (THE).
	23	14	13	45.4?	34.11	S	70.07	W	33 N			1.2	6	CHILE-ARGENTINA BORDER REGION
	23	14	16	14.3%	39 216	N	27.744	E	10 G			0.4	6	TURKEY
	23	14	41	54.0	38.367	N	15.693	E	127 *			0.8	25	SICILY. MD 3.8 (THE).
o	23	14	52	27.6	6.163	S	26.718	E	11 D	5.6	5.1	1.1	258	ZAIRE. Felt at Kabola.
	23	15	04	00.0&	37 021	N	115.988	W	0	4.4			41	SOUTHERN NEVADA. <DOE>. ML 4.3 (BRK). 37' 01' 14.44" N., 115' 59' 16.48" W., Surface Elev. 1235 m., Depth of Burial 426 m., Shot Time 150400.000, "DIVIDER," Nevada Test Site (Dept. of Energy).
	23	15	32	52.8	45.715	N	14.084	E	10 G			0.5	6	NORTHWESTERN BALKAN REGION. MD 2.3 (LJU), 2.2 (TRI).
	23	16	28	03.0&	39.680	N	120.253	W	13				20	NORTHERN CALIFORNIA. <BRK>. ML 3.0 (BRK), 3.3 (GS). Felt in the Layalton area.
	23	16	29	43.8&	39.683	N	120.230	W	17				20	NORTHERN CALIFORNIA. <BRK>. ML 3.4 (BRK), 3.6 (GS). Felt (II) at Calpine. Also felt in the Layalton area.
	23	16	49	43.6	23.902	S	179.528	E	644 ?	5.0		0.8	31	SOUTH OF FIJI ISLANDS
	23	16	50	15.4%	42.736	N	19.257	E	10 G			0.4	9	NORTHWESTERN BALKAN REGION. ML 1.7 (TTG).
	23	17	03	52.9*	22.608	S	175.048	W	73 ?	5.1		1.1	50	TONGA ISLANDS REGION
	23	17	08	59.4%	44.465	N	7.226	E	10 G			0.2	6	NORTHERN ITALY. ML 1.7 (GEN).
	23	17	56	06.8&	35.011	N	116.959	W	4				12	CENTRAL CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.0 (GS). Felt (II) at Daggett.
	23	18	10	18.7?	7.63	S	117.83	E	33 N	4.4		1.3	8	BALI SEA
	23	18	20	27.0?	34.62	S	70.38	W	120 G			0.2	9	CHILE-ARGENTINA BORDER REGION
	23	18	54	50.2?	11.44	N	88.49	W	33 N	4.1		0.7	5	OFF COAST OF CENTRAL AMERICA
	23	19	19	04.0?	34.56	S	70.36	W	10 G			0.3	8	CHILE-ARGENTINA BORDER REGION
	23	19	19	17.3%	44.863	N	6.646	E	10 G			0.1	5	FRANCE. ML 1.6 (GEN).
	23	19	23	46.5%	44.858	N	6.648	E	10 G			0.1	5	FRANCE. ML 1.6 (GEN).
	23	20	05	07.2&	35.095	N	116.722	W	0				8	CENTRAL CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	23	20	13	45.2%	40.365	N	28.637	E	10 G			0.7	7	TURKEY
	23	20	23	34.0*	6.467	S	146.963	E	90 *	4.0		0.7	6	EASTERN NEW GUINEA REG., P.N.G.
	23	20	29	35.6*	41.913	N	73.277	E	33 N	3.8		1.4	9	KYRGYZSTAN
	23	20	43	21.1	44.928	N	6.737	E	10 G			0.9	19	FRANCE. ML 2 6 (GEN), 2.5 (LDG).
	23	20	45	40.0	44.904	N	6.770	E	10 G			0.7	20	FRANCE. ML 2.7 (GEN), 2.6 (LDG).
	23	20	59	16.6?	34.46	S	70.43	W	10 G			0.3	8	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	23	21	33	18.9?	32.67	S	71.81	W	10 G			0.5	11	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	23	21	36	45.9&	34.146	N	116.902	W	2				12	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS), 3.0 (GS). Felt (III) at Highland.
	23	21	59	18.6	29.813	N	51.087	E	35	5.1	4.5	1.0	275	SOUTHERN IRAN. Felt in the Dogonbodon area and in the Goch Soron region.
	23	22	00	18.9&	59.916	N	152.452	W	85				78	SOUTHERN ALASKA. <AEIC>.
	23	22	18	49.5%	44.872	N	6.683	E	10 G			0.1	6	FRANCE. ML 1.6 (GEN).
	23	22	22	55.3?	44.88	N	6.69	E	10 G			0.1	4	FRANCE. ML 1.5 (GEN).
	23	22	43	50.4?	36 36	N	1.14	W	10 G			1.1	4	WESTERN MEDITERRANEAN SEA
	23	22	48	43.9?	44.90	N	6.63	E	10 G			0 3	4	FRANCE. ML 1.4 (GEN).
	23	22	54	36.4?	44 89	N	6.70	E	10 G			0.2	4	FRANCE. ML 1.4 (GEN).
	23	22	58	04.1%	33.204	S	70.185	W	110 G			0 4	10	CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).
	23	23	26	36.3%	43.226	N	18.923	E	10 G			0.3	7	NORTHWESTERN BALKAN REGION. ML 1.4 (TTG).
	24	00	29	18.5	36 268	N	1.785	W	10 G			0.9	31	WESTERN MEDITERRANEAN SEA. mbLg 3.6 (MDD). Felt (III) in the Corboneras area, Spain.
o	24	00	51	46.7	59.478	S	25.971	W	21 D	5 3	5.1	1.0	63	SOUTH SANDWICH ISLANDS REGION
	24	01	19	10.5&	49 669	N	129.232	W	10 G				10	VANCOUVER ISLAND REGION. <PGC-P>. ML 3.6 (PGC).
	24	01	32	48.7*	32.277	S	179.165	E	464 ?	4.8		1.0	34	SOUTH OF KERMADEC ISLANDS
	24	01	47	46.3	43.141	N	19.450	E	10 G			1.1	71	NORTHWESTERN BALKAN REGION. ML 3.9 (TIR), 3.9 (ROM), 3.8 (ZAG). MD 4.3 (TRI), 3.7 (TTG). Felt (V) at Mojkovac, Bijelo Palje and Zabljak, Yugoslavia.
	24	02	04	29.4	44 925	N	6.785	E	10 G			0.8	14	FRANCE. ML 2.4 (LDG), 2.1 (GEN).
	24	03	14	12.5*	39 608	N	35.137	E	10 G			1.3	6	TURKEY. MG 3.4 (DDA).
	24	03	24	54.9?	38 84	N	23.20	E	10 G			0.4	5	GREECE. MD 2.2 (THE).
	24	04	03	13.3*	51.159	N	15.848	E	10 G			1.3	8	POLAND. ML 3.2 (GRF).
	24	04	14	34.7&	63.654	N	148.772	W	14				39	CENTRAL ALASKA. <AEIC>. ML 2.8 (AEIC).
	24	05	33	24.6?	33 73	S	70.33	W	108 ?			0.2	10	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	24	05	48	42.8?	39 29	N	28.14	E	33 N			0.9	4	TURKEY
	24	06	10	25.0?	14.32	N	91.45	W	33 N	4.6		0.9	8	GUATEMALA
	24	06	24	02.1*	12 353	N	86.604	W	33 N			0.7	7	NICARAGUA
	24	06	26	54.3?	18.46	N	65.71	W	33 N			1.0	6	PUERTO RICO REGION
	24	06	37	56.0%	32 683	S	71.775	W	10 G			0.5	11	NEAR COAST OF CENTRAL CHILE. MD 3.7 (SAN).
	24	06	58	17.3*	39.333	N	98.946	E	33 N			0.6	6	GANSU, CHINA. ML 4.0 (BJI).
	24	07	47	34.7	13.675	N	91.106	W	33 N	4.6	3.9	1.2	64	NEAR COAST OF GUATEMALA
	24	08	50	55.8*	31.666	S	69.584	W	133 ?			0.6	13	SAN JUAN PROVINCE, ARGENTINA
	24	09	22	14.9*	40 517	N	21.809	E	10 G			0.4	5	GREECE
	24	10	32	10.6*	24.413	N	123.689	E	33 N	4.4		1.3	13	SOUTHWESTERN RYUKYU ISLANDS. ML 4.1 (BJI).
	24	11	14	29.3&	63.111	N	149.582	W	85				44	CENTRAL ALASKA. <AEIC>.
	24	11	34	42.5*	43 334	N	24.139	E	10 G			1.1	8	BULGARIA. MD 2.6 (THE).
	24	11	42	46.8*	44 662	N	34.481	E	33 N			0.6	11	CRIMEA REGION, UKRAINE. MG 3.3 (DDA).
	24	11	47	20 8%	12 086	N	122.841	E	33 N			0.7	5	LUZON, PHILIPPINE ISLANDS
o	24	12	08	21.8	1 355	N	123.497	E	24 D	5.1	4.8	1.2	63	MINAHASSA PENINSULA, SULAWESI
	24	12	37	43.5?	1.00	N	123.58	E	33 N	4.6		1.1	5	MINAHASSA PENINSULA, SULAWESI
	24	13	22	19.5	31 044	S	67.811	W	10	4.9		1.5	27	SAN JUAN PROVINCE, ARGENTINA. Felt (III) at San Juan.
	24	13	39	55.7%	33.473	S	70.440	W	90 G			0.3	10	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	24	14	17	48.8	43.706	N	110.387	W	5 G			0.7	37	WYOMING. ML 3.7 (GS), 3.7 (BUT).
	24	14	24	56.9?	24.15	S	179.16	W	500 G	4.7		0.7	8	SOUTH OF FIJI ISLANDS
	24	14	35	40.9&	37.974	N	112.533	W	4				9	UTAH. <SLC-P>. MD 3.1 (SLC).
	24	14	50	30.4?	45.29	N	2.47	E	10 G			0.7	5	FRANCE. ML 2.2 (STR).

	24	14	57	58.0*	18.822	S	166.766	E	33	N	4.8	1.0	6	VANUATU ISLANDS REGION
	24	15	03	44.0&	40.300	N	124.547	W	21				5	NEAR COAST OF NORTHERN CALIF. <GM-P>. MD 3.1 (GM).
	24	15	24	49.5*	15.085	N	60.248	W	33	N		0.4	9	LEEWARD ISLANDS. MD 3.4 (TRN). ML 3.0 (FDF).
	24	16	52	48.6%	44.460	N	7.218	E	10	G		0.3	5	NORTHERN ITALY. ML 1.5 (GEN).
	24	17	53	53.5%	43.140	N	19.410	E	10	G		0.4	8	NORTHWESTERN BALKAN REGION. ML 1.6 (TTG).
a	24	18	17	10.9	61.220	S	154.359	E	10	G	5.5 5.8	1.2	89	BALLENY ISLANDS REGION
	24	18	19	28.6%	43.114	N	19.402	E	10	G		0.3	9	NORTHWESTERN BALKAN REGION. ML 2.0 (TTG).
	24	18	52	24.6%	38.838	N	28.590	E	24	*		0.5	6	TURKEY
	24	19	38	36.8?	38.82	N	28.62	E	10	G		1.4	4	TURKEY
	24	19	45	01.7?	44.36	N	7.45	E	10	G		0.4	4	NORTHERN ITALY. ML 1.7 (GEN).
	24	19	59	31.2%	43.116	N	18.333	E	10	G		0.8	8	NORTHWESTERN BALKAN REGION. ML 2.4 (TTG).
a	24	20	18	51.6*	21.127	S	175.768	W	33	N	5.0 5.5	1.3	32	TONGA ISLANDS. Mo=1.0*10**18 Nm (PPT).
	24	20	37	56.1&	60.178	N	141.266	W	0				19	SOUTHEASTERN ALASKA. <AEIC>. ML 2.7 (AEIC).
	24	21	28	59.5?	15.17	N	61.02	W	140	G		0.1	6	LEEWARD ISLANDS
	24	21	30	07.3&	59.826	N	153.524	W	125				40	SOUTHERN ALASKA. <AEIC>.
	24	21	33	26.6	33.102	S	70.146	W	10	G		0.5	11	CHILE-ARGENTINA BORDER REGION. MD 3.9 (SAN).
	24	21	44	26.8&	34.338	N	116.674	W	0				11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 3.1 (GS). Felt.
	24	21	48	42.7	9.826	N	92.794	E	73	?	4.3	1.0	14	NICOBAR ISLANDS, INDIA
	24	21	56	43.4&	37.578	N	118.874	W	7				10	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.2 (GM).
	24	23	07	31.9	11.045	N	86.466	W	23	D	4.7 4.2	1.1	41	NEAR COAST OF NICARAGUA
	25	00	39	21.8	6.184	S	26.836	E	10	G	4.9	0.9	10	ZAIRE
	25	01	09	33.1*	13.602	N	120.800	E	126	*	4.3	0.9	14	MINDORO, PHILIPPINE ISLANDS
	25	01	26	41.5?	18.82	N	62.79	W	10	G		1.0	9	LEEWARD ISLANDS. ML 3.9 (FDF).
	25	02	03	38.4*	11.331	S	161.898	E	33	N	4.6	1.3	12	SOLOMON ISLANDS
	25	02	16	22.0%	42.995	N	18.762	E	10	G		0.4	8	NORTHWESTERN BALKAN REGION. ML 1.6 (TTG).
	25	02	26	59.3&	62.889	N	151.275	W	113				84	CENTRAL ALASKA. <AEIC>.
	25	02	41	20.7%	46.412	N	2.074	E	10	G		0.1	5	FRANCE. ML 1.7 (LDG).
	25	02	58	32.3?	17.36	N	61.54	W	10	G		0.5	5	LEEWARD ISLANDS. ML 3.3 (FDF).
	25	04	17	52.0?	44.32	N	7.65	E	10	G		0.2	4	NORTHERN ITALY. ML 1.6 (GEN).
	25	04	27	40.1%	60.458	N	5.154	E	10	G		0.2	5	SOUTHERN NORWAY. MD 1.0 (BER).
	25	05	22	39.9	40.713	N	22.792	E	10	G		0.6	9	GREECE. MD 2.2 (THE). ML 2.1 (SKO).
	25	05	41	31.3	44.914	N	6.768	E	10	G		0.9	15	FRANCE. ML 2.3 (LDG), 2.2 (GEN).
	25	05	49	19.8	40.712	N	29.937	E	10	G		1.0	14	TURKEY. MG 3.2 (DDA).
	25	06	20	22.5*	0.017	S	126.673	E	72	*	4.7	0.4	6	SOUTHERN MOLUCCA SEA
	25	07	59	59.9	41.763	N	88.387	E	10	G	5.0	1.0	95	SOUTHERN XINJIANG, CHINA
	25	08	08	56.8%	31.694	S	71.516	W	33	N		0.5	11	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
	25	08	57	40.5	5.388	S	102.556	E	29	D	5.3 4.8	1.0	82	SOUTHERN SUMATERA, INDONESIA
	25	09	15	08.7*	40.589	N	29.932	E	10	G		1.2	7	TURKEY
	25	09	34	03.1%	38.595	N	22.112	E	10	G		0.5	8	GREECE. MD 2.7 (THE).
	25	09	44	10.9	23.738	N	98.329	E	33	N	4.4	1.0	17	MYANMAR-CHINA BORDER REGION. ML 4.2 (BJI).
	25	10	08	05.5%	39.233	N	27.686	E	10	G		0.2	5	TURKEY
	25	10	14	22.6	11.554	S	112.460	E	33	N	4.6	1.2	27	SOUTH OF JAWA, INDONESIA
	25	11	23	38.9?	31.94	S	70.09	W	132	?		0.5	10	CHILE-ARGENTINA BORDER REGION. MD 4.0 (SAN).
	25	11	31	10.7?	41.85	N	24.27	E	10	G		1.2	5	GREECE-BULGARIA BORDER REGION
	25	11	34	32.1&	63.222	N	150.548	W	131				80	CENTRAL ALASKA. <AEIC>.
	25	11	53	06.2*	41.487	N	22.372	E	10	G		0.6	8	NORTHWESTERN BALKAN REGION. MD 2.1 (THE). ML 2.1 (SKO).
	25	12	03	15.9?	32.41	S	71.70	W	10	G		0.6	9	NEAR COAST OF CENTRAL CHILE. MD 3.5 (SAN).
	25	12	10	30.7	22.220	S	68.586	W	112	D	4.6	1.3	26	NORTHERN CHILE
	25	14	01	46.4?	7.36	S	127.90	E	258	?	4.9	1.2	6	BANDA SEA
	25	14	14	52.3?	40.06	N	32.57	E	10	G		0.5	4	TURKEY. MG 2.7 (DDA).
a	25	14	15	38.5	12.306	N	87.576	W	86	*	4.9	1.2	113	NEAR COAST OF NICARAGUA
	25	14	20	23.7	35.484	N	141.016	E	55		4.6 4.7	1.1	47	NEAR EAST COAST OF HONSHU, JAPAN
	25	14	47	53.7%	42.458	N	13.350	E	10	G		1.0	8	CENTRAL ITALY
	25	15	16	26.6?	47.02	N	6.28	E	10	G		1.2	6	FRANCE. ML 2.1 (LDG).
	25	15	53	51 5*	42.605	N	45.861	E	33	N	3.7	1.1	10	EASTERN CAUCASUS. Felt (II) at Mokhochkala.
	25	16	14	22.5*	6.263	S	130.179	E	115	?	4.7	1.4	14	BANDA SEA
	25	16	23	16.3?	42.21	N	9.58	E	10	G		0.3	5	CORSICA. ML 2.4 (LDG).
	25	16	28	42.9?	37.01	N	29.07	E	10	G		0.8	4	TURKEY
	25	17	26	04.9%	47.039	N	6.440	E	10	G		0.3	5	FRANCE. ML 2.0 (LDG).
	25	17	52	05 5?	36.92	N	1.95	W	10	G		1.0	4	WESTERN MEDITERRANEAN SEA. mbLg 2.8 (MDD).
	25	18	56	43.4?	14.16	S	73.71	W	90	G		1.1	5	CENTRAL PERU
	25	20	06	45.9	54.401	S	27.643	W	42	D	5.6 5.2	1.1	82	SOUTH SANDWICH ISLANDS REGION
	25	20	13	39.2	42.102	N	19.760	E	10	G		0.4	11	NORTHWESTERN BALKAN REGION. ML 2.3 (TTG).
	25	20	18	57.0%	32.635	S	70.809	W	75	G		0.2	10	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	25	21	12	23.7	36.686	N	116.306	W	9			0.7	62	CALIFORNIA-NEVADA BORDER REGION. ML 3.2 (GS).
	25	21	16	38.5	36.726	N	116.305	W	9			0.3	57	CALIFORNIA-NEVADA BORDER REGION. ML 3.1 (GS).
	25	21	33	20.2?	27.97	N	34.39	E	10	G		0.5	6	RED SEA. MD 4.0 (HLW).
	25	21	35	39.6?	27.92	N	33.98	E	10	G		1.5	7	EGYPT. MD 4.2 (HLW).
	25	22	02	54.6*	27.388	N	34.081	E	10	G	4.0	1.0	10	RED SEA. MD 4.1 (HLW).
	25	22	20	17.0*	27.423	N	33.970	E	10	G	3.9	0.9	18	EGYPT. MD 4.2 (HLW).
	25	22	29	19.7	45.853	N	15.041	E	10	G		1.0	9	NORTHWESTERN BALKAN REGION. MD 2 5 (TRI). ML 2.2 (ZAG). Felt (IV) at Trebnje, Slovenio.
	25	22	52	12.1%	43.271	N	18.892	E	10	G		0.3	8	NORTHWESTERN BALKAN REGION. ML 1.7 (TTG).
	25	23	06	12.9?	27.17	N	33.86	E	10	G		0.9	6	EGYPT. MD 3.8 (HLW).
	25	23	21	00.5*	5.693	S	141.857	E	33	N	4.5	1.1	8	NEW GUINEA, PAPUA NEW GUINEA
	25	23	38	03.4%	39.501	N	27.796	E	10	G		1.2	10	TURKEY
	25	23	53	18.9	42.375	N	142.746	E	33	N	4.5	0.8	35	HOKKAIDO, JAPAN REGION
	25	23	57	11.6*	6.159	S	142.193	E	33	N	4.4	1.7	5	NEW GUINEA, PAPUA NEW GUINEA
	26	01	09	57.2?	28.29	N	33.80	E	10	G	3.6	0.5	8	EGYPT. MD 4.0 (HLW).
	26	01	14	21.1	39.843	N	24.463	E	10	G		0.3	9	AEGEAN SEA. MD 2.5 (THE).
	26	01	42	25.4?	27.73	N	34.03	E	10	G		0.8	6	RED SEA. MD 3.9 (HLW).
	26	01	53	26.7%	39.425	N	28.018	E	10	G		0.4	6	TURKEY
	26	01	58	22.4?	29.84	S	72.47	W	10	G		0.2	10	OFF COAST OF CENTRAL CHILE. MD 4.2 (SAN).
	26	02	12	38.5%	32.946	S	70.259	W	100	G		0.2	10	CHILE-ARGENTINA BORDER REGION MD 3.4 (SAN).
	26	02	16	31.5&	37.359	N	118.378	W	12				11	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.2 (GM).
	26	02	16	59.3	31.762	S	67.803	W	10	G		0.9	11	SAN JUAN PROVINCE, ARGENTINA
	26	02	26	13.5	34.972	N	34.711	E	10	G		1.0	7	CYPRUS REGION. ML 3.5 (CSS).
	26	02	40	37.0	42.100	N	19.772	E	10	G		0.7	14	NORTHWESTERN BALKAN REGION. ML 2.9 (TTG).
	26	03	00	56 3&	66.149	N	149.445	W	24				16	NORTHERN ALASKA. <AEIC>. ML 2.8 (AEIC).
	26	03	12	32.6	44.468	N	7.307	E	10	G		0.4	15	NORTHERN ITALY. ML 2.3 (GEN), 2.2 (LDG).
	26	04	09	00.8?	15.13	S	167.49	E	141	?	4.7	1.3	15	VANUATU ISLANDS
	26	04	16	23.5*	14.827	S	71.992	W	120	G	4.3	1.4	6	CENTRAL PERU

