UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

PRELIMINARY DETERMINATION OF EPICENTERS
MONTHLY LISTING

OCTOBER - DECEMBER 1990

NATIONAL EARTHQUAKE INFORMATION CENTER

Open File Report

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1990

PRELIMINARY DETERMINATION OF EPICENTERS

MONTHLY LISTING

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National Earthquake Information Center

OCTOBER 1990

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	44	38.5%	42.636 N	12.538 E	10 G			0.9	9	CENTRAL ITALY
	01	01	04	02.6*	32.527 S	71.665 W	10 G			0.9	11	NEAR COAST OF CENTRAL CHILE
	01	01	51	47.9%	36.708 N	3.037 W	10 G			1.2	6	STRAIT OF GIBRALTAR. mbLg 3.0 (MDD).
	01	03	01	30.5?	38.71 N	15.43 E	100 G			0.5	7	SICILY
	01	03	46	30.0	40.162 N	19.838 E	10 G	3.2		1.2	34	ALBANIA. ML 3.3 (THE), 2.9 (TTG). MD 3.4 (ATH).
	01	05	58	33.7?	42.44 N	8.69 E	10 G			0.1	5	CORSICA. ML 3.3 (LDG).
	01	06	59	07.2	52.602 N	160.724 E	23 D	4.9	4.5	1.1	106	OFF EAST COAST OF KAMCHATKA
	01	08	11	59.3%	39.291 N	27.852 E	10 G			0.3	5	TURKEY
	01	09	02	34.4&	63.475 N	151.185 W	11	4.1			80	CENTRAL ALASKA. <AGS-P>. ML 4.4 (PMR).
	01	09	12	16.4*	52.876 N	160.413 E	33 N	4.6		0.7	13	OFF EAST COAST OF KAMCHATKA
	01	09	22	21.0%	40.354 N	29.458 E	10 G			0.9	9	TURKEY. MD 2.5 (ISK).
	01	09	34	50.9%	39.703 N	29.450 E	10 G			0.8	5	TURKEY. MD 2.3 (ISK).
	01	10	10	54.2&	63.464 N	151.059 W	14				50	CENTRAL ALASKA. <AGS-P>. ML 3.5 (PMR).
	01	10	18	17.5%	39.123 N	27.559 E	10 G			0.2	5	TURKEY. MD 2.7 (ISK).
	01	10	31	17.7&	63.444 N	150.906 W	19				47	CENTRAL ALASKA. <AGS-P>. ML 3.7 (PMR).
	01	11	26	58.1&	63.461 N	151.035 W	14				47	CENTRAL ALASKA. <AGS-P>. ML 3.5 (PMR).
	01	11	45	29.1?	15.10 N	145.60 E	181 *	4.4		1.4	18	MARIANA ISLANDS
	01	11	50	56.0	7.072 S	106.494 E	54 D	4.7		1.3	38	JAVA
	01	12	49	58.7*	14.543 N	124.232 E	33 N	4.6		0.7	12	LUZON, PHILIPPINE ISLANDS
	01	13	44	54.6	14.561 N	124.062 E	33 N	4.9	4.0	0.9	42	LUZON, PHILIPPINE ISLANDS
	01	14	16	48.5*	13.096 N	145.297 E	57	4.6	4.5	1.0	41	MARIANA ISLANDS
	01	14	44	13.5*	30.831 S	177.600 W	33 N	5.1	4.8	1.3	41	KERMADEC ISLANDS
	01	15	44	16.4%	39.497 N	29.064 E	10 G			1.3	5	TURKEY. MD 2.8 (ISK).
	01	15	46	45.0%	38.935 N	29.188 E	10 G			1.4	6	TURKEY. MD 2.5 (ISK).
	01	15	47	15.1?	42.00 N	20.17 E	10 G			0.4	4	YUGOSLAVIA. ML 2.3 (TTG).
	01	16	36	40.1?	20.51 S	171.52 W	33 N	5.0		1.0	12	TONGA ISLANDS REGION
	01	16	44	05.1	39.224 N	20.497 E	10 G			0.6	7	GREECE-ALBANIA BORDER REGION. MD 3.0 (ATH).
	01	18	02	24.9	30.376 N	103.738 E	33 N	4.3		1.4	13	SICHUAN PROVINCE, CHINA. ML 4.2 (BJI).
	01	18	06	39.5&	58.732 N	142.779 W	10 G				7	GULF OF ALASKA. <AGS-P>.
	01	18	35	31.9	18.229 N	65.932 W	167 D	4.7		0.7	100	PUERTO RICO REGION. Felt strongly in eastern Puerto Rico; felt throughout the island. Also felt in the U.S. and U.K. Virgin Islands.
	01	20	01	50.0?	51.21 N	16.06 E	10 G			0.7	5	POLAND
	01	20	42	38.2?	30.26 N	49.94 E	33 N	4.9		1.5	10	WESTERN IRAN
	01	21	45	31.0	17.778 S	167.603 E	5 G	4.9	4.9	1.1	101	VANUATU ISLANDS
	01	22	23	24.8&	60.101 N	151.379 W	48				58	KENAI PENINSULA, ALASKA. <AGS-P>. ML 3.8 (PMR). Felt (IV) at Homer.
	01	22	56	17.8	38.291 N	25.029 E	10 G			1.1	7	AEGEAN SEA. ML 3.2 (ATH).
	01	22	59	00.5*	38.344 N	25.000 E	10 G			1.3	6	AEGEAN SEA. ML 3.1 (ATH).
	02	00	17	47.1&	66.123 N	151.290 W	42				7	ALASKA. <AGS-P>.
	02	00	22	43.3	43.099 N	0.449 W	10 G			0.2	8	PYRENEES. ML 2.4 (LDG).
	02	01	05	37.9%	43.107 N	0.431 W	10 G			0.4	5	PYRENEES. MD 1.0 (STR).
	02	02	06	23.6	43.919 N	7.724 E	16			0.7	25	NEAR SOUTH COAST OF FRANCE. ML 2.9 (LDG), 2.7 (GEN).
	02	03	51	48.4&	62.530 N	151.146 W	90				21	CENTRAL ALASKA. <AGS-P>.
	02	04	08	53.7*	17.710 S	167.768 E	33 N	4.8	4.2	1.0	39	VANUATU ISLANDS
	02	05	15	01.9	33.502 S	70.441 W	10 G			1.0	8	CHILE-ARGENTINA BORDER REGION
	02	06	44	48.9*	44.303 N	126.274 W	10 G			0.4	55	OFF COAST OF OREGON. CL 3.3 (SEA).
	02	07	34	37.6&	62.686 N	150.918 W	91				36	CENTRAL ALASKA. <AGS-P>.
a	02	07	48	27.9	17.634 S	167.831 E	26	5.3	5.3	1.0	146	VANUATU ISLANDS
o	02	08	08	26.3	17.617 S	167.799 E	20	5.3	5.5	1.1	147	VANUATU ISLANDS
	02	08	18	17.3?	15.77 N	119.21 E	33 N	4.4		1.4	10	LUZON, PHILIPPINE ISLANDS
	02	08	48	36.9?	44.35 N	7.26 E	10 G			0.1	4	NORTHERN ITALY. ML 1.4 (GEN).
	02	08	57	46.9*	17.588 S	167.792 E	26 *	4.8		1.2	53	VANUATU ISLANDS
	02	09	59	07.6%	39.101 N	27.643 E	10 G			0.3	5	TURKEY. MD 2.5 (ISK).
	02	10	35	52.4%	44.355 N	7.294 E	10 G			0.6	6	NORTHERN ITALY. ML 1.6 (GEN).
	02	10	58	10.0&	45.648 N	111.962 W	7				10	MONTANA. <BUT>. ML 3.0 (BUT).
	02	11	03	27.3?	41.08 N	29.35 E	10 G			0.3	4	TURKEY. MD 2.0 (ISK).
	02	11	25	15.4%	37.969 N	6.344 W	10 G			1.3	6	SPAIN. mbLg 2.6 (MDD).

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	02	12	38	58.9	32.530	N	94.027	E	33 *	5.0	4.0	1.2	77	TIBET. ML 4.2 (BJI).
	02	12	44	03.4%	43.204	N	12.244	E	10 G			0.8	7	CENTRAL ITALY
	02	13	19	28.9*	17.596	S	167.579	E	33 N	4.6	4.1	1.1	16	VANUATU ISLANDS
	02	13	27	06.1	3.734	N	95.793	E	60 D	5.0		1.1	41	OFF W COAST OF NORTHERN SUMATERA
	02	13	42	50.8%	39.119	N	27.648	E	10 G			0.4	6	TURKEY. MD 2.7 (ISK).
	02	13	43	44.6*	17.052	S	174.338	W	33 N	5.0		1.0	20	TONGA ISLANDS
	02	14	06	34.7?	11.95	N	60.12	W	33 N			0.1	5	WINDWARD ISLANDS
	02	14	45	30.5	47.465	N	89.607	E	33 N	4.8	3.9	1.1	41	NORTHERN XINJIANG, CHINA. ML 5.3 (BJI).
	02	14	50	59.6&	62.343	N	150.932	W	76				52	CENTRAL ALASKA. <AGS-P>.
	02	15	00	52.1*	24.170	N	64.679	E	10 G	4.6		1.3	15	NEAR COAST OF PAKISTAN
	02	15	06	02.3%	39.085	N	27.723	E	10 G			1.2	9	TURKEY. MD 3.0 (ISK).
o	02	15	06	44.6	24.036	S	174.646	W	9 G	5.8	5.5	0.9	283	SOUTH OF TONGA ISLANDS. Mo=1.0*10**18 Nm (PPT). Depth from broadbond displacement seismogroms.
	02	15	15	24.8	43.531	N	110.463	W	5 G			0.6	27	WYOMING. ML 3.6 (BUT).
	02	15	30	02.9?	38.02	N	0.31	W	10 G			0.3	5	SPAIN. mbLg 2.7 (MDD).
	02	15	35	00.3?	32.35	S	70.35	W	10 G			0.5	7	CHILE-ARGENTINA BORDER REGION
	02	16	11	48.3?	54.40	S	119.54	W	10 G	4.8	5.1	0.9	6	EASTER ISLAND CORDILLERA
	02	16	57	49.1*	39.589	N	25.205	E	10 G			0.5	7	AEGEAN SEA. MD 2.9 (ATH).
	02	17	00	55.1*	24.034	S	66.622	W	199 *	4.3		1.3	14	SALTA PROVINCE, ARGENTINA
	02	17	28	23.1	44.468	N	22.390	E	10 G			1.0	22	ROMANIA
	02	18	20	49.5?	39.54	N	29.19	E	10 G			0.5	6	TURKEY. MD 2.3 (ISK).
	02	19	29	49.2%	46.273	N	8.640	E	10 G			0.9	7	SWITZERLAND
	02	19	59	29.2*	36.584	N	26.686	E	174 ?			0.9	12	DODECANESE ISLANDS
	02	20	19	35.8*	36.763	N	49.926	E	33 N	4.1		1.3	7	WESTERN IRAN
	02	20	20	23.6*	35.344	N	23.458	E	43 ?	4.1		1.4	10	CRETE. ML 3.7 (ATH).
	02	20	45	19.4	43.548	N	0.583	W	18			1.0	32	PYRENEES. ML 3.5 (LDG). Felt (IV) in the Serres Sointe-Marie area, France.
	02	22	46	48.5&	63.230	N	151.012	W	14				37	CENTRAL ALASKA. <AGS-P>.
	02	23	35	48.3?	44.38	N	7.30	E	10 G			0.3	4	NORTHERN ITALY. ML 1.5 (GEN).
	03	00	06	02.7?	51.34	N	16.02	E	10 G			0.2	5	POLAND. ML 3.2 (VKA).
	03	01	15	15.6?	25.16	S	173.28	E	33 N	4.5	3.8	0.8	8	LOYALTY ISLANDS REGION
	03	01	46	31.3?	40.73	N	30.03	E	10 G			0.2	5	TURKEY. MD 2.0 (ISK).
	03	01	51	29.6	40.670	N	29.954	E	10 G			0.6	11	TURKEY. MD 2.9 (ISK).
	03	03	43	47.0	42.752	N	12.784	E	10 G			0.8	16	CENTRAL ITALY
	03	03	54	05.5	45.647	N	26.438	E	161	4.2		1.0	77	ROMANIA. Felt (III) in the Vranceo region.
	03	04	18	10.3?	12.91	N	60.30	W	33 N			0.3	5	WINDWARD ISLANDS. MD 3.4 (TRN).
	03	04	22	02.2	36.510	N	139.352	E	118	4.9		0.8	14	HONSHU, JAPAN
	03	04	35	25.3%	42.780	N	12.796	E	10 G			1.4	10	CENTRAL ITALY
	03	06	02	57.0*	11.567	N	125.381	E	33 N	4.8		1.0	16	SAMAR, PHILIPPINE ISLANDS
	03	06	48	18.5&	63.914	N	148.652	W	114				41	CENTRAL ALASKA. <AGS-P>.
	03	07	28	36.8*	52.791	N	160.554	E	33 N	4.7		1.0	21	OFF EAST COAST OF KAMCHATKA
	03	07	44	08.0&	61.701	N	147.368	W	29				47	SOUTHERN ALASKA. <AGS-P>.
	03	08	11	48.5?	16.48	N	99.63	W	33 N			1.1	6	NEAR COAST OF GUERRERO, MEXICO
	03	08	48	59.3*	72.541	N	1.746	E	10 G	4.4	3.2	1.5	21	NORWEGIAN SEA
	03	09	05	24.3?	21.32	S	67.80	W	33 N			1.1	5	CHILE-BOLIVIA BORDER REGION
	03	10	07	21.0	23.345	N	94.325	E	68 *	3.9		0.4	10	BURMA-INDIA BORDER REGION
	03	10	14	42.8?	51.18	N	15.20	E	10 G			1.1	7	POLAND. ML 3.7 (VKA).
	03	10	33	17.8	41.389	N	29.220	E	10 G			0.5	10	TURKEY. MD 2.7 (ISK).
	03	10	47	38.2?	2.59	S	79.40	W	33 N			1.4	12	NEAR COAST OF ECUADOR
	03	10	56	16.3%	39.069	N	27.671	E	10 G			0.3	5	TURKEY. MD 2.7 (ISK).
	03	11	29	20.2*	41.467	N	19.948	E	10 G			1.2	8	ALBANIA. ML 2.5 (TTG).
	03	12	28	54.6?	44.50	N	7.23	E	10 G			0.2	4	NORTHERN ITALY. ML 1.4 (GEN).
	03	12	57	08.9&	40.500	N	126.978	W	6				19	OFF COAST OF NORTHERN CALIFORNIA. <BRK>. ML 4.4 (BRK).
	03	13	13	43.3	30.732	S	71.787	W	10 G			0.9	16	NEAR COAST OF CENTRAL CHILE
	03	14	00	52.7&	48.218	N	121.322	W	1				50	WASHINGTON. <SEA>. CL 2.6 (SEA).
	03	14	05	05.7&	37.845	N	121.988	W	2				6	CENTRAL CALIFORNIA. <BRK>. ML 2.0 (BRK). Felt at Alomo.
	03	16	09	47.9*	58.869	S	24.577	W	33 N	4.9	4.3	1.1	19	SOUTH SANDWICH ISLANDS REGION
	03	16	45	50.0&	62.308	N	150.954	W	75				43	CENTRAL ALASKA. <AGS-P>.
	03	17	11	06.9*	23.943	S	174.727	W	33 N	4.9		1.4	16	TONGA ISLANDS REGION
	03	17	34	06.9*	40.147	N	25.138	E	10 G			0.8	5	AEGEAN SEA. MD 2.7 (ATH).
	03	18	02	48.0	42.994	N	0.382	W	10 G			1.4	13	PYRENEES. ML 2.9 (LDG). MD 2.2 (STR). Felt (III) at Castet, France.
	03	18	20	35.9?	31.10	N	78.56	E	33 N	4.4		0.8	8	TIBET-INDIA BORDER REGION
	03	18	21	02.2*	17.823	S	167.673	E	33 N	4.3	3.8	1.3	8	VANUATU ISLANDS
	03	19	24	36.0	37.077	N	29.403	E	10 G			0.8	15	TURKEY. MD 4.0 (ISK), 3.9 (ATH).
	03	19	41	49.1	40.325	N	25.762	E	15			1.0	30	AEGEAN SEA. MD 3.9 (ISK). ML 3.5 (ATH).
	03	21	29	10.6*	13.937	N	93.093	W	33 N	4.1		1.3	12	OFF COAST OF CHIAPAS, MEXICO
	03	22	52	55.0*	50.372	N	18.814	E	10 G			0.5	5	POLAND. ML 3.2 (KRA), 3.0 (VKA).
	03	22	57	11.8*	31.066	S	71.992	W	95 ?			1.3	19	NEAR COAST OF CENTRAL CHILE
	04	01	18	01.9*	36.572	N	77.882	E	33 N	4.2		1.2	11	KASHMIR-XINJIANG BORDER REGION
	04	02	30	30.9*	37.197	N	21.064	E	5 G			1.2	7	SOUTHERN GREECE. MD 3.7 (ATH).
	04	03	21	01.3*	17.291	N	100.511	W	24 *	4.1		1.5	10	GUERRERO, MEXICO
	04	03	31	27.1	42.461	N	19.257	E	10 G			1.1	8	YUGOSLAVIA. ML 2.2 (TTG).
	04	03	47	28.9	17.765	S	178.766	W	547 *	5.3		1.0	81	FIJI ISLANDS REGION
	04	08	46	56.4	71.605	N	4.275	W	10 G	4.9	3.9	1.2	69	JAN MAYEN ISLAND REGION
	04	09	11	33.7?	0.26	S	20.89	W	10 G	4.8	4.5	1.2	10	CENTRAL MID-ATLANTIC RIDGE
	04	09	23	27.7	0.314	N	125.838	E	50 *	4.9	4.4	1.0	29	MOLUCCA PASSAGE
	04	10	20	05.7%	39.122	N	27.697	E	10 G			1.0	5	TURKEY
	04	11	09	55.5?	4.09	S	152.44	E	188 ?			1.2	5	NEW BRITAIN REGION
	04	11	39	18.6	41.365	N	23.374	E	10 G			0.9	15	GREECE-BULGARIA BORDER REGION. ML 3.0 (THE).
	04	12	00	22.5	46.070	N	14.338	E	10 G			0.3	6	YUGOSLAVIA. MD 2.8 (LJU). Felt at Ljubljana and Skofja Loko.
	04	12	13	18.4%	48.264	N	0.585	W	13			0.5	17	FRANCE. ML 3.1 (LDG).
	04	14	33	57.9%	39.115	N	27.559	E	10 G			1.4	7	TURKEY. MD 2.7 (ISK).
	04	14	39	02.3?	33.78	N	139.27	E	33 N	4.5		0.6	16	SOUTH OF HONSHU, JAPAN
	04	16	00	42.3	37.010	N	29.515	E	10 G			1.3	14	TURKEY. MD 4.0 (ISK), 3.9 (ATH).
	04	16	08	51.6*	40.594	N	30.237	E	10 G			0.7	7	TURKEY. MD 2.6 (ISK).
	04	17	33	02.1?	20.04	S	179.97	E	600 *	5.3		0.9	9	SOUTH OF FIJI ISLANDS
	04	18	20	42.8%	32.880	S	70.534	W	33 N			0.8	7	CHILE-ARGENTINA BORDER REGION
	04	19	34	35.3	39.288	N	27.754	E	10 G			1.3	15	TURKEY. MD 3.1 (ISK).
	04	20	37	00.5%	33.699	S	71.605	W	10 G			0.4	8	NEAR COAST OF CENTRAL CHILE
	04	20	57	14.9	2.089	N	126.691	E	68 *	5.1		1.1	39	MOLUCCA PASSAGE
	04	22	19	32.9?	43.38	N	150.00	E	33 N	4.7		1.1	14	KURIL ISLANDS REGION

	04	23	17	33.1	36.536	N	139.275	E	123		4.8	0.6	20	HONSHU, JAPAN
o	04	23	48	31.3	41.480	S	174.955	E	37		5.5 5.1	1.2	70	COOK STRAIT, NEW ZEALAND. ML 5.3 (WEL). Felt strongly in the Wellington area, North Island. Felt widely from New Plymouth, Wanganui and Dannevirke on North Island to Nelson, Blenheim and Christchurch on South Island.
	05	01	27	03.8*	42.307	N	7.213	E	10	G		0.2	10	WESTERN MEDITERRANEAN SEA. ML 2.7 (LDG). MD 2.3 (STR).
	05	01	36	17.0%	39.856	N	28.291	E	10	G		1.0	11	TURKEY. MD 2.8 (ISK).
	05	01	52	52.8&	59.956	N	151.395	W	64		3.2		65	KENAI PENINSULA, ALASKA. <AGS-P>.
	05	02	01	57.9	48.338	N	7.494	E	10	G		0.3	9	FRANCE. ML 2.3 (LDG). MD 1.8 (STR).
	05	02	11	17.6&	63.437	N	151.067	W	12				35	CENTRAL ALASKA. <AGS-P>.
	05	02	17	19.2*	29.588	S	68.831	W	121	*		1.1	18	SAN JUAN PROVINCE, ARGENTINA
	05	02	59	58.7%	42.481	N	13.530	E	10	G		1.0	8	CENTRAL ITALY
	05	03	17	54.8&	32.470	N	115.440	W	16				2	CALIFORNIA-MEXICO BORDER REGION. <PAS-P>. ML 3.1 (PAS).
	05	05	06	40.9*	23.087	N	121.507	E	10	G		0.4	5	TAIWAN
	05	05	07	24.5*	17.803	S	167.453	E	33	N	4.7	1.5	5	VANUATU ISLANDS
	05	05	56	45.2?	38.00	N	98.82	E	10	G		1.0	5	QINGHAI PROVINCE, CHINA. ML 4.0 (BJI).
	05	06	03	46.9%	16.974	N	99.668	W	33	N		1.4	7	NEAR COAST OF GUERRERO, MEXICO
	05	06	04	18.0&	37.057	N	122.032	W	11				19	CENTRAL CALIFORNIA. <BRK>. ML 3.9 (BRK). Mo=4.3*10**14 Nm (BRK). Felt (V) at Aptos, Santa Cruz and Scotts Valley; (IV) at Brookdale, Davenport, Redwood Estates and Soquel; (III) at Lomo Mar and San Carlos.
	05	06	16	38.1	40.305	N	25.832	E	10	G		1.1	15	AEGEAN SEA. MD 3.3 (ISK).
	05	06	33	17.7?	32.70	S	178.26	E	262	?	4.6	1.4	15	SOUTH OF KERMADEC ISLANDS
	05	06	43	44.8%	44.939	N	6.709	E	10	G		0.9	6	FRANCE. ML 2.0 (GEN).
	05	07	36	48.2%	17.012	N	99.813	W	10	G		0.9	6	GUERRERO, MEXICO
	05	08	43	29.7	2.924	N	96.324	E	50	*	4.7	1.1	34	NORTHERN SUMATERA
	05	09	16	30.8%	39.132	N	27.631	E	10	G		0.5	6	TURKEY. MD 2.5 (ISK).
	05	09	46	45.6	44.502	N	114.148	W	5	G		0.4	12	WESTERN IDAHO. ML 3.1 (BUT). Felt (III) at Ellis. Also felt at Challis.
	05	09	57	01.8*	42.526	N	19.410	E	10	G		0.6	5	YUGOSLAVIA. MD 2.1 (TTG).
	05	10	16	45.0	40.702	N	29.957	E	10	G		0.6	9	TURKEY. MD 2.7 (ISK).
	05	10	42	24.6*	37.653	N	72.107	E	33	N	4.6	0.9	9	TAJIK SSR
	05	10	54	07.8%	39.562	N	28.474	E	10	G		0.8	8	TURKEY. MD 2.6 (ISK).
	05	12	14	17.2?	40.67	N	29.84	E	10	G		0.4	5	TURKEY. MD 2.2 (ISK).
	05	13	43	27.6%	36.199	N	24.335	E	33	N		0.7	5	SOUTHERN GREECE
	05	15	11	24.1	40.678	N	29.951	E	10	G		0.3	6	TURKEY. MD 2.6 (ISK).
	05	15	16	26.0?	28.97	S	177.07	W	68	*	4.6	1.0	11	KERMADEC ISLANDS REGION
	05	15	21	25.1?	43.04	N	5.81	E	10	G		0.2	6	NEAR SOUTH COAST OF FRANCE. MD 2.6 (STR).
	05	15	43	01.4	47.224	N	153.007	E	97	D	4.9	0.7	87	KURIL ISLANDS
	05	16	33	12.2*	50.381	N	18.929	E	10	G		0.8	8	POLAND. ML 3.9 (KRA).
	05	17	58	18.5	38.587	N	14.380	E	5	G		0.9	17	SICILY
	05	19	08	40.3?	46.23	N	2.71	E	10	G		0.9	4	FRANCE. ML 1.8 (LDG).
	05	20	42	40.1*	40.498	N	127.482	W	10	G	4.1	0.8	29	OFF COAST OF NORTHERN CALIFORNIA
	05	20	52	18.7%	38.975	N	29.767	E	10	G		0.5	6	TURKEY. MD 2.6 (ISK).
	05	20	54	48.0	44.539	N	6.969	E	10	G		0.3	10	FRANCE. ML 2.3 (GEN).
	05	21	53	04.3	13.926	N	146.335	E	70	*	4.8	0.9	31	SOUTH OF MARIANA ISLANDS
	05	22	11	07.5	16.165	N	94.115	W	111		4.5	1.3	31	OAXACA, MEXICO
	05	23	05	15.7*	37.794	N	16.129	E	23	*		0.9	11	IONIAN SEA
	05	23	27	25.9	45.956	N	3.041	E	10	G		0.3	9	FRANCE. ML 2.2 (LDG), 1.7 (STR).
	05	23	43	34.7	10.955	S	70.830	W	616	D	4.8	0.8	116	PERU-BRAZIL BORDER REGION
	06	00	02	25.0%	39.521	N	28.506	E	10	G		1.1	16	TURKEY. MD 3.1 (ISK).
	06	00	18	51.3*	5.860	S	146.747	E	108	*	5.1	1.3	18	EAST PAPUA NEW GUINEA REGION
	06	00	22	37.2?	6.18	S	147.59	E	33	N	4.7	0.9	6	EAST PAPUA NEW GUINEA REGION. ML 4.7 (PMG).
	06	00	25	06.0	44.068	N	19.403	E	14			1.1	40	YUGOSLAVIA. ML 3.1 (TTG). Felt in the Srebrenico-Bojino Basta area.
	06	00	34	14.7%	39.124	N	31.387	E	10	G		1.1	10	TURKEY. MD 3.5 (ISK).
	06	00	36	01.0?	18.01	S	178.62	W	579	*		1.3	11	FIJI ISLANDS REGION
	06	00	54	47.9	45.943	N	3.030	E	10	G		0.3	10	FRANCE. ML 1.9 (LDG). MD 1.3 (STR).
	06	01	49	38.4	7.805	S	74.498	W	157	D	4.4	1.3	35	PERU-BRAZIL BORDER REGION
	06	01	57	55.6?	0.60	S	79.82	W	33	N		0.3	7	ECUADOR
	06	02	09	29.0*	15.757	S	69.456	W	288		3.8	0.7	10	PERU-BOLIVIA BORDER REGION
	06	02	19	22.9?	37.81	N	23.14	E	112	?		0.9	6	SOUTHERN GREECE
o	06	02	41	15.4	41.589	S	175.344	E	39	*	5.7 5.1	1.0	57	NORTH ISLAND, NEW ZEALAND. ML 5.1 (WEL). Felt at Wellington, Tawa and Raumati.
	06	02	47	10.6*	38.259	N	22.029	E	5	G		1.2	10	GREECE. MD 3.3 (ATH).
	06	04	28	33.4	37.780	N	14.076	E	10	G		0.7	6	SICILY
	06	04	45	58.3&	58.750	N	154.209	W	1				11	ALASKA PENINSULA. <AGS-P>.
	06	05	18	30.0?	42.86	N	7.45	W	10	G		0.7	4	SPAIN. mbLg 2.7 (MDD).
	06	05	52	25.1	40.728	N	27.432	E	10	G		0.9	17	TURKEY. MD 3.3 (ISK).
	06	05	54	04.1	40.735	N	27.378	E	10	G		0.7	12	TURKEY. MD 2.9 (ISK).
	06	07	20	11.0?	5.22	N	126.40	E	33	N	4.7	1.2	7	MINDANAO, PHILIPPINE ISLANDS
o	06	09	08	09.1	2.711	S	67.908	E	10	G	5.6 5.2	1.4	191	CARLSBERG RIDGE
	06	09	24	22.9?	19.95	N	64.50	W	33	N		1.2	9	VIRGIN ISLANDS
	06	10	02	30.7	13.490	N	120.383	E	34	D	5.1 4.7	1.0	58	MINDORO, PHILIPPINE ISLANDS
o	06	10	09	01.9	13.445	N	92.058	W	41		5.0 4.4	1.0	77	OFF COAST OF CHIAPAS, MEXICO
	06	10	10	16.3%	39.051	N	27.661	E	10	G		0.4	5	TURKEY. MD 2.5 (ISK).
	06	10	17	28.8?	32.01	S	71.74	W	10	G		0.8	7	NEAR COAST OF CENTRAL CHILE
	06	10	17	52.2%	39.091	N	27.634	E	10	G		0.1	5	TURKEY. MD 2.7 (ISK).
	06	13	13	53.2%	39.088	N	27.612	E	10	G		1.1	6	TURKEY. MD 2.8 (ISK).
	06	14	21	14.1*	3.981	N	62.601	E	10	G	5.1 4.5	1.1	28	CARLSBERG RIDGE
o	06	14	33	01.3	36.424	N	140.583	E	70		5.1	1.0	102	NEAR EAST COAST OF HONSHU, JAPAN
	06	14	37	57.8&	62.988	N	151.045	W	122				53	CENTRAL ALASKA. <AGS-P>.
	06	15	09	59.1&	60.027	N	141.077	W	0				9	SOUTHEASTERN ALASKA. <AGS-P>.
	06	17	10	26.7*	31.679	S	72.115	W	60	*	4.7	1.2	24	OFF COAST OF CENTRAL CHILE
	06	17	19	23.5?	0.12	S	79.52	W	10	G		0.5	6	ECUADOR
	06	18	29	29.5*	47.524	N	7.263	E	10	G		1.3	7	SWITZERLAND. ML 2.5 (LDG). MD 1.7 (STR).
	06	19	09	56.1	45.496	N	26.234	E	142		4.8	1.1	173	ROMANIA. MD 4.7 (ATH). Felt (V) in the Vrancea region and (IV) at Buchorest.
	06	19	10	17.3?	48.56	N	8.05	E	10	G		0.5	5	GERMANY. ML 1.9 (LDG).
	06	19	49	13.6	24.854	S	179.676	E	506		4.8	0.9	86	SOUTH OF FIJI ISLANDS
	06	20	25	02.1*	14.870	N	93.331	W	75	*	3.7	1.1	7	NEAR COAST OF CHIAPAS, MEXICO
	06	21	10	20.7*	11.623	S	116.650	E	33	N	3.4	1.0	7	SOUTH OF SUMBAWA ISLAND
	06	22	54	51.3?	43.38	N	18.50	E	10	G		0.6	4	YUGOSLAVIA. ML 2.2 (TTG).