	26	04	33	10 4	36.856	N	71.879	E	156 *	4.6		0.9	30	AFGHANISTAN-TAJIKISTAN BORD REG.
	26	04	42	06.5	38.921	N	26.032	E	21			0.7	18	AEGEAN SEA. MD 3.3 (THE).
	26	04	44	43.2?	54.31	N	165.19	W	100 G	4.6		0.5	8	FOX ISLANDS, ALEUTIAN ISLANDS
	26	05	31	09.0	47.734	N	15.749	E	10 G			0.4	6	AUSTRIA. Felt at Kapellen.
	26	05	34	16.5?	17.21	N	102.10	W	33 N			1.1	4	NEAR COAST OF MICHOACAN, MEXICO
a	26	05	45	50.6	64.780	N	17.594	W	10 G	5.5	5.4	1.2	223	ICELAND
	26	06	42	42.8	15.078	S	167.284	E	129 *	5.0		0.9	60	VANUATU ISLANDS
	26	06	47	53.7&	60.245	N	157.775	W	15				28	SOUTHERN ALASKA. <AEIC>. ML 3.1 (AEIC).
a	26	07	39	21.4	36.978	S	78.298	E	10 G	5.3	5.6	1.0	54	MID-INDIAN RIDGE
	26	07	54	26.4?	38.43	N	22.22	E	10 G			0.8	8	GREECE. MD 2.5 (THE).
	26	08	07	41.8*	32.759	S	72.308	W	33 N			0.8	15	OFF COAST OF CENTRAL CHILE. MD 4.1 (SAN).
	26	08	07	58.1*	37.081	S	78.109	E	10 G	5.0		1.3	15	MID-INDIAN RIDGE
	26	08	18	11.0	42.444	N	19.173	E	10 G			1.0	60	NORTHWESTERN BALKAN REGION. MD 4.1 (TRI), 3.5 (THE). ML 3.7 (ZAG), 3.5 (TIR), 3.5 (TTG). Felt (V) at Podgorica, Yugoslavia.
	26	10	47	50.1*	50.343	N	18.918	E	10 G			0.8	6	POLAND. ML 3.2 (WAR).
	26	11	13	52.6	44.898	N	6.789	E	10 G			0.9	16	FRANCE. ML 2.5 (LDG), 2.3 (GEN).
	26	12	10	29.4	39.876	N	20.501	E	10 G			1.1	20	GREECE-ALBANIA BORDER REGION. ML 3.4 (TIR). MD 3.3 (THE).
	26	13	33	39.7?	33.00	S	72.03	W	10 G			0.4	10	OFF COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	26	13	40	34.1*	42.662	N	139.908	E	33 N	4.2		1.1	9	HOKKAIDO, JAPAN REGION
	26	14	59	49.4*	40.760	N	21.863	E	10 G			1.4	5	GREECE
	26	15	15	43.9%	60.428	N	5.108	E	10 G			0.7	5	SOUTHERN NORWAY. MD 1.0 (BER).
	26	16	42	55.5?	5.00	S	133.69	E	33 N	4.3		0.8	5	IRIAN JAYA REGION, INDONESIA
	26	17	59	10.1*	7.656	S	106.313	E	33 N	4.8		1.1	25	JAWA, INDONESIA
	26	17	59	59.4?	9.37	S	112.64	E	33 N	4.6		0.8	5	SOUTH OF JAWA, INDONESIA
	26	20	03	41.2?	6.47	S	147.98	E	72 ?	4.6		1.1	6	EASTERN NEW GUINEA REG., P.N.G.
	26	20	04	08.1?	39.76	N	19.88	E	10 G			1.5	14	GREECE-ALBANIA BORDER REGION. ML 2.7 (TIR). MD 2.6 (THE).
	26	20	15	39.3	30.324	N	138.639	E	428 *	4.5		0.9	40	SOUTH OF HONSHU, JAPAN
	26	20	16	43.4&	58.317	N	154.139	W	6				22	ALASKA PENINSULA. <AEIC>. ML 2.7 (AEIC).
	26	20	32	28.5*	31.832	S	68.788	W	10 G			0.9	13	SAN JUAN PROVINCE, ARGENTINA. MD 4.2 (SAN).
	26	20	36	16.8?	11.90	N	86.45	W	33 N	4.4	3.8	0.7	8	NEAR COAST OF NICARAGUA
	26	21	04	08.6	43.234	N	18.087	E	10 G			0.8	13	NORTHWESTERN BALKAN REGION. ML 2.8 (TTG).
	26	21	22	38.7%	43.266	N	18.883	E	10 G			0.3	5	NORTHWESTERN BALKAN REGION. ML 1.4 (TTG).
	26	21	25	33.7%	43.246	N	18.909	E	10 G			0.4	6	NORTHWESTERN BALKAN REGION. ML 1.6 (TTG).
f	26	22	15	57.5	1.289	N	129.118	E	28 D	5.9	6.5	1.2	270	HALMAHERA, INDONESIA. Mo=3.2*10**19 Nm (PPT). Complex event observed on broadband displacement seismograms.
	26	22	57	40.9*	1.286	N	128.850	E	33 N	4.8		1.3	12	HALMAHERA, INDONESIA
	26	23	06	45.9	1.460	N	129.317	E	33 N	5.1	5.1	1.2	43	HALMAHERA, INDONESIA
	26	23	27	41.3?	38.07	N	20.14	E	10 G			1.1	6	GREECE
	26	23	30	19.2*	32.625	S	71.660	W	33 N			0.9	10	NEAR COAST OF CENTRAL CHILE. MD 3.8 (SAN).
	26	23	56	01.6*	1.320	N	129.434	E	33 N	5.1		1.2	18	HALMAHERA, INDONESIA
	27	00	12	16.8	27.997	N	54.242	E	33 N	4.5		0.8	37	SOUTHERN IRAN
	27	00	18	17.8*	50.541	N	18.875	E	10 G			0.9	5	POLAND. ML 3.2 (WAR).
	27	00	23	15.0?	52.86	S	159.59	E	10 G	4.5		1.4	7	MACQUARIE ISLANDS REGION
	27	01	38	35.9	43.184	N	18.017	E	10 G			0.7	10	NORTHWESTERN BALKAN REGION. ML 2.6 (TTG).
	27	01	40	57.2?	23.37	N	143.90	E	33 N	4.7	4.3	0.8	18	VOLCANO ISLANDS REGION
	27	02	01	34.0?	1.45	N	129.68	E	33 N	4.6		1.2	5	HALMAHERA, INDONESIA
	27	02	27	57.4*	1.216	N	129.194	E	33 N	5.0	4.1	1.2	28	HALMAHERA, INDONESIA
	27	03	26	21.2%	16.915	N	99.676	W	10 G			1.3	6	NEAR COAST OF GUERRERO, MEXICO
	27	03	31	29.2	1.278	N	129.262	E	33 N	4.9	3.8	0.9	34	HALMAHERA, INDONESIA
	27	04	32	48.7?	0.13	S	123.81	E	33 N	5.0		0.9	8	MINAHASSA PENINSULA, SULAWESI
	27	04	47	23.4*	38.304	N	22.055	E	10 G			0.8	11	GREECE. MD 2.7 (THE).
	27	04	50	30.2?	8.77	S	128.17	E	205 ?	4.3		0 9	6	TIMOR SEA
	27	05	47	06.3%	46.302	N	3.712	E	10 G			0.5	10	FRANCE. ML 1.7 (LDG).
	27	06	32	33.9&	62.934	N	150.759	W	106				40	CENTRAL ALASKA. <AEIC>.
	27	06	43	44.7	11.553	N	87.184	W	33 N	4 5		0.9	27	NEAR COAST OF NICARAGUA
	27	07	27	30.1?	5.59	S	155.59	E	171 ?	4.6		1.4	8	SOLOMON ISLANDS
	27	07	34	11.3	48.903	N	157.395	E	33 N	4.6		0.7	20	EAST OF KURIL ISLANDS
	27	08	14	20.6	36.296	N	71.073	E	246 *	4.4		0.4	15	AFGHANISTAN-TAJIKISTAN BORD REG.
	27	09	02	24.0	31.556	S	71.589	W	47	5.1	5.5	0.9	58	NEAR COAST OF CENTRAL CHILE. MD 4.9 (SAN).
	27	09	29	23.6	40.704	N	29.924	E	10 G			0.8	10	TURKEY. MG 3.0 (DDA).
	27	09	44	05.2?	47.81	N	7.57	E	10 G			0.3	4	SWITZERLAND. ML 1.8 (LDG).
	27	09	46	11.2	51.686	N	16.107	E	10 G			0.8	25	POLAND. ML 4.2 (GRF).
a	27	10	04	40.1	1.269	N	129.245	E	28 D	5.4	5.7	1.1	120	HALMAHERA, INDONESIA
	27	10	09	14.4	1.268	N	129.314	E	31 D	5.6	5.7	1.3	75	HALMAHERA, INDONESIA
	27	10	10	58.2?	51.64	N	16.08	E	10 G			0.8	6	POLAND
	27	10	25	11.9	6.164	S	150.576	E	54 *	4.6		0.9	19	NEW BRITAIN REGION, P.N.G.
	27	11	00	49.5	17.061	N	99.445	W	33 N			0.8	8	GUERRERO, MEXICO
	27	11	15	58.0*	1.398	N	129.597	E	33 N	4.8		1.3	11	HALMAHERA, INDONESIA
	27	11	55	15 5	37.806	N	14.802	E	33 N	4.1		1.1	70	SICILY. ML 3.8 (TTG), 3.6 (ROM). MD 4.0 (THE).
	27	11	57	33.3%	37.871	N	14.619	E	28 *			0.4	6	SICILY
	27	12	19	44.9	37.837	N	14 725	E	31	4.0		1.2	17	SICILY
	27	12	22	41.0%	37.789	N	14.636	E	20 *			0.7	7	SICILY
	27	12	23	54.4%	37.768	N	14.547	E	33 N			0.9	6	SICILY
	27	12	28	38 0?	33.83	N	68.30	E	33 N	4.5		1.2	8	AFGHANISTAN
	27	12	37	37.2%	37.791	N	14.686	E	19 *			0.9	11	SICILY. ML 2.7 (ROM).
	27	12	42	38.0&	33.950	N	117.227	W	14				5	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.5 (PAS).
	27	14	20	11.0	36.915	N	20.605	E	99 ?			0.7	20	CENTRAL MEDITERRANEAN SEA. MD 3.4 (ATH), 3.2 (THE).
	27	14	21	26.0*	32.277	S	68.786	W	129	4.3		0.9	24	MENDOZA PROVINCE, ARGENTINA. MD 4.5 (SAN).
	27	14	22	06.9&	59.678	N	150.149	W	54				57	KENAI PENINSULA, ALASKA. <AEIC>. ML 2.5 (AEIC).
	27	14	23	48.3	43.688	N	14.087	W	10 G	4.4		1.1	100	NORTH ATLANTIC OCEAN
	27	15	09	16.2*	37.710	N	71.628	E	33 N	4.2		0.8	8	AFGHANISTAN-TAJIKISTAN BORD REG.
	27	15	55	30.8?	37.80	N	14.60	E	33 N			0.7	4	SICILY
	27	16	35	11.4%	40.069	N	22.646	E	10 G			1.0	9	GREECE. MD 2.1 (THE).
	27	16	50	04.7*	1.290	N	129 545	E	33 N	4.7		1.1	12	HALMAHERA, INDONESIA
	27	16	59	14.0&	36.007	N	119.940	W	14	3.9			36	CENTRAL CALIFORNIA. <GM-P>. MD 4.2 (GM). ML 4.0 (BRK), 4.1 (PAS). Felt (IV) at Kettleman City and (III) at Avenal.
	27	17	02	34.3*	28.172	N	88.438	W	10 G	3.6		1.0	20	GULF OF MEXICO. mbLg 3.8 (GS).
	27	17	14	23 0%	39.853	N	106.399	E	33 N			0.9	5	WESTERN NEI MONGOL, CHINA. ML 3.9 (BJI).
	27	17	44	23.3&	34.165	N	116.412	W	0				11	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS). Felt.

a	27	17	48	13.0	53.933	N	157.299	W	33	N	5.8 5.4	1.2	507	SOUTH OF ALASKA. ML 5.5 (PMR), 5.4 (AEIC). Mo=2.0*10**18 Nm (PPT). Felt (III) at King Cove, Perryville and Sand Point.
	27	18	08	42.4	37.112	N	5.141	W	5	G		1.1	17	SPAIN. mbLg 3.4 (MDD). Felt (III) in the El Soucejo area.
	27	18	28	14.6*	33.754	S	178.686	W	33	N	4.9 5.3	1.3	17	SOUTH OF KERMADEC ISLANDS
	27	18	57	05.3%	43.284	N	18.893	E	10	G		0.4	8	NORTHWESTERN BALKAN REGION. ML 1.8 (TTG).
	27	19	45	08.2%	33.184	S	70.278	W	10	G		0.3	9	CHILE-ARGENTINA BORDER REGION. MD 3.4 (SAN).
	27	19	52	58.4?	32.69	S	70.79	W	66	?		0.5	9	CHILE-ARGENTINA BORDER REGION
	27	20	53	55.0	44.065	N	7.166	E	10	G		0.4	8	NORTHERN ITALY. ML 1.4 (GEN).
	27	20	56	51.4%	43.247	N	18.903	E	10	G		0.2	7	NORTHWESTERN BALKAN REGION. ML 1.7 (TTG).
	27	21	00	59.1?	32.04	S	70.51	W	100	G		0.5	10	CHILE-ARGENTINA BORDER REGION. MD 3.5 (SAN).
	27	21	10	09.5*	6.477	S	130.129	E	33	N	4.6	0.9	5	BANDA SEA
	27	21	32	58.2	32.185	S	71.746	W	33	N		0.5	13	NEAR COAST OF CENTRAL CHILE. MD 4.2 (SAN).
	27	22	23	17.2?	13.90	S	167.18	E	217	?	4.8	1.1	33	VANUATU ISLANDS
	27	22	40	32.5	37.819	N	14.680	E	28			0.9	15	SICILY
	27	22	46	18.7?	35.12	S	71.03	W	100	G		0.4	10	CENTRAL CHILE
	27	23	38	54.5*	1.467	S	119.608	E	33	N	4.7	0.6	10	SULAWESI, INDONESIA
	28	00	27	05.2?	26.11	S	178.26	E	670	?	4.8	0.8	18	SOUTH OF FIJI ISLANDS
	28	00	28	56.9	46.558	N	1.490	E	5	G		1.0	13	FRANCE. ML 2.2 (LDG).
	28	00	52	30.6?	6.58	S	147.25	E	10	G	4.1	0.9	4	EASTERN NEW GUINEA REG., P.N.G. ML 4.5 (PMG).
	28	01	43	07.9?	31.89	S	71.92	W	33	N		0.9	10	NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
	28	03	24	56.8?	37.85	N	14.81	E	10	G		0.6	4	SICILY
	28	04	14	09.0*	22.903	N	144.371	E	33	N	4.8	1.2	20	VOLCANO ISLANDS REGION
	28	04	47	59.5?	33.07	S	72.07	W	10	G		0.3	10	OFF COAST OF CENTRAL CHILE. MD 3.4 (SAN).
	28	05	08	18.2*	41.023	N	22.433	E	10	G		0.9	5	NORTHWESTERN BALKAN REGION. ML 1.3 (SKO).
	28	05	17	09.8?	34.61	S	71.08	W	60	G		0.3	8	NEAR COAST OF CENTRAL CHILE
	28	05	56	57.8	13.497	N	90.705	W	19	?	4.5 4.1	1.1	52	NEAR COAST DF GUATEMALA
	28	07	20	13.2?	32.76	S	71.28	W	65	?		0.3	9	NEAR COAST OF CENTRAL CHILE. MD 3.0 (SAN).
a	28	07	41	28.6	13.474	N	90.675	W	67		5.4	1.1	269	NEAR COAST OF GUATEMALA. Mo=3.4*10**18 Nm (PPT). Felt strongly at Guatemala City.
	28	08	17	20.9*	2.950	S	139.028	E	33	N	4.9	1.3	19	NEAR NORTH COAST OF IRIAN JAYA
	28	08	54	44.4	1.324	N	129.194	E	33	N	4.8 4.9	1.3	31	HALMAHERA, INDONESIA
	28	10	03	24.2?	39.47	N	27.66	E	10	G		0.9	10	TURKEY. MG 3.1 (DDA).
	28	10	08	30.4*	27.096	N	127.441	E	104	D	4.4	1.2	22	RYUKYU ISLANDS
	28	10	26	07.7	21.489	S	66.567	W	223		4.7	1.2	41	SOUTHERN BOLIVIA
a	28	11	40	53.3	19.203	S	169.043	E	142	D	5.2	1.1	206	VANUATU ISLANDS
	28	11	44	16.8?	17.24	N	60.76	W	10	G		0.5	6	LEEWARD ISLANDS. ML 2.4 (FDF).
	28	12	07	26.2&	34.127	N	116.398	W	1				13	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS), 3.3 (GS). Felt.
	28	12	12	51.2*	39.293	N	20.302	E	10	G		1.3	6	GREECE-ALBANIA BORDER REGION. MD 2.9 (ATH).
	28	12	18	31.1%	40.447	N	29.198	E	13	*		0.6	8	TURKEY
	28	13	20	29.1?	32.59	S	71.79	W	10	G		0.5	10	NEAR COAST OF CENTRAL CHILE
	28	13	23	00.5?	35.85	N	3.25	W	10	G		1.0	4	STRAIT OF GIBRALTAR
	28	13	31	49.0?	15.97	N	97.25	W	33	N		0.4	5	NEAR COAST OF OAXACA, MEXICO
	28	13	49	07.4?	22.98	S	69.04	W	193	?		1.0	8	NORTHERN CHILE
f	28	14	06	02.6	24.121	N	122.648	E	30	G	5.8 6.1	1.0	422	TAIWAN REGION. ML 5.6 (BJI). Mo=2.0*10**18 Nm (PPT). Depth from broadband displacement seismograms.
	28	14	42	27.6?	47.20	N	11.20	E	10	G		0.7	4	AUSTRIA
	28	14	53	47.7?	6.82	S	129.85	E	191	?	4.8	0.7	7	BANDA SEA
	28	16	17	40.0?	15.81	N	93.69	W	60	G		1.2	4	NEAR COAST OF CHIAPAS, MEXICO
	28	16	25	42.2	11.048	S	163.046	E	67	*	5.1	1.1	47	SOLOMON ISLANDS
	28	16	52	45.7	36.431	N	27.684	E	33	N		1.3	8	DODECANESE ISLANDS. ML 3.7 (CSS). MD 3.7 (ATH).
	28	17	22	50.1?	10.36	N	94.56	E	33	N	4.2 4.1	0.8	8	ANDAMAN ISLANDS, INDIA
	28	17	59	43.4?	17.98	N	67.39	W	10	G		0 6	5	MONA PASSAGE
	28	19	34	22.8&	63.959	N	162.040	W	1				3	NORTHERN ALASKA. <AEIC>. ML 3.6 (AEIC).
	28	19	34	40 0&	61.434	N	146.558	W	16				8	SOUTHERN ALASKA. <AEIC>. ML 2.2 (AEIC), 2.8 (PMR).
	28	19	50	54.1	57.522	N	143.058	W	10	G	4.2	0.7	90	GULF OF ALASKA. ML 4.4 (AEIC), 4.8 (PGC).
	28	20	17	38 8%	41.053	N	19.785	E	10	G		1.0	12	ALBANIA. ML 2.4 (TTG).
	28	20	54	49.6?	11.58	N	61.65	W	50	G		1.7	8	WINDWARD ISLANDS. MD 3.4 (TRN).
	28	21	38	53.3?	37.98	N	22.44	E	10	G		1.6	5	SOUTHERN GREECE. ML 2.8 (ATH).
	28	21	48	49.4&	50.600	N	130.093	W	10	G			6	VANCOUVER ISLAND REGION. <PGC-P>. ML 3.0 (PGC).
	28	22	16	50.5*	36.625	N	140.799	E	110	*	4.7	1.1	13	NEAR EAST COAST OF HONSHU, JAPAN
	28	22	47	22.5?	32.25	S	71.00	W	70	G		0.4	9	NEAR COAST OF CENTRAL CHILE. MD 3.3 (SAN).
a	28	23	49	27.3	4.179	N	62.578	E	10	G	5.3 5.1	1.3	92	CARLSBERG RIDGE
	28	23	55	54.1*	4.229	N	62.337	E	10	G	5.1	1.1	21	CARLSBERG RIDGE
	28	23	56	24.8&	35.520	N	117.486	W	3				12	CENTRAL CALIFORNIA. <PAS-P>. ML 3.0 (PAS), 2.6 (GS).
	28	23	56	36.4?	36.62	N	26.77	E	10	G		1.0	4	DODECANESE ISLANDS. MD 3.4 (ATH).
	28	23	58	16.2*	4.469	N	62.404	E	10	G	5.3 5.1	0.9	64	CARLSBERG RIDGE
	29	00	16	36.3	4.343	N	62.542	E	10	G	5.1 4.8	1.0	49	CARLSBERG RIDGE
	29	00	30	44.6?	4.49	S	144.15	E	152	?	4.7	1.4	9	NEAR N COAST OF NEW GUINEA, PNG.
	29	00	40	35.9&	62.913	N	149.928	W	87				76	CENTRAL ALASKA. <AEIC>.
	29	02	00	25.7	44.291	N	6.817	E	10	G		0.6	18	FRANCE. ML 2.4 (LDG), 2.1 (GEN).
	29	03	11	42.1	15.349	N	61.190	W	151		3.8	0.7	30	LEEWARD ISLANDS. MD 4.2 (TRN).
	29	04	40	12.5?	18.82	S	172.02	W	33	N	5.4	0.7	7	TONGA ISLANDS REGION
	29	04	48	09.8*	52.561	N	171.339	E	33	N	4.7	0.6	16	NEAR ISLANDS, ALEUTIAN ISLANDS
	29	05	04	48.3	33.087	N	139.038	E	209		4.6	1.1	96	SOUTH OF HONSHU, JAPAN
	29	05	25	43 8&	37.567	N	118.873	W	8				33	CALIFORNIA-NEVADA BORDER REGION. <GM-P>. MD 3.7 (GM). ML 3.8 (GS), 3.6 (BRK).
	29	05	31	52.4?	39.21	N	15.28	E	200	G		0.8	4	SOUTHERN ITALY
	29	06	34	54.8	14.968	S	167.237	E	133		5.0	1.0	67	VANUATU ISLANDS
	29	06	49	44.0?	38.17	S	175 56	E	169	?	4.6	0.7	10	NORTH ISLAND, NEW ZEALAND
	29	07	31	20.3*	11.261	S	166.605	E	36	D	5.1	0.9	18	SANTA CRUZ ISLANDS
	29	07	58	14.0?	34.57	S	70.48	W	120	G		0.1	11	CHILE-ARGENTINA BORDER REGION. MD 3.7 (SAN).
	29	08	30	40.6	41 591	N	22.228	E	10	G		0.4	8	NORTHWESTERN BALKAN REGION. MD 2.2 (THE). ML 2.1 (SKO).
	29	10	11	13 8*	4.013	S	141.889	E	110	*	4.6	1.2	14	NEW GUINEA, PAPUA NEW GUINEA
	29	10	24	35.6&	34.976	N	116.939	W	0				16	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS), 2.8 (GS).
	29	10	37	48.5?	56.33	S	26.29	W	33	N	4.7	1.4	8	SOUTH SANDWICH ISLANDS REGION
	29	11	05	50.0	15.834	N	61.210	W	98	*		0.6	18	LEEWARD ISLANDS. MD 3.8 (TRN).
	29	11	37	07.1	41.525	N	22.875	E	13			0.6	12	NORTHWESTERN BALKAN REGION. ML 2.7 (SKO). MD 2.5 (THE).
	29	11	48	15.2*	41.675	N	22.815	E	10	G		1.1	8	NORTHWESTERN BALKAN REGION. MD 2.4 (THE). ML 1.7 (SKO).
	29	12	42	14.3%	45 355	N	26.665	E	10	G		1.3	6	ROMANIA
	29	12	50	16.4*	41.722	N	22.898	E	10	G		0.6	10	NORTHWESTERN BALKAN REGION. MD 2.7 (THE). ML 2.2 (SKO).

	29	13 04 35.9	40.707	N	29.641	E	14			1.1	11	TURKEY
	29	13 17 55.3?	19.55	S	169.76	E	149 ?	4.5		0.7	9	VANUATU ISLANDS
	29	14 21 07.2%	41.027	N	23.985	E	10 G			0.6	7	GREECE-BULGARIA BORDER REGION. MD 2.2 (THE).
	29	14 54 49.8?	10.10	N	62.09	W	10 G			1.2	4	NEAR COAST OF VENEZUELA. MD 3 0 (TRN).
	29	15 00 24.3?	41.10	N	28.34	E	10 G			1.4	4	TURKEY
	29	15 03 49.6?	37.12	N	29.56	E	10 G			0.3	4	TURKEY
	29	15 04 08.1	34.478	N	14.483	E	10 G	4.7	5.3	1.2	144	CENTRAL MEDITERRANEAN SEA
	29	15 09 52.1?	19.59	S	176.75	W	391 ?	4.8		1.0	34	FIJI ISLANDS REGION
a	29	15 16 43.1	0.234	S	124.104	E	40 D	5.5	4.2	1.2	92	SOUTHERN MOLUCCA SEA
	29	15 32 57.0?	60.52	N	4.74	E	10 G			0.8	4	SOUTHERN NORWAY. MD 1.4 (BER). ML 1.2 (NAO).
	29	15 41 32.4%	33.818	S	70.925	W	70 ?			0.2	10	CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
	29	15 53 15.8%	39.063	N	27.566	E	10 G			0.5	5	TURKEY
	29	16 35 04.0*	1.163	N	129.255	E	33 N	4.6		0.5	7	HALMAHERA, INDONESIA
	29	17 09 15.8*	33.650	S	70.897	W	47 ?			1.0	10	CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
	29	17 58 27.6?	13.85	N	90.98	W	33 N	4.3		1.1	26	NEAR COAST OF GUATEMALA
	29	18 15 24.2*	27.405	S	63.279	W	572 *			0.7	15	SANTIAGO DEL ESTERO PROV., ARG.
	29	18 21 32.4%	39.738	N	26.376	E	10 G			1.2	7	TURKEY
	29	18 35 03.4?	6.84	N	73.02	W	168 *			1.4	12	NORTHERN COLOMBIA
	29	18 43 25.6*	40.024	N	142.654	E	33 N	4.1		1.4	15	NEAR EAST COAST OF HONSHU, JAPAN
	29	18 48 12.8?	32.70	S	71.60	W	10 G			1.0	9	NEAR COAST OF CENTRAL CHILE. MD 3.6 (SAN).
a	29	19 15 45.1	19.399	N	103.288	W	95 D	5.0		0.9	168	JALISCO, MEXICO
	29	19 46 27.9?	34.68	S	70.89	W	100 G			0.1	10	CHILE-ARGENTINA BORDER REGION. MD 3.9 (SAN).
	29	20 42 35.0%	33.707	S	70.501	W	101 ?			0.2	10	CHILE-ARGENTINA BORDER REGION. MD 3.6 (SAN).
	29	20 45 55.0%	15.627	N	60.848	W	33 N			0.4	7	LEEWARD ISLANDS. ML 2.7 (FDF).
	29	20 57 20.8?	37.12	N	14.85	E	50 G			0.6	4	SICILY
	29	21 30 39.9	40.570	N	23.437	E	10 G			1.1	9	GREECE. MD 2.0 (THE).
	29	22 16 46.3&	34.059	N	116.373	W	1				23	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.8 (PAS), 3.7 (GS). Felt at Moronga Valley, North Palm Springs and Palm Springs.
	29	22 49 35.9*	46.087	N	14.645	E	10 G			0.4	5	NORTHWESTERN BALKAN REGION. MD 2.3 (LJU).
	29	22 50 04.3?	10.08	S	124.00	E	33 N			0.9	5	TIMOR REGION, INDONESIA
	29	22 52 42.0	34.662	N	14.701	E	9	3.9		1.2	37	CENTRAL MEDITERRANEAN SEA. MD 3.7 (ROM).
	29	23 09 25.2*	38.206	N	20.537	E	10 G			1.0	14	GREECE. MD 3.4 (ATH), 3.3 (THE).
	30	00 01 19.0	37.221	N	29.372	E	26	4.1		1.0	44	TURKEY. ML 4.0 (CSS). MD 4.2 (HLW), 4.1 (THE).
	30	00 06 08.4	37.249	N	29.324	E	10 G			0.8	9	TURKEY. ML 3.6 (CSS).
	30	00 15 09.8?	37.27	N	29.27	E	10 G			1.5	4	TURKEY
	30	00 52 05.3&	34.211	N	116.438	W	4				11	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	30	01 13 29.5*	33.554	S	70.339	W	92 ?			0.4	10	CHILE-ARGENTINA BORDER REGION. MD 3.3 (SAN).
	30	01 17 28.3	37.232	N	29.302	E	10 G			1.1	6	TURKEY. ML 3.6 (CSS).
	30	01 49 52.3?	10.23	N	85.63	W	10 G			0.4	7	COSTA RICA. MD 4.2 (SJR). Felt (III) at Santa Cruz.
	30	02 08 28 8	40 824	N	30.097	E	10 G			0.9	9	TURKEY. MG 2.6 (DDA).
	30	02 55 02 3?	38.11	N	27.65	E	10 G			1.5	5	TURKEY
f	30	03 27 59.1	51.410	N	178.630	W	26 G	5.9	5.7	1.0	565	ANDREANOF ISLANDS, ALEUTIAN IS. ML 5.9 (PMR). Ms 5.9 (BRK). Mo=2.0*10**18 Nm (PPT). Felt (V) on Adak and (II) on Amchitka. Depth from broadband displacement seismograms.
	30	03 41 23.6	39.306	N	25.549	E	10 G			0.8	19	AEGEAN SEA. MD 3.5 (ATH), 3.2 (THE).
	30	04 42 24 9*	26.487	S	114.518	W	10 G	4.9	4.8	0.8	32	EASTER ISLAND REGION
	30	04 48 25.0*	6.314	N	72.307	W	33 N			0.7	5	NORTHERN COLOMBIA
f	30	05 34 00.3	51 281	N	178.037	W	33 N	6 1	6.6	1.0	592	ANDREANOF ISLANDS, ALEUTIAN IS. ML 5.8 (PMR). Ms 6.8 (BRK). Mo=2.0*10**19 Nm (PPT). Felt (V) on Adak and (II) on Amchitka. Complex event observed on broadband displacement seismograms.
	30	05 42 01.7?	18.67	N	65.22	W	10 G			0.1	7	PUERTO RICO REGION
	30	05 49 17.4*	51 007	N	178 004	W	33 N	4 6		0.9	31	ANDREANOF ISLANDS, ALEUTIAN IS.
	30	05 56 26.8	51.309	N	178.574	W	33 N	4.9		1.0	37	ANDREANOF ISLANDS, ALEUTIAN IS.
	30	06 03 25.4	51 216	N	178.147	W	33 N	5.1		1.0	166	ANDREANOF ISLANDS, ALEUTIAN IS. ML 5.5 (PMR). Felt (III) on Adak.
	30	06 47 50.2	51 269	N	178.108	W	33 N	5.1		1.1	156	ANDREANOF ISLANDS, ALEUTIAN IS. Felt (III) on Adak.
	30	07 24 24.7	51.097	N	178.031	W	33 N	5.3	5.3	0.9	221	ANDREANOF ISLANDS, ALEUTIAN IS. ML 5.4 (PMR). Felt (III) on Adak.
	30	07 30 52.4*	51.106	N	177.925	W	33 N	4.1		0.4	11	ANDREANOF ISLANDS, ALEUTIAN IS.
	30	08 35 31.9	51.232	N	178.172	W	33 N	4 6	4.7	0.9	57	ANDREANOF ISLANDS, ALEUTIAN IS. Felt on Adak.
	30	08 42 52.5?	44.15	N	2.39	E	10 G			0.3	4	FRANCE. ML 2.4 (LDG).
	30	09 10 52.7%	44 855	N	0.948	E	10 G			1.5	6	FRANCE. ML 2.3 (LDG).
	30	09 40 21.2%	16.790	N	99.494	W	33 N			1.1	5	NEAR COAST OF GUERRERO, MEXICO
a	30	09 42 50.9	51.148	N	178.175	W	14 G	5.8	6.0	0.9	529	ANDREANOF ISLANDS, ALEUTIAN IS. ML 5.4 (PMR). Mo=2.5*10**18 Nm (PPT). Felt (III) on Adak. Depth from broadband displacement seismograms.
	30	09 59 03.8	51.119	N	178.209	W	33 N	5.7	5.4	0.9	319	ANDREANOF ISLANDS, ALEUTIAN IS. ML 5.0 (PMR). Felt (III) on Adak.
	30	10 05 25.8	51.180	N	178.160	W	33 N	5.1		0.9	97	ANDREANOF ISLANDS, ALEUTIAN IS. Felt on Adak.
	30	10 36 23.5?	51.05	N	177.80	W	33 N	4.0		0.8	8	ANDREANOF ISLANDS, ALEUTIAN IS.
	30	11 18 06.6	11.363	S	134.531	E	38 D	5.4	4.9	0.9	99	NORTHERN TERRITORY, AUSTRALIA. Felt along the coast of Arnhem Land and from Katherine to Darwin.
	30	12 15 05.1%	42.105	N	19.544	E	10 G			0.4	9	NORTHWESTERN BALKAN REGION. ML 2.0 (TTG).
	30	12 41 33.3	51.135	N	178.051	W	33 N	4.7		0.9	52	ANDREANOF ISLANDS, ALEUTIAN IS.
	30	13 05 14.3%	44.392	N	7.327	E	10 G			0.1	5	NORTHERN ITALY. ML 1.5 (GEN).
	30	13 10 47.6%	44.394	N	7.325	E	10 G			0.2	7	NORTHERN ITALY. ML 1.7 (GEN).
	30	13 34 11.8	42.668	N	24.289	E	10 G			1.2	12	BULGARIA. MD 3.2 (THE).
	30	13 50 49.6?	26.09	N	95.66	E	33 N			0.8	7	MYANMAR-INDIA BORDER REGION
	30	14 24 04.2*	7.747	S	128.548	E	131 ?	4.9		1.4	8	BANDA SEA
	30	14 24 37.7?	17.99	N	63.18	W	90 G			0.9	5	LEEWARD ISLANDS. MD 3.9 (TRN).
	30	14 25 56.8&	61.765	N	154.451	W	10				82	SOUTHERN ALASKA. <AEIC>. ML 3.5 (AEIC), 3.9 (PMR).
	30	14 26 07.8*	6.998	N	73.077	W	148 *	4.4		1.4	10	NORTHERN COLOMBIA
	30	15 03 32.7%	44.903	N	6.651	E	10 G			0.3	5	FRANCE. ML 1.5 (GEN).
	30	15 28 03.7%	44.168	N	7.105	E	10 G			0.4	7	NORTHERN ITALY. ML 1.5 (GEN).
	30	15 47 30.5%	44.541	N	7.418	E	10 G			0.4	10	NORTHERN ITALY. ML 1.7 (GEN).
	30	16 06 31.5	41.757	N	22.931	E	10 G			0.7	16	NORTHWESTERN BALKAN REGION. MD 2.9 (THE). ML 2.7 (SKO).
	30	16 11 45.2	44.146	N	11.424	E	10 G			0.9	12	NORTHERN ITALY. MD 3.1 (FIR).
	30	16 17 20.6*	16 495	S	173.920	W	33 N	5.0	4.7	1.2	33	TONGA ISLANDS
	30	16 47 02.5	51.171	N	178.251	W	33 N	4.8	4.0	0.8	107	ANDREANOF ISLANDS, ALEUTIAN IS. Felt on Adak.
	30	17 14 57.0	44.836	N	9.250	E	10 G			0.6	15	NORTHERN ITALY

30	18 48 35.6	44.391 N	113.943 W	5 G			0.4	12	EASTERN IDAHO. ML 3.2 (BUT).
30	19 01 20.2?	34.56 N	14.29 E	10 G	3.7		1.1	16	CENTRAL MEDITERRANEAN SEA
30	20 08 49.0?	32.39 S	71.57 W	10 G			0.6	10	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
30	20 19 13.4	39.679 N	24.026 E	10 G			0.9	11	AEGEAN SEA. MD 2.6 (THE).
30	20 29 41.2?	17.88 N	66.17 W	33 N			0.5	5	PUERTO RICO REGION
30	20 58 25.8	43.387 N	5.436 E	10 G			0.5	9	NEAR SOUTH COAST OF FRANCE. ML 3.0 (LDG).
30	21 00 57.5*	38.368 N	22.253 E	10 G			1.3	6	GREECE. ML 2.6 (ATH).
30	21 05 28.4?	31.69 S	71.71 W	33 N			0.4	10	NEAR COAST OF CENTRAL CHILE. MD 3.9 (SAN).
30	21 45 21.4%	44.729 N	6.581 E	10 G			0.6	8	FRANCE. ML 1.4 (GEN).
30	22 07 04.4	11.087 N	126.037 E	22 D	5.3	4.5	1.1	111	PHILIPPINE ISLANDS REGION. Felt (II RF) at Palo, Leyte.
30	23 28 17.9	51.052 N	177.980 W	33 N	5.2	4.4	0.9	209	ANDREANOF ISLANDS, ALEUTIAN IS. ML 5.3 (PMR). Felt on Adok.
30	23 52 13.3%	10.627 N	62.514 W	75 ?			0.4	9	NEAR COAST OF VENEZUELA. MD 3.1 (TRN).
30	23 57 19.7	40.497 N	23.483 E	10 G			1.1	10	GREECE. MD 2.1 (THE).