	06	22	55	13.6?	40.67	N	29.92	E	10	G		0.2	6	TURKEY. MD 2.4 (ISK).
	06	23	04	41.5*	12.885	N	144.637	E	33	N	4.6	0.6	9	SOUTH OF MARIANA ISLANDS. Felt (III) on Guam.
	06	23	14	24.8*	37.078	N	142.258	E	33	N	4.2	1.1	9	OFF EAST COAST OF HONSHU, JAPAN
	07	00	07	43.0?	51.26	N	15.99	E	10	G		0.9	6	POLAND. ML 3.1 (VKA), 2.8 (KRA).
	07	00	12	52.3	37.500	N	29.573	E	25		4.2 3.0	1.1	65	TURKEY. ML 4.2 (CSS). MD 4.2 (ATH), 4.2 (HLW).
	07	00	58	51.2%	37.332	N	29.659	E	10	G		0.2	5	TURKEY. MD 3.2 (ISK).
	07	01	55	30.2	40.678	N	21.690	E	5	G		1.2	34	GREECE. ML 3.2 (THE), 2.7 (TTG). MD 3.3 (ATH).
	07	01	58	26.7*	2.828	S	68.005	E	10	G	4.8 4.9	1.2	28	CARLSBERG RIDGE
	07	02	09	43.9	40.723	N	21.642	E	5	G		1.1	21	GREECE. MD 3.1 (ATH). ML 2.8 (THE).
	07	02	22	09.2*	44.565	N	113.825	W	10	G		0.7	10	EASTERN IDAHO. ML 3.4 (BUT).
	07	02	53	28.1	18.850	N	62.598	W	44	*	4.5 4.4	0.9	32	LEEWARD ISLANDS
	07	02	57	44.2&	59.870	N	153.322	W	125				43	SOUTHERN ALASKA. <AGS-P>.
	07	03	58	27.0	43.635	N	7.288	E	10	G		0.3	7	NEAR SOUTH COAST OF FRANCE. ML 2.1 (LDG).
o	07	04	45	54.6*	28.848	S	177.000	W	60	G	5.2	1.2	35	KERMADEC ISLANDS REGION
	07	05	29	33.5*	29.217	S	176.713	W	53	?	5.0 5.0	1.3	24	KERMADEC ISLANDS REGION
	07	06	45	49.9%	43.405	N	12.434	E	10	G		0.5	8	CENTRAL ITALY
	07	07	15	44.5	18.922	N	62.475	W	32	*	4.7 4.9	1.2	82	LEEWARD ISLANDS
	07	07	49	31.4?	17.08	N	60.52	W	10	G		0.5	5	LEEWARD ISLANDS. ML 2.7 (FDF).
	07	08	21	24.5%	39.215	N	27.790	E	10	G		0.2	5	TURKEY. MD 2.4 (ISK).
	07	08	43	04.2*	32.302	S	69.733	W	156	?		0.5	14	MENDOZA PROVINCE, ARGENTINA
	07	08	43	28.6%	39.081	N	27.640	E	10	G		0.1	5	TURKEY. MD 2.6 (ISK).
	07	08	47	30.5&	46.320	N	75.190	W	18				21	SOUTHERN QUEBEC. <OTT-P>. mbLg 3.9 (OTT). Felt in the Lac-du-Cerf area.
	07	08	57	51.0?	61.65	N	2.90	E	10	G		1.0	7	NORWEGIAN SEA. MD 2.6 (BER).
	07	09	02	25.9?	7.65	N	126.99	E	33	N	4.7	0.5	11	MINDANAO, PHILIPPINE ISLANDS
	07	09	12	43.9*	43.634	N	19.528	E	10	G		1.4	9	YUGOSLAVIA. ML 2.5 (TTG).
	07	09	22	00.5?	25.73	S	71.86	W	33	N		1.4	6	OFF COAST OF NORTHERN CHILE
	07	10	08	48.7&	37.508	N	118.878	W	4				16	CALIFORNIA-NEVADA BORDER REGION. <BRK>. ML 3.1 (BRK), 3.1 (PAS).
	07	10	09	42.8&	37.510	N	118.990	W	5	G			5	CALIFORNIA-NEVADA BORDER REGION. <BRK>. ML 3.0 (BRK).
	07	10	13	32.1%	39.099	N	27.592	E	10	G		0.7	5	TURKEY. MD 2.7 (ISK).
	07	11	05	08.9%	39.496	N	3.787	W	10	G		0.5	9	SPAIN. mbLg 3.1 (MDD).
o	07	11	32	13.7	56.167	S	27.008	W	100	D	5.4	1.2	58	SOUTH SANDWICH ISLANDS REGION
	07	13	09	13.3%	39.062	N	27.664	E	10	G		0.6	6	TURKEY. MD 2.8 (ISK).
	07	13	10	35.2	20.348	N	146.737	E	62	*	4.9	0.5	31	MARIANA ISLANDS REGION
	07	14	25	53.3%	41.173	N	28.489	E	10	G		0.8	8	TURKEY. MD 2.6 (ISK).
	07	14	47	51.5	27.043	N	53.003	E	33	N	4.5 4.4	1.0	44	SOUTHERN IRAN
	07	14	58	44.3&	63.610	N	149.710	W	125				43	CENTRAL ALASKA. <AGS-P>.
	07	15	28	02.1	44.033	N	7.704	E	10	G		0.6	9	NORTHERN ITALY. ML 2.5 (LDG).
	07	15	40	02.7*	3.947	N	62.786	E	10	G	5.0	1.2	38	CARLSBERG RIDGE
	07	15	50	11.3	40.786	N	21.625	E	10	G		1.4	12	GREECE. ML 2.8 (THE).
	07	16	57	29.7*	10.118	N	126.084	E	33	N	4.9	1.2	38	PHILIPPINE ISLANDS REGION
	07	17	45	53.5*	22.074	S	67.896	W	33	N		1.0	5	CHILE-BOLIVIA BORDER REGION
	07	18	46	21.0*	43.552	N	0.667	W	5	G		0.5	8	PYRENEES. MD 2.0 (STR).
	07	19	01	27.8?	11.02	N	62.38	W	85	G		0.4	7	WINDWARD ISLANDS. MD 3.3 (TRN).
	07	19	04	58.8%	44.136	N	7.141	E	10	G		1.4	7	NORTHERN ITALY. ML 2.1 (LDG), 1.8 (GEN).
	07	19	17	10.4	37.861	N	21.131	E	10	G	4.0	1.2	55	SOUTHERN GREECE. ML 3.9 (THE), 3.7 (ATH).
	07	20	41	08.0?	17.54	N	61.05	W	10	G		0.2	5	LEEWARD ISLANDS
	07	21	20	52.8	43.402	N	5.436	E	9			0.5	15	NEAR SOUTH COAST OF FRANCE. MD 2.7 (STR).
	07	21	25	34.9	39.587	N	27.787	E	9			0.8	29	TURKEY. MD 3.9 (ISK), 3.7 (ATH). Felt in the Balikesir area.
	07	22	03	47.3?	48.33	N	7.45	E	10	G		0.2	4	FRANCE. ML 2.5 (LDG).
	07	22	36	30.9	23.620	S	66.578	W	229	D	4.7	1.4	63	JUJUY PROVINCE, ARGENTINA
	07	23	38	40.2?	31.56	S	178.79	W	510	?		0.9	16	KERMADEC ISLANDS REGION
	08	00	14	46.1?	29.38	N	56.66	E	33	N		0.5	7	SOUTHERN IRAN
	08	00	51	32.4*	4.011	N	62.648	E	10	G	5.0	1.3	28	CARLSBERG RIDGE
	08	01	53	18.4*	40.266	N	25.177	E	10	G		1.5	8	AEGEAN SEA. MD 3.0 (ISK), 2.7 (ATH).
	08	02	19	44.2	40.251	N	25.189	E	7			1.1	41	AEGEAN SEA. MD 4.2 (ISK), 3.5 (THE).
	08	02	23	04.9*	40.273	N	25.237	E	10	G		1.4	6	AEGEAN SEA. MD 2.7 (ATH).
	08	02	40	49.4*	36.962	N	29.376	E	10	G		1.3	10	TURKEY. MD 3.7 (ISK).
	08	03	05	01.0?	42.06	N	126.61	W	10	G	4.1	0.7	33	OFF COAST OF OREGON
o	08	03	23	09.5	10.519	S	162.460	E	41	*	5.1 4.9	1.3	38	SOLOMON ISLANDS
	08	03	55	11.4	16.354	N	145.694	E	538		4.8	1.0	75	MARIANA ISLANDS
	08	05	50	15.2*	40.630	N	30.188	E	10	G		0.9	10	TURKEY. MD 3.2 (ISK).
	08	06	01	55.7?	0.60	N	79.20	W	10	G		0.2	5	NEAR COAST OF ECUADOR
	08	06	06	58.3&	63.471	N	151.005	W	17				26	CENTRAL ALASKA. <AGS-P>.
	08	06	10	24.5?	6.06	S	107.42	W	10	G	4.3 4.1	1.0	11	NORTHERN EASTER I. CORDILLERA
	08	10	04	39.7*	44.344	N	114.371	W	5	G		0.4	10	WESTERN IDAHO. ML 3.5 (BUT).
	08	10	14	59.3%	46.283	N	8.635	E	10	G		1.0	6	SWITZERLAND
	08	11	24	19.6*	41.958	N	23.046	E	12			1.3	11	GREECE-BULGARIA BORDER REGION. MD 3.0 (ATH).
	08	11	28	25.1*	39.105	N	27.617	E	10	G		0.3	5	TURKEY. MD 3.1 (ISK).
	08	11	32	39.4*	39.129	N	27.622	E	10	G		0.4	5	TURKEY. MD 2.6 (ISK).
	08	12	25	13.2&	63.469	N	150.622	W	16				25	CENTRAL ALASKA. <AGS-P>.
	08	12	39	05.4	40.563	N	27.803	E	10	G		0.8	12	TURKEY. MD 2.9 (ISK).
	08	14	49	05.1	9.814	N	92.792	E	33	N	4.8	1.4	26	NICOBAR ISLANDS REGION
	08	15	28	58.1&	61.150	N	150.790	W	55				25	SOUTHERN ALASKA. <AGS-P>.
	08	16	11	44.4*	35.994	N	81.091	E	10	G	4.4	0.8	10	SOUTHERN XINJIANG, CHINA
	08	16	28	44.3	40.271	N	25.188	E	10	G		1.0	6	AEGEAN SEA. MD 2.7 (ATH).
	08	16	33	14.5*	40.166	N	23.391	E	10	G		0.7	7	GREECE. ML 2.8 (THE).
	08	17	00	06.9*	9.231	S	110.783	E	92	?	5.0	1.1	22	SOUTH OF JAVA
	08	17	40	43.5	33.314	S	71.475	W	10	G		1.2	13	NEAR COAST OF CENTRAL CHILE
	08	18	14	05.9?	17.40	N	61.96	W	28	*		0.2	6	LEEWARD ISLANDS. ML 2.7 (FDF).
	08	18	50	58.3	41.444	N	22.616	E	10	G		1.0	10	YUGOSLAVIA
	08	19	23	32.1*	8.671	S	119.730	E	190	?	4.4	1.3	13	FLORES ISLAND REGION
	08	20	09	57.1	48.355	N	7.513	E	10	G		0.4	10	FRANCE. ML 2.3 (LDG), 1.8 (STR).
	08	20	17	51.5*	31.831	S	68.966	W	33	N		0.7	5	SAN JUAN PROVINCE, ARGENTINA
	08	21	02	14.9	12.430	S	76.827	W	72		4.8	1.0	44	NEAR COAST OF PERU. Felt strongly in the Limo-Malo-San Vicente de Conete area.
	08	21	42	48.0&	62.045	N	153.161	W	0				56	CENTRAL ALASKA. <AGS-P>. ML 3.8 (PMR).
	08	21	48	11.6?	11.58	S	117.48	E	33	N	3.9	1.5	6	SOUTH OF SUMBAWA ISLAND
	08	21	55	41.2?	40.67	N	29.97	E	10	G		0.8	6	TURKEY. MD 2.5 (ISK).
	08	22	04	32.3	36.683	N	22.030	E	33	N	3.6	1.1	14	SOUTHERN GREECE. ML 3.3 (ATH).
	08	22	47	28.4	39.020	N	23.602	E	10			1.2	46	AEGEAN SEA. ML 3.6 (ATH), 3.5 (THE).

a	08	23	03	35.3	13.267	S	167.214	E	168	D	5.2	1.0	90	VANUATU ISLANDS
	08	23	33	18.9&	63.368	N	150.044	W	5				30	CENTRAL ALASKA. <AGS-P>. ML 2.9 (PMR).
	08	23	35	00.7	21.377	S	67.936	W	145	D	4.8	1.2	54	CHILE-BOLIVIA BORDER REGION
	08	23	42	42.2	44.125	N	19.330	E	10	G		1.3	76	YUGOSLAVIA ML 3.8 (ZAG), 3.5 (TTG). MD 4.0 (TRI), 3.6 (ATH). Felt at Srebrenica.
	09	00	14	36.9	30.115	N	57.427	E	33	N	4.4	1.2	39	IRAN. Felt in the Kerman area.
	09	00	58	24.6*	16.368	S	175.112	W	325	?	5.0	0.9	32	TONGA ISLANDS
	09	01	15	39.0	40.264	N	25.188	E	8			1.0	34	AEGEAN SEA. ML 3.5 (THE). MD 3.4 (ATH).
	09	01	16	27.9	43.356	N	0.612	W	10	G		0.8	13	PYRENEES. ML 2.6 (LDG).
	09	01	24	26.2	40.293	N	25.216	E	16			0.5	23	AEGEAN SEA. ML 3.1 (THE).
	09	01	53	18.5%	39.592	N	27.765	E	10	G		1.4	12	TURKEY. MD 2.7 (ISK).
	09	02	10	14.3%	39.583	N	27.762	E	10	G		1.1	11	TURKEY. MD 2.7 (ISK).
	09	02	52	09.6*	29.161	S	71.219	W	166	?	4.5	1.3	21	NEAR COAST OF CENTRAL CHILE
	09	02	56	16.4%	33.650	S	71.795	W	21	*		0.4	9	NEAR COAST OF CENTRAL CHILE
	09	02	57	20.3%	39.562	N	27.813	E	10	G		0.2	6	TURKEY. MD 2.6 (ISK).
	09	03	08	11.5*	33.320	N	139.506	E	10	G	4.8	1.4	23	SOUTH OF HONSHU, JAPAN
	09	03	17	13.2*	40.247	N	25.165	E	10	G		1.3	6	AEGEAN SEA. ML 2.9 (ATH). MD 2.9 (ISK).
	09	03	25	11.9	40.203	N	23.446	E	12			1.0	23	GREECE. ML 3.2 (THE). MD 3.2 (ATH).
	09	03	33	53.4	40.216	N	23.447	E	10	G		0.5	11	GREECE. ML 2.8 (THE).
	09	03	45	36.4%	43.903	N	7.450	E	10	G		1.2	6	NEAR SOUTH COAST OF FRANCE
	09	04	02	26.1&	33.890	N	118.710	W	14				16	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS). Felt (IV) at Los Angeles and (II) at Inglewood. Second event, ML 2.8 (NEIS), about one minute later.
	09	04	13	30.1&	37.278	N	121.683	W	8				13	CENTRAL CALIFORNIA. <BRK>. ML 3.0 (BRK).
	09	04	39	11.7%	42.866	N	13.128	E	10	G		0.7	5	CENTRAL ITALY
	09	04	40	31.1?	40.19	N	23.38	E	33	N		0.9	5	GREECE. ML 2.6 (THE).
	09	04	42	12.0	40.312	N	23.374	E	5	G		1.3	15	GREECE. ML 3.1 (THE).
	09	06	11	52.5?	21.73	S	69.34	W	10	G		0.8	8	NORTHERN CHILE
	09	06	33	56.1	43.395	N	0.630	W	10	G		0.5	12	PYRENEES. MD 2.0 (STR).
	09	07	55	15.5&	59.814	N	152.383	W	80				42	SOUTHERN ALASKA. <AGS-P>.
	09	09	27	02.1	20.826	S	178.708	W	596		4.6	0.7	32	FIJI ISLANDS REGION
	09	09	53	49.2*	40.378	N	27.561	E	10	G		0.3	6	TURKEY. MD 2.9 (ISK).
	09	10	21	07.3	35.107	N	118.880	W	21			0.6	8	CENTRAL CALIFORNIA. ML 3.3 (BRK).
	09	10	28	31.6*	40.802	N	29.578	E	10	G		0.7	5	TURKEY. MD 2.1 (ISK).
	09	10	42	46.1*	58.714	S	25.229	W	33	N	5.0	0.9	23	SOUTH SANDWICH ISLANDS REGION
	09	10	54	07.4%	39.120	N	27.689	E	10	G		1.0	5	TURKEY. MD 2.4 (ISK).
	09	13	28	36.1	44.643	N	10.254	E	10	G		1.5	9	NORTHERN ITALY
	09	13	37	31.1%	16.655	N	99.270	W	33	N		1.3	5	NEAR COAST OF GUERRERO, MEXICO
	09	13	45	02.1&	62.062	N	149.115	W	15				38	CENTRAL ALASKA. <AGS-P>.
	09	14	16	56.4%	39.106	N	27.556	E	10	G		0.4	5	TURKEY. MD 2.4 (ISK).
	09	15	14	52.2%	38.890	N	27.662	E	10	G		0.6	5	TURKEY. MD 2.5 (ISK).
	09	15	28	43.5*	16.455	N	62.171	W	33	N		1.2	5	LEEWARD ISLANDS
	09	15	42	35.3?	29.42	S	68.76	W	33	N		0.8	5	SAN JUAN PROVINCE, ARGENTINA
	09	16	18	45.5?	43.14	N	0.41	W	10	G		0.8	4	PYRENEES. MD 1.0 (STR).
	09	16	33	19.5?	40.57	N	23.31	E	10	G		1.3	7	GREECE
	09	16	55	33.9*	46.390	N	16.359	E	10	G		0.9	5	YUGOSLAVIA
	09	18	04	36.4?	22.14	S	70.91	W	10	G	4.9	0.8	6	NEAR COAST OF NORTHERN CHILE
a	09	18	05	10.1	3.551	S	100.830	E	25	D	5.6 5.1	1.1	159	SOUTHERN SUMATERA
	09	18	16	34.2?	37.84	N	26.83	E	10	G		0.6	5	DODECANESE ISLANDS
	09	19	11	29.3*	39.553	N	27.759	E	10	G		1.0	7	TURKEY. MD 2.4 (ISK).
	09	19	12	56.6%	39.565	N	27.812	E	10	G		1.0	9	TURKEY. MD 3.0 (ISK).
	09	19	38	26.8	38.865	N	21.143	E	10	G		1.5	7	GREECE
	09	21	57	20.3*	10.203	N	60.259	W	29		4.7	1.2	16	TRINIDAD
	09	23	36	53.4?	34.77	N	22.89	E	10	G	4.0	1.4	9	MEDITERRANEAN SEA
	09	23	51	00.2?	39.33	N	27.91	E	10	G		1.4	4	TURKEY. MD 2.3 (ISK).
	10	00	36	33.1*	5.191	S	141.691	E	33	N	4.4	1.4	6	PAPUA NEW GUINEA
	10	00	41	17.1%	31.496	N	35.625	E	10	G		0.4	10	DEAD SEA REGION
f	10	01	00	05.5	19.503	S	66.618	W	266	G	5.8	1.2	370	SOUTHERN BOLIVIA. mb 6.4 (BRK), 6.3 (PAS). Felt (V) at Arica, (IV) at Tocopillo and (III) in the Antafagasta area, Chile. Also felt (III) at Arequipa, Peru. Depth from broadband displacement seismograms.
	10	01	01	32.3	4.769	S	126.820	E	32	*	5.2	1.2	32	BANDA SEA
	10	01	08	44.5	37.332	N	20.732	E	10	G		1.3	16	IONIAN SEA. ML 3.9 (ATH).
	10	01	59	55.8?	5.45	N	126.05	E	136	?	4.5	1.1	10	MINDANAO, PHILIPPINE ISLANDS
	10	04	17	38.7	42.064	N	126.372	W	10	G	4.3	0.6	53	OFF COAST OF OREGON
	10	04	30	23.7?	19.60	S	66.93	W	293	?		0.4	5	SOUTHERN BOLIVIA
	10	04	40	22.7	42.135	N	125.986	W	10	G	4.3 4.0	1.1	60	OFF COAST OF OREGON
	10	05	37	23.2&	41.157	N	125.513	W	5				5	OFF COAST OF NORTHERN CALIFORNIA. <BRK>. ML 3.0 (BRK).
a	10	05	54	53.5	23.497	S	179.029	E	549	G	6.0	0.9	483	SOUTH OF FIJI ISLANDS. mb 6.6 (PAS), 6.5 (BRK). Depth from broadband displacement seismograms.
	10	06	17	16.9?	16.52	N	61.96	W	33	N		1.3	5	LEEWARD ISLANDS
	10	06	59	32.3&	37.808	N	121.755	W	13				15	CENTRAL CALIFORNIA. <BRK>. ML 3.4 (BRK). Mo=8.7*10**13 Nm (BRK).
	10	07	11	16.7&	59.926	N	153.383	W	143				36	SOUTHERN ALASKA. <AGS-P>.
	10	07	35	40.3	19.213	N	145.634	E	141	*	4.8	0.4	36	MARIANA ISLANDS
	10	07	45	07.9	1.602	S	99.479	E	57	D	5.2	1.0	46	SOUTHERN SUMATERA
	10	07	58	07.9*	3.994	S	80.572	W	10	G		1.4	12	PERU-ECUADOR BORDER REGION
	10	08	22	53.6	27.195	N	140.119	E	384	D	5.2	0.8	176	BONIN ISLANDS REGION
	10	10	19	35.9%	43.099	N	0.606	W	10	G		0.3	8	PYRENEES. MD 1.9 (STR).
	10	11	14	03.8&	61.618	N	149.935	W	37				36	SOUTHERN ALASKA. <AGS-P>.
	10	11	32	48.7?	30.95	S	71.85	W	33	N		1.1	9	NEAR COAST OF CENTRAL CHILE
	10	12	20	18.2&	59.798	N	152.674	W	88				41	SOUTHERN ALASKA. <AGS-P>.
	10	12	48	08.9*	32.480	S	70.255	W	119	?		0.4	9	CHILE-ARGENTINA BORDER REGION
	10	13	22	58.8	23.602	S	179.024	E	584	*	5.2	1.0	51	SOUTH OF FIJI ISLANDS
	10	14	34	06.1*	15.436	N	147.080	E	37	*	4.9 4.2	0.9	29	MARIANA ISLANDS REGION
	10	14	37	28.2?	32.34	S	71.66	W	23	*		0.5	8	NEAR COAST OF CENTRAL CHILE
	10	15	02	55.3?	26.77	S	72.81	W	10	G		1.4	5	OFF COAST OF NORTHERN CHILE
	10	15	03	23.5	38.324	N	22.217	E	10	G		1.0	6	GREECE. ML 3.0 (ATH).
a	10	15	32	16.2	29.162	N	132.000	E	33	N	5.1 4.4	0.9	104	RYUKYU ISLANDS REGION
	10	15	34	45.2	44.031	N	12.077	E	10	G		0.9	9	NORTHERN ITALY
	10	16	11	52.0	44.017	N	12.075	E	10	G		1.3	13	NORTHERN ITALY
	10	17	28	12.3*	40.466	N	25.657	E	10	G		1.1	7	AEGEAN SEA. MD 3.2 (ISK).
	10	17	49	21.9&	63.268	N	148.998	W	7				42	CENTRAL ALASKA. <AGS-P>. ML 3.3 (PMR).

	10	17	55	49.2&	38.797	N	122.833	W	5				24	NORTHERN CALIFORNIA. <BRK>. ML 3.9 (BRK). Mo=9.8*10**14 Nm (BRK). Felt (V) at Cobb, (IV) at Finley and (III) at Loch Lomond.
	10	18	35	34.4&	56.973	N	143.381	W	10 G	3.9			44	GULF OF ALASKA. <AGS-P>.
	10	18	47	41.3%	44.657	N	7.267	E	10 G			0.2	9	NORTHERN ITALY
	10	19	43	04.3?	46.05	N	151.95	E	33 N	4.5		1.0	14	KURIL ISLANDS
	10	19	47	38.2?	35.29	S	72.53	W	13	4.8		1.1	24	NEAR COAST OF CENTRAL CHILE. Felt (II) in the Santiago area.
	10	20	12	26.6?	21.61	N	143.09	E	330 ?	4.4		0.9	14	MARIANA ISLANDS REGION
	10	20	40	38.6?	13.97	S	167.06	E	142 ?	4.9		0.4	12	VANUATU ISLANDS
	10	22	00	26.2*	43.770	N	8.409	E	10 G			0.3	7	CORSICA
	10	23	12	22.8?	33.85	S	72.28	W	47 ?			1.5	17	OFF COAST OF CENTRAL CHILE
	11	00	34	53.9?	41.88	N	20.09	E	5 G			0.2	4	ALBANIA
	11	00	55	04.0?	18.13	N	99.94	W	33 N			0.1	4	GUERRERO, MEXICO
	11	01	53	41.6	35.005	N	119.456	W	10 G			0.8	9	CENTRAL CALIFORNIA. ML 3.1 (BRK).
	11	02	18	59.9?	33.41	N	132.17	E	33 N	4.4		1.3	6	SHIKOKU, JAPAN
	11	02	58	06.6&	63.338	N	149.695	W	106				27	CENTRAL ALASKA. <AGS-P>.
	11	03	14	39.4*	21.185	N	99.691	W	10 G	4.0		1.5	8	CENTRAL MEXICO
	11	03	53	22.9?	34.28	S	72.90	W	33 N			0.9	11	NEAR COAST OF CENTRAL CHILE
	11	03	54	35.1%	35.004	N	25.233	E	10 G			0.9	7	CRETE. MD 3.7 (ATH).
o	11	04	25	25.2	33.656	S	72.087	W	33 D	5.2	4.9	1.1	86	OFF COAST OF CENTRAL CHILE. Felt (IV) at San Antonio and (III) at Valparaiso and in the Santiago area.
	11	05	28	13.7*	24.042	N	125.326	E	33 N			0.9	7	SOUTHWESTERN RYUKYU ISLANDS
	11	06	51	31.7&	41.933	N	70.573	W	13				9	SOUTHERN NEW ENGLAND. <WES-P>. CL 2.7 (WES). Felt (V) at Plymouth; (IV) at West Dennis; (III) at Duxbury and Monomet; (II) at Hanson and Pocasset, Massachusetts. Also felt at Sandwich and Woods Hole, Massachusetts.
	11	07	26	24.6	43.973	N	8.500	E	10 G			0.7	17	CORSICA. ML 2.4 (LDG). MD 2.1 (STR).
	11	08	11	47.5%	40.679	N	29.910	E	10 G			0.3	5	TURKEY. MD 2.4 (ISK).
	11	08	27	44.1%	39.237	N	27.741	E	10 G			0.5	6	TURKEY. MD 2.6 (ISK).
	11	09	35	17.4*	32.439	S	71.714	W	33 N			1.5	12	NEAR COAST OF CENTRAL CHILE. Felt (III) in central Chile.
	11	10	03	52.4%	41.132	N	28.491	E	10 G			0.4	10	TURKEY. MD 2.7 (ISK).
	11	10	13	00.6?	54.87	N	109.63	E	33 N	4.5		0.5	6	LAKE BAIKAL REGION
	11	11	14	38.9?	39.13	N	27.65	E	10 G			0.3	4	TURKEY. MD 2.5 (ISK).
	11	12	19	02.2?	39.12	N	27.61	E	10 G			0.3	4	TURKEY. MD 2.5 (ISK).
o	11	13	57	05.1	32.838	N	48.212	E	46	5.3	4.7	0.9	260	WESTERN IRAN
	11	14	00	58.5*	38.179	N	26.236	E	10 G			1.0	5	AEGEAN SEA
	11	14	42	02.3	21.232	N	92.433	E	33 N	4.0		1.3	16	BURMA-BANGLADESH BORDER REGION
	11	14	57	36.3?	20.71	S	173.32	W	33 N	4.4		1.3	10	TONGA ISLANDS
o	11	15	14	45.0	18.726	N	69.376	W	101 D	5.4		0.8	305	DOMINICAN REPUBLIC REGION. MD 5.2 (TRN). Felt strongly in eastern Dominican Republic. Also felt throughout Puerto Rica.
	11	15	24	21.5*	27.503	S	70.799	W	121 ?			1.1	11	NEAR COAST OF NORTHERN CHILE
	11	17	29	48.5?	25.45	S	179.49	W	450 G	4.4		1.5	7	SOUTH OF FIJI ISLANDS
	11	18	47	17.2?	15.30	N	97.90	W	33 N			0.7	5	NEAR COAST OF OAXACA, MEXICO
	11	18	52	26.7?	31.37	S	68.56	W	110 G			0.4	4	SAN JUAN PROVINCE, ARGENTINA
	11	18	56	28.4?	37.65	N	23.17	E	10 G			1.4	4	SOUTHERN GREECE. ML 2.9 (ATH).
o	11	20	48	53.5*	3.457	S	146.597	E	25 D	5.1	4.9	1.3	25	BISMARCK SEA
	11	22	33	01.6?	40.38	N	15.58	E	10 G			1.1	4	SOUTHERN ITALY
	11	23	12	27.5*	51.293	N	178.467	E	33 N	4.4		1.4	9	RAT ISLANDS, ALEUTIAN ISLANDS
	11	23	14	13.7?	36.69	N	71.13	E	72 ?	4.2		1.7	9	AFGHANISTAN-USSR BORDER REGION
	11	23	21	15.1	37.830	N	19.813	E	38	4.1		1.2	127	IONIAN SEA. MD 4.5 (ATH).
	11	23	51	59.2*	3.523	N	123.950	E	422 ?	4.5		0.6	9	CELEBES SEA
	12	01	48	35.2%	39.911	N	26.813	E	10 G			0.6	5	TURKEY. MD 2.1 (ISK).
	12	01	49	19.5	29.076	N	60.977	E	29 D	4.8	4.3	1.1	46	SOUTHERN IRAN. Felt at Zahedan.
	12	03	09	46.9*	34.963	N	47.794	E	33 N	4.3		1.7	7	WESTERN IRAN
	12	03	20	56.0*	14.826	N	97.996	W	33 N	4.5		1.1	12	OFF COAST OF OAXACA, MEXICO
	12	04	56	51.8?	21.65	S	179.07	W	576 ?	4.3		1.0	22	FIJI ISLANDS REGION
	12	05	02	18.1&	45.238	N	112.723	W	7				11	MONTANA. <BUT>. ML 3.2 (BUT). Felt at Dillon.
	12	05	31	12.6?	15.35	S	72.56	W	149 ?			0.9	8	SOUTHERN PERU
	12	05	34	28.1	27.775	N	130.771	E	33 N	5.1		1.2	61	RYUKYU ISLANDS
	12	05	36	15.5	38.183	N	23.148	E	10 G	4.1		1.2	95	GREECE. ML 4.0 (THE), 4.0 (TTG), 3.9 (ATH).
	12	06	40	42.8?	15.77	S	173.94	W	33 N	4.7	4.7	0.7	22	TONGA ISLANDS
	12	07	56	44.5&	59.564	N	152.996	W	92				26	SOUTHERN ALASKA. <AGS-P>.
	12	08	50	11.8&	38.347	N	118.108	W	15				4	CALIFORNIA-NEVADA BORDER REGION. <BRK>. ML 2.8 (BRK).
	12	08	50	19.9	40.403	N	25.875	E	10 G			1.0	8	AEGEAN SEA. MD 2.9 (ISK), 2.8 (ATH).
	12	09	10	58.1%	39.185	N	27.615	E	10 G			1.1	5	TURKEY. MD 2.6 (ISK).
	12	09	50	04.1?	35.45	N	140.79	E	33 N	4.3		1.2	5	NEAR EAST COAST OF HONSHU, JAPAN
	12	10	00	53.3?	39.29	N	27.82	E	10 G			0.5	4	TURKEY. MD 2.5 (ISK).
	12	10	04	21.4%	39.095	N	27.598	E	10 G			0.0	5	TURKEY. MD 2.5 (ISK).
	12	10	31	06.4*	39.251	N	28.282	W	10 G			0.4	6	AZORES ISLANDS. Felt (IV) on Graciosa and (III) on Sao Jorge.
	12	10	36	35.7	43.413	N	5.442	E	10 G			0.8	12	NEAR SOUTH COAST OF FRANCE. MD 2.5 (STR).
	12	13	30	33.1*	32.721	N	48.342	E	47 ?	4.6		1.5	13	WESTERN IRAN
	12	14	06	05.1%	39.117	N	27.596	E	10 G			0.4	5	TURKEY. MD 2.5 (ISK).
	12	14	26	02.1	34.762	N	23.144	E	28	4.4		1.2	100	CRETE. MD 4.3 (HLW). ML 4.2 (THE), 4.2 (ATH).
	12	14	35	53.6?	31.42	S	68.84	W	100 G			0.2	4	SAN JUAN PROVINCE, ARGENTINA
	12	16	04	03.0*	55.496	N	35.048	W	10 G	4.3		1.1	15	NORTH ATLANTIC OCEAN
	12	16	07	20.0&	37.063	N	121.907	W	15				18	CENTRAL CALIFORNIA. <BRK>. ML 3.0 (BRK). Felt at Santa Cruz.
	12	16	14	25.5	13.377	N	87.560	W	208 D	4.5		1.0	40	HONDURAS
	12	17	30	00.0&	37.248	N	116.494	W	0	5.6	4.2		235	SOUTHERN NEVADA. <DOE>. ML 5.4 (BRK). 37° 14' 52.31" N., 116° 29' 39.16" W., Surface Elev. 1898 m., Depth of Burial 600 m., Shot Time 173000.08, "TENABO," Nevada Test Site (Dept. of Energy). Felt at Las Vegas.
	12	18	00	05.4?	50.20	N	143.72	E	33 N	4.6		1.6	6	SAKHALIN ISLAND
	12	18	55	10.4%	61.772	N	5.331	E	10 G			1.5	7	SOUTHERN NORWAY. MD 2.3 (BER).
	12	19	08	13.8?	32.78	S	70.94	W	76 ?			0.4	6	CHILE-ARGENTINA BORDER REGION
	12	19	23	22.7*	55.926	S	27.739	W	33 N	5.3		1.2	19	SOUTH SANDWICH ISLANDS REGION
	12	20	24	50.0	29.250	N	51.431	E	33 N	4.2		1.1	12	SOUTHERN IRAN. ML 4.1 (BMU).
	12	23	46	50.7?	7.74	S	119.21	E	133 ?	4.3		0.9	6	FLORES SEA
	13	00	03	04.7	54.420	N	159.511	E	131 D	4.6		0.8	56	NEAR EAST COAST OF KAMCHATKA

	13	00	19	26.9	47.025	N	9.477	E	10	G		1.0	8	GERMANY. ML 2.1 (VIE).
a	13	00	20	23.3	15.724	N	147.931	E	37	D	5.8 5.5	1.1	195	MARIANA ISLANDS REGION. Ms 5.4 (BRK). Mo=2.0*10**18 Nm (PPT).
	13	00	30	42.8%	17.029	N	99.458	W	33	N		1.3	7	GUERRERO, MEXICO
	13	00	52	28.8?	38.87	N	27.64	E	10	G		1.2	4	TURKEY. MD 2.4 (ISK).
	13	01	34	13.7*	17.929	N	122.109	E	33	N	4.6	1.3	14	LUZON, PHILIPPINE ISLANDS
	13	02	07	31.8?	31.36	S	68.52	W	110	G		0.2	5	SAN JUAN PROVINCE, ARGENTINA
	13	02	32	26.4	49.173	N	6.954	E	10	G		0.5	8	GERMANY. MD 2.5 (UCC), 2.4 (STR).
	13	03	52	08.1?	35.37	S	70.95	W	86	*		1.1	17	CHILE-ARGENTINA BORDER REGION
	13	03	56	17.8&	31.720	N	115.910	W	6	G	3.6		23	BAJA CALIFORNIA. <PAS-P>. ML 4.0 (PAS).
	13	03	59	07.9*	70.353	N	7.262	E	10	G		1.0	9	NORWEGIAN SEA. MD 3.5 (BER).
	13	04	07	40.7*	51.327	N	15.806	E	10	G		1.1	10	POLAND. ML 3.3 (VKA), 2.7 (KRA).
	13	04	12	08.3	40.709	N	23.404	E	11		4.3	1.2	84	GREECE. ML 4.0 (THE), 3.9 (ATH). Felt at Thessaloniki.
	13	04	28	27.7	9.012	N	122.647	E	24	D	4.9 4.5	1.2	37	NEGROS, PHILIPPINE ISLANDS. Felt at Bacolod and Iloilo.
	13	05	28	09.1*	32.752	S	72.808	W	28			1.1	12	OFF COAST OF CENTRAL CHILE
	13	05	35	34.0%	40.191	N	27.375	E	10	G		1.3	11	TURKEY. MD 3.1 (ISK).
	13	05	55	49.0*	21.856	S	68.618	W	193	?		1.1	8	CHILE-BOLIVIA BORDER REGION
	13	06	24	34.9*	31.751	S	70.852	W	122	*		1.2	16	CHILE-ARGENTINA BORDER REGION
	13	06	49	52.9	43.156	N	0.392	W	10	G		0.7	13	PYRENEES. ML 2.7 (LDG).
	13	07	22	45.0	38.726	N	22.143	E	5	G		1.5	9	GREECE. ML 3.0 (ATH).
	13	07	33	57.6%	40.289	N	29.453	E	10	G		0.7	7	TURKEY. MD 2.6 (ISK).
	13	07	36	45.1	38.280	N	22.127	E	10	G		1.4	9	GREECE. ML 2.9 (ATH).
	13	07	44	39.9*	15.793	N	93.467	W	81	D	4.2	1.7	13	NEAR COAST OF CHIAPAS, MEXICO
	13	09	52	04.4?	39.16	N	27.59	E	10	G		0.1	4	TURKEY. MD 2.5 (ISK).
	13	09	54	40.0?	39.13	N	27.67	E	10	G		0.0	4	TURKEY. MD 2.3 (ISK).
	13	10	13	14.7?	25.13	N	127.02	E	206	?	4.2	1.3	6	RYUKYU ISLANDS
	13	10	23	04.5?	39.09	N	27.62	E	10	G		1.1	4	TURKEY. MD 2.4 (ISK).
	13	10	23	14.3%	23.150	N	121.703	E	33	N		0.3	5	TAIWAN
	13	11	14	33.1	2.225	S	80.044	W	76	D	5.0	0.8	49	NEAR COAST OF ECUADOR. Felt at Guayaquil and (I) at Quito.
	13	11	23	51.7*	26.729	N	126.388	E	78	?	4.4	1.5	17	RYUKYU ISLANDS
	13	12	51	03.4?	39.19	N	27.48	E	10	G		1.1	4	TURKEY. MD 2.5 (ISK).
	13	12	54	31.4	40.028	N	23.714	E	10	G		1.1	20	GREECE. ML 3.4 (ATH), 3.0 (THE).
	13	13	35	38.0?	36.31	N	70.60	E	80	?	4.2	1.3	6	HINDU KUSH REGION
	13	13	58	35.4	40.683	N	23.399	E	10	G	3.6	0.9	30	GREECE. ML 3.8 (ATH), 3.6 (THE).
	13	14	03	20.0	40.693	N	23.393	E	8		3.8	1.0	38	GREECE. ML 3.7 (THE), 3.7 (ATH).
	13	14	06	35.6	40.694	N	23.356	E	10			1.0	24	GREECE. ML 3.3 (THE). MD 3.3 (ATH).
	13	14	33	49.9	39.996	N	23.675	E	10	G		0.8	13	AEGEAN SEA. ML 2.9 (THE). MD 2.9 (ATH).
	13	14	44	06.6?	26.50	N	126.32	E	86	?	4.7	1.7	14	RYUKYU ISLANDS
	13	15	53	17.3*	23.281	S	179.844	W	500	G	4.7	1.0	20	SOUTH OF FIJI ISLANDS
	13	16	23	33.0?	15.48	N	97.86	W	10	G	4.0	1.5	10	NEAR COAST OF OAXACA, MEXICO
	13	19	51	37.2	40.662	N	23.342	E	10	G		0.7	10	GREECE. MD 2.7 (ATH). ML 2.2 (THE).
	13	20	07	27.9	42.955	N	13.572	E	10	G		1.1	12	CENTRAL ITALY
	13	20	15	13.9	4.282	N	95.300	E	76	*	5.0	0.9	36	NORTHERN SUMATERA
	13	20	26	52.2%	39.028	N	29.716	E	10	G		1.0	13	TURKEY. MD 3.4 (ISK).
	13	20	51	02.8	40.695	N	23.313	E	10	G		1.0	17	GREECE. MD 2.9 (ATH). ML 2.7 (THE).
	13	20	58	38.5	40.683	N	23.336	E	10	G		1.5	10	GREECE. MD 2.9 (ATH).
	13	21	00	49.5	40.663	N	23.387	E	5	G		1.0	10	GREECE. MD 2.9 (ATH).
	13	21	02	34.1*	15.586	N	148.107	E	33	N		0.3	6	MARIANA ISLANDS REGION
	13	21	06	22.7?	16.64	N	99.90	W	33	N		0.3	6	NEAR COAST OF GUERRERO, MEXICO
	13	21	16	57.2	40.685	N	23.341	E	10	G		1.1	18	GREECE. ML 3.0 (THE). MD 3.0 (ATH).
	13	22	02	16.1?	20.29	S	175.79	W	248	?	4.8	1.3	23	TONGA ISLANDS
	13	22	11	54.5?	15.35	N	147.56	E	33	N	4.5	1.3	8	MARIANA ISLANDS REGION
	13	22	15	22.4?	29.44	S	68.24	W	120	G		1.1	6	SAN JUAN PROVINCE, ARGENTINA
a	13	22	53	32.8	23.493	S	179.135	E	572	D	5.3	1.1	142	SOUTH OF FIJI ISLANDS
	13	23	32	40.1?	14.43	N	60.60	W	33	N		0.1	5	WINDWARD ISLANDS. MG 2.9 (FDF).
	13	23	36	19.3	28.160	S	69.534	W	94	*	4.4	1.0	21	CHILE-ARGENTINA BORDER REGION
	13	23	52	46.1	15.654	N	147.987	E	33	N	4.8	0.9	25	MARIANA ISLANDS REGION
	14	00	04	41.3?	31.40	S	69.40	W	120	G		0.5	5	SAN JUAN PROVINCE, ARGENTINA
	14	00	18	46.8*	15.571	N	148.080	E	33	N	4.4	0.5	12	MARIANA ISLANDS REGION
	14	00	31	34.3*	15.805	N	147.984	E	33	N	4.6	0.7	7	MARIANA ISLANDS REGION
	14	01	01	47.1%	23.138	N	121.724	E	33	N		0.5	5	TAIWAN
	14	01	07	48.0	38.246	N	23.159	E	10	G		1.2	6	GREECE. MD 2.7 (ATH).
a	14	01	58	42.8	17.650	S	178.906	W	556	D	5.1	1.0	187	FIJI ISLANDS REGION
	14	02	06	21.5&	38.048	N	122.227	W	9				21	NORTHERN CALIFORNIA. <BRK>. ML 3.6 (BRK). Mo=1.5*10**15 Nm (BRK). Felt (V) at Crockett, Pinole and Port Costa; (IV) at Richmond and Rodeo; (II) at Albany and Sonoma. Also felt at Concord, Oakland, San Rafael and Vallejo.
	14	02	21	12.5	16.209	N	120.501	E	27	D	4.8 4.4	0.9	38	LUZON, PHILIPPINE ISLANDS
	14	03	32	00.9	40.036	N	23.666	E	10	G		1.2	22	GREECE. ML 3.1 (THE). MD 3.1 (ATH).
	14	04	07	17.0*	13.042	N	90.568	W	33	N	4.0	1.2	9	NEAR COAST OF GUATEMALA. Felt (II) at San Salvador, El Salvador.
	14	05	31	09.9&	59.875	N	153.620	W	130				44	SOUTHERN ALASKA. <AGS-P>.
	14	06	05	51.3	30.534	N	67.495	E	12	D	4.7 4.1	1.0	43	PAKISTAN. Felt (III) at Quetta.
	14	06	33	14.9%	39.990	N	23.621	E	5	G		0.4	7	AEGEAN SEA. ML 2.5 (THE).
	14	06	48	18.1&	63.073	N	149.361	W	85				60	CENTRAL ALASKA. <AGS-P>. Felt (III) at Cantwell.
	14	07	01	27.8?	6.41	S	130.73	E	134	?	4.5	1.4	7	BANDA SEA
	14	08	12	21.9?	8.88	N	70.95	W	5	G		1.4	7	VENEZUELA
	14	08	44	34.5*	38.050	N	98.083	E	10	G	4.1	1.4	8	QINGHAI PROVINCE, CHINA. ML 3.8 (BJI).
	14	09	06	24.3%	43.111	N	0.618	W	10	G		0.2	9	PYRENEES. MD 1.2 (STR).
	14	09	13	00.1%	47.216	N	0.305	W	10	G		1.0	10	FRANCE. ML 2.3 (LDG).
	14	09	19	15.6?	4.29	S	79.93	W	90	G		0.7	8	PERU-ECUADOR BORDER REGION
	14	09	27	38.5?	34.57	N	22.69	E	33	N	4.3	1.7	7	MEDITERRANEAN SEA. MD 3.7 (ATH).
	14	09	52	41.0	30.823	N	86.385	E	12	D	4.9	1.4	63	TIBET
	14	10	04	47.5?	39.10	N	27.59	E	10	G		0.7	4	TURKEY. MD 2.2 (ISK).
	14	10	16	41.1%	39.265	N	27.719	E	10	G		1.3	7	TURKEY. MD 2.6 (ISK).
	14	10	49	23.9?	15.80	N	146.10	E	56	?	4.4	1.2	11	MARIANA ISLANDS
	14	10	52	44.9%	39.139	N	27.624	E	10	G		0.5	5	TURKEY. MD 2.5 (ISK).
	14	10	57	05.8?	46.67	N	6.84	E	10	G		0.8	5	SWITZERLAND. ML 2.3 (LDG).
	14	11	02	40.1?	16.30	N	144.82	E	33	N	5.1	1.4	11	MARIANA ISLANDS REGION
	14	11	42	43.9	46.685	N	7.288	E	10	G		0.9	51	SWITZERLAND. ML 3.1 (LDG), 2.7 (VIE). MD 2.9 (STR).
	14	11	53	35.0&	62.514	N	151.268	W	93				15	CENTRAL ALASKA. <AGS-P>.
	14	12	25	55.9%	40.689	N	23.380	E	10	G		0.5	9	GREECE. ML 2.9 (THE).

	14	13	17	37.5	45.959	N	26.983	E	40	*	4.2	1.1	46	ROMANIA. MD 3.7 (ATH). Felt (V) in the epicentral area and (IV) at Focsani.
	14	14	32	58.4?	28.54	S	67.32	W	33	N		0.1	5	LA RIOJA PROVINCE, ARGENTINA
	14	15	13	40.9&	63.179	N	150.637	W	133				44	CENTRAL ALASKA. <AGS-P>.
	14	16	02	51.9%	37.122	N	3.547	W	10	G		0.3	7	SPAIN. mbLg 2.2 (MDD).
	14	16	13	24.0?	28.76	N	81.95	E	143	?	4.3	0.8	6	NEPAL-INDIA BORDER REGION
	14	16	19	56.6	37.996	N	20.128	E	10	G	4.3	1.3	108	IONIAN SEA. ML 4.4 (ATH), 4.4 (TTG).
	14	17	56	47.2	37.007	N	29.559	E	10	G		1.0	9	TURKEY. MD 3.8 (ATH), 3.6 (ISK).
	14	18	28	36.9	17.861	S	178.709	W	588		5.2	0.8	62	FIJI ISLANDS REGION
	14	19	06	49.7?	23.40	S	67.85	W	150	G		0.8	5	CHILE-ARGENTINA BORDER REGION
	14	19	09	16.1&	60.120	N	150.416	W	32				57	KENAI PENINSULA, ALASKA. <AGS-P>. ML 3.5 (PMR).
	14	19	36	20.7%	44.672	N	8.445	E	10	G		0.4	7	NORTHERN ITALY
	14	19	43	41.0&	36.130	N	115.970	W	6	G			6	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 3.0 (PAS).
	14	19	48	12.6*	46.121	S	33.554	E	10	G	4.9	0.8	12	PRINCE EDWARD ISLANDS REGION
	14	19	53	48.9	43.042	N	0.222	W	10	G		0.3	8	PYRENEES. ML 2.6 (LDG). Felt (II) at Ferrieres and Lau-Balagnas, France.
	14	19	58	16.8	44.070	N	7.661	E	10			0.6	21	NORTHERN ITALY. ML 2.7 (LDG).
	14	20	05	25.5%	36.064	N	27.246	E	10	G		1.6	5	DODECANESE ISLANDS. MD 3.7 (ATH).
	14	21	29	53.1	44.720	N	7.415	E	10	G		0.4	15	NORTHERN ITALY. ML 2.0 (LDG).
	14	21	45	03.7*	56.148	S	27.270	W	33	N	5.0	0.7	11	SOUTH SANDWICH ISLANDS REGION
	14	21	47	13.4*	37.879	N	21.177	E	33	N	3.7	1.6	8	SOUTHERN GREECE. ML 3.5 (ATH).
	14	21	50	58.2	36.170	N	27.215	E	10	G		0.9	9	DODECANESE ISLANDS. ML 3.9 (ATH). MD 3.9 (ISK).
	14	22	03	18.6?	36.13	N	27.19	E	10	G		0.7	4	DODECANESE ISLANDS
	14	22	45	17.5*	31.279	S	68.850	W	110	*		1.0	15	SAN JUAN PROVINCE, ARGENTINA
	14	22	50	05.6?	33.84	N	6.34	W	10	G		0.6	4	MOROCCO
	15	00	16	17.6%	38.626	N	13.296	E	10	G		0.7	6	SICILY
	15	01	10	32.6?	17.58	N	61.15	W	10	G		0.4	6	LEEWARD ISLANDS ML 3.2 (FDF).
f	15	01	35	44.5	2.211	S	92.249	E	32	D	5.9 6.5	1.0	432	SOUTHWEST OF SUMATERA. Ms 6.4 (PAS). Mo=4.0*10**18 Nm (PPT). Complex event observed on broadband displacement seismograms.
	15	03	37	27.7*	38.496	N	23.779	E	5	G		1.5	6	GREECE. MD 3.1 (ATH).
	15	03	40	54.4	44.052	N	7.247	E	10	G		0.7	17	NORTHERN ITALY. ML 2.4 (LDG), 2.0 (GEN).
	15	03	48	28.3?	42.85	N	13.36	E	10	G		0.3	4	CENTRAL ITALY
	15	04	40	59.0&	58.306	N	143.015	W	10	G			25	GULF OF ALASKA. <AGS-P>.
a	15	06	30	20.3	15.311	N	46.350	W	10	G	5.2 4.9	0.9	170	NORTH ATLANTIC RIDGE
	15	07	00	55.6*	1.095	N	121.105	E	168	?		1.3	9	MINAHASSA PENINSULA
	15	08	04	00.7	41.775	N	19.849	E	10	G		1.3	11	ALBANIA. ML 3.0 (SKO), 2.7 (TTG).
	15	09	07	19.5?	5.85	S	129.21	E	168	?		1.6	5	BANDA SEA
	15	09	38	16.8	85.119	N	94.193	E	10	G	4.6 4.3	1.0	29	NORTH OF SEVERNAYA ZEMLYA
	15	11	10	11.4?	39.15	N	27.61	E	10	G		0.3	4	TURKEY. MD 2.4 (ISK).
	15	11	46	38.9	7.202	S	122.996	E	545		5.0	1.0	47	FLORES SEA
	15	11	54	02.7*	38.959	N	20.538	E	10	G		1.4	8	GREECE. MD 3.2 (ATH). ML 3.0 (THE).
	15	14	53	55.1?	32.53	S	71.98	W	33	N		0.5	5	NEAR COAST OF CENTRAL CHILE
	15	16	14	15.6?	16.04	N	98.32	W	33	N		1.3	5	NEAR COAST OF GUERRERO, MEXICO
a	15	19	06	52.6	33.640	N	56.808	E	33	N	5.0	1.1	109	IRAN. ML 5.2 (MHI). Felt in the Tabas area and at Ferdaws.
	15	19	49	23.0?	22.35	S	113.59	E	33	N		1.7	10	WESTERN AUSTRALIA
a	15	19	50	24.0	10.047	S	114.607	E	70	*	5.8	1.4	116	SOUTH OF BALI ISLAND
	15	20	18	50.9?	44.28	N	6.13	E	10	G		1.0	4	FRANCE. ML 2.0 (LDG).
	15	21	59	09.9*	21.110	S	68.947	W	182	?		1.2	7	CHILE-BOLIVIA BORDER REGION
	15	23	04	50.0?	39.45	N	27.63	E	10	G		1.3	6	TURKEY. MD 2.6 (ISK).
	16	00	50	49.6	38.209	N	23.207	E	11			1.3	33	GREECE. ML 3.3 (ATH), 3.3 (THE).
	16	01	29	24.2?	36.01	N	143.00	E	33	N	4.5	1.3	6	OFF EAST COAST OF HONSHU, JAPAN
	16	02	38	49.6*	49.870	N	18.522	E	10	G		0.5	5	CZECHOSLOVAKIA. ML 2.4 (VKA).
	16	03	48	32.7?	39.84	N	30.86	E	10	G		0.7	5	TURKEY. MD 2.5 (ISK).
	16	04	12	14.5*	46.176	N	152.889	E	33	N	4.8	1.1	28	KURIL ISLANDS
	16	04	21	28.6?	45.83	N	152.61	E	33	N	4.5	1.5	5	KURIL ISLANDS REGION
	16	04	30	50.5*	7.000	N	76.421	W	58	?	4.4	1.6	14	NORTHERN COLOMBIA
a	16	06	13	13.7	49.043	N	155.076	E	83	G	6.0	0.9	454	KURIL ISLANDS. Felt (IV) at Mys Vasilyeva and (III) at Severo-Kurilsk. Depth from broadband displacement seismograms.
	16	07	26	05.0?	44.18	N	149.78	E	33	N	4.2	1.1	7	KURIL ISLANDS
	16	08	52	28.3?	11.26	N	61.82	W	33	N		1.3	4	WINDWARD ISLANDS. MD 3.0 (TRN).
	16	10	14	10.7?	39.07	N	27.64	E	10	G		1.2	4	TURKEY. MD 2.3 (ISK).
	16	10	15	46.2?	43.78	N	7.36	E	10	G		0.4	4	NEAR SOUTH COAST OF FRANCE. ML 2.2 (LDG).
	16	10	47	28.2?	39.10	N	27.63	E	10	G		0.5	4	TURKEY. MD 2.3 (ISK).
	16	12	12	15.7?	13.06	N	144.71	E	62	*	4.3	1.0	12	MARIANA ISLANDS
	16	12	55	14.1*	32.642	S	71.795	W	10	G		0.7	11	NEAR COAST OF CENTRAL CHILE
	16	13	05	16.1*	32.672	S	71.722	W	10	G		0.7	11	NEAR COAST OF CENTRAL CHILE
	16	13	23	56.6?	43.71	N	128.20	W	10	G		0.5	46	OFF COAST OF OREGON
	16	13	32	51.9?	32.23	S	72.19	W	33	N		0.5	8	OFF COAST OF CENTRAL CHILE
	16	14	25	30.7	43.149	N	0.006	W	28			1.3	40	PYRENEES. ML 4.1 (LDG). mbLg 3.6 (MDD). Felt (V) in the Lourdes area, France.
	16	14	38	55.4?	39.06	N	27.68	E	10	G		0.0	4	TURKEY. MD 2.5 (ISK).
	16	15	45	50.2	43.402	N	5.411	E	10	G		0.7	15	NEAR SOUTH COAST OF FRANCE. MD 2.6 (STR).
	16	16	27	20.9	51.253	N	175.096	W	33	N	4.7 4.6	1.1	37	ANDREANOF ISLANDS, ALEUTIAN IS. Felt (II) on Adak.
	16	16	28	54.7*	51.293	N	175.053	W	33	N	4.8 4.4	1.1	27	ANDREANOF ISLANDS, ALEUTIAN IS. Felt (II) on Adak.
	16	17	09	37.0*	13.221	S	167.030	E	205	*	5.2	1.0	32	VANUATU ISLANDS
	16	17	56	50.5&	58.167	N	156.505	W	0				21	ALASKA PENINSULA. <AGS-P>.
	16	18	01	51.4*	51.254	N	174.999	W	33	N	4.8 4.5	1.2	38	ANDREANOF ISLANDS, ALEUTIAN IS. Felt (II) on Adak.
	16	18	25	17.7?	31.49	S	179.84	W	401	?		1.5	20	KERMADEC ISLANDS REGION
	16	19	58	16.0	44.913	N	10.777	E	10	G		1.2	60	NORTHERN ITALY. ML 3.7 (VIE), 3.5 (LDG). MD 3.3 (TRI).
	16	20	00	01.4%	45.075	N	7.169	E	10	G		0.7	7	NORTHERN ITALY. ML 2.1 (GEN).
	16	20	20	03.7%	39.502	N	16.520	E	10	G		0.4	6	SOUTHERN ITALY
	16	21	07	41.1	43.161	N	0.024	E	10	G		1.1	9	FRANCE. ML 3.3 (LDG). Felt (IV) in the Lourdes area.
	16	21	12	39.0?	16.94	S	168.12	E	225	*	4.7	1.6	10	VANUATU ISLANDS
	16	21	22	05.4%	1.025	S	78.376	W	10	G		0.2	6	ECUADOR
	16	21	38	56.4&	60.352	N	152.348	W	88				34	SOUTHERN ALASKA. <AGS-P>.
	16	21	52	13.6&	59.303	N	153.543	W	112				27	SOUTHERN ALASKA. <AGS-P>.
	16	21	55	31.8	24.092	S	66.705	W	193		4.9	0.9	54	SALTA PROVINCE, ARGENTINA
	16	22	36	46.5	43.882	N	8.611	E	10	G		0.2	13	CORSICA. ML 2.4 (GEN), 2.1 (LDG).
	16	22	50	00.5?	10.25	S	161.68	E	94	?	4.5	0.0	5	SOLOMON ISLANDS
	16	23	14	09.4	28.132	S	67.402	W	151	*	4.9	1.2	28	LA RIOJA PROVINCE, ARGENTINA