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

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01 16 41 13.35  23.749N 121.685E  54km
   6.0mb (128 obs.)
   TAIWAN
   FAULT PLANE SOLUTION: P-Waves
    NP1:Strike=  1 Dip=73 Slip=  69
    NP2:       234     27       140
   Principal Axes:
     T                Plg=57  Azm=243
     P                  25       107
   Comment: The focal mechanism is
     moderately well controlled and
     corresponds to reverse
     faulting with a moderate
     right-lateral strike-slip
     component. The preferred fault
     plane is NP2.
   RADIATED ENERGY
    No. of sta:   8  Focal mech.  F
    Energy        1.7±0.5*10**13 Nm
   MOMENT TENSOR SOLUTION
   Dep  72            No. of sta: 13
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  2.96  Plg=27  Azm=309
     N        0.12      57       166
     P       -3.08      17        48
   Best Double Couple:Mo=3.0*10**17
    NP1:Strike= 91 Dip=58 Slip=   8
    NP2:       356     83       148
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 25S, 48C
   Centroid Location:
   Origin Time        16:41:19.2 0.3
   Lat 23.90N 0.03 Lon 121.65E 0.03
   Dep  63.5 2.0 Half-duration  1.9
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  7.98  Plg=55  Azm=248
     N       -0.52      20         9
     P       -7.47      28       110
   Best Double Couple:Mo=7.7*10**17
    NP1:Strike=240 Dip=25 Slip= 144
    NP2:         3     76        70

02 00 16 01.69  11.742N  87.340W  45km
   5.3mb ( 51 obs.)  7.2Msz ( 30 obs.)
   NEAR COAST OF NICARAGUA
   FAULT PLANE SOLUTION: P-Waves
    NP1.Strike=130 Dip=77 Slip=  85
    NP2:       331     14       111
   Principal Axes:
     T                Plg=58  Azm= 33
     P                  32       224
   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:  11  Focal mech.  F
    Energy        2.6±0.7*10**14 Nm
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
                      M.W.: 31S, 85C
   Centroid Location:
   Origin Time        00:16:42.0 0.1
   Lat 11.20N 0.01 Lon  87.81W 0.01
   Dep  15.0 FIX Half-duration 18.5
   Principal Axes:
     Scale 10**20 Nm
     T  Val=  3.52  Plg=57  Azm= 32
     N       -0.24       0       122
     P       -3.28      33       212
   Best Double Couple:Mo=3.4*10**20
    NP1:Strike=303 Dip=12 Slip=  91
    NP2:       122     78        90

02 05 50 01.90   6.046S 112.138E 625km
   5.9mb ( 87 obs.)
   JAWA, INDONESIA
   FAULT PLANE SOLUTION: P-Waves
    NP1:Strike=120 Dip=57 Slip=-107
    NP2:       329     37       -66
   Principal Axes:
     T                Plg=10  Azm=222
     P                  72       347
   Comment: The focal mechanism is
     well controlled and
     corresponds to normal faulting
     with a moderate strike-slip
     component. The preferred fault
     plane is not determined.
   RADIATED ENERGY
    No. of sta:  12  Focal mech.  F
    Energy        2.6±0.7*10**13 Nm
   MOMENT TENSOR SOLUTION
   Dep 659            No. of sta: 11
   Principal Axes:
     Scale 10**19 Nm
     T  Val=  1.09  Plg=10  Azm=207
     N       -0.02      20       113
     P       -1.07      68       322
   Best Double Couple:Mo=1.1*10**19
    NP1:Strike=319 Dip=39 Slip= -58
    NP2:       100     58      -113
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 35S, 96C
   Centroid Location:
   Origin Time        05:50:10.5 0.2
   Lat  6.11S 0.01 Lon 112.21E 0.02
   Dep 636.5 1.1 Half-duration  5.2
   Principal Axes:
     Scale 10**19 Nm
     T  Val=  1.17  Plg=11  Azm=193
     N       -0.09       6       101
     P       -1.08      77       343
   Best Double Couple:Mo=1.1*10**19
    NP1:Strike=291 Dip=34 Slip= -79
    NP2:        97     57       -97

02 10 26 20.93  37.090N 113.472W  15km
   5.7mb ( 71 obs.)  5.6Msz (  7 obs.)
   UTAH
   FAULT PLANE SOLUTION: P-Waves
    NP1:Strike= 66 Dip=75 Slip= -28
    NP2:       164     63      -163
   Principal Axes:
     T                Plg= 8  Azm=117
     P                  30        22
   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.
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 10S, 19C
   Centroid Location:
   Origin Time        10:26:31.5 0.5
   Lat 37.43N 0.11 Lon 113.79W 0.14
   Dep  15.0 FIX Half-duration  1.7
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  3.10  Plg=14  Azm=133
     N        0.33      23       229
     P       -3.43      63        14
   Best Double Couple:Mo=3.3*10**17
    NP1:Strike=195 Dip=37 Slip=-130
    NP2:        61     63       -64

02 16 50 45.41  10.441N  86.840W   8km
   5.4mb ( 71 obs.)  5.4Msz ( 22 obs.)
   OFF COAST OF COSTA RICA
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 17S, 29C
   Centroid Location:
   Origin Time        16:50:48.3 0.5
   Lat 10.17N 0.05 Lon  87.32W 0.05
   Dep  16.7 2.0 Half-duration  1.8
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  4.23  Plg=14  Azm= 51
     N        0.41      16       145
     P       -4.65      68       282
   Best Double Couple:Mo=4.4*10**17
    NP1:Strike=120 Dip=34 Slip=-120
    NP2:       335     61       -71

02 18 28 56.59  11.302N  86.725W  10km
   5.2mb ( 53 obs.)  5.9Msz ( 36 obs.)
   NEAR COAST OF NICARAGUA
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 23S, 44C
   Centroid Location:
   Origin Time        18:28:59.9 0.4
   Lat 11.11N 0.06 Lon  87.11W 0.05
   Dep  15.0 FIX Half-duration  2.4
   Principal Axes:
     Scale 10**18 Nm
     T  Val=  1.23  Plg=42  Azm=339
     N        0.18      15        84
     P       -1.41      44       189
   Best Double Couple:Mo=1.3*10**18
    NP1:Strike=356 Dip=15 Slip=-178
    NP2:       264     89       -75

02 21 27 04.75   3.259S 139.835E  61km
   5.3mb ( 34 obs.)
   IRIAN JAYA, INDONESIA
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 18S, 31C
   Centroid Location:
   Origin Time        21:27: 6.8 1.2
   Lat  3.27S 0.09 Lon 140.03E 0.07
   Dep  48.1 5.7 Half-duration  1.2
   Principal Axes:
     Scale 10**16 Nm
     T  Val= 11.20  Plg=51  Azm=260
     N       -0.65      31       122
     P      -10.54      21        19
   Best Double Couple:Mo=1.1*10**17
    NP1:Strike= 68 Dip=37 Slip=  30
    NP2:       313     73       123

04 00 21 21.23  11.468N  87.880W  10km
   5.1mb ( 40 obs.)  4.4Msz ( 10 obs.)
   NEAR COAST OF NICARAGUA
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 18S, 25C
   Centroid Location:
   Origin Time        00:21:18.7 1.4
   Lat 10.90N 0.11 Lon  88.25W 0.10
   Dep  15.0 FIX Half-duration  1.1
   Principal Axes:
     Scale 10**16 Nm
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    T  Val=  8.08  Plg= 0  Azm= 65
    N       -0.74       7      335
    P       -7.33      83      159
  Best Double Couple:Mo=7.7*10**16
   NP1:Strike=162 Dip=45 Slip= -81
   NP2:        329     46      -99

04 13 57 28.34  13.232S 167.021E 150km
  5.4mb ( 46 obs.)
  VANUATU ISLANDS
  CENTROID, MOMENT TENSOR    (HRV)
  Data Used: GDSN
  L.P.B.: 23S, 36C
  Centroid Location:
  Origin Time        13:57:36.3 0.8
  Lat 12.71S 0.09 Lon 166.85E 0.05
  Dep 151.4 1.6 Half-duration  1.1
  Principal Axes:
    Scale 10**16 Nm
    T  Val= 11.78  Plg=73  Azm=135
    N        0.22       8       18
    P      -11.99      15      286
  Best Double Couple:Mo=1.2*10**17
   NP1:Strike=  4 Dip=31 Slip=  74
   NP2:        202     61       99

05 20 06 41.82   3.922S 142.563E  43km
  5.6mb ( 47 obs.)  5.2Msz ( 15 obs.)
  NEAR N COAST OF NEW GUINEA, PNG.
  CENTROID, MOMENT TENSOR    (HRV)
  Data Used: GDSN
  L.P.B.: 22S, 39C
  Centroid Location:
  Origin Time        20:06:48.1 0.7
  Lat  4.07S 0.08 Lon 142.33E 0.05
  Dep  50.0 3.3 Half-duration  1.3
  Principal Axes:
    Scale 10**17 Nm
    T  Val=  1.70  Plg=24  Azm=120
    N        0.43      43      234
    P       -2.13      38       10
  Best Double Couple:Mo=1.9*10**17
   NP1:Strike=161 Dip=44 Slip=-167
   NP2:         62     81      -47

05 21 48 12.12  11.999N  87.319W  10km
  5.3mb ( 63 obs.)  6.0Msz ( 37 obs.)
  NEAR COAST OF NICARAGUA
  CENTROID, MOMENT TENSOR    (HRV)
  Data Used: GDSN
  L.P.B.: 29S, 65C
  Centroid Location:
  Origin Time        21:48:19.6 0.3
  Lat 11.39N 0.03 Lon  87.71W 0.03
  Dep  21.6 1.3 Half-duration  2.5
  Principal Axes:
    Scale 10**18 Nm
    T  Val=  1.12  Plg=73  Azm=111
    N       -0.01      17      291
    P       -1.12       0       21
  Best Double Couple:Mo=1.1*10**18
   NP1:Strike=128 Dip=48 Slip= 114
   NP2:        275     48       66

06 13 12 41.35  11.943N  87.457W  26km
  5.3mb ( 46 obs.)  5.5Msz ( 28 obs.)
  NEAR COAST OF NICARAGUA
  CENTROID, MOMENT TENSOR    (HRV)
  Data Used: GDSN
  L.P.B.: 23S, 47C
  Centroid Location:
  Origin Time        13:12:42.1 0.5
  Lat 11.91N 0.07 Lon  87.51W 0.06
  Dep  15.0 FIX Half-duration  1.5
  Principal Axes:
    Scale 10**17 Nm
    T  Val=  3.61  Plg=40  Azm= 15
    N        0.27      13      116
    P       -3.88      48      221
  Best Double Couple:Mo=3.7*10**17
   NP1:Strike= 44 Dip=14 Slip=-162
   NP2:        297     86      -77

06 22 08 03.87   3.555S 144.904E  20km
  4.8mb ( 11 obs.)  4.8Msz (  4 obs.)
  NEAR N COAST OF NEW GUINEA, PNG.
  CENTROID, MOMENT TENSOR    (HRV)
  Data Used: GDSN
  L.P.B.: 13S, 17C
  Centroid Location:
  Origin Time        22:08: 6.5 2.0
  Lat  3.30S 0.19 Lon 145.27E 0.11
  Dep  15.0 FIX Half-duration  1.0
  Principal Axes:
    Scale 10**16 Nm
    T  Val=  4.47  Plg=10  Azm=322
    N        1.22      64       73
    P       -5.68      23      227
  Best Double Couple:Mo=5.1*10**16
   NP1:Strike=  7 Dip=66 Slip=-170
   NP2:        273     81      -24

07 10 54 40.10  20.089S 175.699W 235km
  4.8mb ( 25 obs.)
  TONGA ISLANDS
  CENTROID, MOMENT TENSOR    (HRV)
  Data Used: GDSN
  L.P.B.: 16S, 17C
  Centroid Location:
  Origin Time        10:54:37.1 0.9
  Lat 20.13S  FIX;Lon 175.74W  FIX
  Dep 203.1 4.9 Half-duration  1.2
  Principal Axes:
    Scale 10**16 Nm
    T  Val= 10.29  Plg=31  Azm=349
    N        0.17      51      212
    P      -10.47      21       93
  Best Double Couple:Mo=1.0*10**17
   NP1:Strike=134 Dip=52 Slip=   8
   NP2:         39     84      142

08 05 41 42.34   4.013N  82.597W  10km
  5.2mb ( 51 obs.)  4.5Msz (  4 obs.)
  SOUTH OF PANAMA
  CENTROID, MOMENT TENSOR    (HRV)
  Data Used: GDSN
  L.P.B.: 16S, 24C
  Centroid Location:
  Origin Time        05:41:39.8 1.3
  Lat  3.47N 0.13 Lon  82.52W 0.09
  Dep  15.0 FIX Half-duration  1.4
  Principal Axes:
    Scale 10**16 Nm
    T  Val=  7.86  Plg=16  Azm=317
    N        0.37      70      174
    P       -8.23      11       50
  Best Double Couple:Mo=8.0*10**16
   NP1:Strike= 94 Dip=71 Slip=   4
   NP2:          3     87      161

08 11 31 46.21  16.839S 173.312W  95km
  5.5mb ( 64 obs.)
  TONGA ISLANDS
  CENTROID, MOMENT TENSOR    (HRV)
  Data Used: GDSN
  L.P.B.: 23S, 42C
  Centroid Location:
  Origin Time        11:31:44.1 1.2
  Lat 16.40S 0.10 Lon 173.11W 0.05
  Dep  15.0 FIX Half-duration  1.3
  Principal Axes:
    Scale 10**17 Nm
    T  Val=  1.82  Plg=76  Azm=114
    N       -0.23      13      316
    P       -1.59       5      224
  Best Double Couple:Mo=1.7*10**17
   NP1:Strike=300 Dip=42 Slip=  70
   NP2:        147     51      107

08 14 40 21.61   4.051N  82.582W  10km
  5.2mb ( 50 obs.)  4.9Msz ( 16 obs.)
  SOUTH OF PANAMA
  CENTROID, MOMENT TENSOR    (HRV)
  Data Used: GDSN
  L.P.B.: 27S, 55C
  Centroid Location:
  Origin Time        14:40:25.9 0.6
  Lat  3.88N 0.05 Lon  82.59W 0.03
  Dep  15.0 FIX Half-duration  1.6
  Principal Axes:
    Scale 10**17 Nm
    T  Val=  3.12  Plg= 6  Azm=314
    N        0.10      78      191
    P       -3.22      10       45
  Best Double Couple:Mo=3.2*10**17
   NP1:Strike= 90 Dip=79 Slip=  -2
   NP2:        180     88     -169

09 13 08 54.83  76.208N   7.286E  24km
  5.7mb (104 obs.)  5.8Msz ( 46 obs.)
  SVALBARD REGION
  CENTROID, MOMENT TENSOR    (HRV)
  Data Used: GDSN
  L.P.B.: 28S, 74C
  Centroid Location:
  Origin Time        13:08:58.3 0.2
  Lat 76.12N 0.04 Lon   6.19E 0.10
  Dep  15.0 FIX Half-duration  2.8
  Principal Axes:
    Scale 10**18 Nm
    T  Val=  1.71  Plg=27  Azm= 96
    N       -0.24      16      358
    P       -1.47      58      242
  Best Double Couple:Mo=1.6*10**18
   NP1:Strike=220 Dip=23 Slip= -46
   NP2:        353     74     -106

09 20 44 50.23  23.509S 178.877E 554km
  5.3mb ( 64 obs.)
  SOUTH OF FIJI ISLANDS
  CENTROID, MOMENT TENSOR    (HRV)
  Data Used: GDSN
  L.P.B.: 23S, 38C
  Centroid Location:
  Origin Time        20:44:57.5 0.4
  Lat 23.18S 0.05 Lon 179.08E 0.02
  Dep 581.3 1.3 Half-duration  1.7
  Principal Axes:
    Scale 10**17 Nm
    T  Val=  4.12  Plg= 2  Azm=214
    N       -0.03      13      304
    P       -4.09      77      116
  Best Double Couple:Mo=4.1*10**17
   NP1:Strike=291 Dip=45 Slip=-109
   NP2:        136     48      -72

10 10 43 20.38  22.562S 174.974W  38km
  5.6mb ( 65 obs.)  6.0Msz ( 50 obs.)
  TONGA ISLANDS REGION
  CENTROID, MOMENT TENSOR    (HRV)
  Data Used: GDSN
  L.P.B.: 27S, 54C  M.W.: 11S, 12C
  Centroid Location:
  Origin Time        10:43:23.1 0.2
  Lat 22.50S 0.03 Lon 174.12W 0.02
  Dep  21.7 0.8 Half-duration  2.1
  Principal Axes:
    Scale 10**17 Nm
    T  Val=  9.56  Plg=68  Azm=303
    N        1.32       1      210
    P      -10.89      22      119
  Best Double Couple:Mo=1.0*10**18
   NP1:Strike=207 Dip=23 Slip=  87
   NP2:         31     67       91

10 14 54 37.75  76.288N   7.695E  28km
  5.3mb ( 67 obs.)  5.1Msz (  8 obs.)
  SVALBARD REGION
  CENTROID, MOMENT TENSOR    (HRV)
  Data Used: GDSN
  L.P.B.: 10S, 12C
  Centroid Location:
  Origin Time        14:54:34.6 1.8
  Lat 76.70N 0.17 Lon   4.69E 0.37
  Dep  15.0 FIX Half-duration  1.6
  Principal Axes:
    Scale 10**16 Nm
    T  Val=  9.97  Plg= 0  Azm=155
    N       -1.21      90      180
    P       -8.77       0       65
  Best Double Couple:Mo=9.4*10**16
   NP1:Strike=200 Dip=90 Slip=-180
   NP2:        290     90        0

10 15 03 17.75  10.210N  86.494W  27km
  5.3mb ( 59 obs.)  5.5Msz ( 31 obs.)
  OFF COAST OF COSTA RICA
  CENTROID, MOMENT TENSOR    (HRV)
  Data Used: GDSN
  L.P.B.: 26S, 59C
  Centroid Location:
  Origin Time        15:03:22.2 0.5
  Lat  9.89N 0.04 Lon  86.91W 0.04
  Dep  15.0 BDY Half-duration  2.0
  Principal Axes:
    Scale 10**17 Nm
    T  Val=  7.65  Plg=22  Azm= 29
    N        1.40       9      295
    P       -9.05      66      186
  Best Double Couple:Mo=8.4*10**17
   NP1:Strike=135 Dip=24 Slip= -68
   NP2:        292     68      -99

10 20 10 57.09  17.221S 167.817E  20km
  5.5mb ( 43 obs.)  5.4Msz ( 38 obs.)
  VANUATU ISLANDS
  CENTROID, MOMENT TENSOR    (HRV)
  Data Used: GDSN
  L.P.B.: 28S, 53C
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   Centroid Location:
   Origin Time        20:11: 5.0 0.3
   Lat 16.75S 0.03 Lon 167.70E 0.02
   Dep  15.0 FIX Half-duration  1.9
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  4.75  Plg=64  Azm= 11
     N       -0.45       24       165
     P       -4 30       10       259
   Best Double Couple:Mo=4.5*10**17
    NP1:Strike= 16 Dip=41 Slip= 128
    NP2:        150      59        62

10 22 09 47.60  22.601S 175.098W  38km
   5.5mb ( 38 obs.)  5.5Msz ( 41 obs.)
   TONGA ISLANDS REGION
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 19S, 37C
   Centroid Location:
   Origin Time        22:09:49.7 0.8
   Lat 22.57S 0.08 Lon 174.11W 0.04
   Dep  15.0 FIX Half-duration  1.7
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  2.82  Plg=64  Azm=334
     N        0.24       17       207
     P       -3.07       20       110
   Best Double Couple:Mo=2.9*10**17
    NP1:Strike=174 Dip=29 Slip=  54
    NP2:         34      67       108

10 23 20 29.31  22.431S 174.870W  33km
   5.5mb ( 26 obs.)  5.4Msz ( 27 obs.)
   TONGA ISLANDS REGION
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 19S, 28C
   Centroid Location:
   Origin Time        23:20:32.6 1.6
   Lat 22.42S 0.19 Lon 173.89W 0.07
   Dep  15.0 FIX Half-duration  1.3
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  1.77  Plg=62  Azm=348
     N        0.16       27       189
     P       -1.93        9        94
   Best Double Couple:Mo=1 9*10**17
    NP1:Strike=156 Dip=43 Slip=  49
    NP2:         26      59       122

11 03 57 26.50   6 087S  26.651E  11km
   6.7mb (136 obs.)  6 5Msz ( 52 obs.)
   ZAIRE
   FAULT PLANE SOLUTION  P-Waves
    NP1:Strike= 68 Dip=67 Slip= -90
    NP2:        248      23       -90
   Principal Axes:
     T                Plg=22  Azm=158
     P                    68       338
   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        1.5±0.2*10**14 Nm
   MOMENT TENSOR SOLUTION
   Dep  10            No. of sta: 15
   Principal Axes:
     Scale 10**18 Nm
     T  Val=  5.39  Plg= 5  Azm=126
     N       -0.88       38       220
     P       -4.51       51        29
   Best Double Couple.Mo=4.9*10**18
    NP1:Strike=182 Dip=52 Slip=-142
    NP2:         66      61       -45
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B : 32S, 84C  M.W.: 17S, 25C
   Centroid Location:
   Origin Time        03:57:32.1 0.2
   Lat  5.91S 0 02 Lon  26.42E 0.02
   Dep  15.0 BDY Half-duration  3.8
   Principal Axes.
     Scale 10**18 Nm
     T  Val=  4.06  Plg=14  Azm=135
     N       -0.78       24       232
     P       -3.28       62        18
   Best Double Couple:Mo=3.7*10**18
    NP1:Strike=196 Dip=38 Slip=-132
    NP2:         65      63       -63

11 12 06 00.40  29.852N  51.112E  16km
   5.1mb ( 85 obs.)  5.0Msz ( 31 obs.)
   SOUTHERN IRAN
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 17S, 28C
   Centroid Location:
   Origin Time        12:06: 9.1 0.6
   Lat 29.96N  FIX;Lon  51.11E  FIX
   Dep  15.0 FIX Half-duration  1.1
   Principal Axes:
     Scale 10**16 Nm
     T  Val= 10.94  Plg=71  Azm= 91
     N        2.35       12       321
     P      -13.29       14       228
   Best Double Couple:Mo=1.2*10**17
    NP1:Strike=302 Dip=33 Slip=  67
    NP2:        148      60       104