	16	23	28	13.6*	1.663	S	134.502	E	33	N	4.5		1.2	7	WEST IRIAN REGION
	16	23	38	44.1*	29.131	S	177.391	W	33	N	5.3		1.5	42	KERMADEC ISLANDS
	16	23	55	57.9*	34.517	N	26.886	E	33	N			1.1	7	CRETE. MD 3.8 (ATH).
	17	00	51	03.5%	38.963	N	15.632	E	103	?			0.3	9	SICILY
	17	01	32	23.5?	1.15	S	128.96	E	33	N	4.8		0.6	6	HALMAHERA
	17	02	00	53.2	37.049	N	34.003	E	29		4.3		1.0	36	TURKEY
	17	02	56	20.6%	45.951	N	26.874	E	27	*			0.5	6	ROMANIA
	17	05	21	52.5%	40.724	N	29.036	E	10	G			0.6	8	TURKEY. MD 2.3 (ISK).
	17	06	36	36.0?	33.24	S	72.09	W	33	N			0.9	7	OFF COAST OF CENTRAL CHILE
	17	07	47	34.4*	41.216	N	20.579	E	5	G			1.6	8	ALBANIA. ML 3.5 (SKO).
	17	07	54	01.5	4.240	S	142.221	E	124	D	4.9		1.2	39	PAPUA NEW GUINEA
	17	08	45	43.4?	44.72	N	5.74	E	10	G			1.2	5	FRANCE. ML 2.5 (LDG).
	17	10	03	59.2%	39.131	N	27.520	E	10	G			0.3	5	TURKEY. MD 2.5 (ISK).
	17	10	11	26.2?	40.02	N	29.25	E	10	G			0.2	4	TURKEY. MD 2.4 (ISK).
	17	10	19	28.7	44.277	N	7.536	E	10	G			0.5	11	NORTHERN ITALY. ML 2.1 (LDG), 2.0 (GEN).
	17	11	04	35.7?	39.21	N	27.58	E	10	G			0.6	4	TURKEY. MD 2.5 (ISK).
	17	11	13	31.5&	58.108	N	154.847	W	65					21	ALASKA PENINSULA. <AGS-P>.
	17	11	25	03.5	43.236	N	111.647	W	5	G			0.8	22	EASTERN IDAHO. ML 3.2 (BUT).
	17	11	27	27.1?	29.40	N	142.62	E	33	N	4.4		1.1	10	SOUTH OF HONSHU, JAPAN
	17	11	34	03.5&	60.389	N	152.449	W	96					34	SOUTHERN ALASKA. <AGS-P>.
a	17	12	16	29.1	25.557	S	176.311	W	44	D	5.6	5.5	1.2	97	SOUTH OF FIJI ISLANDS. Ms 5.4 (BRK).
	17	13	59	34.8?	43.72	N	6.90	E	5	G			0.7	7	NEAR SOUTH COAST OF FRANCE
f	17	14	30	13.1	10.970	S	70.776	W	599	G	6.7		1.0	608	PERU-BRAZIL BORDER REGION. mb 6.8 (BRK), 6.8 (PAS). Mo=3.0*10**19 Nm (PPT). Slight damage at Rio Branco, Brazil. Felt (IV) at Pucallpa, Peru and (III) at La Paz, Bolivia. Depth from broadband displacement seismograms.
	17	15	12	18.8?	9.23	S	71.06	W	600	G	5.3		0.6	13	PERU-BRAZIL BORDER REGION
	17	16	50	51.7&	31.740	N	115.920	W	6	G				5	BAJA CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
	17	17	06	27.8	36.900	N	49.344	E	21	D	4.5		1.2	33	WESTERN IRAN. Felt at Rudbar.
	17	17	12	39.3%	39.920	N	28.835	E	10	G			0.5	8	TURKEY. MD 2.5 (ISK).
	17	18	17	16.6?	45.42	N	14.20	E	10	G			1.5	4	YUGOSLAVIA
	17	20	14	35.6?	16.67	S	69.69	W	203	?			0.3	5	PERU-BOLIVIA BORDER REGION
	17	20	32	23.3%	17.635	N	98.749	W	33	N			1.3	6	GUERRERO, MEXICO
	17	21	12	30.8%	43.120	N	0.687	W	10	G			0.2	9	PYRENEES. MD 1.0 (STR).
	17	21	50	45.8	34.646	N	58.226	E	12	D	4.6		1.2	18	IRAN. Felt at Bajestan.
	17	22	05	35.3*	19.809	S	69.422	W	122	*			0.6	8	NORTHERN CHILE
	17	22	06	47.9?	36.86	N	2.10	W	10	G			1.6	6	STRAIT OF GIBRALTAR. mbLg 2.3 (MDD).
	17	22	48	01.8	41.604	N	23.948	E	10	G			1.3	9	GREECE-BULGARIA BORDER REGION
	17	23	24	38.5	16.633	S	71.351	W	40		5.0		0.9	72	SOUTHERN PERU. Felt (IV) in the Arequipo area.
	18	00	19	25.9	34.542	N	33.052	E	33	N			0.7	8	CYPRUS. ML 3.2 (CSS).
	18	00	30	35.8%	61.309	N	5.081	E	10	G			0.9	7	SOUTHERN NORWAY. MD 2.7 (BER). Felt.
	18	00	38	52.1&	60.820	N	151.609	W	70					35	KENAI PENINSULA, ALASKA. <AGS-P>.
	18	01	01	38.9*	19.967	N	121.187	E	33	N	4.6		1.4	20	PHILIPPINE ISLANDS REGION
	18	01	19	52.2	42.406	N	1.446	E	10	G			0.8	30	PYRENEES. ML 3.3 (LDG). mbLg 3.2 (MDD).
	18	01	55	28.3&	63.110	N	150.636	W	121		4.0			64	CENTRAL ALASKA. <AGS-P>.
	18	03	06	52.3	7.348	S	129.279	E	48	*	5.3		0.9	53	BANDA SEA
	18	03	58	55.1%	38.977	N	27.160	E	10	G			0.5	5	TURKEY. MD 2.8 (ISK).
	18	04	41	13.4?	38.97	N	27.25	E	10	G			0.1	4	TURKEY. MD 2.6 (ISK).
	18	06	05	48.8*	63.547	N	151.202	W	33	N			0.8	5	CENTRAL ALASKA
	18	06	52	12.7*	26.414	S	27.368	E	5	G			1.4	5	REPUBLIC OF SOUTH AFRICA. mbLg 3.5 (BUL). ML 3.4 (PRE).
	18	07	14	18.2	24.120	S	66.669	W	203	*	4.7		1.6	24	SALTA PROVINCE, ARGENTINA
	18	07	22	49.6?	41.46	N	23.89	E	5	G			0.5	6	GREECE-BULGARIA BORDER REGION. ML 2.7 (THE).
	18	08	30	15.0&	32.420	N	115.130	W	6	G				3	CALIFORNIA-MEXICO BORDER REGION. <PAS-P>. ML 3.1 (PAS).
	18	09	22	23.9?	36.13	N	100.18	E	33	N	3.9		1.5	4	QINGHAI PROVINCE, CHINA. ML 3.5 (BJI).
	18	09	30	44.4*	26.390	S	27.349	E	5	G	4.0		1.1	6	REPUBLIC OF SOUTH AFRICA. mbLg 4.0 (BUL). ML 3.8 (PRE). At least 9 people killed, one missing and 6 injured in a mine near Carletonville. Probable rockburst.
	18	09	59	45.7?	39.13	N	27.74	E	10	G			0.8	4	TURKEY. MD 2.3 (ISK).
	18	10	05	44.5	42.869	N	13.544	E	14				1.3	16	CENTRAL ITALY
	18	10	05	45.9*	45.726	N	26.644	E	162	?			0.4	8	ROMANIA
	18	10	27	05.0%	43.807	N	12.666	E	10	G			0.5	5	CENTRAL ITALY
	18	10	59	41.1?	41.50	N	13.25	E	10	G			0.3	4	SOUTHERN ITALY
	18	11	35	46.4?	44.18	N	127.55	W	10	G			0.4	42	OFF COAST OF OREGON
	18	12	54	48.7	49.047	N	153.797	E	150	G	4.5		0.6	29	KURIL ISLANDS
	18	13	11	42.6?	35.16	N	25.16	E	5	G			1.3	4	CRETE. MD 3.6 (ATH).
	18	13	18	28.5?	39.15	N	27.49	E	10	G			1.0	4	TURKEY. MD 2.2 (ISK).
	18	13	28	50.7?	15.77	N	146.42	E	33	N	4.6		0.4	7	MARIANA ISLANDS
	18	13	31	06.1?	62.65	N	7.75	E	10	G			0.1	4	SOUTHERN NORWAY. MD 1.7 (BER).
	18	13	38	06.0?	62.24	N	7.10	E	10	G			0.5	4	SOUTHERN NORWAY. MD 1.8 (BER).
	18	14	20	31.0%	38.141	N	5.051	W	10	G			0.6	5	SPAIN. mbLg 2.0 (MDD).
	18	14	57	15.6?	11.26	N	124.10	E	33	N	4.4		0.2	9	LEYTE, PHILIPPINE ISLANDS
	18	15	35	52.1%	38.993	N	27.216	E	10	G			0.5	5	TURKEY. MD 2.9 (ISK).
	18	16	43	05.3	37.303	N	16.491	E	33	N			1.3	17	IONIAN SEA
	18	16	55	20.9	38.207	N	30.895	E	10	G			0.7	20	TURKEY. MD 4.0 (ISK).
	18	17	21	56.0&	33.640	N	117.880	W	3					31	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.6 (PAS). Slight damage (VI) at Costa Mesa. Felt (V) at Santa Ana, Seal Beach, Stanton and Tustin; (IV) at Balboa, Buena Park, East Irvine, El Toro, Fountain Valley, Huntington Beach, Midway City and Newport Beach; (III) at Atwood, Fullerton, La Habra, Laguna Niguel, Los Angeles and Surfside.
	18	18	36	56.3	43.625	N	16.904	E	5	G			1.1	28	YUGOSLAVIA. MD 3.6 (TRI). ML 3.0 (VIE), 3.0 (TTG).
	18	19	12	15.9	17.643	N	62.172	W	54	D	5.2		1.0	140	LEEWARD ISLANDS. MD 4.9 (TRN). Felt (V) on Antigua, (III) on St. Maarten, Guadeloupe and Saba. Also felt on Barbuda, Nevis and St. Kitts.
	18	19	30	29.0*	50.709	N	5.617	E	10	G			0.6	6	BELGIUM. ML 1.9 (BNS).
	18	20	15	52.2*	41.414	N	23.844	E	5	G			0.4	5	GREECE-BULGARIA BORDER REGION. ML 2.4 (THE).
	18	21	14	38.1&	59.514	N	152.748	W	76					49	SOUTHERN ALASKA. <AGS-P>.
	18	21	51	21.4*	39.974	N	23.299	E	5	G			0.4	8	AEGEAN SEA. ML 2.2 (THE).
a	18	22	21	16.1	3.431	S	143.544	E	46		5.4	4.5	0.7	98	NEAR N COAST OF PAPUA NEW GUINEA
	18	23	22	22.2	1.897	S	100.102	E	68	*	5.4		1.1	92	SOUTHERN SUMATERA
	18	23	25	48.6?	26.99	N	53.20	E	33	N	4.2	4.0	1.3	8	SOUTHERN IRAN

	18	23 29 16.1*	40.144	N	33.790	E	10	G			0.9	6	TURKEY. MD 4.2 (ISK).
	18	23 58 32.0	38.314	N	17.387	E	28				0.7	16	SOUTHERN ITALY
	19	00 13 06.5&	59.792	N	153.270	W	128					11	SOUTHERN ALASKA. <AGS-P>.
	19	00 27 52.4*	40.087	N	24.786	E	10	G			0.8	7	AEGEAN SEA. ML 2.9 (THE).
	19	00 32 06.9	39.568	N	107.559	W	5	G			0.7	22	COLORADO. ML 2.3 (NEIS). Felt (III) at New Castle.
	19	00 39 21.8&	59.670	N	152.224	W	70					18	SOUTHERN ALASKA. <AGS-P>.
	19	00 43 06.8	39.565	N	107.580	W	5	G			0.5	18	COLORADO. ML 2.1 (NEIS). Felt at New Castle.
	19	01 45 47.6?	38.97	N	27.15	E	10	G			0.8	4	TURKEY
	19	01 49 31.2	36.564	N	139.264	E	117	D	4.4		0.8	37	HONSHU, JAPAN
	19	01 57 16.4%	39.144	N	20.563	E	5	G			0.7	5	GREECE-ALBANIA BORDER REGION. MD 2.8 (ATH).
	19	02 08 52.5&	37.965	N	122.355	W	2					14	CENTRAL CALIFORNIA. <BRK>. ML 2.7 (BRK). Mo=5.1*10**13 Nm (BRK). Felt (V) at San Pablo. Also felt at Richmond.
	19	02 26 52.8*	35.083	N	26.257	E	33	N			1.4	13	CRETE. MD 3.8 (ATH).
	19	02 39 05.7	7.139	S	129.318	E	98	*	5.1		1.1	41	BANDA SEA
	19	03 05 17.3*	23.986	S	66.844	W	234	?			1.3	14	JUJUY PROVINCE, ARGENTINA
	19	03 28 07.5	38.391	S	176.154	E	177		4.8		1.1	37	NORTH ISLAND, NEW ZEALAND. Felt at Wellington.
	19	04 01 15.4&	61.854	N	151.934	W	120		4.3			65	SOUTHERN ALASKA. <AGS-P>.
	19	04 12 01.6	38.492	N	26.923	E	10	G			1.2	19	AEGEAN SEA. MD 4.0 (ISK), 3.6 (ATH).
	19	05 02 36.6%	40.622	N	15.161	E	14				1.0	8	SOUTHERN ITALY
	19	05 28 11.6%	40.644	N	29.959	E	10	G			0.7	12	TURKEY. MD 3.1 (ISK).
	19	05 43 04.6*	38.026	N	29.586	E	10	G			1.3	6	TURKEY. MD 3.3 (ISK).
	19	07 01 57.4&	46.470	N	75.590	W	13		4.6	4.2		83	SOUTHERN QUEBEC. <OTT>. mbLg 5.1 (OTT). Felt from Burlington, Ontario to Quebec City, Canada and from Buffalo to Albany, New York and Burlington, Vermont. Also felt at Waterville, Maine. Felt (V) at Malone and Tupper Lake, New York; (IV) at Massena and Ogdensburg, New York. Felt (III) in many areas of New York and Vermont.
	19	07 51 00.1*	15.535	N	146.717	E	33	N	4.9		0.2	11	MARIANA ISLANDS
	19	08 12 38.5*	21.777	S	178.768	W	649	*	4.6		1.3	16	FIJI ISLANDS REGION
	19	09 26 00.1?	14.31	N	97.96	W	33	N			0.2	5	OFF COAST OF OAXACA, MEXICO. Felt in Oaxaca State.
	19	09 28 01.1*	14.334	N	92.639	W	65	*	4.7		1.4	20	NEAR COAST OF CHIAPAS, MEXICO. Felt in the Mexico-Guatemala border area.
	19	10 24 11.1*	30.284	S	69.354	W	130	G			1.3	8	CHILE-ARGENTINA BORDER REGION
	19	10 25 15.9%	39.147	N	27.569	E	10	G			0.2	5	TURKEY. MD 2.5 (ISK).
	19	11 12 52.7?	35.19	N	24.32	E	33	N	3.8		0.9	5	CRETE. MD 3.7 (ATH).
	19	11 13 40.6?	28.44	N	139.63	E	414	?	4.1		1.3	10	BONIN ISLANDS REGION
	19	12 28 17.5&	37.018	N	118.360	W	3					18	CALIFORNIA-NEVADA BORDER REGION. <BRK>. ML 3.3 (BRK).
	19	12 29 57.9%	41.171	N	28.519	E	10	G			1.4	5	TURKEY. MD 2.3 (ISK).
	19	13 21 28.8*	30.220	S	177.699	W	41	D	4.9	4.5	1.6	11	KERMADEC ISLANDS. Felt on Raoul Island.
	19	14 12 01.4&	60.316	N	152.331	W	76					35	SOUTHERN ALASKA. <AGS-P>.
	19	14 13 19.5&	37.020	N	118.353	W	3					11	CALIFORNIA-NEVADA BORDER REGION. <BRK>. ML 3.3 (BRK).
	19	14 13 58.1&	45.341	N	121.686	W	6					87	WASHINGTON-OREGON BORDER REGION. <SEA>. CL 3.5 (SEA). Felt at Government Camp and Timberline Lodge, Oregon.
	19	14 19 20.2&	37.007	N	118.350	W	3					11	CALIFORNIA-NEVADA BORDER REGION. <BRK>. ML 3.2 (BRK), 3.0 (PAS).
	19	14 43 41.6?	40.12	N	29.55	E	10	G			0.5	5	TURKEY. MD 2.4 (ISK).
	19	16 03 47.5	24.098	S	179.158	E	543	*	5.2		1.1	57	SOUTH OF FIJI ISLANDS
	19	16 41 24.0?	3.43	S	136.14	E	33	N	5.0		1.1	9	WEST IRIAN
	19	16 57 36.7?	29.92	S	68.46	W	110	G			1.7	10	SAN JUAN PROVINCE, ARGENTINA
	19	17 00 02.4?	38.92	N	16.65	E	33	N			1.1	7	SOUTHERN ITALY
	19	17 30 21.9?	39.11	N	16.43	E	10	G			0.1	5	SOUTHERN ITALY
	19	17 30 58.2%	38.868	N	16.458	E	25	*			0.3	8	SOUTHERN ITALY
	19	17 42 10.8*	20.338	S	168.410	E	33	N	5.1		1.2	23	LOYALTY ISLANDS
	19	18 48 55.3	10.856	N	125.973	E	33	N	4.8		1.1	28	LEYTE, PHILIPPINE ISLANDS
	19	18 57 32.4?	28.80	S	176.69	W	144	?	4.1		1.7	10	KERMADEC ISLANDS REGION
	19	19 38 59.0?	23.20	S	68.26	W	110	G			0.9	5	NORTHERN CHILE
	19	20 32 43.7%	39.224	N	16.360	E	10	G			1.1	6	SOUTHERN ITALY
	19	21 04 27.1*	9.764	S	120.762	E	33	N	4.4		0.8	11	SUMBA ISLAND REGION
	19	21 49 14.8&	61.926	N	149.798	W	46					24	SOUTHERN ALASKA. <AGS-P>.
	19	21 57 36.3	51.734	N	16.367	E	10	G			0.7	15	POLAND. ML 4.0 (GRF), 3.7 (VKA).
	19	22 55 30.6&	61.408	N	151.044	W	56					23	SOUTHERN ALASKA. <AGS-P>.
	19	23 39 21.4	30.317	N	57.474	E	33	N	4.7	4.1	1.2	63	IRAN. Felt in the Kerman area.
	20	00 22 55.7?	39.08	N	16.51	E	10	G			0.4	5	SOUTHERN ITALY
	20	00 28 03.8*	40.274	N	25.997	E	10	G			1.0	5	AEGEAN SEA. MD 3.3 (ISK).
	20	00 52 09.3?	17.43	N	95.55	W	33	N			0.4	5	OAXACA, MEXICO
	20	01 58 13.9?	41.97	N	25.20	E	5	G			0.9	6	GREECE-BULGARIA BORDER REGION. ML 2.8 (THE).
	20	02 52 10.7?	24.06	N	122.31	E	10	G			0.6	5	TAIWAN REGION
	20	03 12 32.3&	60.517	N	152.027	W	81					43	SOUTHERN ALASKA. <AGS-P>.
	20	03 58 33.5?	40.21	N	29.62	E	10	G			0.6	4	TURKEY. MD 2.1 (ISK).
	20	04 29 07.8&	62.890	N	150.648	W	106					34	CENTRAL ALASKA. <AGS-P>.
	20	04 32 24.2&	62.148	N	150.438	W	1					25	CENTRAL ALASKA. <AGS-P>.
	20	05 20 34.8?	16.98	N	100.12	W	10	G			0.6	4	NEAR COAST OF GUERRERO, MEXICO
	20	05 35 42.2&	61.793	N	149.698	W	38					29	SOUTHERN ALASKA. <AGS-P>.
	20	05 47 50.3	36.545	N	139.288	E	122		4.4		0.8	13	HONSHU, JAPAN
	20	06 00 29.0?	35.45	N	24.43	E	33	N			0.4	4	CRETE. MD 3.3 (ATH).
	20	06 36 12.7*	19.259	N	120.997	E	33	N	4.4		1.1	16	PHILIPPINE ISLANDS REGION
	20	07 04 01.9&	37.018	N	118.338	W	2					10	CALIFORNIA-NEVADA BORDER REGION. <BRK>. ML 3.1 (BRK).
a	20	08 07 27.5	37.093	N	103.781	E	12	D	5.6	5.8	1.4	268	GANSU PROVINCE, CHINA. One person killed, two injured and damage in the Tianzhu area. Felt at Lanzhou.
	20	08 39 17.5	37.148	N	103.606	E	10	D	4.9		1.1	69	GANSU PROVINCE, CHINA. Felt in the Tianzhu area.
	20	08 58 14.9&	62.005	N	150.279	W	57					39	CENTRAL ALASKA. <AGS-P>.
	20	09 35 05.1?	39.17	N	27.49	E	10	G			0.2	4	TURKEY. MD 2.5 (ISK).
	20	10 00 51.1?	39.11	N	27.61	E	10	G			0.6	4	TURKEY. MD 3.0 (ISK).
	20	10 01 31.2	7.729	S	74.413	W	162	D	5.0		0.9	99	PERU-BRAZIL BORDER REGION
	20	10 08 51.4	37.097	N	103.668	E	10	G			1.3	10	GANSU PROVINCE, CHINA. ML 4.3 (BJI).
	20	10 43 17.9%	37.061	N	103.610	E	10	G			0.6	5	GANSU PROVINCE, CHINA. ML 3.9 (BJI).
	20	11 02 29.2?	36.83	N	27.42	E	10	G			1.1	4	DODECANESE ISLANDS. MD 3.9 (ATH).
	20	11 12 34.1%	40.130	N	28.187	E	10	G			1.3	7	TURKEY. MD 2.5 (ISK).
	20	12 03 25.6%	38.875	N	16.383	E	33	N			0.7	7	SOUTHERN ITALY
	20	13 10 19.7*	29.670	S	178.946	W	324	*	5.0		1.2	21	KERMADEC ISLANDS
	20	13 29 50.8?	24.49	N	121.70	E	33	N			0.7	4	TAIWAN
	20	13 31 24.3%	39.029	N	28.668	E	10	G			1.5	12	TURKEY. MD 3.1 (ISK).

	20	13 31 38.9	43.858	N	20.349	E	10	G			1.3	34	YUGOSLAVIA. MD 4.2 (TRI), 3.7 (VIE). Felt at Ivanjica.
	20	13 34 45.7?	39.13	N	27.65	E	10	G			0.8	4	TURKEY. MD 2.6 (ISK).
	20	15 03 21.8?	41.44	N	28.73	E	10	G			0.2	4	TURKEY. MD 1.9 (ISK).
	20	15 13 30.2*	28.701	S	176.517	W	50	D	5.0		1.3	26	KERMADEC ISLANDS REGION
	20	16 29 20.4?	30.91	S	69.92	W	120	G			0.1	4	CHILE-ARGENTINA BORDER REGION
	20	16 49 22.0*	39.722	N	23.799	E	10	G			0.7	8	AEGEAN SEA. ML 2.5 (THE).
	20	16 54 38.0&	37.017	N	118.337	W	1					13	CALIFORNIA-NEVADA BORDER REGION. <BRK>. ML 3.3 (BRK).
	20	18 47 05.5*	21.699	S	69.009	W	43	*	4.4		1.6	8	NORTHERN CHILE
	20	20.21 25.8&	58.989	N	152.453	W	76					31	KODIAK ISLAND REGION. <AGS-P>.
	20	20 39 47.5?	31.68	S	69.14	W	120	G			0.0	5	SAN JUAN PROVINCE, ARGENTINA
	20	21 05 23.2&	59.651	N	153.028	W	101					39	SOUTHERN ALASKA. <AGS-P>.
	20	21 56 32.7*	21.479	N	122.221	E	33	N	4.3		1.0	9	TAIWAN REGION
	20	22 12 31.8&	66.138	N	151.274	W	10	G				8	ALASKA. <AGS-P>.
	20	23 55 22.8*	52.029	N	169.371	W	33	N	4.7		1.2	22	FOX ISLANDS, ALEUTIAN ISLANDS
	21	00 44 45.4&	36.725	N	122.338	W	7					8	CENTRAL CALIFORNIA. <BRK>. ML 2.7 (BRK).
	21	01 57 33.9	14.949	S	166.738	E	47	*	5.0	4.4	1.1	88	VANUATU ISLANDS
	21	02 43 29.1?	42.96	N	13.58	E	10	G			0.2	4	CENTRAL ITALY
	21	03 27 20.3*	12.867	N	87.964	W	86	*	4.6		1.3	34	NEAR COAST OF NICARAGUA. Felt (II) at San Salvador, El Salvador.
	21	03 43 02.0	17.362	S	69.272	W	182		4.8		0.9	32	PERU-BOLIVIA BORDER REGIDN
	21	04 22 56.9*	2.563	N	64.788	E	10	G	4.9		1.0	42	CARLSBERG RIDGE
	21	04 31 19.9	38.908	N	108.355	W	10	G			0.6	21	COLORADO. ML 2.5 (NEIS). Felt (V) at Polisade and (IV) at Clifton and Whitewater. Also felt at Grand Junction.
	21	04 44 00.5*	19.057	S	168.201	E	91		4.3		0.8	24	VANUATU ISLANDS
	21	07 19 05.8?	24.89	S	13.58	W	10	G	4.6		0.9	10	SOUTH ATLANTIC RIDGE
	21	08 24 09.3?	10.92	S	166.55	E	33	N			0.5	8	SANTA CRUZ ISLANDS
	21	09 49 09.5%	39.131	N	27.713	E	10	G			0.5	6	TURKEY. MD 2.7 (ISK).
	21	09 53 14.0%	43.034	N	13.705	E	10	G			1.3	9	CENTRAL ITALY
	21	10 04 34.9?	39.08	N	27.69	E	10	G			0.6	4	TURKEY. MD 2.4 (ISK).
	21	10 17 26.6&	58.955	N	154.275	W	112					29	ALASKA PENINSULA. <AGS-P>.
	21	10 21 09.6?	14.69	S	75.54	W	33	N			0.8	6	NEAR COAST OF PERU
	21	10 32 00.0*	18.663	S	178.009	W	527	*	4.9		1.1	30	FIJI ISLANDS REGION
	21	10 32 47.4%	39.088	N	27.679	E	10	G			0.5	6	TURKEY. MD 2.4 (ISK).
	21	10 33 50.4%	17.151	N	100.407	W	33	N			1.1	5	GUERRERO, MEXICO
	21	10 34 31.5&	62.979	N	150.720	W	97					31	CENTRAL ALASKA. <AGS-P>.
	21	10 47 47.9*	5.011	S	151.178	E	40	?	4.6		1.4	17	NEW BRITAIN REGION
	21	10 56 30.8	37.635	N	72.131	E	33	N	4.7		1.0	27	TAJIK SSR
	21	13 16 29.2*	37.801	N	73.424	E	33	N	4.5		1.2	7	TAJIK SSR
	21	13 18 46.9	3.075	S	136.460	E	33	N	5.1	4.2	1.2	20	WEST IRIAN
	21	13 24 11.0&	61.243	N	151.407	W	64		4.4			79	SOUTHERN ALASKA. <AGS-P>. Felt (III) at Ancharage and (II) at Palmer.
	21	13 44 24.4%	42.961	N	13.461	E	10	G			1.4	9	CENTRAL ITALY
a	21	15 10 43.7	3.989	S	77.274	W	116	D	5.7		0.8	298	PERU-ECUADOR BORDER REGION
	21	15 21 02.1?	11.87	S	114.24	E	33	N			1.3	5	SOUTH OF BALI ISLAND
	21	15 36 41.6%	39.106	N	27.696	E	10	G			0.2	5	TURKEY. MD 2.4 (ISK).
	21	16 04 22.2?	0.41	S	124.32	E	33	N	4.7	3.4	1.2	6	MOLUCCA SEA
	21	16 05 19.5	23.789	N	121.574	E	14		3.6		0.4	9	TAIWAN
	21	16 18 30.3%	48.101	N	0.725	W	10	G			0.5	10	FRANCE. ML 2.7 (LDG).
	21	16 44 31.1?	30.48	N	82.16	E	33	N			0.4	6	TIBET
	21	17 13 38.6?	43.03	N	0.25	E	10	G			0.7	4	FRANCE
	21	17 16 58.7&	36.140	N	120.240	W	10					15	CENTRAL CALIFORNIA. <BRK>. ML 2.9 (BRK).
	21	17 19 23.6%	38.168	N	29.456	E	10	G			1.2	6	TURKEY. MD 3.1 (ISK).
	21	17 36 56.8?	31.49	S	69.56	W	130	G			0.6	6	SAN JUAN PROVINCE, ARGENTINA
	21	18 02 01.5*	13.430	S	166.060	E	79	*	4.4		0.8	9	VANUATU ISLANDS
a	21	19 05 47.7	20.894	S	177.939	W	498	D	5.3		1.0	135	FIJI ISLANDS REGION
	21	20 02 41.8&	60.325	N	151.776	W	62					31	KENAI PENINSULA, ALASKA. <AGS-P>.
	21	20 43 17.2?	15.07	N	60.56	W	32	*			0.1	6	LEEWARD ISLANDS. ML 3.1 (FDF).
	21	20 51 45.7*	0.619	N	126.631	E	33	N	4.9		1.4	26	MOLUCCA PASSAGE
	21	21 18 25.3*	37.510	N	71.154	E	33	N	3.5		0.3	8	AFGHANISTAN-USSR BORDER REGION
	21	22 44 56.5&	63.227	N	150.984	W	14					26	CENTRAL ALASKA. <AGS-P>.
a	21	22 53 33.6	8.911	S	123.843	E	122	D	5.0		1.3	51	FLORES ISLAND REGION
	21	22 58 18.9?	31.53	S	69.29	W	131	?			1.5	9	SAN JUAN PROVINCE, ARGENTINA
	21	23 19 27.8?	3.61	S	130.91	E	33	N	4.4	3.4	1.2	5	CERAM
	22	01 12 37.6*	42.694	N	3.279	W	10	G			1.2	9	SPAIN. ML 2.8 (LDG). mbLg 2.6 (MDD).
	22	01 25 47.3*	17.813	S	72.192	W	33	N	4.5		0.8	7	NEAR COAST OF PERU
	22	02 11 17.4	44.067	N	7.216	E	6				0.5	33	NORTHERN ITALY. ML 3.0 (LDG), 2.9 (GEN). MD 2.5 (STR).
	22	03 50 20.3	36.933	N	49.298	E	10	G	4.7		1.0	52	WESTERN IRAN
	22	05 14 52.2*	6.032	S	128.204	E	270	?	4.7		0.8	14	BANDA SEA
	22	05 50 27.1?	46.58	N	15.69	E	10	G			0.5	7	YUGOSLAVIA. ML 1.9 (ZAG).
	22	06 03 25.7*	17.826	S	178.779	W	553	?	4.7		0.9	20	FIJI ISLANDS REGION
	22	06 12 00.1?	17.21	N	121.05	E	33	N	4.5		1.4	7	LUZON, PHILIPPINE ISLANDS
	22	07 20 48.0?	47.86	N	1.35	W	10	G			0.7	5	FRANCE. ML 2.3 (LDG).
	22	07 57 53.2&	58.969	N	136.940	W	10	G	3.7			36	SOUTHEASTERN ALASKA. <PGC-P>. ML 4.0 (PGC), 4.5 (PMR). Felt strongly at Haines. Also felt at Juneau. Felt (IV) at Pleosont Camp, British Columbia and mildly at Whitehorse, Yukon Territory.
	22	09 10 19.4	44.576	N	20.966	E	10	G			1.1	6	YUGOSLAVIA. MG 2.9 (BEO). Felt in the Smederevo area.
	22	09 45 52.0%	23.191	N	122.062	E	10	G			0.5	7	TAIWAN REGION
	22	10 19 32.3?	27.06	S	26.52	E	5	G			0.5	6	REPUBLIC OF SOUTH AFRICA. ML 3.8 (PRE). mbLg 3.4 (BUL).
	22	10 32 41.0*	20.954	S	68.118	W	115	*			1.3	7	CHILE-BOLIVIA BORDER REGION
	22	11 15 35.5&	63.196	N	151.656	W	10					25	CENTRAL ALASKA. <AGS-P>.
	22	11 42 11.7%	38.598	N	14.516	E	19				0.7	12	SICILY
	22	11 46 00.4&	58.184	N	142.942	W	10	G				15	GULF OF ALASKA. <AGS-P>.
	22	12 09 23.4&	66.293	N	144.421	W	0					7	ALASKA. <AGS-P>.
	22	12 21 35.1*	13.740	N	121.029	E	33	N	5.1		1.3	24	MINDORO, PHILIPPINE ISLANDS
	22	12 41 41.6	43.884	N	20.388	E	10	G			1.0	31	YUGOSLAVIA. ML 3.0 (TTG).
	22	13 34 48.3?	18.48	N	142.92	E	33	N			0.2	5	MARIANA ISLANDS REGION
	22	14 02 01.9%	16.260	N	61.394	W	10	G			0.4	6	LEEWARD ISLANDS. ML 2.6 (FDF). Felt (II) at Gosier and St. Anne, Guadeloupe.
a	22	14 35 22.2	16.244	S	173.153	W	31	D	5.4	5.2	1.1	135	TONGA ISLANDS
	22	17 26 26.4?	5.33	S	148.61	E	110	?	4.3		0.7	6	NEW BRITAIN REGION
	22	18 40 36.7&	59.809	N	151.856	W	62					44	KENAI PENINSULA, ALASKA. <AGS-P>.
	22	18 44 36.6&	63.388	N	147.464	W	70					38	CENTRAL ALASKA. <AGS-P>.