11 18 24 14.62  30.046N  60.765E  33km
   5.3mb ( 90 obs.)  4.8Msz ( 19 obs.)
   NORTHERN IRAN
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 11S, 19C
   Centroid Location:
   Origin Time        18:24:18.4 0.8
   Lat 30.07N  FIX;Lon  60.76E  FIX
   Dep  33.0 FIX Half-duration  1.0
   Principal Axes:
     Scale 10**16 Nm
     T  Val=  8.80  Plg=61  Azm=247
     N        0.05       15       128
     P       -8.84       24        31
   Best Double Couple:Mo=8.8*10**16
    NP1:Strike= 91 Dip=25 Slip=  51
    NP2:        313      71       106

11 21 06 00.81   4.374S 104.650W  10km
   4.8mb ( 11 obs.)  5.0Msz ( 16 obs.)
   CENTRAL EAST PACIFIC RISE
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 20S, 36C
   Centroid Location:
   Origin Time        21:06: 6.4 0.4
   Lat  4.33S 0.04 Lon 105.11W 0.03
   Dep  15.0 FIX Half-duration  1.5
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  2.59  Plg=18  Azm=145
     N       -0.43       71       304
     P       -2.16        6        52
   Best Double Couple.Mo=2.4*10**17
    NP1:Strike=187 Dip=73 Slip= 171
    NP2:        280      82        18

11 22 24 52.28   4.153N 126.464E  46km
   5.4mb ( 61 obs.)  4.7Msz ( 16 obs.)
   TALAUD ISLANDS, INDONESIA
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 21S, 28C
   Centroid Location:
   Origin Time        22.25: 0.8 0.6
   Lat  4.75N 0.06 Lon 127.24E 0.06
   Dep  37.0 3.9 Half-duration  1.1
   Principal Axes:
     Scale 10**16 Nm
     T  Val=  8.75  Plg=73  Azm=220
     N       -0.11       11       349
     P       -8.64       13        81
   Best Double Couple.Mo=8.7*10**16
    NP1:Strike=186 Dip=33 Slip= 110
    NP2:        342      59        77

12 03 28 25.41  17.191S 174.400E  26km
   5.3mb ( 33 obs.)  5.0Msz ( 22 obs.)
   FIJI ISLANDS REGION
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 22S, 44C
   Centroid Location:
   Origin Time        03.28:35.1 0.5
   Lat 16.53S 0.06 Lon 174.59E 0.03
   Dep  15.0 FIX Half-duration  1.7
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  3.70  Plg=14  Azm=141
     N       -1.05       68        11
     P       -2.65       16       235
   Best Double Couple Mo=3.2*10**17
    NP1:Strike=277 Dip=68 Slip=  -1
    NP2:         8      89      -158

12 14 59 36.18  57.269N 155.230W  55km
   5.5mb (118 obs.)
   ALASKA PENINSULA
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 25S, 43C
   Centroid Location:
   Origin Time        14:59:37.5 0.3
   Lat 57.24N 0.07 Lon 154.87W 0.06
   Dep  67.2 3.7 Half-duration  1.2
   Principal Axes:
     Scale 10**16 Nm
     T  Val= 12.21  Plg=26  Azm=310
     N       -1.29       24        52
     P      -10.91       53       179
   Best Double Couple:Mo=1.2*10**17
    NP1:Strike=358 Dip=29 Slip=-148
    NP2:        239      75       -65

13 10 38 41.74  11.474N  86.800W  33km
   5.0mb ( 47 obs.)  5.2Msz ( 30 obs.)
   NEAR COAST OF NICARAGUA
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 21S, 42C
   Centroid Location:
   Origin Time        10:38:48.6 0.5
   Lat 11.40N  FIX;Lon  86.83W  FIX
   Dep  15.0 FIX Half-duration  1.2
   Principal Axes:
     Scale 10**16 Nm
     T  Val= 11.26  Plg=56  Azm= 56
     N        0.48       19       295
     P      -11.73       27       194
   Best Double Couple:Mo=1.1*10**17
    NP1:Strike=246 Dip=25 Slip=  38
    NP2:        120      75       110

13 10 53 32.66  11.582N  86.720W  28km
   5.0mb ( 43 obs.)  5.5Msz ( 24 obs.)
   NEAR COAST OF NICARAGUA
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 20S, 37C
   Centroid Location:
   Origin Time        10:53:40.8 0.8
   Lat 11.52N  FIX;Lon  86.75W  FIX
   Dep  15 0 FIX Half-duration  1.5
   Principal Axes.
     Scale 10**17 Nm
     T  Val=  2.68  Plg=58  Azm= 35
     N       -0.28        5       298
     P       -2 40       31       205
   Best Double Couple.Mo=2.5*10**17
    NP1:Strike=280 Dip=14 Slip=  71
    NP2:        119      76        95

13 21 42 57.20  61.804N 153.932E  21km
   4.7mb ( 48 obs.)  4.3Msz (  2 obs.)
   EASTERN SIBERIA, RUSSIA
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.:  6S,  6C
   Centroid Location:
   Origin Time        21:43: 4.6 2.9
   Lat 61.94N 0.14 Lon 153.36E 0.46
   Dep  15.0 FIX Half-duration  1.0
   Principal Axes:
     Scale 10**16 Nm
     T  Val=  2.65  Plg= 0  Azm=172
     N        0.34       90       180
     P       -2.99        0        82
   Best Double Couple:Mo=2.8*10**16
    NP1:Strike=217 Dip=90 Slip=-180
    NP2:        307      90         0

14 13 16 28.97  21.389N 117.771E  17km
   5.3mb ( 60 obs.)  5.4Msz (  5 obs.)
   TAIWAN REGION
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 18S, 32C
   Centroid Location:
   Origin Time        13:16:27.4 0.4
   Lat 21.27N 0.05 Lon 117.94E 0.04
   Dep  34.6 3.7 Half-duration  1.4
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  1.91  Plg= 7  Azm=162
     N       -0.20       83       326
     P       -1.71        2        72
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   Best Double Couple:Mo=1.8*10**17
    NP1:Strike=206 Dip=84 Slip= 176
    NP2:        297     86        6

14 20 33 30.50  54.315N 166.672E  38km
   5.5mb (118 obs.)  5.0Msz ( 22 obs.)
   KOMANDORSKY ISLANDS REGION
   CENTROID, MOMENT TENSOR    (HRV)
   Data Used: GDSN
   L.P.B.: 22S, 39C
   Centroid Location:
   Origin Time        20:33:32.7 0.4
   Lat 54.70N 0.06 Lon 166.10E 0.08
   Dep  15.0 FIX Half-duration  1.5
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  2.43  Plg=57  Azm=345
     N       -0.22       17       102
     P       -2.20       27       201
   Best Double Couple:Mo=2.3*10**17
    NP1:Strike=327 Dip=23 Slip= 137
    NP2:         98     74        73

15 02 28 00.45  21.042S 178.763W 581km
   5.3mb ( 60 obs.)
   FIJI ISLANDS REGION
   CENTROID, MOMENT TENSOR    (HRV)
   Data Used: GDSN
   L.P.B.: 21S, 38C
   Centroid Location:
   Origin Time        02:28: 6.2 0.5
   Lat 20.76S 0.06 Lon 178.85W 0.04
   Dep 586.9 2.0 Half-duration  1.6
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  3.62  Plg=31  Azm=137
     N       -0.03        4        44
     P       -3.59       58       308
   Best Double Couple:Mo=3.6*10**17
    NP1:Strike=241 Dip=14 Slip= -73
    NP2:         43     76       -94

15 04 19 35.01  36.278S 100.224W  10km
   5.1mb ( 20 obs.)  4.9Msz ( 16 obs.)
   SOUTHERN PACIFIC OCEAN
   CENTROID, MOMENT TENSOR    (HRV)
   Data Used: GDSN
   L.P.B.: 19S, 36C
   Centroid Location:
   Origin Time        04:19:38.2 0.3
   Lat 36 24S 0 04 Lon 100.26W 0.05
   Dep  15.0 FIX Half-duration  1.4
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  1 76  Plg= 3  Azm= 52
     N        0.22       87       246
     P       -1.98        1       142
   Best Double Couple.Mo=1.9*10**17
    NP1:Strike=187 Dip=88 Slip=   1
    NP2:         97     89       178

15 08 47 11.27  34.064N 116.361W   9km
   4.8mb ( 19 obs.)  4.8Msz (  4 obs.)
   SOUTHERN CALIFORNIA
   CENTROID, MOMENT TENSOR    (HRV)
   Data Used: GDSN
   L.P.B.: 11S, 17C
   Centroid Location:
   Origin Time        08:47:16.9 2.3
   Lat 34.49N 0.22 Lon 116.67W 0.10
   Dep  15.0 FIX Half-duration  1.1
   Principal Axes:
     Scale 10**16 Nm
     T  Val=  9.68  Plg= 0  Azm=106
     N       -4.32       90       180
     P       -5.36        0        16
   Best Double Couple:Mo=7.5*10**16
    NP1:Strike=151 Dip=90 Slip=-180
    NP2:        241     90         0

15 18 40 31.99  11.064N  86.757W  32km
   5.3mb ( 76 obs.)  5.4Msz ( 32 obs.)
   NEAR COAST OF NICARAGUA
   CENTROID, MOMENT TENSOR    (HRV)
   Data Used: GDSN
   L.P.B.: 22S, 49C
   Centroid Location:
   Origin Time        18:40:32.0 1.0
   Lat 10.56N 0.08 Lon  87.56W 0.08
   Dep  15.0 FIX Half-duration  1.8
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  4.04  Plg= 0  Azm=243
     N        1.17        0       153
     P       -5.20       90       180
   Best Double Couple Mo=4.6*10**17
    NP1:Strike=333 Dip=45 Slip= -90
    NP2:        153     45       -90

15 21 03 59.91  14.053S 167.269E 184km
   6.3mb ( 87 obs.)
   VANUATU ISLANDS
   FAULT PLANE SOLUTION: P-Waves
    NP1:Strike= 10 Dip=60 Slip=  90
    NP2:        190     30        90
   Principal Axes:
     T                Plg=75  Azm=280
     P                  15       100
   Comment: The focal mechanism is
     poorly controlled and
     corresponds to reverse
     faulting. The preferred fault
     plane is not determined.
   RADIATED ENERGY
    No. of sta:  15  Focal mech.  M
    Energy        7.4±1.7*10**13 Nm
   MOMENT TENSOR SOLUTION
   Dep 190            No. of sta: 17
   Principal Axes:
     Scale 10**18 Nm
     T  Val=  3.73  Plg=79  Azm=201
     N       -0.01       11        22
     P       -3.73        0       292
   Best Double Couple:Mo=3.7*10**18
    NP1:Strike= 11 Dip=46 Slip=  75
    NP2:        212     46       105
   CENTROID, MOMENT TENSOR    (HRV)
   Data Used: GDSN
   L.P.B.: 25S, 63C  M.W.: 19S, 29C
   Centroid Location:
   Origin Time        21:04: 6.6 0.2
   Lat 14.02S 0.02 Lon 167.15E 0.01
   Dep 195.9 0.5 Half-duration  3.3
   Principal Axes:
     Scale 10**18 Nm
     T  Val=  2.70  Plg=81  Azm=169
     N       -0.22        9       351
     P       -2.48        0       261
   Best Double Couple:Mo=2.6*10**18
    NP1:Strike=342 Dip=45 Slip=  78
    NP2:        179     46       102

16 04 23 16.17  11.645N  93.590E 149km
   5.3mb (121 obs.)
   ANDAMAN ISLANDS, INDIA
   CENTROID, MOMENT TENSOR    (HRV)
   Data Used: GDSN
   L.P.B.: 18S, 22C
   Centroid Location:
   Origin Time        04:23:17.7 0.6
   Lat 11 62N  FIX;Lon  93.62E  FIX
   Dep 156.0 2.0 Half-duration  1.3
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  1.17  Plg=74  Azm= 62
     N       -0.05        7       179
     P       -1.12       14       271
   Best Double Couple.Mo=1.1*10**17
    NP1:Strike= 11 Dip=32 Slip= 104
    NP2:        175     60        81

16 23 51 51.21  12.134N  87.616W  56km
   4.9mb ( 25 obs.)  5.1Msz ( 18 obs.)
   NEAR COAST OF NICARAGUA
   CENTROID, MOMENT TENSOR    (HRV)
   Data Used: GDSN
   L.P.B.: 20S, 34C
   Centroid Location:
   Origin Time        23:51:56.0 0.9
   Lat 12.11N 0.07 Lon  87.90W 0.05
   Dep  17.6 2.2 Half-duration  1.7
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  2.71  Plg=64  Azm= 47
     N       -0.06        6       304
     P       -2.65       25       211
   Best Double Couple:Mo=2.7*10**17
    NP1:Strike=288 Dip=21 Slip=  72
    NP2:        127     70        97

18 06 00 56.30  20.409S 177.872W 495km
   4.9mb ( 23 obs.)
   FIJI ISLANDS REGION
   CENTROID, MOMENT TENSOR    (HRV)
   Data Used: GDSN
   L.P.B.:  7S,  9C
   Centroid Location:
   Origin Time        06:01: 3.2 3.5
   Lat 20.24S 0.26 Lon 178.28W 0.23
   Dep 511.6 6.8 Half-duration  1.0
   Principal Axes:
     Scale 10**16 Nm
     T  Val=  5.02  Plg= 2  Azm=320
     N       -0.12       17       229
     P       -4.90       73        57
   Best Double Couple:Mo=5.0*10**16
    NP1:Strike= 67 Dip=45 Slip= -66
    NP2:        214     49      -112

18 09 30 41.52   3.394N  83.044W  15km
   5.1mb ( 41 obs.)  4.5Msz ( 13 obs.)
   OFF COAST OF CENTRAL AMERICA
   CENTROID, MOMENT TENSOR    (HRV)
   Data Used: GDSN
   L.P.B.: 13S, 19C
   Centroid Location:
   Origin Time        09:30:45.7 0.4
   Lat  3.38N  FIX;Lon  83.05W  FIX
   Dep  15.0 FIX Half-duration  1.0
   Principal Axes:
     Scale 10**16 Nm
     T  Val=  4.22  Plg= 0  Azm=198
     N        2.09        0       108
     P       -6.31       90       180
   Best Double Couple:Mo=5.3*10**16
    NP1:Strike=288 Dip=45 Slip= -90
    NP2:        108     45       -90

18 10 50 34.16   3.454N  82.916W  18km
   5.4mb ( 64 obs.)  4.8Msz ( 11 obs.)
   SOUTH OF PANAMA
   CENTROID, MOMENT TENSOR    (HRV)
   Data Used: GDSN
   L.P.B.: 15S, 21C
   Centroid Location:
   Origin Time        10:50:30.2 2.7
   Lat  3.12N 0.19 Lon  82.62W 0.11
   Dep  15.1 5.1 Half-duration  1.0
   Principal Axes:
     Scale 10**16 Nm
     T  Val=  5.55  Plg= 0  Azm=164
     N        0.41        0        74
     P       -5.96       90       180
   Best Double Couple.Mo=5.8*10**16
    NP1:Strike=254 Dip=45 Slip= -90
    NP2:         74     45       -90

19 22 34 34.61  22.886S 174.747W  33km
   5.2mb ( 37 obs.)  4 8Msz (  9 obs.)
   TONGA ISLANDS REGION
   CENTROID, MOMENT TENSOR    (HRV)
   Data Used: GDSN
   L.P B.:  7S, 10C
   Centroid Location:
   Origin Time        22:34:39.0 1.0
   Lat 22.91S  FIX;Lon 174.77W  FIX
   Dep  51.0 9.3 Half-duration  1.0
   Principal Axes:
     Scale 10**16 Nm
     T  Val=  3.34  Plg=65  Azm=330
     N        1.07       11       215
     P       -4.41       22       121
   Best Double Couple:Mo=3.9*10**16
    NP1:Strike=191 Dip=25 Slip=  63
    NP2:         40     68       102

20 00 12 17.50  17.545S 178.766W 543km
   5.2mb ( 43 obs.)
   FIJI ISLANDS REGION
   CENTROID, MOMENT TENSOR    (HRV)
   Data Used: GDSN
   L.P.B.: 13S, 17C
   Centroid Location:
   Origin Time        00:12:19.7 0.5
   Lat 17.50S  FIX;Lon 178.80W  FIX
   Dep 571.6 4.0 Half-duration  1.2
   Principal Axes:
     Scale 10**16 Nm
     T  Val=  9.97  Plg=18  Azm=149
     N        2.18       42        41
     P      -12.15       42       256
   Best Double Couple:Mo=1.1*10**17
    NP1:Strike=283 Dip=46 Slip= -21
    NP2:         28     75      -134

21 10 18 49.33   7.816S  13.585W  10km
   5.8mb ( 99 obs.)  5 4Msz ( 44 obs.)
   ASCENSION ISLAND REGION
   FAULT PLANE SOLUTION: P-Waves
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   NP1:Strike=331 Dip=75 Slip= -17
   NP2:        66      74      -164
  Principal Axes:
    T                Plg= 1  Azm= 18
    P                  23       288
  Comment: The focal mechanism is
    poorly controlled and
    corresponds to strike-slip
    faulting with a moderate
    normal component. The
    preferred fault plane is not
    determined.
  MOMENT TENSOR SOLUTION
  Dep 29            No. of sta:  5
  Principal Axes:
    Scale 10**17 Nm
    T  Val=  3.07  Plg= 9  Azm= 24
    N        0.00      62       132
    P       -3.07      26       290
  Best Double Couple:Mo=3.1*10**17
   NP1:Strike= 70 Dip=65 Slip=-168
   NP2:       334      79       -25
  CENTROID, MOMENT TENSOR    (HRV)
  Data Used: GDSN
  L.P.B.: 21S, 44C
  Centroid Location:
  Origin Time        10:18:59.8 0.3
  Lat  7.63S 0.04 Lon  14.08W 0.03
  Dep  15.0 FIX Half-duration  1.4
  Principal Axes:
    Scale 10**17 Nm
    T  Val=  2.70  Plg=68  Azm=208
    N        0.39      20         9
    P       -3.09       6       102
  Best Double Couple.Mo=2.9*10**17
   NP1:Strike=213 Dip=43 Slip= 121
   NP2:       354      55        65

22 14 05 55.07  36.334N  52.701E  36km
  5.2mb ( 95 obs.)  4.4Msz ( 22 obs.)
  NORTHERN IRAN
  CENTROID, MOMENT TENSOR    (HRV)
  Data Used: GDSN
  L.P.B.: 11S, 18C
  Centroid Location:
  Origin Time        14:06: 1.6 2.4
  Lat 36.67N 0.19 Lon  53.00E 0.12
  Dep  33.0 FIX Half-duration  1.0
  Principal Axes:
    Scale 10**16 Nm
    T  Val=  4.28  Plg=79  Azm= 86
    N        0.06      10       279
    P       -4.34       2       189
  Best Double Couple Mo=4.3*10**16
   NP1:Strike=268 Dip=44 Slip=  75
   NP2:       108      48       104

23 08 10 53.11   1.139N 123.390E  32km
  5.0mb ( 19 obs.)  5.0Msz (  5 obs.)
  MINAHASSA PENINSULA, SULAWESI
  CENTROID, MOMENT TENSOR    (HRV)
  Data Used: GDSN
  L.P.B.: 22S, 36C
  Centroid Location:
  Origin Time        08:10:55.7 0.6
  Lat  1.39N 0.05 Lon 123.37E 0.07
  Dep  61.5 5.3 Half-duration  1.3
  Principal Axes:
    Scale 10**17 Nm
    T  Val=  1.56  Plg=66  Azm=218
    N        0.17      18        83
    P       -1.73      16       347
  Best Double Couple:Mo=1.6*10**17
   NP1:Strike= 53 Dip=33 Slip=  56
   NP2:       272      63       110

23 13 38 35.20  31.129N 130.229E 161km
  5.7mb (165 obs.)
  KYUSHU, JAPAN
  FAULT PLANE SOLUTION: P-Waves
   NP1:Strike= 11 Dip=71 Slip=  84
   NP2:       209      20       107
  Principal Axes:
    T                Plg=64  Azm=271
    P                  26       106
  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.
  MOMENT TENSOR SOLUTION
  Dep 160           No. of sta:  6
  Principal Axes:
    Scale 10**17 Nm
    T  Val=  5.32  Plg=44  Azm=287
    N        1.64      23       173
    P       -6.97      37        64
  Best Double Couple:Mo=6.1*10**17
   NP1:Strike= 93 Dip=23 Slip=   9
   NP2:       354      86       113
  CENTROID, MOMENT TENSOR    (HRV)
  Data Used: GDSN
  L.P.B.: 16S, 22C
  Centroid Location:
  Origin Time        13:38:39.2 0.4
  Lat 31.14N 0.06 Lon 130.16E 0.03
  Dep 168.5 1.4 Half-duration  1.7
  Principal Axes:
    Scale 10**17 Nm
    T  Val=  3.85  Plg=48  Azm=256
    N        0.00      22        13
    P       -3.85      33       118
  Best Double Couple:Mo=3.8*10**17
   NP1:Strike=261 Dip=24 Slip= 160
   NP2:         9      82        68

23 14 52 27.64   6.163S  26.718E  11km
  5.6mb ( 94 obs.)  5.1Msz ( 12 obs.)
  ZAIRE
  CENTROID, MOMENT TENSOR    (HRV)
  Data Used: GDSN
  L.P.B.: 23S, 39C
  Centroid Location:
  Origin Time        14:52:35.3 0.4
  Lat  5.64S 0.05 Lon  26.48E 0.04
  Dep  15.0 BDY Half-duration  1.5
  Principal Axes:
    Scale 10**17 Nm
    T  Val=  2.51  Plg= 1  Azm=289
    N       -0.02      26       198
    P       -2.48      64        21
  Best Double Couple:Mo=2.5*10**17
   NP1:Strike= 42 Dip=50 Slip= -55
   NP2:       176      51      -124

24 00 51 46.74  59.478S  25.971W  21km
  5.3mb (  8 obs.)  5.1Msz (  3 obs.)
  SOUTH SANDWICH ISLANDS REGION
  CENTROID, MOMENT TENSOR    (HRV)
  Data Used: GDSN
  L.P.B.: 21S, 34C
  Centroid Location:
  Origin Time        00:51:56.6 0.3
  Lat 60.11S 0.08 Lon  25.55W 0.12
  Dep  15.0 FIX Half-duration  1.2
  Principal Axes:
    Scale 10**17 Nm
    T  Val=  1.80  Plg=46  Azm=217
    N        0.00      42        20
    P       -1.79       9       118
  Best Double Couple:Mo=1.8*10**17
   NP1:Strike=246 Dip=52 Slip= 149
   NP2:       356      66        43

24 12 08 21.88   1.355N 123.497E  24km
  5.1mb ( 25 obs.)  4.8Msz (  7 obs.)
  MINAHASSA PENINSULA, SULAWESI
  CENTROID, MOMENT TENSOR    (HRV)
  Data Used: GDSN
  L.P.B.: 19S, 26C
  Centroid Location:
  Origin Time        12:08:19.1 0.8
  Lat  1.34N  FIX;Lon 123.44E  FIX
  Dep  15.0 FIX Half-duration  1.1
  Principal Axes:
    Scale 10**16 Nm
    T  Val=  6.31  Plg=71  Azm=293
    N        2.11      18        95
    P       -8.42       6       187
  Best Double Couple:Mo=7.4*10**16
   NP1:Strike=295 Dip=42 Slip= 117
   NP2:        81      53        67

24 18 17 10.96  61.220S 154.359E  10km
  5.5mb ( 17 obs.)  5.8Msz ( 34 obs.)
  BALLENY ISLANDS REGION
  CENTROID, MOMENT TENSOR    (HRV)
  Data Used: GDSN
  L.P.B.: 26S, 61C
  Centroid Location:
  Origin Time        18:17:20.7 0.2
  Lat 61.32S 0.03 Lon 154.03E 0.05
  Dep  15.0 FIX Half-duration  2.8
  Principal Axes:
    Scale 10**18 Nm
    T  Val=  1.80  Plg=21  Azm= 21
    N       -0.36      69       198
    P       -1.44       1       291
  Best Double Couple:Mo=1.6*10**18
   NP1:Strike= 64 Dip=75 Slip= 166
   NP2:       158      76        16

24 20 18 51.61  21.127S 175.768W  33km
  5.0mb (  9 obs.)  5.5Msz ( 15 obs.)
  TONGA ISLANDS
  CENTROID, MOMENT TENSOR    (HRV)
  Data Used: GDSN
  L.P.B.: 24S, 38C
  Centroid Location:
  Origin Time        20:18:54.4 0.6
  Lat 21.15S 0.07 Lon 175.43W 0.05
  Dep  16.4 2.4 Half-duration  1.5
  Principal Axes:
    Scale 10**17 Nm
    T  Val=  2.86  Plg=87  Azm=197
    N       -0.56       2       355
    P       -2.30       1        85
  Best Double Couple:Mo=2.6*10**17
   NP1:Strike=177 Dip=44 Slip=  93
   NP2:       352      46        87

25 14 15 38.54  12.306N  87.576W  86km
  4.9mb ( 23 obs.)
  NEAR COAST OF NICARAGUA
  CENTROID, MOMENT TENSOR    (HRV)
  Data Used: GDSN
  L.P.B.: 21S, 36C
  Centroid Location:
  Origin Time        14:15:36.4 0.6
  Lat 12.07N  FIX;Lon  87.61W  FIX
  Dep  15.0 FIX Half-duration  1.2
  Principal Axes:
    Scale 10**17 Nm
    T  Val=  1 83  Plg=58  Azm= 38
    N       -0.25       6       299
    P       -1.58      31       205
  Best Double Couple:Mo=1.7*10**17
   NP1:Strike=277 Dip=15 Slip=  67
   NP2:       120      76        96

26 05 45 50.63  64.780N  17.594W  10km
  5.5mb (113 obs.)  5.4Msz ( 45 obs.)
  ICELAND
  CENTROID, MOMENT TENSOR    (HRV)
  Data Used: GDSN
  L.P B.: 25S, 49C
  Centroid Location:
  Origin Time        05:45:55.9 0.3
  Lat 64.60N 0.04 Lon  17.25W 0 07
  Dep  15.0 BDY Half-duration  1.7
  Principal Axes:
    Scale 10**17 Nm
    T  Val=  4.02  Plg=67  Azm=304
    N       -1.59      12        66
    P       -2.43      19       160
  Best Double Couple:Mo=3.2*10**17
   NP1:Strike=269 Dip=28 Slip= 116
   NP2:        60      65        77

26 07 39 21.43  36.978S  78.298E  10km
  5.3mb ( 24 obs.)  5.6Msz ( 22 obs.)
  MID-INDIAN RIDGE
  CENTROID, MOMENT TENSOR    (HRV)
  Data Used: GDSN
  L.P.B.: 21S, 42C
  Centroid Location:
  Origin Time        07:39:27.4 0.3
  Lat 36.75S 0.06 Lon  78.69E 0.05
  Dep  15.0 FIX Half-duration  1.6
  Principal Axes:
    Scale 10**17 Nm
    T  Val=  3.36  Plg=23  Azm=279
    N        0.03      57        51
    P       -3.39      21       179
  Best Double Couple:Mo=3.4*10**17
   NP1:Strike=318 Dip=58 Slip= 178
   NP2:        49      89        32

26 22 15 57.51   1.289N 129.118E  28km
  5.9mb (104 obs.)  6.5Msz ( 69 obs.)
  HALMAHERA, INDONESIA
  FAULT PLANE SOLUTION: P-Waves
   NP1:Strike=358 Dip=88 Slip= 135
   NP2:        90      45         3
  Principal Axes:
    T                Plg=32  Azm=304
    P                  28        53
```

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: 12 Focal mech. M
Energy 5.9±1.2*10**14 Nm
MOMENT TENSOR SOLUTION
Dep 20 No. of sta: 13
Principal Axes:
Scale 10**19 Nm
T Val= 1.10 Plg=20 Azm=311
N 0.15 62 176
P -1.26 18 48
Best Double Couple:Mo=1.2*10**19
NP1:Strike= 90 Dip=62 Slip= 2
NP2: 359 89 152
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 33S, 88C M.W.: 22S, 45C
Centroid Location:
Origin Time 22:16: 3.1 0.2
Lat 1.45N 0.01 Lon 129.38E 0.01
Dep 32.6 1.0 Half-duration 5.0
Principal Axes:
Scale 10**18 Nm
T Val= 8.29 Plg= 7 Azm=307
N -0.09 71 197
P -8.19 18 39
Best Double Couple:Mo=8.2*10**18
NP1:Strike= 82 Dip=72 Slip= -8
NP2: 174 82 -162

27 10 04 40.12 1.269N 129.245E 28km
5.4mb (65 obs.) 5.7Msz (28 obs.)
HALMAHERA, INDONESIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 29S, 73C
Centroid Location:
Origin Time 10:04:41.8 0.3
Lat 1.13N 0.03 Lon 129.50E 0.02
Dep 30.4 2.4 Half-duration 2.2
Principal Axes:
Scale 10**17 Nm
T Val= 7.84 Plg=16 Azm=304
N -0.27 66 174
P -7.57 17 39
Best Double Couple:Mo=7.7*10**17
NP1:Strike= 81 Dip=66 Slip= -1
NP2: 172 89 -156

27 17 48 13.03 53.933N 157.299W 33km
5.8mb (150 obs.) 5.4Msz (34 obs.)
SOUTH OF ALASKA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 30S, 74C
Centroid Location:
Origin Time 17:48:12.8 0.1
Lat 53.45N 0.03 Lon 157.31W 0.03
Dep 17.2 1.3 Half-duration 2.1
Principal Axes:
Scale 10**17 Nm
T Val= 7.65 Plg= 5 Azm=315
N -2.65 0 224
P -5.00 85 130
Best Double Couple.Mo=6.3*10**17
NP1:Strike= 45 Dip=40 Slip= -89
NP2: 224 50 -90

28 07 41 28.69 13.474N 90.675W 67km
5.4mb (74 obs.)
NEAR COAST OF GUATEMALA
CENTROID, MOMENT TENSOR (HRV)
Data Used GDSN
L.P.B.: 31S, 80C
Centroid Location:
Origin Time 07:41:28.7 0.2
Lat 13.24N 0.02 Lon 90.99W 0.02
Dep 15.0 BDY Half-duration 2.5
Principal Axes:
Scale 10**18 Nm
T Val= 1.13 Plg=15 Azm=199
N 0.24 15 293
P -1.37 68 66
Best Double Couple:Mo=1.2*10**18
NP1:Strike=269 Dip=32 Slip=-119
NP2: 122 62 -73

28 11 40 53.31 19.203S 169.043E 142km
5.2mb (55 obs.)
VANUATU ISLANDS
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 20S, 36C
Centroid Location:
Origin Time 11:41: 1.7 0.9
Lat 18.65S 0.10 Lon 169.12E 0.05
Dep 151.1 1.9 Half-duration 1.4
Principal Axes:
Scale 10**17 Nm
T Val= 1.80 Plg=53 Azm=132
N -0.28 27 359
P -1.52 23 256
Best Double Couple:Mo=1.7*10**17
NP1:Strike=306 Dip=33 Slip= 32
NP2: 188 73 119

28 14 06 02.64 24.121N 122.648E 30km
5.8mb (124 obs.) 6.1Msz (41 obs.)
TAIWAN REGION
RADIATED ENERGY
No. of sta: 9 Focal mech. M
Energy 7.8±1.8*10**12 Nm
MOMENT TENSOR SOLUTION
Dep 34 No. of sta: 15
Principal Axes:
Scale 10**18 Nm
T Val= 4.90 Plg=52 Azm=250
N -0.11 33 37
P -4.79 17 138
Best Double Couple:Mo=4.8*10**18
NP1:Strike=266 Dip=41 Slip= 147
NP2: 22 69 54
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 25S, 60C M.W.: 5S, 8C
Centroid Location:
Origin Time 14:06:11.9 0.3
Lat 24.37N 0.03 Lon 122.60E 0.03
Dep 38.1 BDY Half-duration 2.6
Principal Axes:
Scale 10**18 Nm
T Val= 1.46 Plg=61 Azm=308
N 0.43 18 73
P -1.89 22 170
Best Double Couple:Mo=1.7*10**18
NP1:Strike=290 Dip=28 Slip= 130
NP2: 66 69 71

28 23 49 27.35 4.179N 62.578E 10km
5 3mb (34 obs.) 5.1Msz (7 obs.)
CARLSBERG RIDGE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 16S, 21C
Centroid Location:
Origin Time 23:49:36.5 0.5
Lat 4.43N FIX;Lon 62.49E FIX
Dep 15.0 FIX Half-duration 1.1
Principal Axes:
Scale 10**16 Nm
T Val= 7.70 Plg= 0 Azm=201
N 1.17 0 111
P -8.87 90 180
Best Double Couple:Mo=8.3*10**16
NP1:Strike=291 Dip=45 Slip= -90
NP2: 111 45 -90

29 15 16 43.11 0.234S 124.104E 40km
5 5mb (46 obs.) 4.2Msz (2 obs.)
SOUTHERN MOLUCCA SEA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 16C
Centroid Location:
Origin Time 15:16:47.8 0.8
Lat 0.22S FIX;Lon 124.11E FIX
Dep 72.311.9 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 6.99 Plg=36 Azm=325
N -0.68 53 130
P -6.32 7 229
Best Double Couple:Mo=6.7*10**16
NP1:Strike= 1 Dip=59 Slip= 158
NP2: 103 71 33

29 19 15 45.15 19.399N 103.288W 95km
5.0mb (50 obs.)
JALISCO, MEXICO
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 20S, 26C
Centroid Location:
Origin Time 19:15:47.9 0.6
Lat 19.06N 0.06 Lon 103.93W 0.09
Dep 94.8 4.3 Half-duration 1.0
Principal Axes:
Scale 10**16 Nm
T Val= 9.75 Plg=46 Azm= 8
N 0.84 16 115
P -10.59 40 218
Best Double Couple:Mo=1.0*10**17
NP1:Strike= 12 Dip=16 Slip= 167
NP2: 114 87 74

30 03 27 59.14 51.410N 178.630W 26km
5.9mb (155 obs.) 5.7Msz (58 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS.
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 65 Dip=78 Slip= 90
NP2: 245 12 90
Principal Axes:
T Plg=57 Azm=335
P 33 155
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
RADIATED ENERGY
No. of sta: 10 Focal mech. M
Energy 3.3±1.0*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 19 No. of sta: 30
Principal Axes:
Scale 10**18 Nm
T Val= 1.14 Plg=54 Azm=324
N 0.05 4 59
P -1.18 36 152
Best Double Couple:Mo=1.2*10**18
NP1:Strike=265 Dip=10 Slip= 116
NP2: 59 81 86
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 29S, 68C
Centroid Location:
Origin Time 03:28: 2.7 0.2
Lat 51.23N 0.03 Lon 178.27W 0.04
Dep 26.3 1.7 Half-duration 2.0
Principal Axes:
Scale 10**17 Nm
T Val= 11.34 Plg=58 Azm=309
N 0.74 6 48
P -12.08 31 141
Best Double Couple:Mo=1.2*10**18
NP1:Strike=251 Dip=14 Slip= 113
NP2: 47 77 84

30 05 34 00.30 51.281N 178.037W 33km
6.1mb (168 obs.) 6.6Msz (69 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS.
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 65 Dip=80 Slip= 90
NP2: 245 10 90
Principal Axes:
T Plg=55 Azm=335
P 35 155
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
RADIATED ENERGY
No. of sta: 23 Focal mech. M
Energy 3.6±0.7*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 8 No. of sta: 31
Principal Axes:
Scale 10**18 Nm
T Val= 9.61 Plg=55 Azm=302
N -0.31 17 58
P -9.30 29 157
Best Double Couple:Mo=9.5*10**18
NP1:Strike=286 Dip=22 Slip= 141
NP2: 54 77 73
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 32S, 81C M.W.: 15S, 35C
Centroid Location:
Origin Time 05:34: 6.2 0.1
Lat 51.20N 0.01 Lon 178.01W 0.02
Dep 15.0 FIX Half-duration 4.4
Principal Axes:
Scale 10**18 Nm

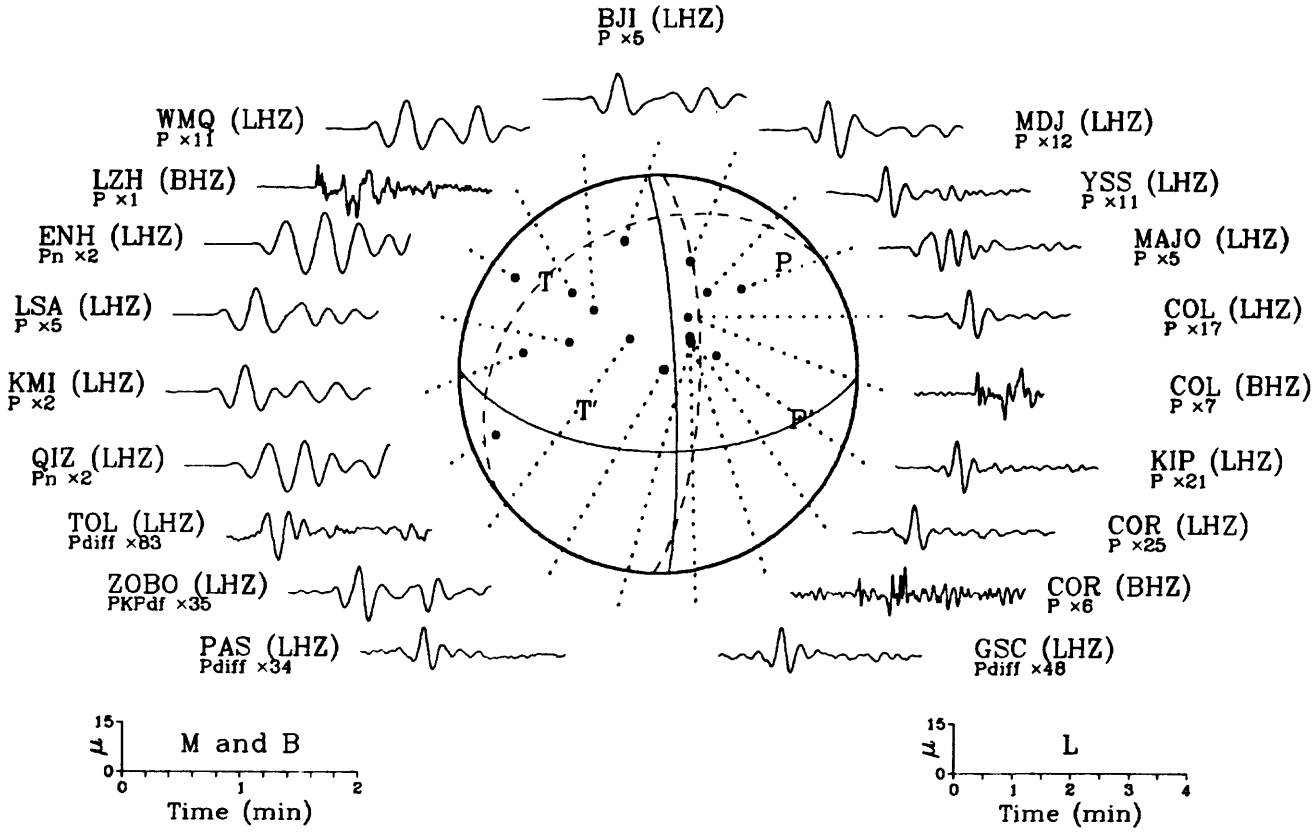
```
     T  Val=  9.33  Plg=59  Azm=325
     N        0.27       4       62
     P       -9.60      30      155
   Best Double Couple:Mo=9.5*10**18
    NP1:Strike=258 Dip=15 Slip= 106
    NP2:         61     75       86