	22	18	55	07.0&	37.692	N	122.513	W	10				9	CENTRAL CALIFORNIA. <BRK>. ML 2.4 (BRK). Felt at Daly City, San Francisco and South San Francisco.
	22	20	38	53.8?	20.38	N	97.60	E	33	N		0.2	4	BURMA. Felt in Muang District, Thailand.
	22	21	10	56.0?	43.34	N	0.67	W	10	G		1.7	4	PYRENEES. ML 2.5 (LDG).
	22	22	17	44.6*	51.617	N	7.658	E	10	G		0.3	7	GERMANY. ML 2.5 (BNS).
	22	22	53	31.2*	15.157	S	173.578	W	33	N	4.8 4.5	1.0	20	TONGA ISLANDS
	22	23	00	12.2%	42.821	N	13.738	E	10	G		1.4	8	CENTRAL ITALY
	22	23	51	28.1%	44.349	N	6.236	E	10	G		0.4	5	FRANCE. ML 2.1 (LDG).
	22	23	51	47.5?	16.28	N	145.22	E	33	N	4.9	0.4	7	MARIANA ISLANDS
	23	00	10	59.9*	15.546	N	147.706	E	33	N	4.5	1.0	17	MARIANA ISLANDS REGION
	23	00	35	27.6?	34.16	S	72.36	W	10	G		0.7	8	NEAR COAST OF CENTRAL CHILE
	23	01	34	48.2	39.512	N	75.506	W	10	G		0.3	12	CHESAPEAKE BAY REGION. mbLg 2.9 (NEIS). MD 3.2 (NED). Felt (V) at Deepwater and Quinton; (IV) at Greenwich, Hancocks Bridge, Harrisonville, Salem, Shiloh and Woodstown; (III) at Bridgeton, Derrfield Street, Glassboro, Paulsboro, Penns Grove, Pennsauken, Pennsville, Vineland and Williamstown, New Jersey. Also felt (IV) at Bear, Claymont, Delaware City, New Castle, Odessa, Port Penn, Saint Georges and Smyrna, Delaware. Felt (IV) at Concordville and (III) at Chester and Lansdowne, Pennsylvania.
	23	02	32	46.4?	63.34	N	151.12	W	33	N		1.6	4	CENTRAL ALASKA
a	23	04	08	00.5	21.940	S	179.390	W	592		5.3	1.0	134	FIJI ISLANDS REGION
	23	05	59	33.5%	39.047	N	27.756	E	10	G		0.5	5	TURKEY. MD 2.9 (ISK).
	23	06	34	26.0	44.323	N	6.746	E	10	G		0.7	10	FRANCE. ML 2.2 (GEN).
	23	08	49	12.5&	38.733	N	111.525	W	1				5	UTAH. <SLC-P>. CL 3.2 (SLC).
	23	09	05	46.4&	60.817	N	151.238	W	59				29	KENAI PENINSULA, ALASKA. <AGS-P>.
	23	09	13	04.2*	3.120	N	75.282	W	33	N	4.2	1.5	15	COLOMBIA. Felt at Florencia.
	23	10	01	47.3?	42.18	N	13.40	E	10	G		0.2	4	CENTRAL ITALY
	23	10	27	39.4%	37.890	N	12.773	E	10	G		1.3	5	SICILY
	23	10	52	33.1	10.072	N	104.004	W	10	G	4.6 4.5	0.8	28	OFF COAST OF MEXICO
	23	11	23	58.8	16.580	S	173.522	W	93	D	5.0	1.1	59	TONGA ISLANDS
	23	11	35	19.0&	19.274	N	155.372	W	7				46	HAWAII. <HVO-P>. MD 4.1 (HVO). Felt at Pahala.
	23	14	30	41.0*	20.113	S	133.636	E	5	G		1.3	5	NORTHERN TERRITORY, AUSTRALIA. ML 2.8 (QIS).
a	23	15	14	29.4	5.604	S	153.925	E	59		5.4	0.9	120	NEW IRELAND REGION
	23	15	14	46.6&	60.237	N	152.707	W	101				31	SOUTHERN ALASKA. <AGS-P>.
	23	15	32	16.5?	40.29	N	28.12	E	5	G		0.4	4	TURKEY. MD 2.6 (ISK).
	23	17	17	39.0&	61.820	N	150.606	W	49				37	SOUTHERN ALASKA. <AGS-P>.
	23	17	26	24.3?	5.01	S	103.20	E	63	?	4.0	0.3	9	SOUTHERN SUMATERA
	23	19	08	25.5	19.160	S	177.564	W	624		4.9	0.9	69	FIJI ISLANDS REGION
	23	20	01	57.4?	0.03	N	79.67	W	10	G		0.3	7	NEAR COAST OF ECUADOR
	23	20	14	56.8	30.833	S	178.065	W	16	*	5.4 4.0	1.2	42	KERMADEC ISLANDS
	23	22	18	50.6&	60.236	N	153.056	W	133				70	SOUTHERN ALASKA. <AGS-P>.
	24	00	12	06.9?	40.53	N	15.65	E	10	G		0.4	4	SOUTHERN ITALY
	24	01	09	07.1?	18.64	N	67.05	W	10	G		0.1	5	MONA PASSAGE
	24	02	19	04.2*	38.711	N	21.917	E	10	G		0.3	5	GREECE. MD 3.0 (ATH).
	24	02	20	41.9&	47.531	N	120.189	W	12				48	WASHINGTON. <SEA>. CL 2.8 (SEA).
	24	02	38	17.1%	45.885	N	0.448	E	10	G		0.7	9	FRANCE. ML 2.5 (LDG).
	24	03	28	05.7*	46.306	N	15.573	E	10	G		0.4	6	YUGOSLAVIA. MD 2.3 (LJU), 2.2 (TRI).
	24	03	51	25.7	45.835	N	12.220	E	10	G		1.4	13	NORTHERN ITALY. ML 2.9 (VIE).
	24	04	07	04.1	3.132	S	142.196	E	33	N	5.1	0.9	23	NEAR N COAST OF PAPUA NEW GUINEA
	24	04	22	38.9%	46.946	N	0.447	E	10	G		0.5	14	FRANCE. ML 3.0 (LDG).
	24	06	04	42.7&	60.014	N	152.385	W	78				36	SOUTHERN ALASKA. <AGS-P>.
	24	06	15	12.9&	38.048	N	119.152	W	10				9	CALIFORNIA-NEVADA BORDER REGION. <BRK>. ML 2.2 (BRK). Foreshock.
a	24	06	15	20.7&	38.047	N	119.157	W	12		5.4 5.2		140	CALIFORNIA-NEVADA BORDER REGION. <BRK>. ML 5.7 (BRK), 5.6 (PAS). Mo=2.0*10**17 Nm (BRK). Felt (V) at Avery, Bear Valley, Big Creek, Bridgeport, El Portal, June Lake, Kirkwood, Lee Vining, Mammoth Lakes, Mono City, Murphys, North Fork, Pioneer, Pinecrest, Tuolumne, Twin Bridges and Wilseyville, California. Rockslides blocked roads in parts of Yosemite National Park. Felt throughout much of northern and central California and in western Nevada.
	24	06	19	07.0&	38.048	N	119.088	W	21				6	CALIFORNIA-NEVADA BORDER REGION. <BRK>. ML 3.3 (BRK).
	24	06	27	13.0&	38.055	N	119.147	W	8				8	CALIFORNIA-NEVADA BORDER REGION. <BRK>. ML 2.9 (BRK).
	24	06	32	24.2&	38.063	N	119.158	W	5				6	CALIFORNIA-NEVADA BORDER REGION. <BRK>. ML 2.5 (BRK).
	24	06	55	36.6*	3.165	S	142.076	E	40	*	5.2 4.1	1.3	16	NEAR N COAST OF PAPUA NEW GUINEA
	24	06	58	05.0&	38.042	N	119.162	W	2				6	CALIFORNIA-NEVADA BORDER REGION. <BRK>. ML 2.5 (BRK).
	24	08	20	04.3&	38.310	N	88.990	W	5	G			33	SOUTHERN ILLINOIS. <SLM-P>. mbLg 3.5 (NEIS), 3.2 (TUL). MD 3.4 (SLM). Felt (IV) at Bluford, Dix, Richview, Tamaroa and Woodlawn; (III) at Centralia, Dohlgren, Irvington, Johnsonville, Kell, McLeansboro, Murphysboro, Radom and Texico.
	24	08	32	03.7%	44.371	N	7.381	E	10	G		0.3	7	NORTHERN ITALY. ML 1.9 (GEN).
	24	08	44	48.7&	38.028	N	119.157	W	1				7	CALIFORNIA-NEVADA BORDER REGION. <BRK>. ML 2.6 (BRK).
	24	10	02	27.6%	17.085	N	62.109	W	10	G		0.4	5	LEEWARD ISLANDS. ML 2.9 (FDF).
	24	11	00	56.6?	25.90	N	109.94	W	10	G	3.4	0.9	9	GULF OF CALIFORNIA
	24	11	16	44.9	39.847	N	30.251	E	26		4.4 3.3	0.8	44	TURKEY. MD 4.4 (ISK). Felt at Bursa and Eskisehir.
	24	11	27	10.2	36.395	N	140.529	E	102		4.5	1.1	34	NEAR EAST COAST OF HONSHU, JAPAN
	24	11	50	54.4?	40.84	N	28.13	E	5	G		0.6	4	TURKEY. MD 2.1 (ISK).
	24	11	51	46.7	44.773	N	10.311	E	12			1.1	67	NORTHERN ITALY. MD 3.5 (TRI). ML 3.5 (LDG).
a	24	12	18	16.4	15.794	S	172.112	W	32	D	5.3 4.9	1.0	122	SAMOA ISLANDS REGION
	24	12	54	46.2&	59.986	N	151.049	W	40				36	KENAI PENINSULA, ALASKA. <AGS-P>.
	24	13	09	23.2&	38.047	N	119.142	W	11				7	CALIFORNIA-NEVADA BORDER REGION. <BRK>. ML 3.0 (BRK).
	24	14	20	53.8?	0.13	N	79.89	W	33	N		0.6	7	NEAR COAST OF ECUADOR
	24	14	31	48.5*	10.954	N	73.675	W	77	*		1.1	16	NORTHERN COLOMBIA. Felt at Cartagena, Santa Marta and Barranquilla.
	24	14	35	30.0%	60.138	N	4.881	E	10	G		0.5	8	SOUTHERN NORWAY. MD 2.1 (BER).
	24	14	57	58.1	73.361	N	54.707	E	0	G	5.7 4.0	0.9	423	NOVAYA ZEMLYA
	24	15	11	26.3%	60.114	N	4.886	E	10	G		0.6	7	SOUTHERN NORWAY. MD 2.2 (BER).
	24	15	28	56.6?	24.66	N	121.60	E	10	G		0.5	4	TAIWAN
	24	16	15	18.0	38.389	N	21.412	E	16		4.2	1.2	80	GREECE. ML 4.1 (ATH).

	24	18	48	35.0%	42.952	N	13.573	E	10	G		0.9	9	CENTRAL ITALY
	24	19	11	33.7&	61.559	N	152.257	W	125				61	SOUTHERN ALASKA. <AGS-P>.
	24	19	40	56.0%	46.241	N	2.690	E	10	G		0.3	5	FRANCE. ML 1.9 (MDG).
	24	19	57	30.1*	23.978	N	122.816	E	10	G	4.2 3.7	1.0	10	TAIWAN REGION
	24	20	20	02.0*	24.034	N	122.688	E	10	G	4.1	1.1	11	TAIWAN REGION
	24	20	26	02.7%	40.271	N	27.352	E	10	G		0.9	9	TURKEY. MD 2.9 (ISK).
	24	20	56	30.1?	19.90	N	144.23	E	454	*	4.8	0.6	14	MARIANA ISLANDS
	24	21	12	46.0&	63.431	N	150.949	W	14				23	CENTRAL ALASKA. <AGS-P>.
	24	21	47	15.3	6.958	S	130.999	E	33	N	4.9	1.2	45	BANDA SEA
	24	23	09	42.3	33.544	N	141.063	E	58	*	5.1	1.0	29	OFF EAST COAST OF HONSHU, JAPAN
	24	23	32	50.8	49.149	N	6.962	E	10	G		0.8	16	GERMANY. MD 2.8 (STR).
a	24	23	38	15.1	44.117	N	83.856	E	20	D	5.2 4.8	0.9	185	NORTHERN XINJIANG, CHINA
	24	23	46	57.6	44.119	N	83.876	E	22	D	5.3 4.6	0.9	229	NORTHERN XINJIANG, CHINA
	25	00	15	22.2&	47.576	N	122.689	W	18				54	WASHINGTON. <SEA>. CL 2.6 (SEA).
	25	00	41	59.9*	39.823	N	143.806	E	33	N	4.3	0.6	6	OFF EAST COAST OF HONSHU, JAPAN
	25	00	59	01.7	51.552	N	7.480	E	10	G		1.1	30	GERMANY. ML 3.2 (LDG), 3.0 (BNS).
	25	01	03	33.9%	40.797	N	28.191	E	10	G		0.8	5	TURKEY. MD 2.1 (ISK).
	25	01	09	37.5%	43.466	N	12.714	E	10	G		0.2	6	CENTRAL ITALY
	25	01	37	16.7	35.098	N	3.947	W	10	G		1.2	14	STRAIT OF GIBRALTAR. mbLg 3.2 (MDD).
	25	02	53	43.8	58.021	N	32.349	W	10	G	4.4 4.0	0.9	34	NORTH ATLANTIC OCEAN
	25	03	00	49.9&	33.520	N	116.500	W	16				23	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS). Felt (III) at Warner Springs and (II) at Palm Springs. Also felt at Cathedral City, Palm Desert and Rancho Mirage.
a	25	03	24	09.1	23.830	N	108.715	W	10	G	5.0 5.1	1.3	86	GULF OF CALIFORNIA
	25	04	52	06.0*	76.243	N	8.409	E	10	G	4.6	1.5	16	SVALBARD REGION
a	25	04	53	59.9	35.121	N	70.486	E	114	G	6.0	1.0	444	HINDU KUSH REGION. Eleven people killed, more then 250 injured and damage in the Chitral-Mardan-Malakand area, Pakistan. Felt throughout northern and central Pakistan. Also felt in northwestern India. Felt (IV) at Ishkashim; (III) at Andizhon, Dushanbe, Dzhirgotal, Fergana, Kharog, Kulyab, Nurek and Tashkent; (II) at Samarkand, USSR. Depth from broadband displacement seismograms.
	25	04	57	28.2&	63.196	N	150.479	W	120				36	CENTRAL ALASKA. <AGS-P>.
	25	06	05	41.1&	57.375	N	150.382	W	0	G			38	GULF OF ALASKA. <AGS-P>.
	25	06	25	25.5	43.794	N	98.472	W	5	G	3.6	1.1	33	SOUTH DAKOTA. mbLg 3.9 (NEIS), 3.9 (TUL), 3.8 (OTT). Felt (V) at Mount Vernan; (IV) at Gann Valley, Plankinton and White Lake; (III) at Alpena, Arlington, Carsica, Freeman, Geddes, Gregory, Harrison, Kimball, Lane, Letcher, Lower Brule, Marty, Miller, Oacoma, Pukwana, Stickney and Waonsacket.
	25	06	45	08.7&	40.705	N	124.738	W	18				6	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.1 (BRK).
	25	07	28	24.1*	51.841	N	156.716	E	33	N	4.7	1.1	23	KAMCHATKA
	25	09	05	25.4*	24.174	S	179.731	W	538	?	5.0	1.1	29	SOUTH OF FIJI ISLANDS
	25	09	33	14.5	14.100	N	92.323	W	59	*	4.6 3.7	1.2	35	NEAR COAST OF CHIAPAS, MEXICO
	25	10	14	36.6%	40.849	N	28.320	E	10	G		0.6	6	TURKEY. MD 2.6 (ISK).
f	25	11	01	38.7	8.307	N	126.462	E	44	G	5.9 6.1	1.1	344	MINDANAO, PHILIPPINE ISLANDS. Ms 5.7 (PAS). Mo=5.0*10**18 Nm (PPT). Some minor damage reported on Mindanao. Depth from broadband displacement seismograms.
	25	11	27	57.8	36.304	N	5.874	W	10	G		1.4	10	STRAIT OF GIBRALTAR. mbLg 2.2 (MDD).
	25	13	39	23.6*	44.227	N	7.592	E	10	G		0.7	9	NORTHERN ITALY. ML 2.4 (LDG).
	25	14	09	39.9?	39.13	N	27.57	E	10	G		0.2	4	TURKEY. MD 2.6 (ISK).
	25	14	15	29.3	28.307	N	54.198	E	45	*	4.7 4.0	1.1	72	SOUTHERN IRAN
	25	14	32	42.8	38.591	N	25.541	E	10	G		1.2	12	AEGEAN SEA. ML 4.0 (ATH). MD 3.5 (ISK).
	25	15	15	01.2%	41.341	N	16.041	E	10	G		1.3	5	SOUTHERN ITALY
	25	15	51	16.1	43.445	N	5.438	E	8			0.5	14	NEAR SOUTH COAST OF FRANCE. MD 2.5 (STR).
	25	16	31	54.5&	62.801	N	149.747	W	78				34	CENTRAL ALASKA. <AGS-P>.
a	25	16	33	33.4	6.189	S	154.960	E	142	G	5.8	1.0	253	SOLOMON ISLANDS. Mo=1.6*10**18 Nm (PPT). Depth from broadband displacement seismograms.
	25	16	37	11.1%	44.148	N	8.192	E	10	G		0.4	5	NORTHERN ITALY. ML 1.8 (GEN).
	25	16	54	43.6	49.430	N	8.156	E	10	G		0.6	7	GERMANY. ML 2.8 (LDG).
	25	17	00	06.8	41.278	N	29.345	E	10	G		0.8	9	TURKEY. MD 2.9 (ISK).
	25	17	29	17.5*	35.846	N	140.002	E	110	*	4.3	1.1	11	NEAR EAST COAST OF HONSHU, JAPAN
	25	17	36	20.2*	11.141	S	162.121	E	33	N	4.2	1.1	15	SOLOMON ISLANDS
	25	17	41	48.7	63.069	N	151.005	W	138		4.3	0.9	95	CENTRAL ALASKA. Felt (IV) at Skwentna and (III) at Anchorage. Also felt at Palmer.
	25	17	47	33.0?	38.77	N	30.23	E	10	G		1.8	5	TURKEY. MD 3.1 (ISK).
	25	18	17	09.0*	37.028	N	29.443	E	10	G		0.3	5	TURKEY. MD 3.4 (ISK).
	25	18	38	54.9*	36.948	N	29.424	E	10	G		0.7	6	TURKEY. MD 3.6 (ISK).
	25	18	57	19.3&	60.127	N	150.809	W	37				34	KENAI PENINSULA, ALASKA. <AGS-P>.
	25	19	48	40.3%	16.199	N	61.406	W	10	G		0.3	6	LEEWARD ISLANDS. ML 1.9 (FDF).
	25	20	28	10.8%	41.895	N	13.982	E	10	G		0.6	5	SOUTHERN ITALY
	25	21	10	25.3	19.064	S	169.253	E	245		4.6	0.6	25	VANUATU ISLANDS
	25	21	11	39.3&	38.032	N	119.163	W	10				24	CALIFORNIA-NEVADA BORDER REGION. <BRK>. ML 3.9 (BRK), 3.3 (PAS).
	25	21	56	31.6%	40.746	N	23.185	E	10	G		0.6	7	GREECE
	25	22	11	18.7	33.981	N	25.962	E	34		4.4 3.3	1.4	83	EASTERN MEDITERRANEAN SEA. MD 4.3 (ATH), 4.2 (HLW).
	25	22	45	39.6?	41.40	N	29.44	E	10	G		0.4	4	TURKEY. MD 2.1 (ISK).
	26	00	09	26.1	34.094	N	25.821	E	28		4.2	1.2	34	CRETE. MD 4.2 (ATH).
	26	00	17	50.5	33.979	N	25.941	E	31		4.5 3.9	1.3	119	EASTERN MEDITERRANEAN SEA. ML 4.3 (ATH). MD 4.2 (HLW).
	26	01	43	37.5?	43.85	N	13.05	E	10	G		0.9	5	CENTRAL ITALY
	26	02	02	22.8?	9.76	S	124.27	E	10	G	3.6	1.1	5	TIMOR
	26	02	11	06.0*	25.715	N	94.929	E	75	?		1.5	12	BURMA-INDIA BORDER REGION
	26	03	22	47.9	44.340	N	114.168	W	5	G		0.4	13	WESTERN IDAHO. ML 3.4 (BUT).
	26	03	24	59.0%	42.326	N	13.482	E	5	G		1.2	5	CENTRAL ITALY
	26	03	37	27.4	33.795	N	25.921	E	42	*	4.2 3.4	1.3	48	EASTERN MEDITERRANEAN SEA. MD 4.2 (ATH), 4.1 (HLW).
	26	04	22	00.6%	0.045	S	78.406	W	10	G		0.3	8	ECUADOR
	26	05	09	35.7?	61.70	N	4.44	E	10	G		1.1	6	SOUTHERN NORWAY. MD 2.2 (BER).
	26	05	25	11.7*	9.922	S	118.186	E	33	N	4.4	1.4	6	SUMBAWA ISLAND REGION
	26	05	42	03.4*	33.877	N	26.115	E	33	N	3.7	1.5	10	EASTERN MEDITERRANEAN SEA. MD 4.0 (ATH).
a	26	05	49	37.9*	35.143	S	16.426	W	10	G	5.1 5.6	1.2	33	SOUTH ATLANTIC RIDGE
	26	05	58	53.5&	64.852	N	150.629	W	39		3.5		51	CENTRAL ALASKA. <AGS-P>.

	26	06 04 15.7*	35.368	S	16.108	W	10	G	5.1	5.5	1.2	29	SOUTH ATLANTIC RIDGE
	26	06 59 47.6?	1.17	S	77.88	W	33	N			1.1	8	ECUADOR
	26	07 00 18.0?	33.80	S	72.74	W	21				0.5	9	OFF COAST OF CENTRAL CHILE
	26	08 12 52.8?	36.31	N	141.84	E	89	?			1.4	10	NEAR EAST COAST OF HONSHU, JAPAN
	26	10 47 35.0?	39.11	N	27.62	E	10	G			0.6	4	TURKEY. MD 2.4 (ISK).
	26	11 02 15.3&	38.402	N	119.338	W	5					9	CALIFORNIA-NEVADA BORDER REGION. <BRK>. ML 3.1 (BRK).
	26	11 08 49.3	18.772	N	58.965	W	33	N			0.7	18	NORTH ATLANTIC OCEAN
	26	11 57 48.9&	38.037	N	119.160	W	9					16	CALIFORNIA-NEVADA BORDER REGION. <BRK>. ML 3.6 (BRK).
	26	12 56 11.8?	21.31	S	68.43	W	33	N			0.8	5	CHILE-BOLIVIA BORDER REGION
	26	13 04 33.7*	62.720	N	149.329	W	33	N			1.5	5	CENTRAL ALASKA
	26	13 19 08.7%	46.430	N	3.471	E	10	G			0.3	6	FRANCE. ML 2.2 (LDG).
	26	13 22 54.0?	42.68	N	24.09	E	10	G			0.6	10	BULGARIA
	26	13 40 39.5?	8.02	S	129.47	E	191	?	5.4		1.4	7	TIMOR SEA
	26	13 49 46.7?	39.91	N	30.51	E	10	G			1.0	6	TURKEY. MD 2.9 (ISK).
	26	14 21 51.8	43.648	N	7.022	E	11				0.4	15	NEAR SOUTH COAST OF FRANCE. MD 1.7 (STR).
	26	15 11 47.0%	43.095	N	1.013	W	10	G			0.3	7	PYRENEES. MD 1.0 (STR).
	26	16 03 27.6?	33.73	S	72.51	W	33	N			0.5	7	OFF COAST OF CENTRAL CHILE
	26	16 36 37.6%	46.593	N	9.204	E	10	G			0.8	6	SWITZERLAND
a	26	18 17 35.1	56.121	N	110.048	E	21	D	5.1	4.8	0.9	132	LAKE BAIKAL REGION. Felt (V) at Nizhne-Angarsk and Kumora and (III) at Badaybo.
	26	18 20 19.7&	59.974	N	152.821	W	97					39	SOUTHERN ALASKA. <AGS-P>.
	26	18 41 12.6*	50.122	N	19.158	E	10	G			1.2	5	POLAND. ML 3.0 (VKA).
	26	20 00 42.0*	33.687	S	71.593	W	10	G			0.6	7	NEAR COAST OF CENTRAL CHILE
	26	20 06 59.6*	56.136	S	27.737	W	110	G	4.9		1.0	17	SOUTH SANDWICH ISLANDS REGION
	26	21 07 27.0?	9.79	S	121.74	E	33	N	5.0		1.3	7	SAVU SEA
	26	21 40 53.3*	29.711	N	50.845	E	33	N	4.6		1.3	14	SOUTHERN IRAN
	26	22 18 09.1	28.355	N	52.400	E	26	*	4.6		1.3	45	SOUTHERN IRAN
	26	23 07 16.6	43.816	N	110.163	W	5	G			0.5	13	WYOMING. ML 3.0 (BUT).
	26	23 53 18.4?	1.14	N	129.12	E	33	N	4.7		1.1	8	HALMAHERA
	26	23 56 15.9?	45.99	N	27.34	E	33	N			0.7	6	ROMANIA
	27	00 27 34.7*	21.384	S	67.916	W	292	?			0.3	7	CHILE-BOLIVIA BORDER REGION
	27	01 13 25.4	40.500	N	19.558	E	16		4.0		1.2	73	ALBANIA. ML 4.3 (ATH). Felt (V) at Vlare, Brataj and Sevaster; (IV) at Sinanaj, Dhemblan and Kalivac; (III) at Tepelina.
	27	02 15 30.2	39.034	N	29.923	E	10				1.3	13	TURKEY. MD 3.5 (ISK).
	27	03 01 16.1?	46.25	N	2.77	E	10	G			0.7	4	FRANCE
	27	03 42 13.2*	37.139	N	71.759	E	33	N	5.0		0.5	7	AFGHANISTAN-USSR BORDER REGION
	27	03 43 16.1*	37.017	N	29.467	E	10	G			0.4	4	TURKEY
	27	03 50 39.4?	18.02	N	101.64	W	33	N			1.1	7	GUERRERO, MEXICO
	27	03 59 39.1*	45.039	N	146.182	E	144	?	4.7		0.9	67	KURIL ISLANDS
	27	04 02 46.2?	22.54	S	63.77	W	543	?			1.5	8	SALTA PROVINCE, ARGENTINA
	27	04 35 38.0?	40.28	N	23.93	E	10	G			1.1	5	GREECE
	27	06 43 10.3&	59.110	N	152.503	W	82					16	SOUTHERN ALASKA. <AGS-P>.
	27	07 30 11.6?	31.37	S	178.96	W	503	?	4.8		1.3	23	KERMADEC ISLANDS REGION
	27	07 50 37.2&	63.079	N	150.054	W	100					39	CENTRAL ALASKA. <AGS-P>.
	27	08 59 03.3%	41.688	N	27.619	E	10	G			1.1	6	TURKEY. MD 2.2 (ISK).
	27	09 05 58.7%	40.427	N	15.472	E	9				1.1	10	SOUTHERN ITALY
	27	09 22 56.3?	0.83	N	78.55	W	10	G			0.2	7	COLOMBIA-ECUADOR BORDER REGION. Felt (IV) at Otavala, Ecuador.
	27	09 41 08.8?	44.17	N	7.77	E	10	G			0.4	5	NORTHERN ITALY. ML 2.2 (LDG).
	27	10 12 19.2%	0.310	N	78.359	W	10	G			0.4	5	COLOMBIA-ECUADOR BORDER REGION
	27	10 38 21.4?	39.11	N	27.58	E	10	G			1.1	4	TURKEY. MD 2.4 (ISK).
	27	11 26 45.1?	0.15	N	77.88	W	10	G			0.2	6	COLOMBIA-ECUADOR BORDER REGION
	27	11 29 27.6%	40.237	N	29.230	E	10	G			0.8	6	TURKEY. MD 2.4 (ISK).
	27	12 21 41.4	38.094	N	22.053	E	83	?			0.7	18	GREECE
	27	12 22 18.1	45.380	N	6.559	E	10	G			0.3	9	FRANCE. ML 2.5 (GEN).
	27	12 47 20.3	18.321	N	63.304	W	63	D	5.2		0.8	162	LEEWARD ISLANDS. Felt (IV) an St. Martin and (II) on Guadeloupe. Felt on St. Barthelemy. Also felt at Roosevelt Roads, Puerto Rico.
	27	13 25 25.9	44.204	N	10.881	E	17				1.1	46	NORTHERN ITALY. ML 3.3 (LDG). MD 3.0 (TRI).
	27	14 04 41.8*	34.154	N	139.336	E	10	G	4.6	3.9	1.2	18	NEAR S. COAST OF HONSHU, JAPAN
	27	14 49 00.5?	8.45	S	128.13	E	63	?	4.4		1.3	12	TIMOR SEA
	27	15 07 55.0?	0.89	S	129.15	E	33	N	5.0	3.7	1.5	12	HALMAHERA
	27	15 09 02.8?	29.27	N	83.61	E	33	N			0.5	6	NEPAL
	27	15 49 14.0	23.467	S	178.917	E	561		4.9		0.9	80	SOUTH OF FIJI ISLANDS
	27	16 15 49.7*	1.031	S	121.393	E	71	?	4.4		0.7	13	SULAWESI
	27	16 31 21.7	6.750	N	71.949	W	41		5.0	4.3	1.0	111	NORTHERN COLOMBIA. Felt at Bucaramanga.
	27	19 16 53.2	1.494	N	99.033	E	129	*	4.9		1.0	41	NORTHERN SUMATERA
	27	19 52 42.9*	17.292	N	62.313	W	33	N			0.5	7	LEEWARD ISLANDS. ML 3.0 (FDF).
	27	20 51 12.3	43.556	N	7.797	E	10	G			0.3	18	NEAR SOUTH COAST OF FRANCE. ML 2.6 (LDG), 2.5 (GEN).
	27	20 58 37.5?	35.15	S	179.09	W	272	?	4.3		1.2	23	EAST OF NORTH ISLAND, N.Z.
	27	23 59 26.7	41.418	N	4.178	E	33	N			0.8	13	WESTERN MEDITERRANEAN SEA. ML 3.0 (LDG).
	28	01 18 35.6?	14.25	N	90.04	W	185	?	4.5		0.9	10	GUATEMALA
	28	01 34 45.0	7.260	N	72.853	W	184		4.5		0.7	25	NORTHERN COLOMBIA
	28	02 27 44.3*	4.816	S	76.898	W	33	N	4.8		1.4	8	NORTHERN PERU
	28	02 39 27.4?	45.78	N	15.80	E	10	G			0.1	4	YUGOSLAVIA. ML 2.7 (ZAG).
	28	05 09 19.1*	35.855	N	26.155	E	33	N			1.7	7	CRETE. MD 3.2 (ATH).
	28	05 52 34.0	43.540	N	7.805	E	10	G			0.4	17	NEAR SOUTH COAST OF FRANCE. ML 2.3 (GEN), 2.0 (LDG).
	28	06 06 38.3	39.537	N	25.159	E	10	G			0.2	8	AEGEAN SEA. ML 3.2 (ATH).
	28	06 08 28.5%	15.428	N	60.743	W	33	N			1.0	6	LEEWARD ISLANDS. ML 2.8 (FDF).
a	28	06 53 01.2	49.682	N	155.885	E	48	D	5.5	4.8	0.9	294	KURIL ISLANDS. Felt (III) at Severa-Kurilsk.
	28	07 41 09.0	2.662	S	88.362	E	10	G	5.3		1.2	39	SOUTH INDIAN OCEAN
	28	07 48 59.9*	16.684	N	93.777	W	176	*	3.9		1.1	10	CHIAPAS, MEXICO. Felt in Chiapas, Oaxaca, Tabasco and Veracruz.
	28	08 29 32.0&	59.789	N	151.663	W	47					26	KENAI PENINSULA, ALASKA. <AGS-P>.
	28	08 59 37.4*	20.639	S	66.867	W	258	?			1.1	9	SOUTHERN BOLIVIA
	28	09 16 29.2	34.006	N	25.814	E	23	*	4.1		1.2	31	CRETE
	28	09 59 08.6?	39.09	N	27.65	E	10	G			0.2	4	TURKEY. MD 2.1 (ISK).
	28	11 43 38.0*	7.561	S	129.204	E	33	N	4.5		1.2	18	BANDA SEA
	28	12 49 31.9?	40.38	N	27.82	E	10	G			0.2	4	TURKEY. MD 2.1 (ISK).
	28	13 55 23.1&	36.180	N	120.178	W	4					11	CENTRAL CALIFORNIA. <BRK>. ML 2.5 (BRK).
	28	14 24 54.5?	3.83	S	134.87	E	33	N	4.3		0.8	5	WEST IRIAN REGION
	28	14 53 28.8%	41.162	N	28.509	E	10	G			0.7	6	TURKEY. MD 2.3 (ISK).