30 09 42 50.95  51.148N 178.175W  14km
   5.8mb (166 obs.)  6.0Msz ( 70 obs.)
   ANDREANOF ISLANDS, ALEUTIAN IS.
   FAULT PLANE SOLUTION: P-Waves
    NP1:Strike= 80 Dip=77 Slip=  90
    NP2:        260     13       90
   Principal Axes:
     T                Plg=58  Azm=350
     P                   32      170
   Comment: The focal mechanism is
     poorly controlled and
     corresponds to reverse
     faulting. The preferred fault
     plane is NP2.
   RADIATED ENERGY
    No. of sto:  17  Focal mech.  C
    Energy        8.3±1.8*10**12 Nm
```

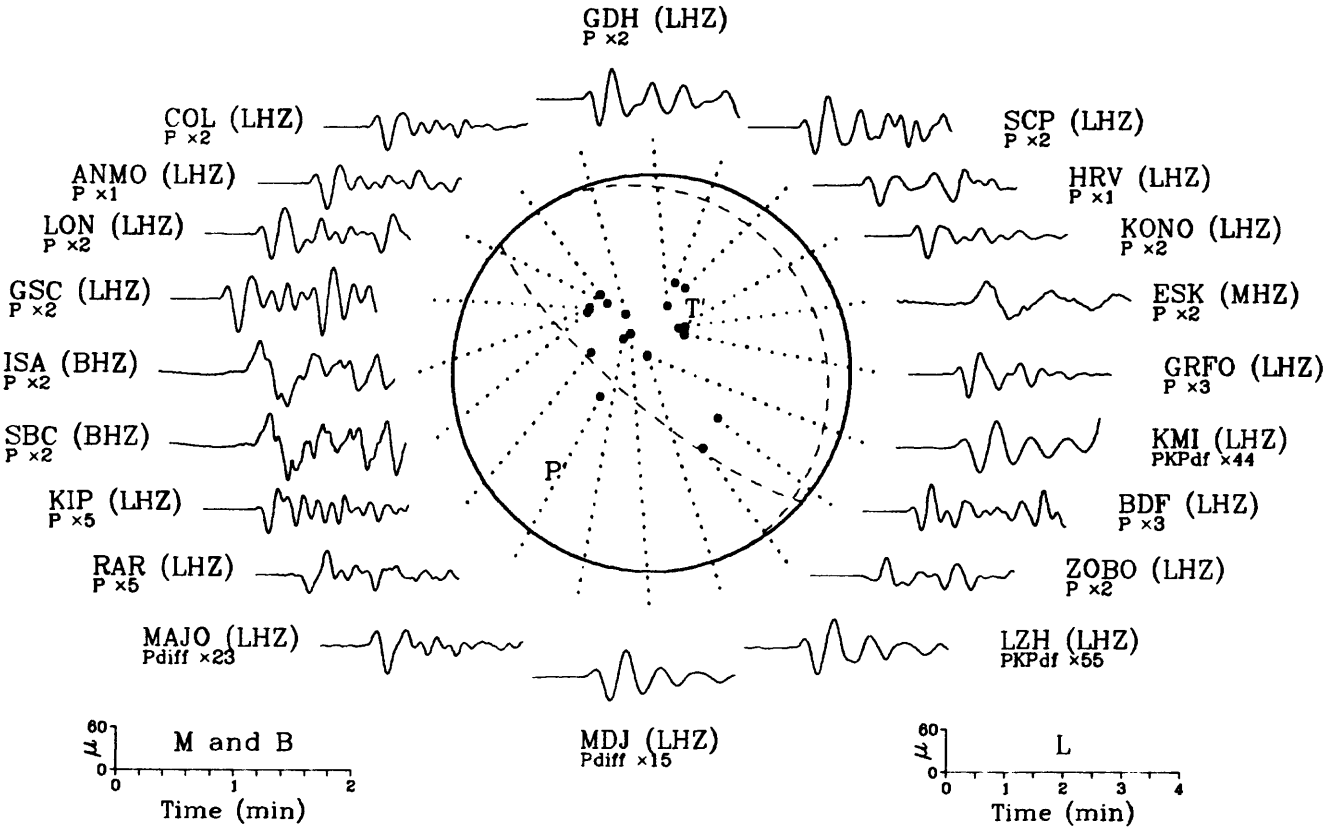
```
   CENTROID, MOMENT TENSOR    (HRV)
   Data Used: GDSN
   L.P.B.: 27S, 66C
   Centroid Location:
   Origin Time        09:43: 2.7 0.2
   Lat 51.31N 0.02 Lon 178.17W 0.04
   Dep  17.1 1.5 Half-duration  3.0
   Principal Axes:
     Scale 10**18 Nm
     T  Val=  1.54  Plg=59  Azm=312
     N       -0.06       9       58
     P       -1.47      29      154
   Best Double Couple:Mo=1.5*10**18
    NP1:Strike=269 Dip=18 Slip= 122
    NP2:         56     75       80
```

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

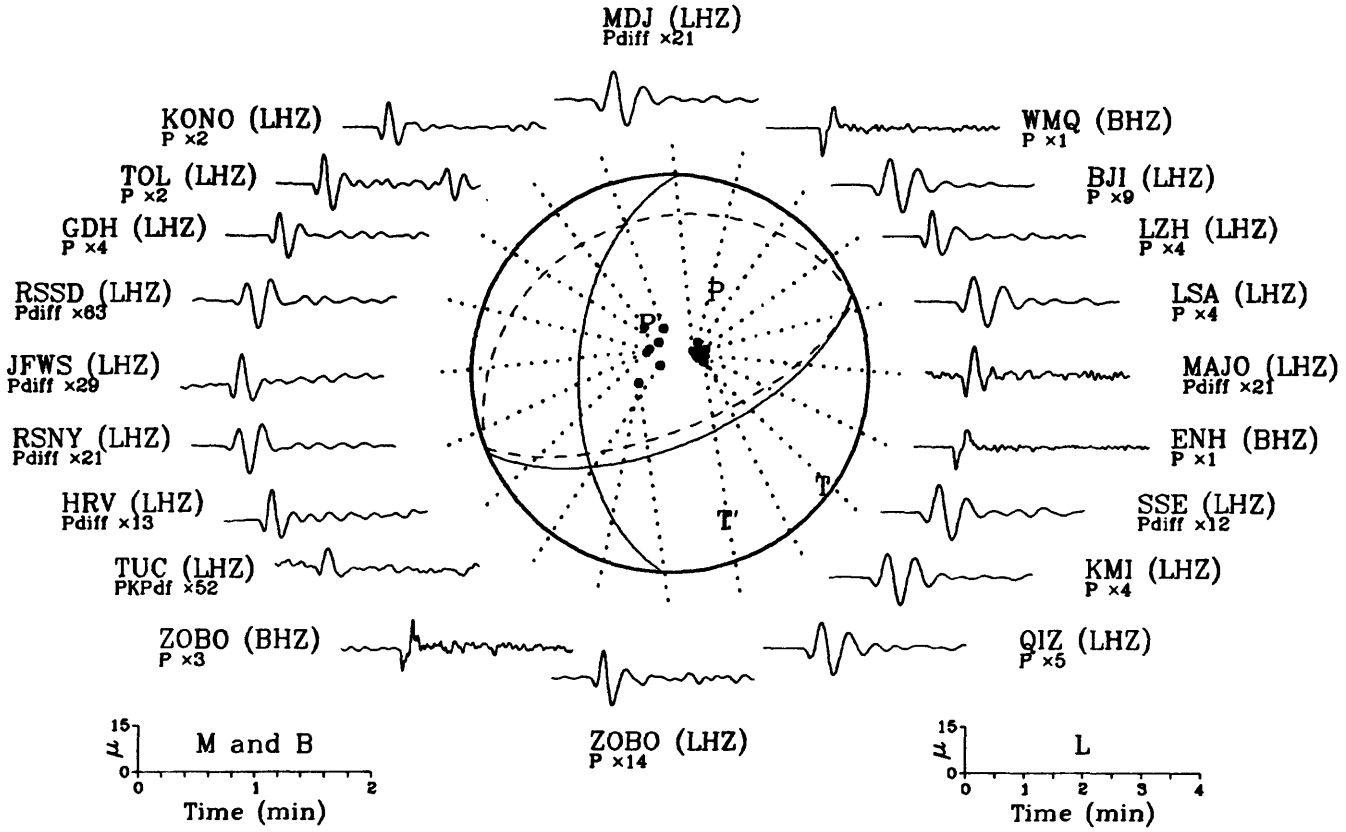
01 September 1992 16:41:13.35
Taiwan



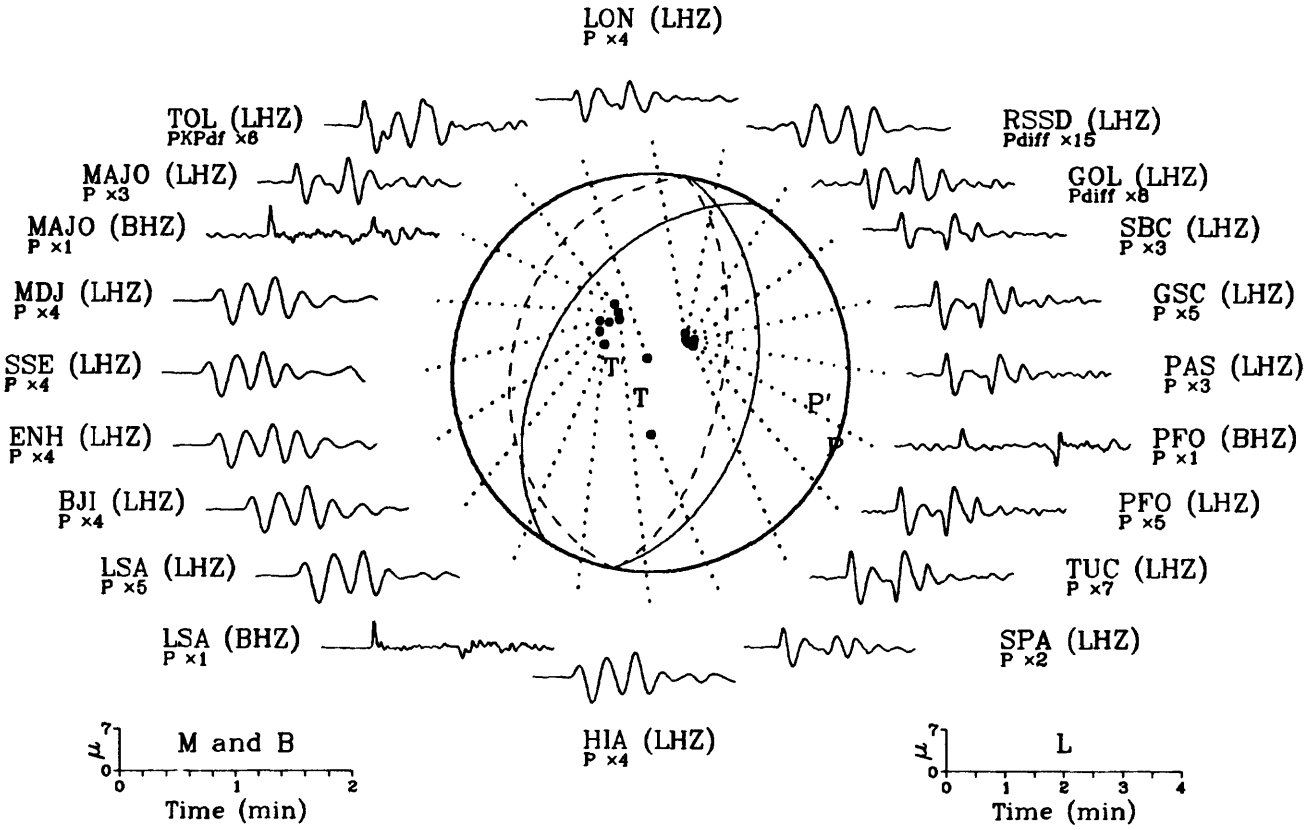
02 September 1992 00:16:01.69
Near Coast of Nicaragua



11 September 1992 03:57:26.50
Zaire



15 September 1992 21:03:59.91
Vanuatu Islands



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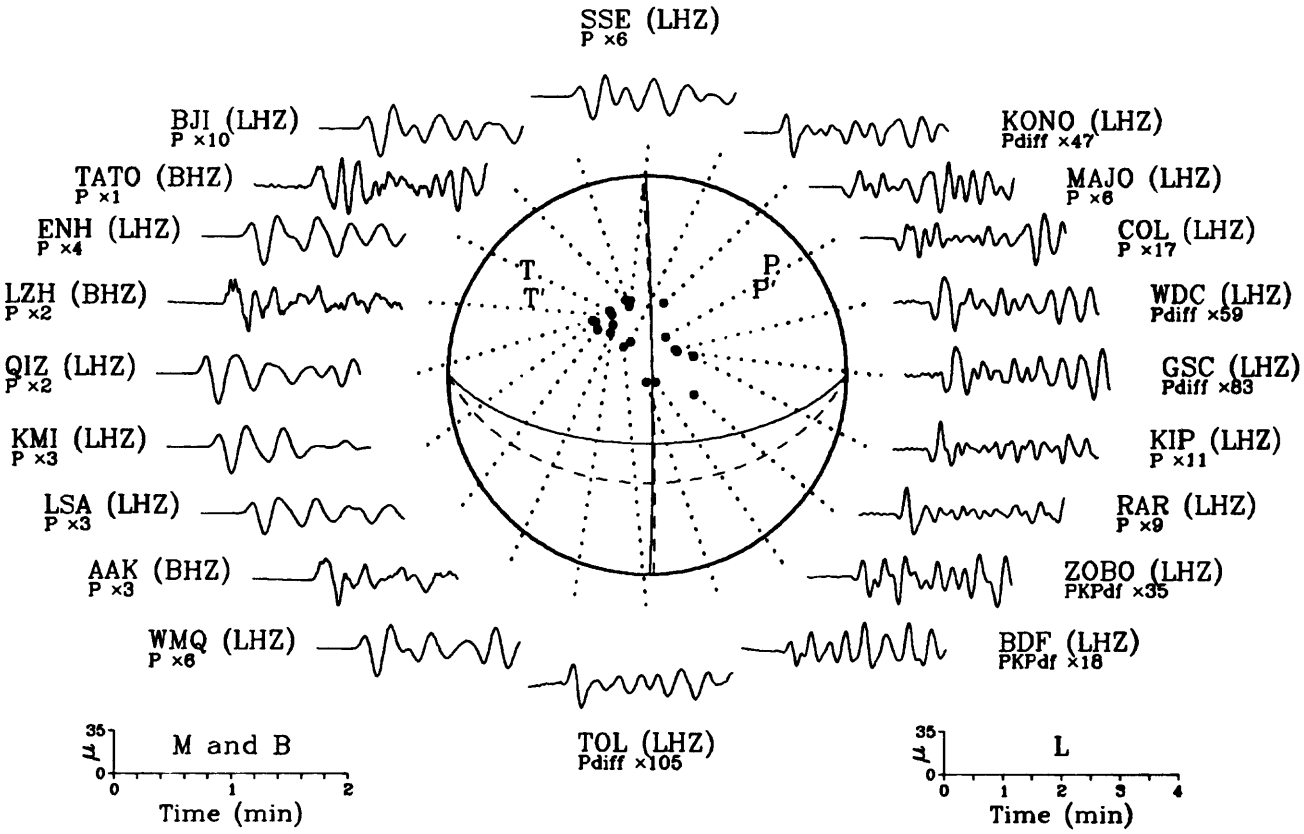
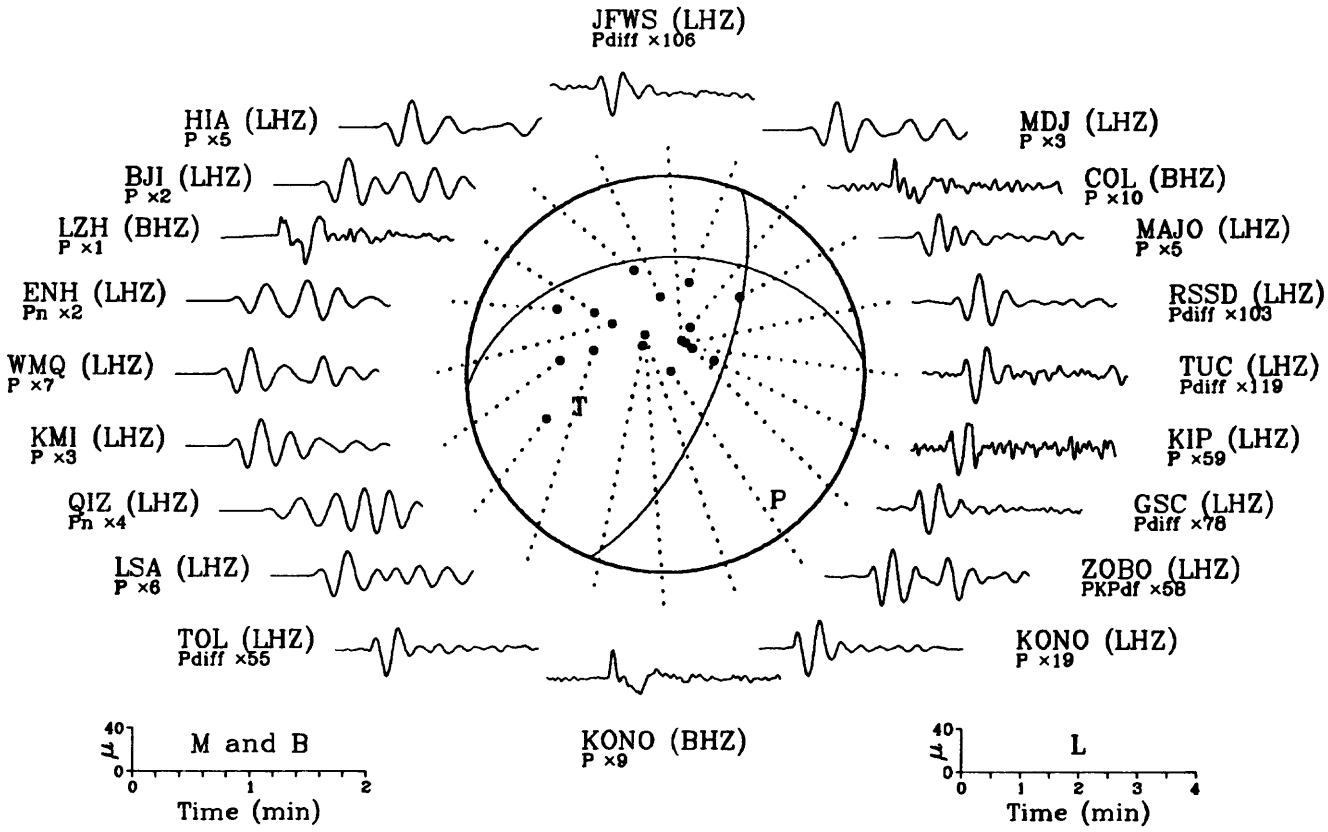
Halmahera, Indonesia



28 September 1992 14:06:02.64
Taiwan Region



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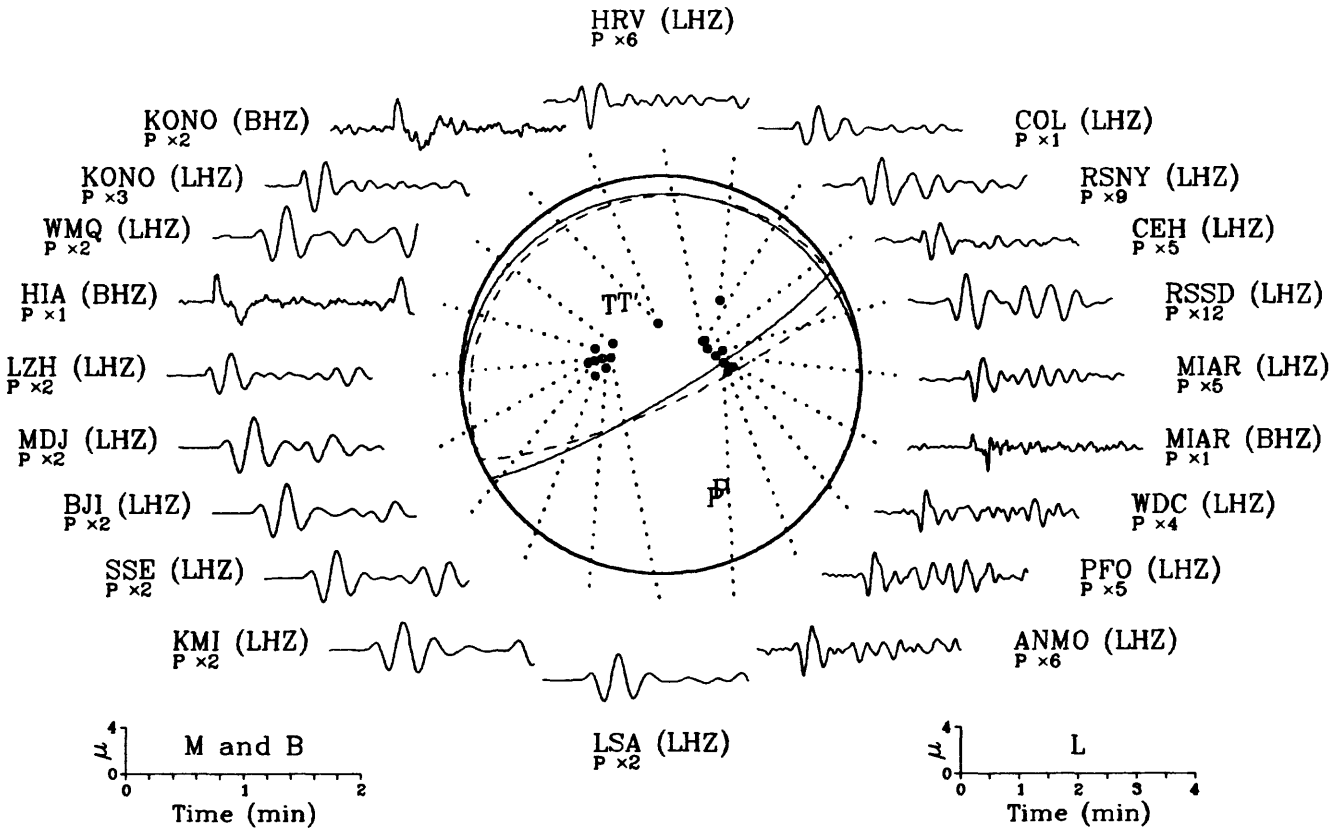

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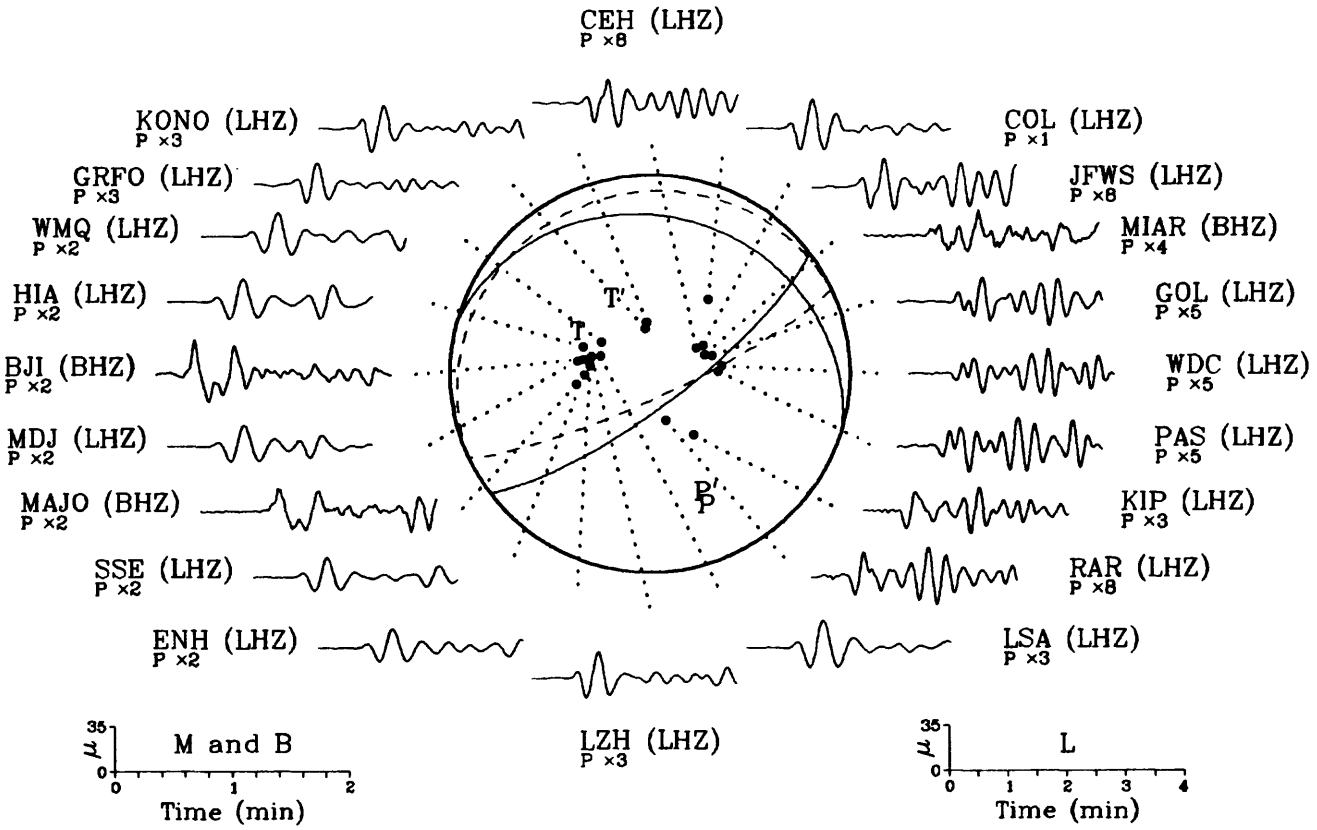
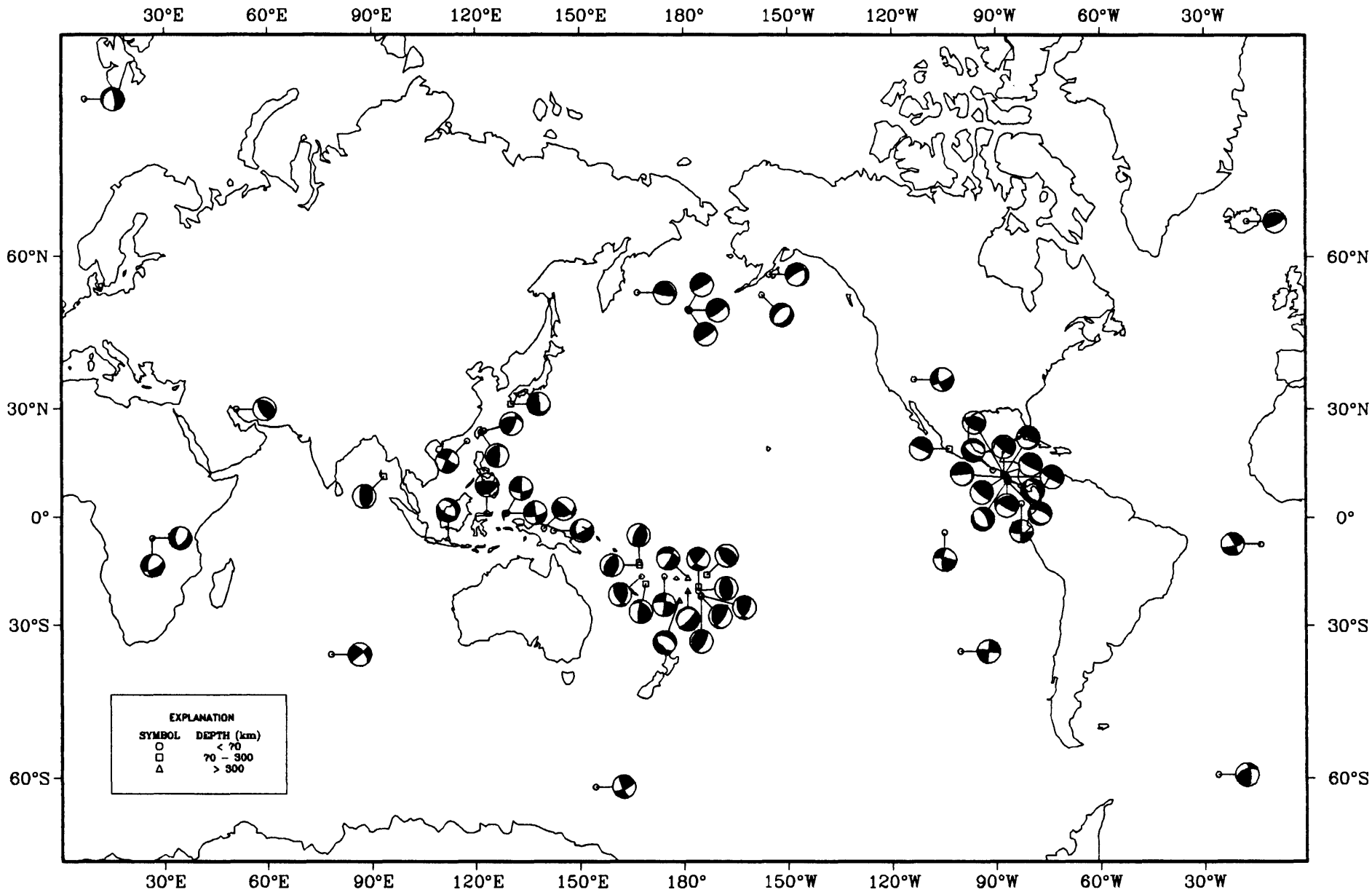
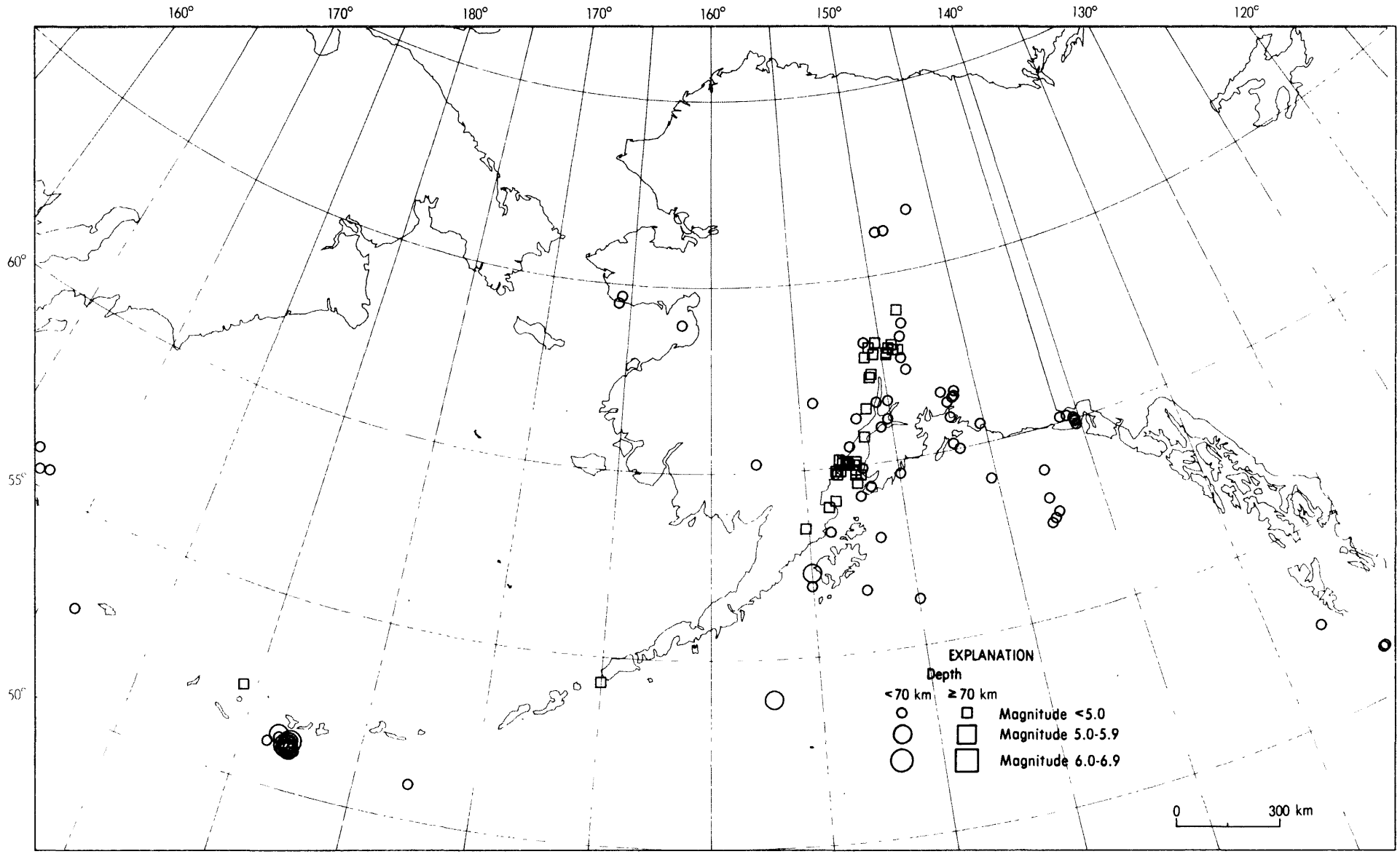
Andreanof Islands, Aleutian Is.

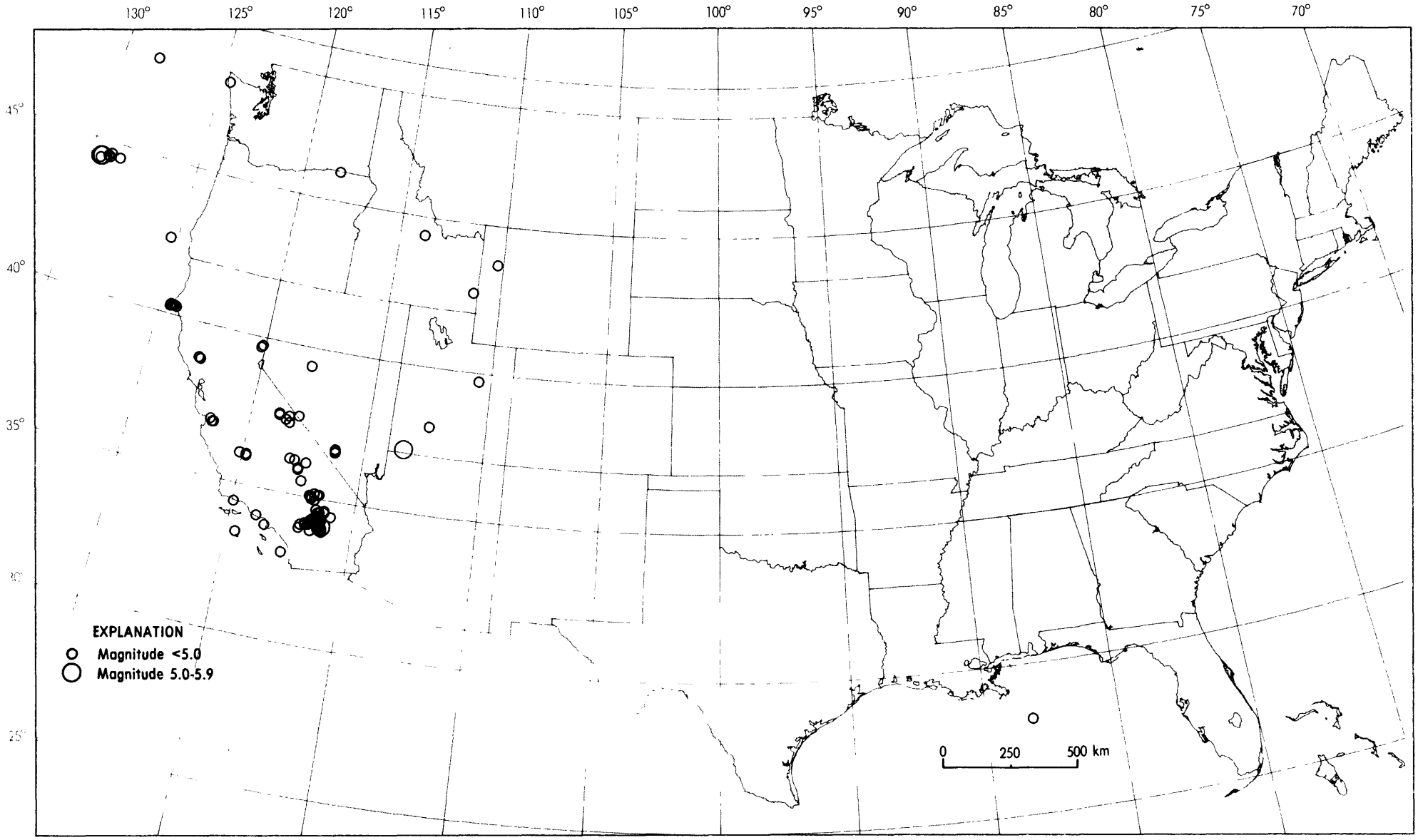


Earthquake Focal Mechanisms for September 1992

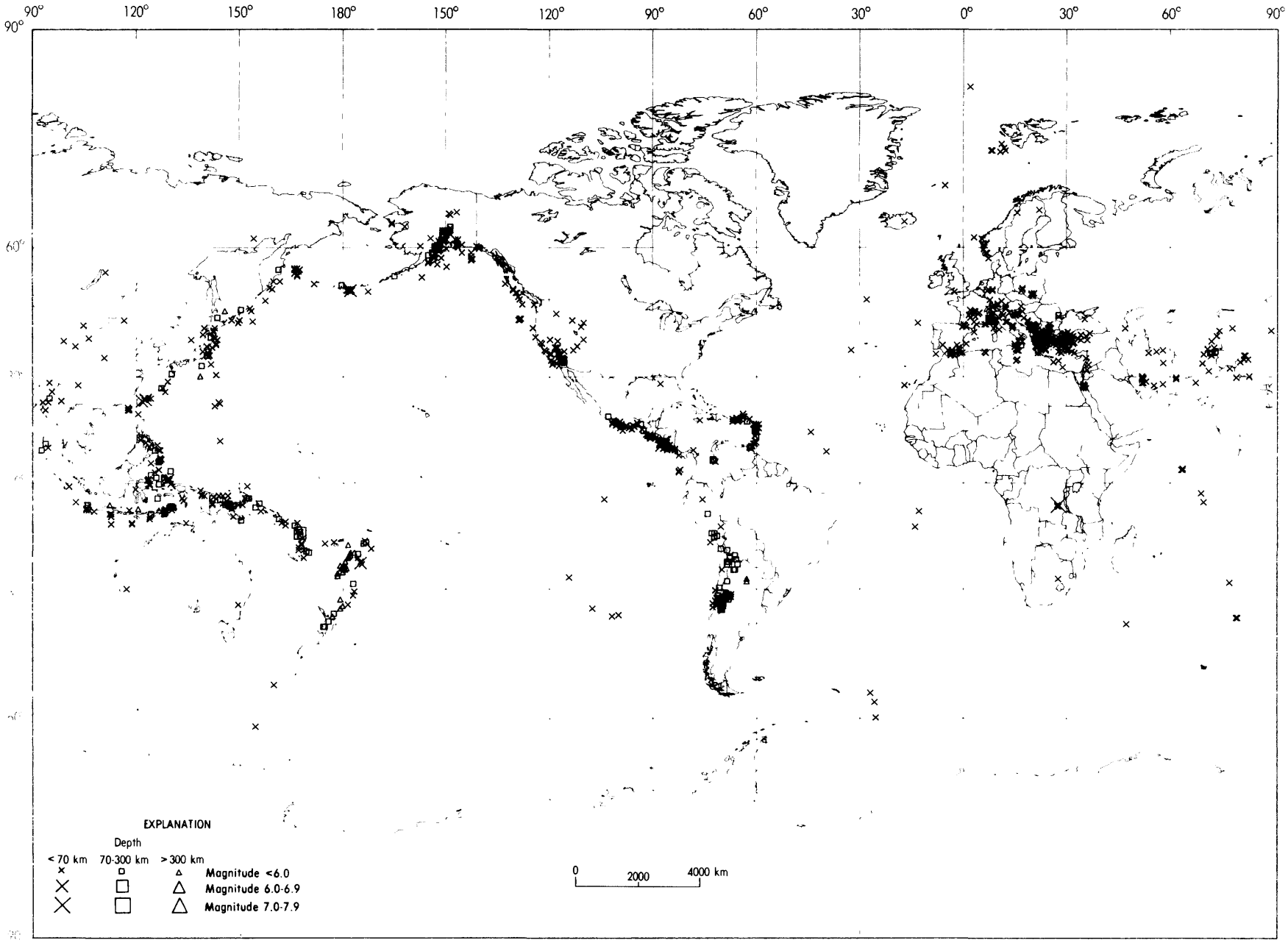




Earthquake epicenters in Alaska and adjacent regions for September, 1992.



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



Earthquakes located in September, 1992.

GEOGRAPHIC REGION NAME CHANGES

Beginning with this issue, the following changes have been made to the geographic region names used in this publication. The changes have been made to correct a spelling error in the name Xizang given in the previous update to name changes, published in the PDE for September 1991. These changes were again made under the constraint of making no changes to the boundaries of the regions nor to their corresponding Flinn-Engdahl geographic region numbers.

F-E GEOG. REG. NO.	OLD NAME OF REGION	NEW NAME OF REGION
304	KASHMIR-XIJANG BORDER REGION	KASHMIR-XIZANG BORDER REGION
305	XIJANG-INDIA BORDER REGION	XIZANG-INDIA BORDER REGION
306	XIJANG	XIZANG
313	EASTERN XIJANG-INDIA BORDER REG.	EASTERN XIZANG-INDIA BORDER REG.

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