	28	15	02	38.3*	33.937	N	26.056	E	10	G		0.3	10	EASTERN MEDITERRANEAN SEA. MD 3.8 (ATH).
	28	15	29	21.7?	32.76	N	26.02	E	33	N		0.4	5	EASTERN MEDITERRANEAN SEA
	28	15	47	27.3	35.740	N	22.109	E	73	*	4.0	1.0	31	MEDITERRANEAN SEA. MD 4.1 (ATH).
	28	15	54	22.8*	62.110	N	149.665	W	33	N		1.4	5	CENTRAL ALASKA
	28	15	57	24.6	7.440	S	128.379	E	156		5.4	1.1	113	BANDA SEA
	28	16	03	41.9*	57.911	S	23.151	W	33	N	5.3	0.9	25	SOUTH SANDWICH ISLANDS REGION
	28	16	43	42.2?	17.14	S	178.96	W	522	*	4.3	0.9	9	FIJI ISLANDS REGION
	28	17	12	26.5*	37.103	N	29.834	E	10	G		1.1	5	TURKEY. MD 4.4 (ATH).
	28	17	12	49.5%	33.360	S	71.262	W	33	N		0.6	7	NEAR COAST OF CENTRAL CHILE
	28	17	14	50.9	30.682	N	81.555	E	33	N	4.5 4.0	1.1	22	TIBET
	28	17	56	42.9	10.100	N	93.789	E	33	N	4.6	1.0	16	ANDAMAN ISLANDS REGION
	28	19	33	10.5%	44.553	N	7.615	E	10	G		0.4	5	NORTHERN ITALY. ML 2.1 (GEN).
	28	20	12	30.1*	40.321	N	139.101	E	179	?	4.5	0.3	22	NEAR WEST COAST OF HONSHU, JAPAN
	28	20	46	45.5	34.661	N	24.049	E	67	*	4.3	1.1	19	CRETE. MD 3.9 (ATH).
	28	21	17	29.0*	33.739	S	72.046	W	10	G		0.5	11	OFF COAST OF CENTRAL CHILE
	28	21	40	45.6*	19.967	S	133.572	E	5	G		1.5	8	NORTHERN TERRITORY, AUSTRALIA. ML 3.0 (QIS).
	28	22	55	14.7%	39.947	N	28.747	E	10	G		0.5	8	TURKEY. MD 2.9 (ISK).
	28	22	55	42.6%	39.337	N	15.756	E	10	G		0.9	8	SOUTHERN ITALY
	28	23	15	16.7%	43.898	N	11.784	E	10	G		0.6	5	CENTRAL ITALY
	29	00	11	54.6*	11.428	S	161.196	E	33	N	4.8 3.4	1.1	14	SOLOMON ISLANDS
	29	00	26	00.7*	63.497	S	172.276	E	10	G	5.0 4.5	1.2	11	BALLENY ISLANDS REGION
	29	00	26	12.9	34.183	N	25.618	E	21		4.0	1.3	61	CRETE. ML 4.2 (ATH). MD 4.1 (HLW).
	29	00	39	40.3&	60.701	N	142.944	W	7				42	SOUTHERN ALASKA. <AGS-P>.
	29	01	05	00.4*	15.271	S	173.666	W	42	D	4.9 5.4	0.9	32	TONGA ISLANDS
	29	02	13	00.4	44.602	N	6.911	E	10	G		0.5	28	FRANCE. ML 2.8 (LDG), 2.7 (GEN).
	29	02	21	28.5	18.941	N	102.004	W	99		5.1	1.0	96	MICHOACAN, MEXICO
	29	02	51	20.3&	59.897	N	152.761	W	88				53	SOUTHERN ALASKA. <AGS-P>.
	29	03	17	37.2*	32.574	S	70.122	W	128	?		0.3	11	CHILE-ARGENTINA BORDER REGION
	29	05	23	52.1?	44.54	N	15.40	E	10	G		0.1	5	YUGOSLAVIA. MD 2.4 (LJU), 2.3 (TRI).
	29	05	36	39.3%	16.229	N	61.417	W	33	N		0.1	5	LEEWARD ISLANDS. ML 1.6 (FDF).
o	29	05	47	27.9*	63.653	S	172.650	E	10	G	5.2 4.9	1.1	10	BALLENY ISLANDS REGION
	29	06	19	11.2*	63.490	S	172.361	E	10	G	5.2 5.4	1.2	16	BALLENY ISLANDS REGION
o	29	06	42	41.7*	55.981	S	143.243	W	10	G	5.3 5.2	1.3	21	SOUTH PACIFIC CORDILLERA
	29	06	49	13.3&	59.932	N	152.545	W	80				30	SOUTHERN ALASKA. <AGS-P>.
	29	07	20	21.8	34.019	N	25.482	E	33	N		1.2	13	CRETE. MD 4.0 (ATH).
	29	07	20	27.4&	66.065	N	150.177	W	3				9	ALASKA. <AGS-P>.
	29	08	16	14.1	36.232	N	14.671	E	24		4.5	1.4	110	SICILY
	29	08	21	09.5?	36.69	N	14.60	E	10	G		0.7	8	SICILY
	29	08	31	17.2?	36.62	N	14.62	E	10	G		0.6	9	SICILY
	29	08	52	40.1	40.289	N	77.887	E	33	N	5.1 3.9	0.9	16	KIRGHIZ-XINJIANG BORDER REGION
	29	10	02	17.8%	39.108	N	27.600	E	10	G		0.2	5	TURKEY. MD 2.6 (ISK).
	29	10	04	46.9%	39.103	N	27.603	E	10	G		1.0	5	TURKEY. MD 2.1 (ISK).
	29	10	07	53.2*	15.527	S	167.430	E	127	?	4.8	1.0	34	VANUATU ISLANDS
	29	10	57	19.0%	40.653	N	29.182	E	10	G		0.9	7	TURKEY. MD 2.1 (ISK).
	29	11	18	32.3	44.359	N	10.088	E	10	G		0.8	11	NORTHERN ITALY. ML 2.8 (LDG).
	29	11	24	43.1?	39.51	N	26.46	E	10	G		1.1	4	TURKEY. MD 2.8 (ISK).
	29	11	31	38.6*	36.512	N	141.838	E	16	*	4.6	1.0	15	NEAR EAST COAST OF HONSHU, JAPAN
	29	11	32	54.6	26.521	N	92.405	E	33	N	4.9	0.8	27	EASTERN INDIA. Felt at Gauhati.
	29	12	02	42.9*	66.133	N	154.978	W	33	N		0.9	10	ALASKA
	29	12	38	32.9	41.113	N	23.547	E	10	G		1.4	11	GREECE-BULGARIA BORDER REGION
	29	13	01	26.9?	36.38	N	70.35	E	207	?	4.8	0.5	8	HINDU KUSH REGION
	29	13	27	43.1*	26.293	N	95.750	E	33	N		0.3	7	BURMA-INDIA BORDER REGION
	29	14	21	00.8?	0.54	S	80.80	W	23	*		1.2	13	NEAR COAST OF ECUADOR
	29	15	22	12.4	46.581	N	2.115	E	10	G		0.7	14	FRANCE. ML 2.7 (LDG).
	29	16	53	57.0	8.815	N	126.637	E	75	?	5.0	0.7	22	MINDANAO, PHILIPPINE ISLANDS
	29	18	44	41.6&	59.922	N	153.587	W	139				48	SOUTHERN ALASKA. <AGS-P>.
	29	18	48	03.5	39.992	N	22.419	E	10	G		0.4	9	GREECE
	29	19	16	57.1?	36.69	N	14.48	E	10	G		1.2	5	SICILY
	29	19	57	47.0	40.645	N	29.101	E	10	G		0.9	9	TURKEY. MD 2.6 (ISK).
	29	20	46	37.1	41.668	N	19.694	E	10	G		1.1	15	ALBANIA. ML 2.7 (TTG).
	29	21	59	55.0?	45.52	N	26.43	E	114	?		0.1	5	ROMANIA
	29	22	04	25.2	31.888	S	70.269	W	116		4.5	1.1	25	CHILE-ARGENTINA BORDER REGION
	29	22	26	19.2?	20.67	S	168.73	E	43	?	4.5 3.9	1.0	19	LOYALTY ISLANDS
	29	22	32	31.1*	39.532	N	26.123	E	10	G		1.1	8	TURKEY. MD 3.0 (ISK). ML 2.9 (ATH).
	29	22	58	29.5	39.503	N	26.167	E	10	G		0.6	9	TURKEY. MD 3.3 (ISK), 3.0 (ATH).
	29	23	29	33.9*	9.090	S	108.926	E	33	N	4.9 3.7	0.9	17	SOUTH OF JAVA
	30	00	07	50.0%	45.920	N	2.896	E	10	G		0.3	6	FRANCE. ML 2.0 (LDG).
	30	01	01	00.6	17.451	S	70.236	W	125		4.5	1.3	33	NEAR COAST OF PERU
	30	01	47	25.1&	60.552	N	151.889	W	85				44	KENAI PENINSULA, ALASKA. <AGS-P>.
	30	01	52	08.3?	39.57	N	25.94	E	10	G		0.6	5	AEGEAN SEA. MD 3.1 (ISK).
	30	03	24	02.6?	44.14	N	150.03	E	33	N		0.9	7	KURIL ISLANDS REGION
	30	03	45	22.6	33.341	N	132.080	E	70	*	4.4	1.0	25	SHIKOKU, JAPAN
	30	04	05	16.8*	14.694	N	146.894	E	41	D	5.6	1.1	23	MARIANA ISLANDS
	30	04	29	02.4*	21.829	S	170.036	E	33	N	5.0 4.0	1.4	29	LOYALTY ISLANDS REGION
	30	06	55	52.7*	37.136	N	89.621	W	5	G		1.2	5	CAPE GIRARDEAU, MISSOURI REGION. mbLg 2.3 (NEIS). Felt at New Hamburg and in the Cape Girardeau area.
o	30	07	30	06.5	3.796	N	123.235	E	551		5.3	0.9	85	CELEBES SEA
	30	07	49	40.0	37.021	N	29.526	E	22	*		0.9	7	TURKEY. MD 3.4 (ISK).
	30	08	27	47.6	39.151	N	20.570	E	14			1.2	27	GREECE-ALBANIA BORDER REGION. ML 3.7 (ATH).
	30	08	31	34.7*	38.533	N	25.324	E	10	G		1.0	5	AEGEAN SEA
	30	09	02	04.5%	41.421	N	29.347	E	10	G		0.6	7	TURKEY. MD 2.6 (ISK).
	30	09	03	06.4%	41.449	N	29.340	E	10	G		0.5	6	TURKEY. MD 2.6 (ISK).
	30	09	05	10.4%	39.070	N	27.649	E	10	G		0.6	5	TURKEY. MD 2.5 (ISK).
	30	09	46	52.8*	36.745	N	71.890	E	33	N	4.7	0.6	7	AFGHANISTAN-USSR BORDER REGION
	30	11	05	22.9	10.396	S	124.137	E	19	*	4.6	0.7	15	TIMOR
	30	12	30	36.3	63.013	N	24.514	W	5	G	4.8 4.5	1.1	42	ICELAND REGION
	30	12	54	46.6*	63.102	N	24.671	W	5	G	4.7 3.9	1.1	25	ICELAND REGION
	30	13	01	30.9?	3.15	S	78.93	W	113	?		0.5	7	PERU-ECUADOR BORDER REGION
	30	13	07	10.0	63.045	N	24.588	W	5	G	4.7 4.1	1.2	33	ICELAND REGION
	30	13	35	52.0*	63.347	N	24.466	W	5	G	5.1 4.0	0.6	11	ICELAND REGION
	30	13	57	55.1	63.252	N	24.509	W	5	G	4.9 4.2	1.2	40	ICELAND REGION
o	30	14	03	35.6	63.116	N	24.302	W	5	G	4.9 4.4	1.3	70	ICELAND REGION
	30	14	40	02.0	39.521	N	26.162	E	6			1.2	15	TURKEY. MD 3.7 (ISK), 3.2 (ATH).

	30	15 47 30.5*	63.303	N	24.148	W	5	G	4.7	4.2	0.6	12	ICELAND REGION
	30	16 01 23.8*	21.401	N	121.742	E	33	N			0.4	8	TAIWAN REGION
	30	17 11 32.7	37.788	N	20.611	E	10	G			1.3	26	IONIAN SEA. ML 3.7 (ATH).
	30	17 22 25.7&	61.601	N	149.837	W	38					40	SOUTHERN ALASKA. <AGS-P>.
	30	17 38 30.9	24.030	N	121.571	E	18	*			0.2	7	TAIWAN
	30	18 24 14.5	34.835	N	140.077	E	141		4.9		0.5	18	NEAR EAST COAST OF HONSHU, JAPAN
	30	19 09 34.0*	12.566	N	48.253	E	10	G	4.7	4.3	1.2	13	EASTERN GULF OF ADEN
	30	19 15 49.9	63.234	N	24.308	W	5	G	4.8	4.3	1.1	62	ICELAND REGION
	30	19 41 52.8*	44.612	N	12.595	E	10	G			1.2	7	NORTHERN ITALY. ML 2.9 (VIE). MD 2.6 (TRI).
	30	20 08 56.5	38.070	N	21.749	E	10	G			1.4	14	GREECE. ML 3.2 (ATH).
	30	20 40 09.0*	51.197	N	15.973	E	10	G			1.0	7	POLAND. ML 3.4 (GRF), 3.2 (VKA).
	30	21 23 36.7	63.224	N	24.405	W	5	G	4.7	4.4	1.1	31	ICELAND REGION
	30	21 41 08.6&	60.069	N	152.045	W	67					29	SOUTHERN ALASKA. <AGS-P>.
	30	21 43 36.9&	59.342	N	150.555	W	19					26	KENAI PENINSULA, ALASKA. <AGS-P>.
	30	22 10 29.5&	59.863	N	153.430	W	131					35	SOUTHERN ALASKA. <AGS-P>.
	30	23 08 59.8*	40.085	S	78.294	E	10	G	4.7	4.9	0.5	10	MID-INDIAN RISE
	30	23 10 04.6*	63.197	N	24.378	W	5	G	4.6	3.6	1.3	19	ICELAND REGION
	31	00 43 46.9*	31.573	S	70.190	W	120	G			0.5	13	CHILE-ARGENTINA BORDER REGION
	31	00 51 43.3	63.221	N	24.352	W	5	G	5.0	4.2	1.2	63	ICELAND REGION
	31	01 03 06.9&	34.167	N	117.633	W	6	G				11	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS). Felt (IV) at Mt. Baldy and (II) at Rancho Cucamonga.
	31	02 11 52.5	8.738	S	124.065	E	49	*	4.8	4.7	0.9	22	TIMOR
	31	02 42 01.7&	40.352	N	124.495	W	30					7	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 2.9 (BRK).
	31	03 44 17.3*	63.303	N	24.153	W	5	G	4.7	4.0	0.9	26	ICELAND REGION
	31	04 00 45.0*	63.294	N	24.638	W	5	G	4.8	4.0	1.1	21	ICELAND REGION
	31	04 15 55.5	36.331	N	29.448	E	75	*			0.8	17	TURKEY. MD 4.0 (ISK), 4.0 (HLW).
	31	04 50 10.9?	62.89	N	24.63	W	5	G	5.0		0.6	10	ICELAND REGION
	31	05 26 57.4%	39.515	N	20.655	E	10	G			0.8	5	GREECE-ALBANIA BORDER REGION
	31	05 52 17.3?	63.24	N	24.55	W	5	G	4.7	3.7	0.6	13	ICELAND REGION
	31	06 00 01.5	19.889	S	133.573	E	5	G	4.3		1.0	12	NORTHERN TERRITORY, AUSTRALIA
	31	06 23 37.3*	63.198	N	24.192	W	5	G	4.8	3.6	1.0	17	ICELAND REGION
	31	06 46 45.8	43.491	N	0.550	W	10	G			0.8	43	PYRENEES. ML 4.1 (LDG). Felt (IV) in the Pardies area, France.
	31	06 58 53.4	63.260	N	24.341	W	5	G	4.7	3.7	1.1	51	ICELAND REGION
	31	08 22 40.2&	40.477	N	125.440	W	16					7	OFF COAST OF NORTHERN CALIFORNIA. <BRK>. ML 3.3 (BRK).
	31	08 34 22.0	14.992	N	60.887	W	72		4.9		1.3	37	WINDWARD ISLANDS. Felt (III) on Martinique.
	31	08 39 37.6?	63.61	N	24.50	W	5	G	4.7		1.0	10	ICELAND REGION
	31	08 51 11.5&	60.727	N	147.313	W	3					67	SOUTHERN ALASKA. <AGS-P>. ML 3.4 (PMR).
	31	08 59 14.4	47.052	N	8.987	E	10	G			1.4	11	SWITZERLAND. ML 2.8 (VIE).
	31	09 20 32.4?	6.06	S	127.80	E	221	?	4.8		1.3	12	BANDA SEA
	31	09 33 14.3?	39.07	N	27.62	E	10	G			0.4	4	TURKEY. MD 2.3 (ISK).
	31	09 37 59.5&	59.654	N	153.051	W	107					37	SOUTHERN ALASKA. <AGS-P>.
	31	09 38 34.7%	40.937	N	13.259	E	10	G			0.7	5	TYRRHENIAN SEA
	31	09 48 22.6%	43.395	N	5.443	E	10	G			0.3	7	NEAR SOUTH COAST OF FRANCE. MD 2.5 (STR).
	31	10 05 48.0?	7.43	S	127.87	E	131	?	4.6		1.0	10	BANDA SEA
	31	10 06 16.6&	63.504	N	150.794	W	15					36	CENTRAL ALASKA. <AGS-P>. ML 3.0 (PMR).
	31	12 18 16.4?	39.10	N	27.49	E	10	G			0.1	4	TURKEY. MD 2.8 (ISK).
	31	12 25 14.3	17.813	S	178.798	W	540		4.8		1.0	98	FIJI ISLANDS REGION
	31	12 58 02.5&	38.028	N	119.170	W	5					8	CALIFORNIA-NEVADA BORDER REGION. <BRK>. ML 2.6 (BRK).
	31	13 57 07.1	42.479	N	24.185	E	10	G			1.1	8	BULGARIA
a	31	14 39 27.2	26.634	S	70.481	W	60	D	5.5		1.1	126	NEAR COAST OF NORTHERN CHILE. Felt (VI) at Copiapo and (III) at Taltal.
	31	15 09 52.8	30.893	N	109.254	W	5	G			0.5	18	NORTHWESTERN MEXICO. ML 3.6 (NEIS). MD 3.8 (SNM).
	31	15 15 11.3	51.984	N	158.683	E	33	N	5.1	4.2	0.7	79	NEAR EAST COAST OF KAMCHATKA. Felt (III) at Petropavlovsk-Kamchatskiy.
	31	17 16 00.0*	38.635	N	26.569	E	10	G			1.1	6	AEGEAN SEA. MD 3.5 (ISK).
	31	17 29 14.2*	36.576	N	54.722	E	33	N	4.4		0.6	8	IRAN
	31	17 52 19.0?	39.76	N	27.88	E	10	G			0.2	4	TURKEY. MD 2.2 (ISK).
	31	18 23 17.0*	38.731	N	26.505	E	12				0.9	13	AEGEAN SEA. MD 3.9 (ISK).
	31	18 27 12.5	42.352	N	19.404	E	10	G			0.9	12	YUGOSLAVIA. ML 2.5 (TTG).
	31	18 32 51.9?	61.85	N	1.71	E	10	G			0.1	7	NORWEGIAN SEA. MD 2.6 (BER).
	31	18 44 23.0*	30.679	S	68.979	W	33	N			0.6	5	SAN JUAN PROVINCE, ARGENTINA
	31	20 53 28.5*	8.734	S	123.973	E	76	?	5.4		1.2	16	FLORES ISLAND REGION
	31	21 07 04.2&	62.299	N	151.129	W	84					34	CENTRAL ALASKA. <AGS-P>.
	31	21 20 06.7	42.744	N	142.590	E	100	*	4.5		0.9	23	HOKKAIDO, JAPAN REGION
	31	22 13 09.3	45.955	N	15.565	E	10	G			0.9	11	YUGOSLAVIA. MD 3.0 (LJU), 2.7 (TRI). Felt at Bistrica ob Sotli.

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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02 07 48 27.97  17.634S 167.831E  26km
   5.3mb ( 17 obs.)  5.3Msz (  7 obs.)
   VANUATU ISLANDS
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 13S, 23C
   Centroid Location:
   Origin Time        07:48:35.1 1.0
   Lat 17.39S 0.13 Lon 167.71E 0.07
   Dep  15.0 FIX Half-duration  1.7
   Principal Axes:
     Scale 10**16 Nm
     T  Val= 11.06  Plg=71  Azm= 99
     N        0.26       4      355
     P      -11.33      18      264
   Best Double Couple:Mo=1.1*10**17
    NP1:Strike=347 Dip=27 Slip=  80
    NP2:        178      63       95

02 08 08 26.37  17.617S 167.799E  20km
   5.3mb ( 19 obs.)  5.5Msz ( 21 obs.)
   VANUATU ISLANDS
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 11S, 28C
   Centroid Location:
   Origin Time        08:08:35.6 0.5
   Lat 17.37S 0.06 Lon 167.71E 0.03
   Dep  15.0 FIX Half-duration  2.5
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  8.06  Plg=64  Azm= 70
     N       -0.03       4      169
     P       -8.03      26      261
   Best Double Couple:Mo=8.1*10**17
    NP1:Strike=  1 Dip=19 Slip= 103
    NP2:        168      71       86

02 15 06 44.61  24.036S 174.646W   9km
   5.8mb ( 48 obs.)  5.5Msz ( 20 obs.)
   SOUTH OF TONGA ISLANDS
   FAULT PLANE SOLUTION: P-Waves
    NP1:Strike= 38 Dip=84 Slip=   5
    NP2:        307      85      174
   Principal Axes:
     T                Plg= 8  Azm=263
     P                    1      353
   Comment: The focal mechanism is
     moderately well controlled and
     corresponds to strike-slip
     faulting with a small reverse
     component. The preferred fault
     plane is not determined.
   RADIATED ENERGY
    No. of sta:   7  Focal mech.  F
    Energy        9.2±1.7*10**13 Nm
   MOMENT TENSOR SOLUTION
   Dep  11            No. of sta: 13
   Principal Axes:
     Scale 10**18 Nm
     T  Val=  2.92  Plg=12  Azm=265
     N        0.01      78      100
     P       -2.92       3      355
   Best Double Couple:Mo=2.9*10**18
    NP1:Strike= 40 Dip=79 Slip=   6
    NP2:        309      84      169
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 14S, 31C
   Centroid Location:
   Origin Time        15:06:50.6 0.5
   Lat 24.08S 0.04 Lon 174.49W 0.03
   Dep  15.0 BDY Half-duration  2.3
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  5.68  Plg=10  Azm=291
     N       -1.13       8       22
     P       -4.55      77      149
   Best Double Couple:Mo=5.1*10**17
    NP1:Strike= 11 Dip=35 Slip=-104
    NP2:        208      56      -80

04 23 48 31.38  41.480S 174.955E  37km
   5.5mb ( 24 obs.)  5.1Msz ( 10 obs.)
   COOK STRAIT, NEW ZEALAND
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 12S, 24C
   Centroid Location:
   Origin Time        23:48:30.2 0.5
   Lat 41.84S 0.05 Lon 175.62E 0.07
   Dep  15.0 FIX Half-duration  2.2
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  2.26  Plg=61  Azm=330
     N        0.56      11      220
     P       -2.82      27      124
   Best Double Couple:Mo=2.5*10**17
    NP1:Strike=190 Dip=21 Slip=  58
    NP2:         43      72      101

06 02 41 15.43  41.589S 175.344E  39km
   5.7mb ( 16 obs.)  5.1Msz (  5 obs.)
   NORTH ISLAND, NEW ZEALAND
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 13S, 28C
   Centroid Location:
   Origin Time        02:41:22.8 0.8
   Lat 41.56S 0.08 Lon 175.35E 0.09
   Dep  20.0 4.3 Half-duration  2.0
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  1.62  Plg=54  Azm=238
     N        0.11      30       22
     P       -1.73      18      123
   Best Double Couple:Mo=1.7*10**17
    NP1:Strike=250 Dip=38 Slip= 145
    NP2:          9      69       57

06 09 08 09.18   2.711S  67.908E  10km
   5.6mb ( 62 obs.)  5.2Msz ( 19 obs.)
   CARLSBERG RIDGE
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 16S, 34C
   Centroid Location:
   Origin Time        09:08: 8.1 0.7
   Lat  3.55S 0.06 Lon  67.86E 0.04
   Dep  15.0 FIX Half-duration  2.2
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  4.32  Plg=27  Azm= 43
     N       -0.23       6      136
     P       -4.09      62      238
   Best Double Couple:Mo=4.2*10**17
    NP1:Strike=118 Dip=19 Slip=-109
    NP2:        318      72      -84

06 10 09 01.99  13.445N  92.058W  41km
   5.0mb ( 21 obs.)  4.4Msz (  2 obs.)
   OFF COAST OF CHIAPAS, MEXICO
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.:  7S, 14C
   Centroid Location:
   Origin Time        10:09:16.3 3.5
   Lat 14.55N 0.23 Lon  92.34W 0.16
   Dep  15.0 FIX Half-duration  1.5
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  1.86  Plg=24  Azm= 11
     N       -0.31      43      257
     P       -1.55      37      121
   Best Double Couple:Mo=1.7*10**17
    NP1:Strike=150 Dip=44 Slip= -12
    NP2:        249      82     -134

06 14 33 01.32  36.424N 140.583E  70km
   5.1mb ( 40 obs.)
   NEAR EAST COAST OF HONSHU, JAPAN
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 13S, 22C
   Centroid Location:
   Origin Time        14:33: 2.7 0.6
   Lat 36.42N 0.07 Lan 140.51E 0.07
   Dep  39.7 6.4 Half-duration  1.5
   Principal Axes:
     Scale 10**16 Nm
     T  Val=  7.13  Plg=67  Azm=262
     N        0.00       9       14
     P       -7.14      21      108
   Best Double Couple:Mo=7.1*10**16
    NP1:Strike=214 Dip=25 Slip= 112
    NP2:         10      67       80

07 04 45 54.68  28.848S 177.000W  60km
   5.2mb ( 11 obs.)
   KERMADEC ISLANDS REGION
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 13S, 24C
   Centroid Location:
   Origin Time        04:45:56.4 0.9
   Lat 28.97S 0.10 Lon 176.58W 0.07
   Dep  15.0 FIX Half-duration  1.8
   Principal Axes:
     Scale 10**16 Nm
     T  Val= 13.39  Plg=64  Azm=301
     N        0.36       6      198
     P      -13.75      25      105
   Best Double Couple:Mo=1.4*10**17
    NP1:Strike=182 Dip=21 Slip=  72
    NP2:         20      70       97

07 11 32 13.75  56.167S  27.008W 100km
   5.4mb ( 11 obs.)
   SOUTH SANDWICH ISLANDS REGION
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 14S, 32C
   Centroid Location:
   Origin Time        11:32:17.6 0.4
   Lat 56.26S 0.05 Lon  26.47W 0.10
   Dep  78.5 4.7 Half-duration  1.7
   Principal Axes:
     Scale 10**16 Nm
     T  Val= 10.88  Plg=19  Azm=174
     N        1.26      45      284
     P      -12.14      39       67
   Best Double Couple:Mo=1.2*10**17
    NP1:Strike=218 Dip=47 Slip=-164
    NP2:        117      78      -44

08 03 23 09.59  10.519S 162.460E  41km
   5.1mb ( 14 obs.)  4.9Msz (  6 obs.)
   SOLOMON ISLANDS
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 12S, 27C
   Centroid Location:
   Origin Time        03:23:13.2 1.1
   Lat 10.17S 0.12 Lan 162.59E 0.04
   Dep  15.0 FIX Half-duration  1.7
   Principal Axes:
     Scale 10**16 Nm
     T  Val=  9.24  Plg= 0  Azm=140
     N       -0.64      90      180
     P       -8.60       0       50
   Best Double Couple:Mo=8.9*10**16
    NP1:Strike=185 Dip=90 Slip=-180
    NP2:        275      90        0

08 23 03 35.39  13.267S 167.214E 168km
   5.2mb ( 22 obs.)
   VANUATU ISLANDS
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 10S, 20C
   Centroid Location:
   Origin Time        23:03:43.4 0.9
   Lat 13.26S  FIX;Lan 167.04E  FIX
   Dep 183.7 3.6 Half-duration  1.5
   Principal Axes:
     Scale 10**16 Nm
     T  Val=  6.89  Plg=65  Azm= 44
     N        0.83      10      157
     P       -7.72      22      251
   Best Double Couple:Mo=7.3*10**16
    NP1:Strike=  0 Dip=24 Slip= 116
    NP2:        152      68       79

09 18 05 10.15   3.551S 100.830E  25km
   5.6mb ( 48 obs.)  5.1Msz ( 10 obs.)
   SOUTHERN SUMATERA
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 14S, 27C
   Centroid Location:
   Origin Time        18:05:14.5 0.6
   Lat  4.18S 0.08 Lon 100.61E 0.08
   Dep  15.0 FIX Half-duration  1.9
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  1.34  Plg=65  Azm= 15
     N        0.09       1      108
     P       -1.42      25      199
   Best Double Couple:Mo=1.4*10**17
    NP1:Strike=292 Dip=20 Slip=  94
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    NP2:        108      70        89
10 01 00 05.50  19.503S  66.618W 266km
   5.8mb ( 64 abs.)
   SOUTHERN BOLIVIA
   FAULT PLANE SOLUTION: P-Waves
    NP1:Strike=351 Dip=80 Slip=-145
    NP2:        254      56       -12
   Principal Axes:
     T                Plg=16  Azm=118
     P                  31       218
   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:   7  Focal mech.  F
    Energy        4.3±1.6*10**14 Nm
   MOMENT TENSOR SOLUTION
   Dep 271            No. of sta: 11
   Principal Axes:
     Scale 10**18 Nm
     T  Val=  8.47  Plg=27  Azm= 79
     N       -1.96       4       347
     P       -6.51      63       250
   Best Double Couple:Mo=7.5*10**18
    NP1:Strike=179 Dip=18 Slip= -78
    NP2:        346      72       -94
   CENTROID, MOMENT TENSOR    (HRV)
   Data Used: GDSN
   L.P.B.: 14S, 38C  M.W.: 15S, 30C
   Centroid Location:
   Origin Time       01:00:12.9 0.2
   Lat 19.43S 0.02 Lon  66.60W 0.01
   Dep 275.0 0.9 Half-duration  7.0
   Principal Axes:
     Scale 10**18 Nm
     T  Val=  7.28  Plg=26  Azm=103
     N       -0.85      27       358
     P       -6.43      51       229
   Best Double Couple:Mo=6.9*10**18
    NP1:Strike=237 Dip=31 Slip= -28
    NP2:        351      76      -118

10 05 54 53.54  23.497S 179.029E 549km
   6.0mb ( 58 abs.)
   SOUTH OF FIJI ISLANDS
   FAULT PLANE SOLUTION: P-Waves
    NP1:Strike=135 Dip=73 Slip= -90
    NP2:        315      17       -90
   Principal Axes:
     T                Plg=28  Azm=225
     P                  62        45
   Comment: The focal mechanism is
     poorly controlled and
     corresponds to normal
     faulting. The preferred fault
     plane is NP1.
   RADIATED ENERGY
    No. of sta:   8  Focal mech.  M
    Energy        2.8±0.7*10**12 Nm
   MOMENT TENSOR SOLUTION
   Dep 562            No. of sta: 10
   Principal Axes:
     Scale 10**18 Nm
     T  Val=  1.27  Plg=11  Azm=204
     N        0.17      14       297
     P       -1.43      72        76
   Best Double Couple:Mo=1.3*10**18
    NP1:Strike=276 Dip=36 Slip=-115
    NP2:        126      58       -73
   CENTROID, MOMENT TENSOR    (HRV)
   Data Used: GDSN
   L.P.B.: 15S, 35C
   Centroid Location:
   Origin Time       05:55: 3.2 0.4
   Lat 23.08S 0.04 Lon 178.93E 0.03
   Dep 575.1 1.4 Half-duration  4.0
   Principal Axes:
     Scale 10**18 Nm
     T  Val=  1.30  Plg= 8  Azm=203
     N        0.14      13       295
     P       -1.44      74        82
   Best Double Couple:Mo=1.4*10**18
    NP1:Strike=278 Dip=38 Slip=-112
    NP2:        125      55       -73

10 15 32 16.27  29.162N 132.000E  33km
   5.1mb ( 42 abs.)  4.4Msz (  4 abs.)
   SOUTHEAST OF SHIKOKU, JAPAN
   CENTROID, MOMENT TENSOR    (HRV)
   Data Used: GDSN
   L.P.B.: 10S, 17C
   Centroid Location:
   Origin Time       15:32:19.8 1.8
   Lat 29.19N 0.15 Lon 131.66E 0.15
   Dep  15.0 FIX Half-duration  1.5
   Principal Axes:
     Scale 10**16 Nm
     T  Val=  5.83  Plg=21  Azm=300
     N       -0.54      18       203
     P       -5.30      62        76
   Best Double Couple:Mo=5.6*10**16
    NP1:Strike= 58 Dip=29 Slip= -51
    NP2:        196      68      -109

11 04 25 25.23  33.656S  72.087W  33km
   5.2mb ( 14 abs.)  4.9Msz (  2 abs.)
   OFF COAST OF CENTRAL CHILE
   CENTROID, MOMENT TENSOR    (HRV)
   Data Used: GDSN
   L.P.B.: 14S, 25C
   Centroid Location:
   Origin Time       04:25:28.7 0.5
   Lat 34.17S 0.08 Lon  72.07W 0.10
   Dep  15.0 FIX Half-duration  1.7
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  1.66  Plg=54  Azm= 99
     N       -0.07       6         1
     P       -1.59      36       267
   Best Double Couple:Mo=1.6*10**17
    NP1:Strike=329 Dip=11 Slip=  58
    NP2:        182      81        96

11 13 57 05.10  32.838N  48.212E  46km
   5.3mb ( 70 abs.)  4.7Msz (  4 abs.)
   WESTERN IRAN
   CENTROID, MOMENT TENSOR    (HRV)
   Data Used: GDSN
   L.P.B.: 15S, 22C
   Centroid Location:
   Origin Time       13:57: 3.5 0.9
   Lat 32.41N 0.10 Lon  47.89E 0.09
   Dep  15.0 BDY Half-duration  1.5
   Principal Axes:
     Scale 10**16 Nm
     T  Val=  3.56  Plg=90  Azm=180
     N       -0.01       0       128
     P       -3.55       0        38
   Best Double Couple:Mo=3.5*10**16
    NP1:Strike=128 Dip=45 Slip=  90
    NP2:        308      45        90

11 15 14 45.05  18.726N  69.376W 101km
   5.4mb ( 78 abs.)
   DOMINICAN REPUBLIC REGION
   CENTROID, MOMENT TENSOR    (HRV)
   Data Used: GDSN
   L.P.B.: 14S, 28C
   Centroid Location:
   Origin Time       15:14:48.7 0.7
   Lat 18.56N 0.07 Lon  69.70W 0.06
   Dep 101.5 5.4 Half-duration  1.7
   Principal Axes:
     Scale 10**16 Nm
     T  Val= 10.08  Plg=36  Azm= 38
     N       -1.28      47       179
     P       -8.80      20       292
   Best Double Couple:Mo=9.4*10**16
    NP1:Strike= 70 Dip=49 Slip= 167
    NP2:        168      80        42

11 20 48 53.53   3.457S 146.597E  25km
   5.1mb (  9 abs.)  4.9Msz (  3 abs.)
   BISMARCK SEA
   CENTROID, MOMENT TENSOR    (HRV)
   Data Used: GDSN
   L.P.B.: 17S, 36C
   Centroid Location:
   Origin Time       20:48:56.0 0.5
   Lat  3.34S 0.05 Lon 146.78E 0.05
   Dep  15.0 FIX Half-duration  1.7
   Principal Axes:
     Scale 10**16 Nm
     T  Val=  9.78  Plg= 2  Azm=124
     N        1.64      77        26
     P      -11.42      13       214
   Best Double Couple:Mo=1.1*10**17
    NP1:Strike=258 Dip=79 Slip=  -8
    NP2:        350      82      -169

13 00 20 23.38  15.724N 147.931E  37km
   5.8mb ( 68 abs.)  5.5Msz ( 19 abs.)
   MARIANA ISLANDS REGION
   CENTROID, MOMENT TENSOR    (HRV)
   Data Used: GDSN
   L.P.B.: 18S, 41C
   Centroid Location:
   Origin Time       00:20:23.7 0.3
   Lat 15.77N 0.03 Lon 148.18E 0.03
   Dep  15.0 BDY Half-duration  2.2
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  7.89  Plg=21  Azm=296
     N       -0.74       2       205
     P       -7.15      69       110
   Best Double Couple:Mo=7.5*10**17
    NP1:Strike= 30 Dip=24 Slip= -85
    NP2:        204      66       -92

13 22 53 32.88  23.493S 179.135E 572km
   5.3mb ( 44 abs.)
   SOUTH OF FIJI ISLANDS
   CENTROID, MOMENT TENSOR    (HRV)
   Data Used: GDSN
   L.P.B.: 17S, 33C
   Centroid Location:
   Origin Time       22:53:39.7 0.5
   Lat 23.29S 0.05 Lon 178.88E 0.04
   Dep 586.0 2.7 Half-duration  2.1
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  3.06  Plg=24  Azm= 10
     N       -1.21      50       249
     P       -1.86      30       115
   Best Double Couple:Mo=2.5*10**17
    NP1:Strike=151 Dip=50 Slip=  -5
    NP2:        244      86      -140

14 01 58 42.84  17.650S 178.906W 556km
   5.1mb ( 47 abs.)
   FIJI ISLANDS REGION
   CENTROID, MOMENT TENSOR    (HRV)
   Data Used: GDSN
   L.P.B.: 10S, 17C
   Centroid Location:
   Origin Time       01:58:50.3 1.1
   Lat 17.30S 0.11 Lon 179.35W 0.11
   Dep 551.9 6.4 Half-duration  1.5
   Principal Axes:
     Scale 10**16 Nm
     T  Val=  9.25  Plg=49  Azm=150
     N        0.60      26        25
     P       -9.86      29       280
   Best Double Couple:Mo=9.6*10**16
    NP1:Strike=323 Dip=29 Slip=  24
    NP2:        211      79       116

15 01 35 44.56   2.211S  92.249E  32km
   5.9mb (102 abs.)  6.5Msz ( 47 abs.)
   SOUTHWEST OF SUMATERA
   FAULT PLANE SOLUTION: P-Waves
    NP1:Strike=105 Dip=90 Slip=-170
    NP2:         15      80      -360
   Principal Axes:
     T                Plg= 7  Azm=240
     P                   7       330
   Comment: The focal mechanism is
     well controlled and
     corresponds to strike-slip
     faulting with a small strike-
     slip component. The preferred
     fault plane is not determined.
   RADIATED ENERGY
    No. of sta:   9  Focal mech.  F
    Energy        1.3±0.4*10**15 Nm
   MOMENT TENSOR SOLUTION
   Dep  26            No. of sta: 14
   Principal Axes:
     Scale 10**19 Nm
     T  Val=  1.58  Plg=17  Azm=234
     N        0.00      73        66
     P       -1.58       3       325
   Best Double Couple:Mo=1.6*10**19
    NP1:Strike= 10 Dip=76 Slip=  10
    NP2:        278      81       165
   CENTROID, MOMENT TENSOR    (HRV)
   Data Used: GDSN
   L.P.B.: 20S, 49C  M.W.: 12S, 31C
   Centroid Location:
   Origin Time       01:35:49.9 0.2
   Lat  2.20S 0.01 Lon  92.29E 0.01
   Dep  23.0 1.3 Half-duration  7.0
   Principal Axes:
     Scale 10**18 Nm
     T  Val= 12.94  Plg=12  Azm=243
```

```
    N        1.11      70      116
    P      -14.06      15      336
  Best Double Couple:Mo=1.4*10**19
   NP1:Strike= 19 Dip=70 Slip=  -2
   NP2:       110      88     -160

15 06 30 20.39  15.311N  46.350W  10km
  5.2mb ( 60 obs.)  4.9Msz ( 11 obs.)
  NORTH ATLANTIC RIDGE
  CENTROID, MOMENT TENSOR     (HRV)
  Data Used: GDSN
  L.P.B.: 15S, 32C
  Centroid Location:
  Origin Time        06:30:28.8 0.7
  Lat 15.42N 0.07 Lon  46.21W 0.06
  Dep  15.0 FIX Half-duration  1.9
  Principal Axes:
    Scale 10**17 Nm
    T  Val=  1.64  Plg= 0  Azm=233
    N       -0.22      90      180
    P       -1.42       0      143
  Best Double Couple:Mo=1.5*10**17
   NP1:Strike=278 Dip=90 Slip=-180
   NP2:         8      90        0

15 19 06 52.68  33.640N  56.808E  33km
  5.0mb ( 37 obs.)
  IRAN
  CENTROID, MOMENT TENSOR     (HRV)
  Data Used: GDSN
  L.P.B.: 15S, 28C
  Centroid Location:
  Origin Time        19:06:51.6 0.7
  Lat 33.56N 0.10 Lon  56.74E 0.08
  Dep  15.0 BDY Half-duration  1.5
  Principal Axes:
    Scale 10**16 Nm
    T  Val=  5.10  Plg=68  Azm=305
    N        0.19      22      138
    P       -5.29       4       46
  Best Double Couple:Mo=5.2*10**16
   NP1:Strike=114 Dip=45 Slip=  58
   NP2:       335      53      118

15 19 50 24.06  10.047S 114.607E  70km
  5.8mb ( 35 obs.)
  SOUTH OF BALI ISLAND
  CENTROID, MOMENT TENSOR     (HRV)
  Data Used: GDSN
  L.P.B.: 16S, 29C
  Centroid Location:
  Origin Time        19:50:24.5 0.7
  Lat 10.82S 0.08 Lon 114.62E 0.11
  Dep  33.0 FIX Half-duration  1.8
  Principal Axes:
    Scale 10**17 Nm
    T  Val=  1.59  Plg=45  Azm= 28
    N       -0.22      26      269
    P       -1.37      34      161
  Best Double Couple:Mo=1.5*10**17
   NP1:Strike=195 Dip=26 Slip=  14
   NP2:        92      84      116

16 06 13 13.74  49.043N 155.076E  83km
  6.0mb ( 76 obs.)
  KURIL ISLANDS
  FAULT PLANE SOLUTION: P-Waves
   NP1:Strike= 22 Dip=81 Slip=  90
   NP2:       202       9       90
  Principal Axes:
    T                Plg=54  Azm=292
    P                    36      112
  Comment: The focal mechanism is
    poorly controlled and
    corresponds to reverse
    faulting. The preferred fault
    plane is NP2.
  RADIATED ENERGY
   No. of sta:    7  Focal mech.  F
   Energy        2.1±0.6*10**12 Nm
  MOMENT TENSOR SOLUTION
  Dep  75            No. of sta: 13
  Principal Axes:
    Scale 10**17 Nm
    T  Val=  9.13  Plg=41  Azm=308
    N       -2.30      30      188
    P       -6.83      35       75
  Best Double Couple:Mo=8.0*10**17
   NP1:Strike=106 Dip=30 Slip=   7
   NP2:        10      87      120
  CENTROID, MOMENT TENSOR     (HRV)
  Data Used: GDSN
  L.P.B.: 17S, 40C
  Centroid Location:
  Origin Time        06:13:17.7 0.2
  Lat 49.01N 0.02 Lon 155.06E 0.03
  Dep  89.5 1.7 Half-duration  3.0
  Principal Axes:
    Scale 10**17 Nm
    T  Val=  7.68  Plg=45  Azm=304
    N       -1.68      23      189
    P       -6.00      36       81
  Best Double Couple:Mo=6.8*10**17
   NP1:Strike=113 Dip=23 Slip=  13
   NP2:        11      85      113

17 12 16 29.12  25.557S 176.311W  44km
  5.6mb ( 18 obs.)  5.5Msz ( 22 obs.)
  SOUTH OF FIJI ISLANDS
  CENTROID, MOMENT TENSOR     (HRV)
  Data Used: GDSN
  L.P.B.: 18S, 41C
  Centroid Location:
  Origin Time        12:16:31.3 0.4
  Lat 25.52S 0.05 Lon 175.92W 0.03
  Dep  15.0 BDY Half-duration  2.8
  Principal Axes:
    Scale 10**17 Nm
    T  Val=  5.91  Plg=63  Azm=275
    N        0.62       2      182
    P       -6.53      27       91
  Best Double Couple:Mo=6.2*10**17
   NP1:Strike=177 Dip=18 Slip=  85
   NP2:         2      72       92

17 14 30 13.16  10.970S  70.776W 599km
  6.7mb ( 48 obs.)
  PERU-BRAZIL BORDER REGION
  FAULT PLANE SOLUTION: P-Waves
   NP1:Strike=170 Dip=60 Slip= -77
   NP2:       325      32     -111
  Principal Axes:
    T                Plg=14  Azm=251
    P                    72      111
  Comment: The focal mechanism is
    moderately well controlled and
    corresponds to normal faulting
    with a small left-lateral
    strike-slip component. The
    preferred fault plane is NP1.
  RADIATED ENERGY
   No. of sta:    5  Focal mech.  C
   Energy        3.0±1.3*10**14 Nm
  MOMENT TENSOR SOLUTION
  Dep 590            No. of sta: 12
  Principal Axes:
    Scale 10**19 Nm
    T  Val=  3.60  Plg= 3  Azm=249
    N        0.03       7      339
    P       -3.63      83      134
  Best Double Couple:Mo=3.6*10**19
   NP1:Strike=332 Dip=42 Slip=-100
   NP2:       165      49      -81
  CENTROID, MOMENT TENSOR     (HRV)
  Data Used: GDSN
  L.P.B.: 19S, 49C  M.W.: 15S, 36C
  Centroid Location:
  Origin Time        14:30:22.2 0.2
  Lat 10.95S 0.01 Lon  70.73W 0.01
  Dep 616.1 1.1 Half-duration  8.0
  Principal Axes:
    Scale 10**19 Nm
    T  Val=  3.09  Plg=11  Azm=260
    N        0.16       0      170
    P       -3.25      79       80
  Best Double Couple:Mo=3.2*10**19
   NP1:Strike=350 Dip=34 Slip= -90
   NP2:       170      56      -90

18 22 21 16.16   3.431S 143.544E  46km
  5.4mb ( 18 obs.)  4.5Msz (  2 obs.)
  NEAR N COAST OF PAPUA NEW GUINEA
  CENTROID, MOMENT TENSOR     (HRV)
  Data Used: GDSN
  L.P.B.: 14S, 25C
  Centroid Location:
  Origin Time        22:21:16.5 0.6
  Lat  3.16S 0.08 Lon 143.36E 0.08
  Dep  15.0 BDY Half-duration  1.5
  Principal Axes:
    Scale 10**16 Nm
    T  Val=  6.12  Plg=70  Azm=309
    N        0.29      20      131
    P       -6.41       1       41
  Best Double Couple:Mo=6.3*10**16
   NP1:Strike=112 Dip=48 Slip=  63
   NP2:       329      49      116

20 08 07 27.59  37.093N 103.781E  12km
  5.6mb ( 71 obs.)  5.8Msz ( 11 obs.)
  GANSU PROVINCE, CHINA
  CENTROID, MOMENT TENSOR     (HRV)
  Data Used: GDSN
  L.P.B.: 14S, 31C
  Centroid Location:
  Origin Time        08:07:32.5 0.2
  Lat 37.06N 0.03 Lon 103.54E 0.04
  Dep  15.0 FIX Half-duration  2.5
  Principal Axes:
    Scale 10**17 Nm
    T  Val=  4.78  Plg= 2  Azm=323
    N       -0.09      84      217
    P       -4.69       5       53
  Best Double Couple:Mo=4.7*10**17
   NP1:Strike= 98 Dip=85 Slip=  -3
   NP2:       188      87     -175

21 15 10 43.70   3.989S  77.274W 116km
  5.7mb ( 67 obs.)
  PERU-ECUADOR BORDER REGION
  FAULT PLANE SOLUTION: P-Waves
   NP1:Strike=150 Dip=70 Slip=-110
   NP2:        17      28      -47
  Principal Axes:
    T                Plg=22  Azm=255
    P                    60       31
  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.
  MOMENT TENSOR SOLUTION
  Dep 113            No. of sta:  5
  Principal Axes:
    Scale 10**17 Nm
    T  Val=  1.51  Plg=22  Azm=248
    N       -0.26      22      149
    P       -1.24      58       18
  Best Double Couple:Mo=1.4*10**17
   NP1:Strike= 12 Dip=31 Slip= -42
   NP2:       140      70     -114
  CENTROID, MOMENT TENSOR     (HRV)
  Data Used: GDSN
  L.P.B.: 18S, 31C
  Centroid Location:
  Origin Time        15:10:47.4 0.4
  Lat  4.16S 0.04 Lon  77.29W 0.05
  Dep 108.1 2.7 Half-duration  2.0
  Principal Axes:
    Scale 10**17 Nm
    T  Val=  1.61  Plg=14  Azm=249
    N       -0.20      11      156
    P       -1.40      72       30
  Best Double Couple:Mo=1.5*10**17
   NP1:Strike=354 Dip=32 Slip= -69
   NP2:       150      60     -103

21 19 05 47.72  20.894S 177.939W 498km
  5.3mb ( 43 obs.)
  FIJI ISLANDS REGION
  CENTROID, MOMENT TENSOR     (HRV)
  Data Used: GDSN
  L.P.B.: 16S, 27C
  Centroid Location:
  Origin Time        19:05:58.7 0.8
  Lat 20.26S 0.08 Lon 178.23W 0.05
  Dep 517.7 3.3 Half-duration  1.6
  Principal Axes:
    Scale 10**17 Nm
    T  Val=  0.82  Plg=13  Azm= 74
    N        0.36      11      167
    P       -1.18      73      295
  Best Double Couple:Mo=1.0*10**17
   NP1:Strike=150 Dip=33 Slip=-110
   NP2:       354      59      -77

21 22 53 33.61   8.911S 123.843E 122km
  5.0mb ( 18 obs.)
  FLORES ISLAND REGION
  CENTROID, MOMENT TENSOR     (HRV)
  Data Used: GDSN
  L.P.B.: 15S, 22C
  Centroid Location:
  Origin Time        22:53:35.1 1.2
  Lat  8.58S 0.12 Lon 123.26E 0.12
  Dep  64.7 9.4 Half-duration  1.5
  Principal Axes:
    Scale 10**16 Nm
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    T  Val=  4.82  Plg=17  Azm=288
    N        0.93      43       35
    P       -5.75      42      183
  Best Double Couple:Mo=5.3*10**16
   NP1:Strike=335 Dip=47 Slip=-159
   NP2:        230      74      -45

22 14 35 22.22  16.244S 173.153W  31km
  5.4mb ( 37 abs.)  5.2Msz ( 11 abs.)
  TONGA ISLANDS
  CENTROID, MOMENT TENSOR    (HRV)
  Data Used: GDSN
  L.P.B.: 17S, 38C
  Centraid Lacatian:
  Origin Time        14:35:27.2 0.3
  Lat 15.97S 0.06 Lan 173.40W 0.06
  Dep  15.0 FIX Half-duratian  2.0
  Principal Axes:
    Scale 10**17 Nm
    T  Val=  2.73  Plg=47  Azm=294
    N       -0.23      21      180
    P       -2.50      35       74
  Best Double Couple:Ma=2.6*10**17
   NP1:Strike=108 Dip=22 Slip=  17
   NP2:          2      84      111

23 04 08 00.50  21.940S 179.390W 592km
  5.3mb ( 54 abs.)
  FIJI ISLANDS REGION
  CENTROID, MOMENT TENSOR    (HRV)
  Data Used: GDSN
  L.P.B.: 16S, 31C
  Centraid Lacatian:
  Origin Time        04:08: 8.4 0.7
  Lat 21.45S 0.07 Lan 179.64W 0.06
  Dep 610.0 3.5 Half-duratian  1.8
  Principal Axes:
    Scale 10**17 Nm
    T  Val=  1.56  Plg=44  Azm= 93
    N        0.26      10      193
    P       -1.82      44      293
  Best Double Couple:Ma=1.7*10**17
   NP1:Strike=105 Dip=10 Slip=-178
   NP2:         13      90      -80

23 15 14 29.40   5.604S 153.925E  59km
  5.4mb ( 33 abs.)
  NEW IRELAND REGION
  CENTROID, MOMENT TENSOR    (HRV)
  Data Used: GDSN
  L.P.B.: 19S, 37C
  Centraid Lacatian:
  Origin Time        15:14:32.3 0.2
  Lat  5.71S 0.03 Lan 153.77E 0.03
  Dep  40.3 2.2 Half-duratian  2.0
  Principal Axes:
    Scale 10**17 Nm
    T  Val=  1.62  Plg=78  Azm=  2
    N        0.08       8      135
    P       -1.70       8      226
  Best Double Couple:Ma=1.7*10**17
   NP1:Strike=326 Dip=37 Slip= 104
   NP2:        129      54       80

24 06 15 20.70  38.047N 119.157W  12km
  5.4mb ( 48 abs.)  5.2Msz (  6 abs.)
  CALIFORNIA-NEVADA BORDER REGION
  CENTROID, MOMENT TENSOR    (HRV)
  Data Used: GDSN
  L.P.B.: 15S, 25C
  Centraid Lacatian:
  Origin Time        06:15:27.3 0.6
  Lat 38.17N 0.06 Lan 119.32W 0.08
  Dep  15.0 FIX Half-duratian  1.8
  Principal Axes:
    Scale 10**17 Nm
    T  Val=  1.23  Plg=15  Azm=279
    N       -0.17      58      164
    P       -1.06      28       18
  Best Double Couple:Mo=1.1*10**17
   NP1:Strike= 56 Dip=59 Slip= -10
   NP2:        151      82     -149

24 12 18 16.41  15.794S 172.112W  32km
  5.3mb ( 33 abs.)  4.9Msz (  8 abs.)
  SAMOA ISLANDS REGION
  CENTROID, MOMENT TENSOR    (HRV)
  Data Used: GDSN
  L.P.B.: 16S, 29C
  Centraid Location:
  Origin Time        12:18:21.3 0.4
  Lat 16.16S 0.06 Lan 171.94W 0.04
  Dep  45.5 3.0 Half-duration  1.7
  Principal Axes:
    Scale 10**17 Nm
    T  Val=  0.89  Plg=65  Azm=177
    N        0.14      25      358
    P       -1.04       0      268
  Best Double Cauple:Mo=1.0*10**17
   NP1:Strike=335 Dip=50 Slip=  57
   NP2:        200      50      123

24 23 38 15.18  44.117N  83.856E  20km
  5.2mb ( 70 abs.)  4.8Msz (  5 abs.)
  NORTHERN XINJIANG, CHINA
  CENTROID, MOMENT TENSOR    (HRV)
  Data Used: GDSN
  L.P.B.: 12S, 19C
  Centraid Lacatian:
  Origin Time        23:38:15.2 2.0
  Lat 43.79N 0.15 Lan  83.99E 0.17
  Dep  15.0 FIX Half-duratian  1.5
  Principal Axes:
    Scale 10**16 Nm
    T  Val=  6.79  Plg=54  Azm= 83
    N        0.25      35      247
    P       -7.03       8      342
  Best Double Cauple:Ma=6.9*10**16
   NP1:Strike=106 Dip=48 Slip= 141
   NP2:        224      62       49

25 03 24 09.15  23.830N 108.715W  10km
  5.0mb ( 28 abs.)  5.1Msz (  4 abs.)
  GULF OF CALIFORNIA
  CENTROID, MOMENT TENSOR    (HRV)
  Data Used: GDSN
  L.P.B.: 11S, 24C
  Centraid Lacatian:
  Origin Time        03:24:10.3 1.1
  Lat 23.74N 0.09 Lan 108.25W 0.10
  Dep  15.0 FIX Half-duratian  1.7
  Principal Axes:
    Scale 10**17 Nm
    T  Val=  1.04  Plg= 3  Azm=265
    N       -0.02      86      135
    P       -1.02       3      355
  Best Double Cauple:Ma=1.0*10**17
   NP1:Strike= 40 Dip=86 Slip=   0
   NP2:        130      90     -176

25 04 53 59.98  35.121N  70.486E 114km
  6.0mb ( 95 abs.)
  HINDU KUSH REGION
  FAULT PLANE SOLUTION: P-Waves
   NP1:Strike= 65 Dip=60 Slip=  90
   NP2:        245      30       90
  Principal Axes:
    T                Plg=75  Azm=335
    P                    15      155
  Comment: The facal mechanism is
    paarly cantrallad and
    carrespanda ta reverse
    faulting. The preferred fault
    plane is NP2.
  RADIATED ENERGY
   No. of sta:   4  Facal mech.  C
   Energy        2.8±0.7*10**12 Nm
  CENTROID, MOMENT TENSOR    (HRV)
  Data Used: GDSN
  L.P.B.: 16S, 33C
  Centraid Lacatian:
  Origin Time        04:54: 5.1 0.3
  Lat 35.19N  FIX;Lan  70.74E  FIX
  Dep 135.7 1.2 Half-duratian  3.0
  Principal Axes:
    Scale 10**17 Nm
    T  Val=  6.30  Plg=72  Azm=289
    N        0.56      12       61
    P       -6.86      13      154
  Best Double Cauple:Mo=6.6*10**17
   NP1:Strike=260 Dip=34 Slip= 113
   NP2:         53      59       75

25 11 01 38.72   8.307N 126.462E  44km
  5.9mb ( 76 abs.)  6.1Msz ( 27 abs.)
  MINDANAO, PHILIPPINE ISLANDS
  FAULT PLANE SOLUTION: P-Waves
   NP1:Strike=350 Dip=64 Slip=  90
   NP2:        170      26       90
  Principal Axes:
    T                Plg=71  Azm=260
    P                    19       80
  Comment: The facal mechanism is
    paarly cantrallad and
    carrespanda ta reverse
    faulting. The preferred fault
    plane is NP2.
  RADIATED ENERGY
   No. of sta:   4  Facal mech.  C
   Energy        2.1±1.0*10**13 Nm
  MOMENT TENSOR SOLUTION
  Dep  45            No. of sta: 17
  Principal Axes:
    Scale 10**18 Nm
    T  Val=  6.35  Plg=66  Azm=324
    N       -0.06      24      142
    P       -6.30       1      232
  Best Double Couple:Ma=6.3*10**18
   NP1:Strike=345 Dip=49 Slip= 123
   NP2:        120      50       58
  CENTROID, MOMENT TENSOR    (HRV)
  Data Used: GDSN
  L.P.B.: 17S, 42C  M.W.: 11S, 18C
  Centraid Lacatian:
  Origin Time        11:01:46.8 0.2
  Lat  8.09N 0.02 Lan 127.02E 0.02
  Dep  45.7 1.1 Half-duratian  5.5
  Principal Axes:
    Scale 10**18 Nm
    T  Val=  3.68  Plg=66  Azm=349
    N       -0.12      23      190
    P       -3.57       8       97
  Best Double Cauple:Ma=3.6*10**18
   NP1:Strike=163 Dip=42 Slip=  55
   NP2:         26      57      118

25 16 33 33.45   6.189S 154.960E 142km
  5.8mb ( 46 abs.)
  SOLOMON ISLANDS
  FAULT PLANE SOLUTION: P-Waves
   NP1:Strike=170 Dip=32 Slip=-117
   NP2:         21      62      -74
  Principal Axes:
    T                Plg=15  Azm= 99
    P                    69     324
  Comment: The facal mechanism is
    maderately well cantrallad and
    carrespanda ta narmal faulting
    with a maderate left-lateral
    strike-slip campanent. The
    preferred fault plane is NP1.
  RADIATED ENERGY
   No. of sta:   6  Facal mech.  F
   Energy        7.0±2.2*10**11 Nm
  MOMENT TENSOR SOLUTION
  Dep 143            No. of sta: 15
  Principal Axes:
    Scale 10**17 Nm
    T  Val=  8.90  Plg=10  Azm=101
    N       -0.28      21      195
    P       -8.62      67      347
  Best Double Cauple:Mo=8.8*10**17
   NP1:Strike=167 Dip=39 Slip=-124
   NP2:         28      58      -65
  CENTROID, MOMENT TENSOR    (HRV)
  Data Used: GDSN
  L.P.B.: 18S, 43C
  Centraid Location:
  Origin Time        16:33:38.6 0.3
  Lat  6.41S 0.03 Lan 155.13E 0.02
  Dep 152.6 0.7 Half-duratian  3.3
  Principal Axes:
    Scale 10**17 Nm
    T  Val=  6.43  Plg= 6  Azm= 93
    N        2.10      22      186
    P       -8.53      67      350
  Best Double Cauple:Ma=7.5*10**17
   NP1:Strike=160 Dip=44 Slip=-123
   NP2:         23      55      -62

26 05 49 37.94  35.143S  16.426W  10km
  5.1mb ( 11 abs.)  5.6Msz ( 10 abs.)
  SOUTH ATLANTIC RIDGE
  CENTROID, MOMENT TENSOR    (HRV)
  Data Used: GDSN
  L.P.B.: 17S, 40C
  Centraid Lacatian:
  Origin Time        05:49:47.8 0.2
  Lat 35.22S 0.03 Lan  15.94W 0.03
  Dep  15.0 FIX Half-duratian  4.0
  Principal Axes:
    Scale 10**18 Nm
    T  Val=  1.41  Plg= 4  Azm=119
    N        0.07      85      276
    P       -1.48       2       29
  Best Double Couple:Mo=1.4*10**18
   NP1:Strike=164 Dip=86 Slip= 178
   NP2:        254      88        4
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26 18 17 35.13  56.121N 110.048E  21km
   5.1mb ( 55 obs.)  4.8Msz (  5 obs.)
   LAKE BAIKAL REGION
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 15S, 23C
   Centroid Location:
   Origin Time        18:17:36.8 0.7
   Lat 56.26N 0.10 Lon 110.62E 0.21
   Dep  15.0 FIX Half-duration  1.6
   Principal Axes:
     Scale 10**16 Nm
     T  Val=  7.00  Plg= 5  Azm=162
     N        1.82       45       258
     P       -8.82       44        67
   Best Double Couple:Mo=7.9*10**16
    NP1:Strike=215 Dip=56 Slip=-149
    NP2:        106      65       -38

28 06 53 01.29  49.682N 155.885E  48km
   5.5mb ( 85 obs.)  4.8Msz ( 12 obs.)
   KURIL ISLANDS
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 19S, 33C
   Centroid Location:
   Origin Time        06:53: 4.4 0.4
   Lat 49.46N 0.04 Lon 156.51E 0.05
   Dep  42.7 3.1 Half-duration  1.7
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  1.18  Plg=84  Azm=352
     N        0.25        4       213
     P       -1.42        4       123
   Best Double Couple:Mo=1.3*10**17
    NP1:Strike=209 Dip=41 Slip=  84
    NP2:         37      49        96

29 05 47 27.98  63.653S 172.650E  10km
   5.2mb (  3 obs.)  4.9Msz (  4 obs.)
   BALLENY ISLANDS REGION
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 15S, 29C
   Centroid Location:
   Origin Time        05:47:34.5 0.5
   Lat 63.72S 0.08 Lon 171.74E 0.07
   Dep  15.0 FIX Half-duration  2.1
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  1.80  Plg= 0  Azm=182
     N        0.02       90       180
     P       -1.82        0        92
   Best Double Couple:Mo=1.8*10**17
    NP1:Strike=227 Dip=90 Slip=-180
    NP2:        317      90         0

29 06 42 41.71  55.981S 143.243W  10km
   5.3mb (  4 obs.)  5.2Msz (  3 obs.)
   SOUTH PACIFIC CORDILLERA
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 13S, 21C
   Centroid Location:
   Origin Time        06:42:50.0 0.6
   Lat 55.96S  FIX;Lon 143.20W  FIX
   Dep  15.0 FIX Half-duration  2.7
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  1.59  Plg= 0  Azm=155
     N        0.36       90       180
     P       -1.95        0        65
   Best Double Couple:Mo=1.8*10**17
    NP1:Strike=200 Dip=90 Slip=-180
    NP2:        290      90         0

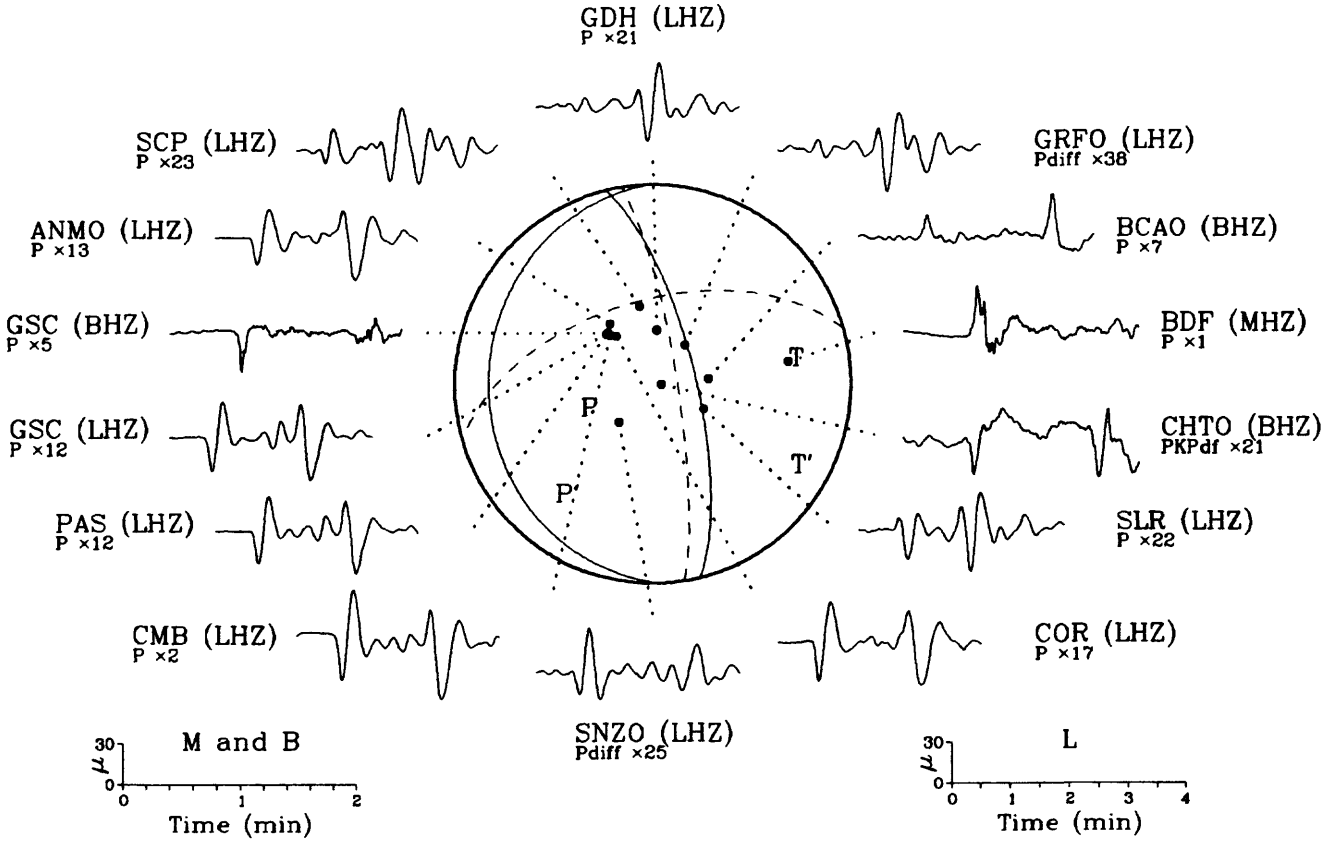
30 07 30 06.51   3.796N 123.235E 551km
   5.3mb ( 37 obs.)
   CELEBES SEA
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 13S, 22C
   Centroid Location:
   Origin Time        07:30:11.1 0.6
   Lat  3.95N 0.06 Lon 122.76E 0.09
   Dep 544.2 4.8 Half-duration  1.7
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  1.28  Plg=37  Azm=107
     N        0.13       27       354
     P       -1.40       41       238
   Best Double Couple:Mo=1.3*10**17
    NP1:Strike=259 Dip=27 Slip=  -5
    NP2:        353      88      -117

30 14 03 35.63  63.116N  24.302W   5km
   4.9mb ( 37 obs.)  4.4Msz (  8 obs.)
   ICELAND REGION
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 13S, 20C
   Centroid Location:
   Origin Time        14:03:43.5 1.7
   Lat 63.59N 0.22 Lon  25.14W 0.21
   Dep  15.0 FIX Half-duration  1.5
   Principal Axes:
     Scale 10**16 Nm
     T  Val=  2.71  Plg= 0  Azm=106
     N        0.13        0        16
     P       -2.84       90       180
   Best Double Couple:Mo=2.8*10**16
    NP1:Strike=196 Dip=45 Slip= -90
    NP2:         16      45       -90

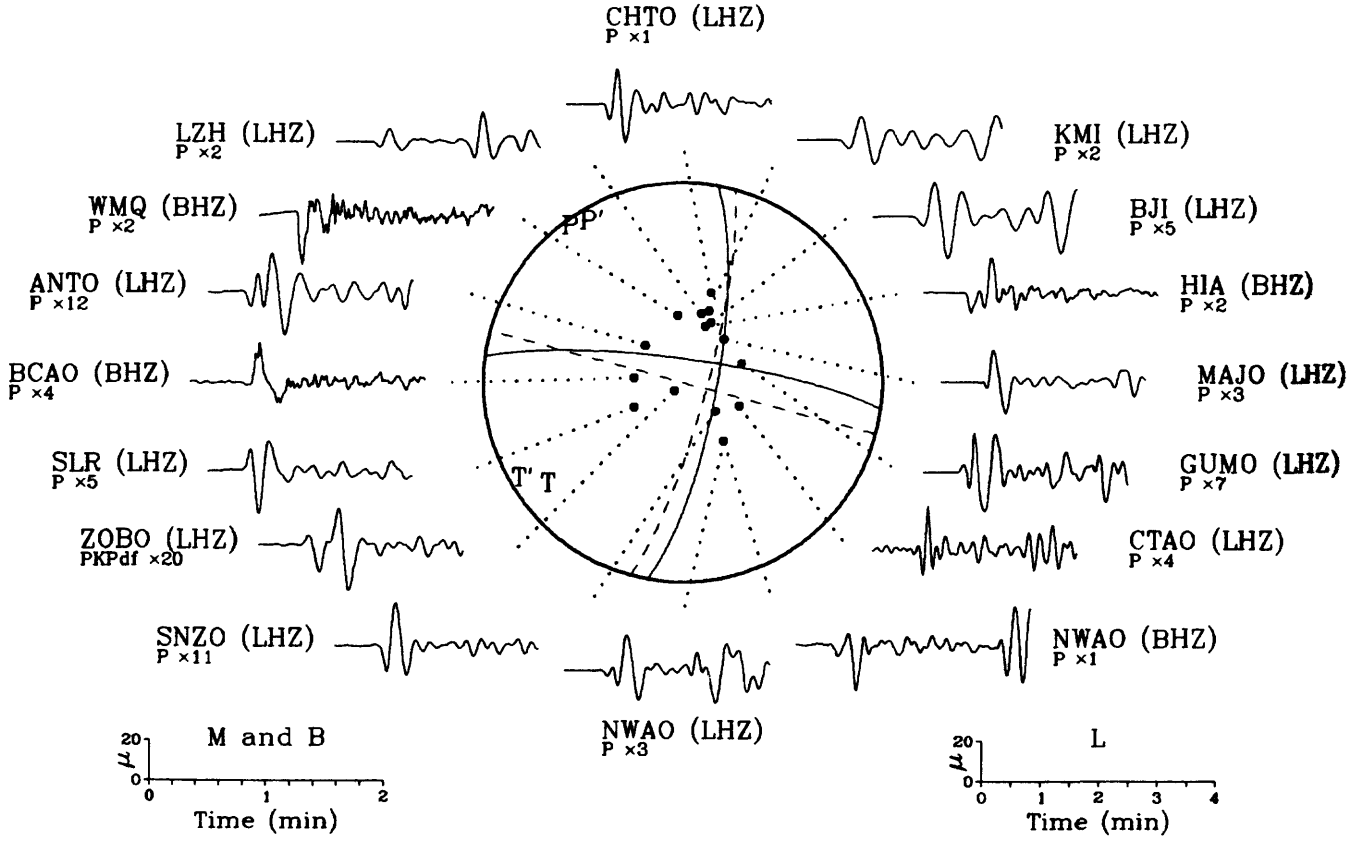
31 14 39 27.22  26.634S  70.481W  60km
   5.5mb ( 26 obs.)
   NEAR COAST OF NORTHERN CHILE
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 16S, 33C
   Centroid Location:
   Origin Time        14:39:35.9 0.3
   Lat 27.05S 0.03 Lon  71.07W 0.05
   Dep  73.3 2.1 Half-duration  2.2
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  2.56  Plg= 6  Azm= 17
     N       -0.30       35       111
     P       -2.26       54       278
   Best Double Couple:Mo=2.4*10**17
    NP1:Strike= 74 Dip=50 Slip=-140
    NP2:        315      60       -48
```

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

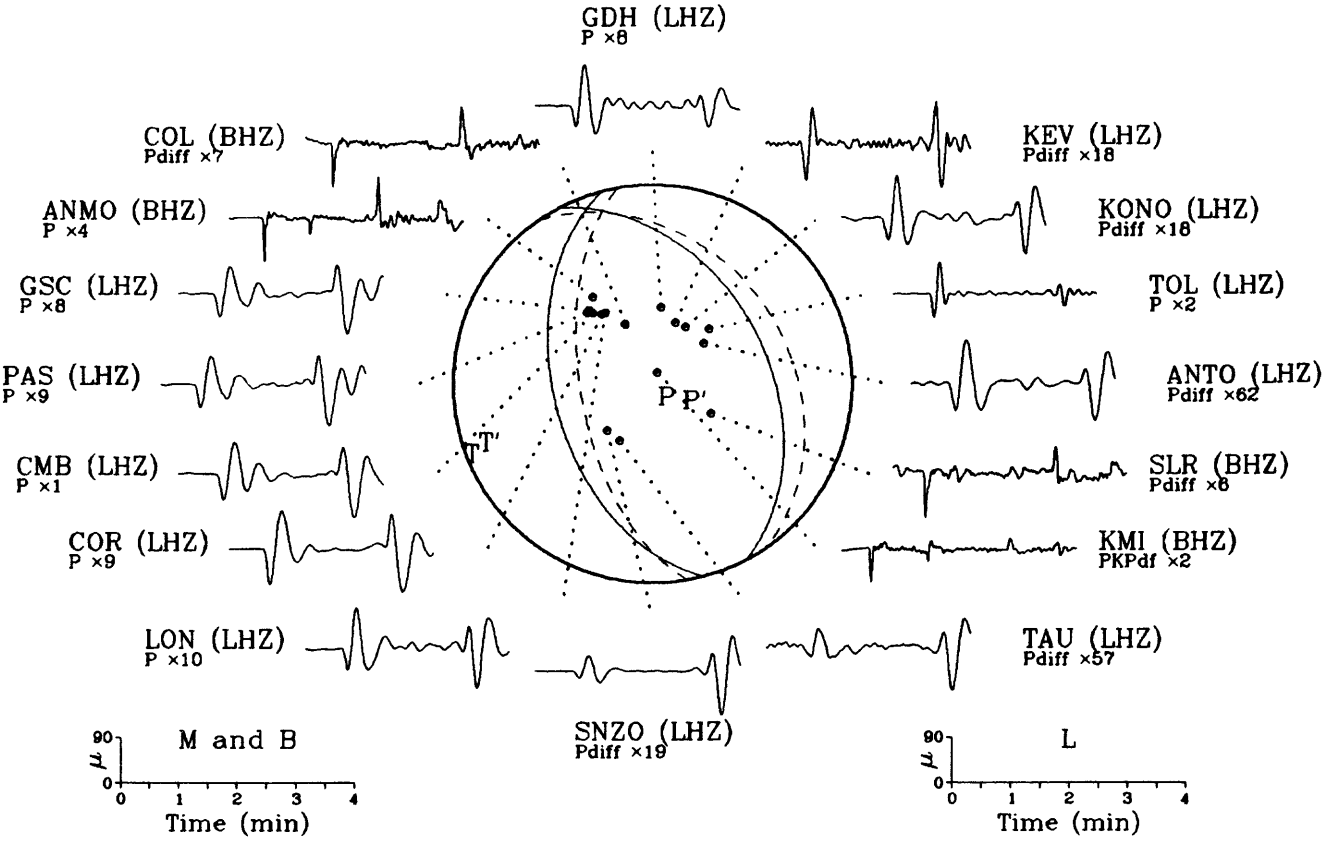
10 October 1990 01:00:05.50
Southern Bolivia



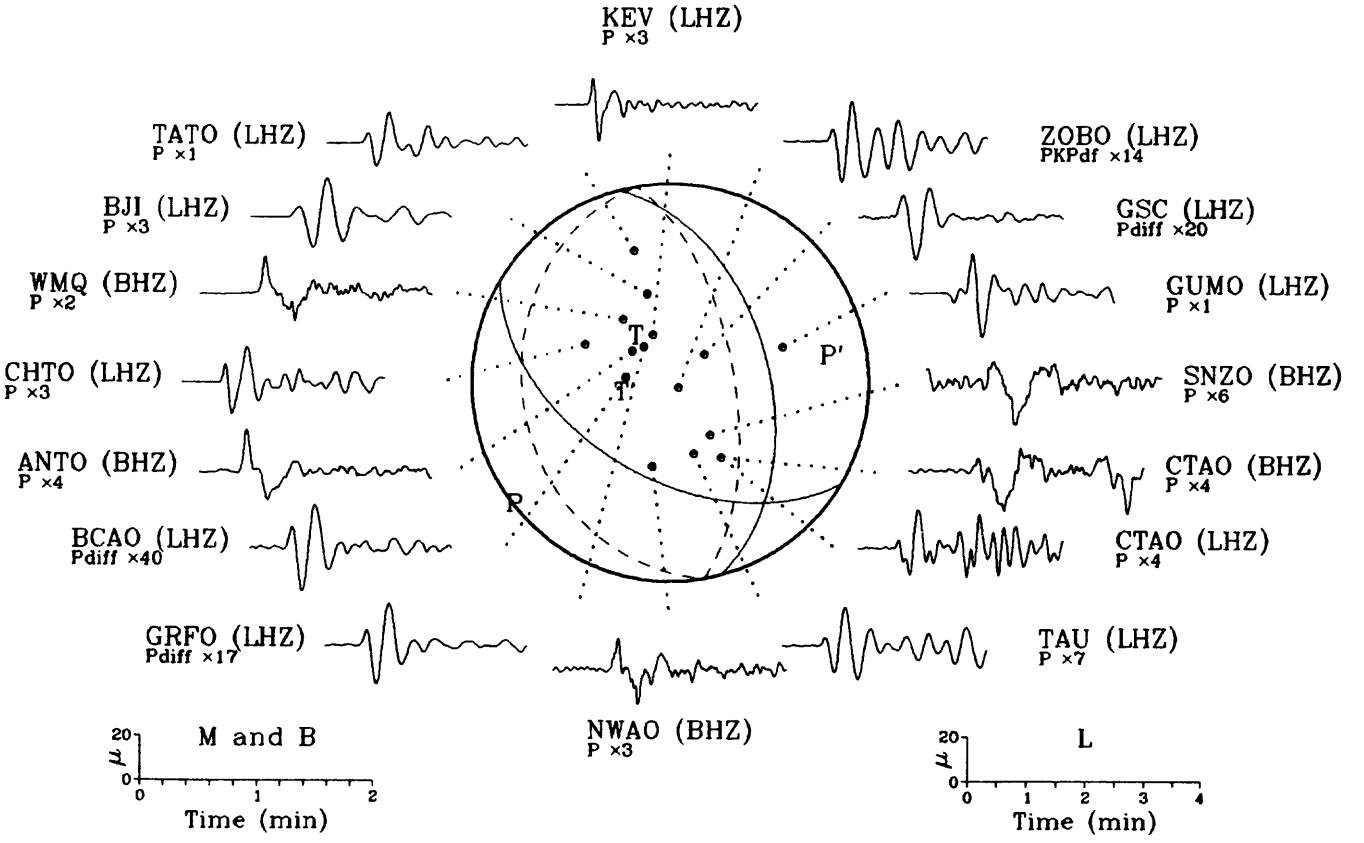
15 October 1990 01:35:44.56
Southwest of Sumatera



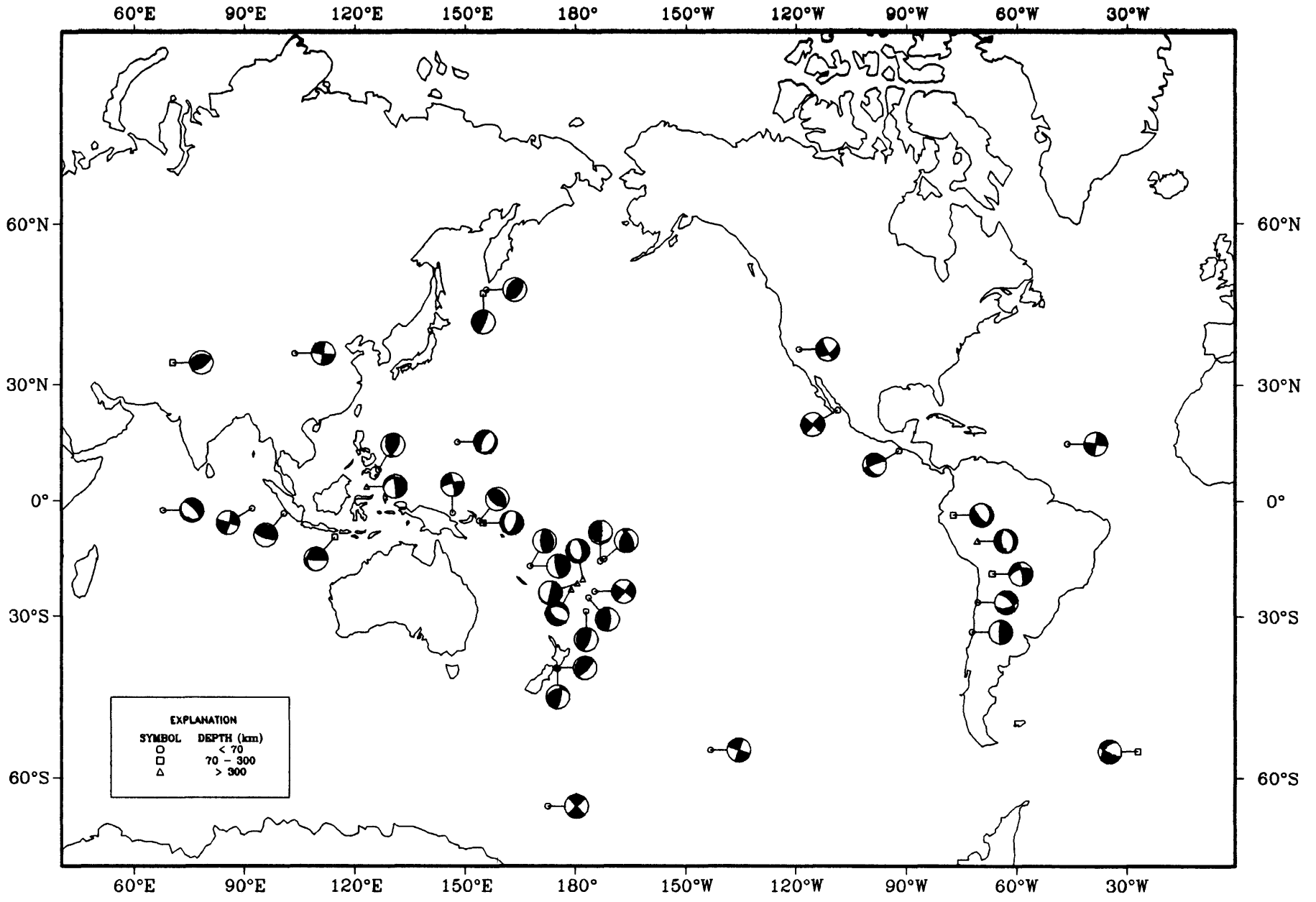
17 October 1990 14:30:13.16
Peru–Brazil Border Region

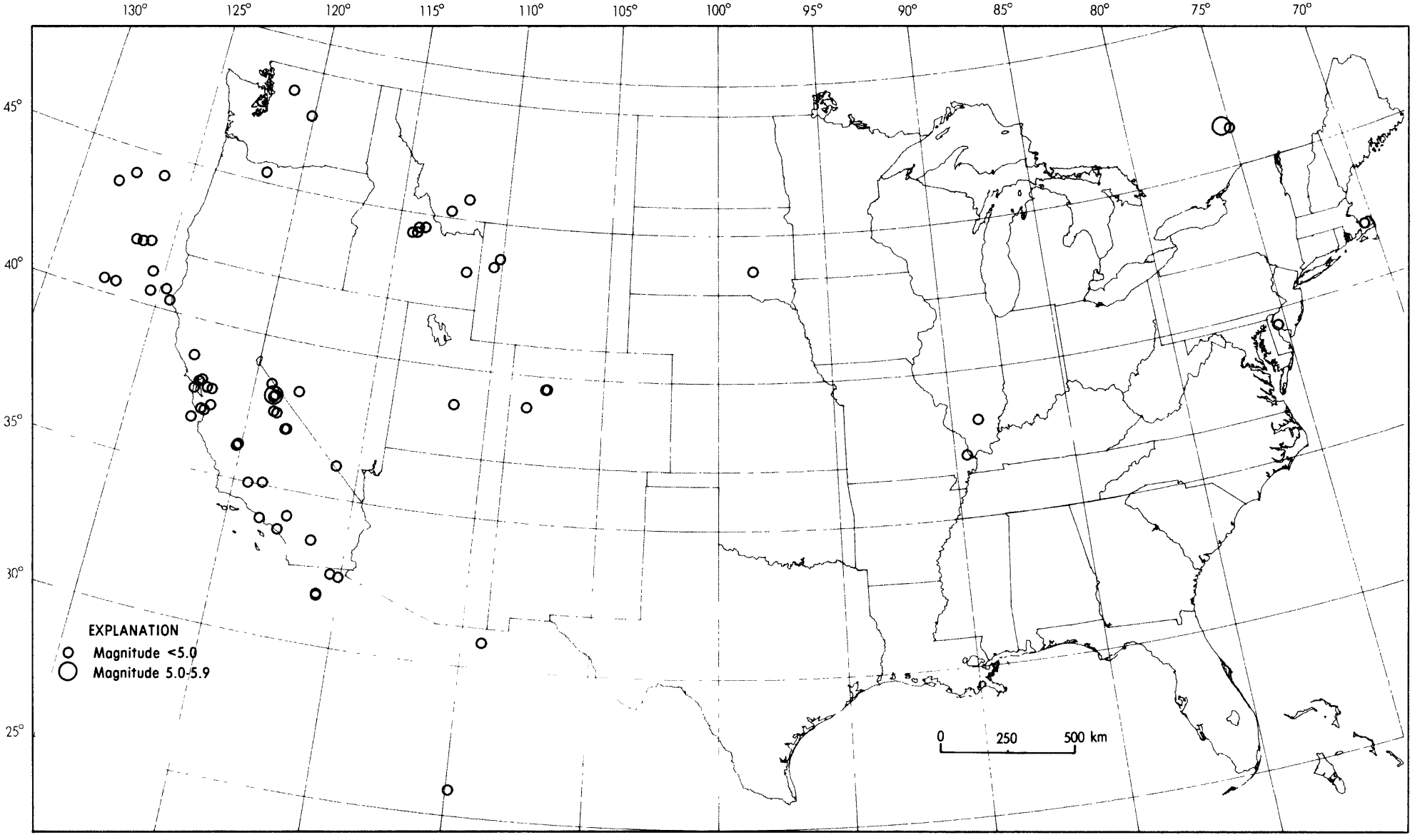


25 October 1990 11:01:38.72
Mindanao, Philippine Islands

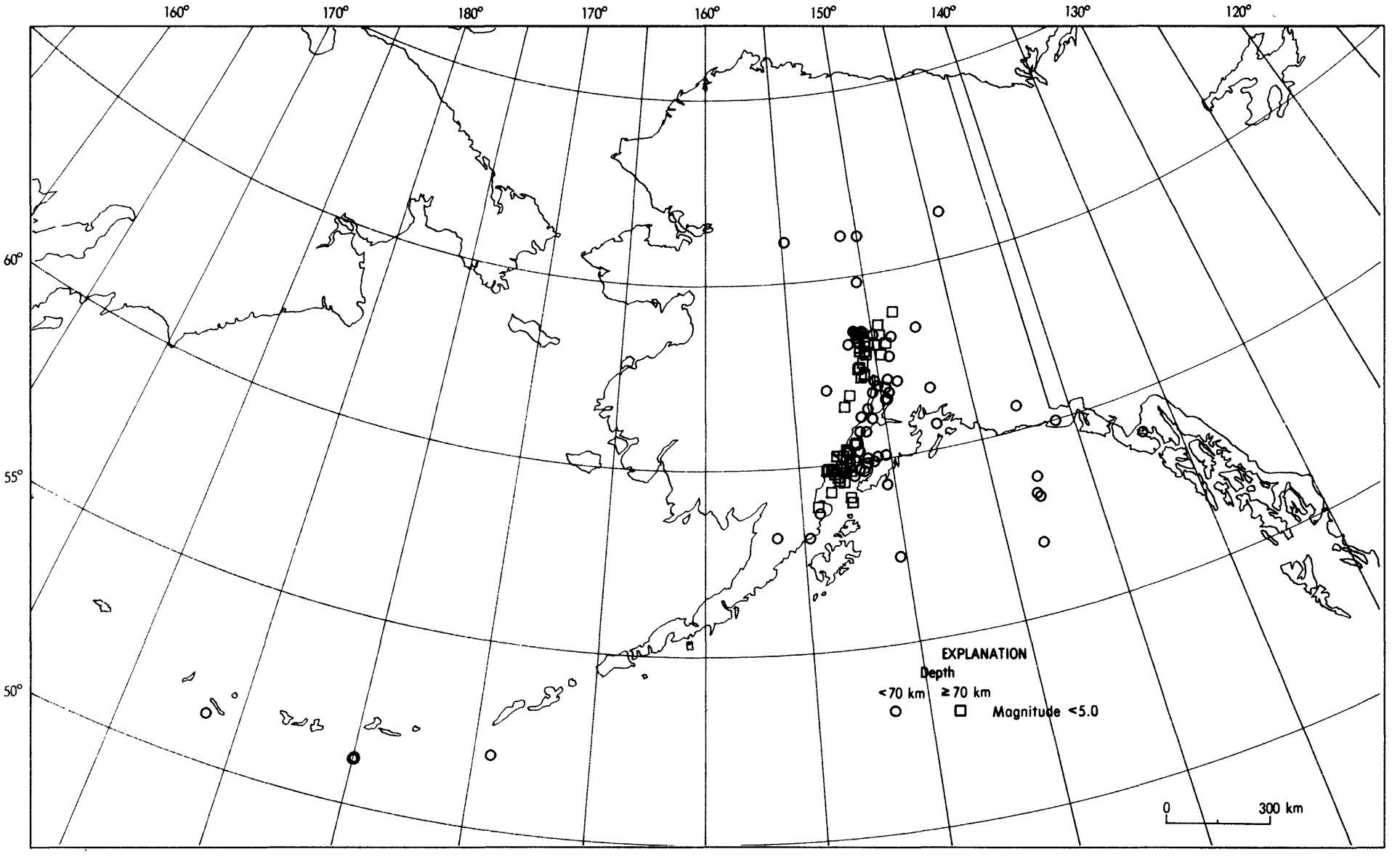


Earthquake Focal Mechanisms for October 1990

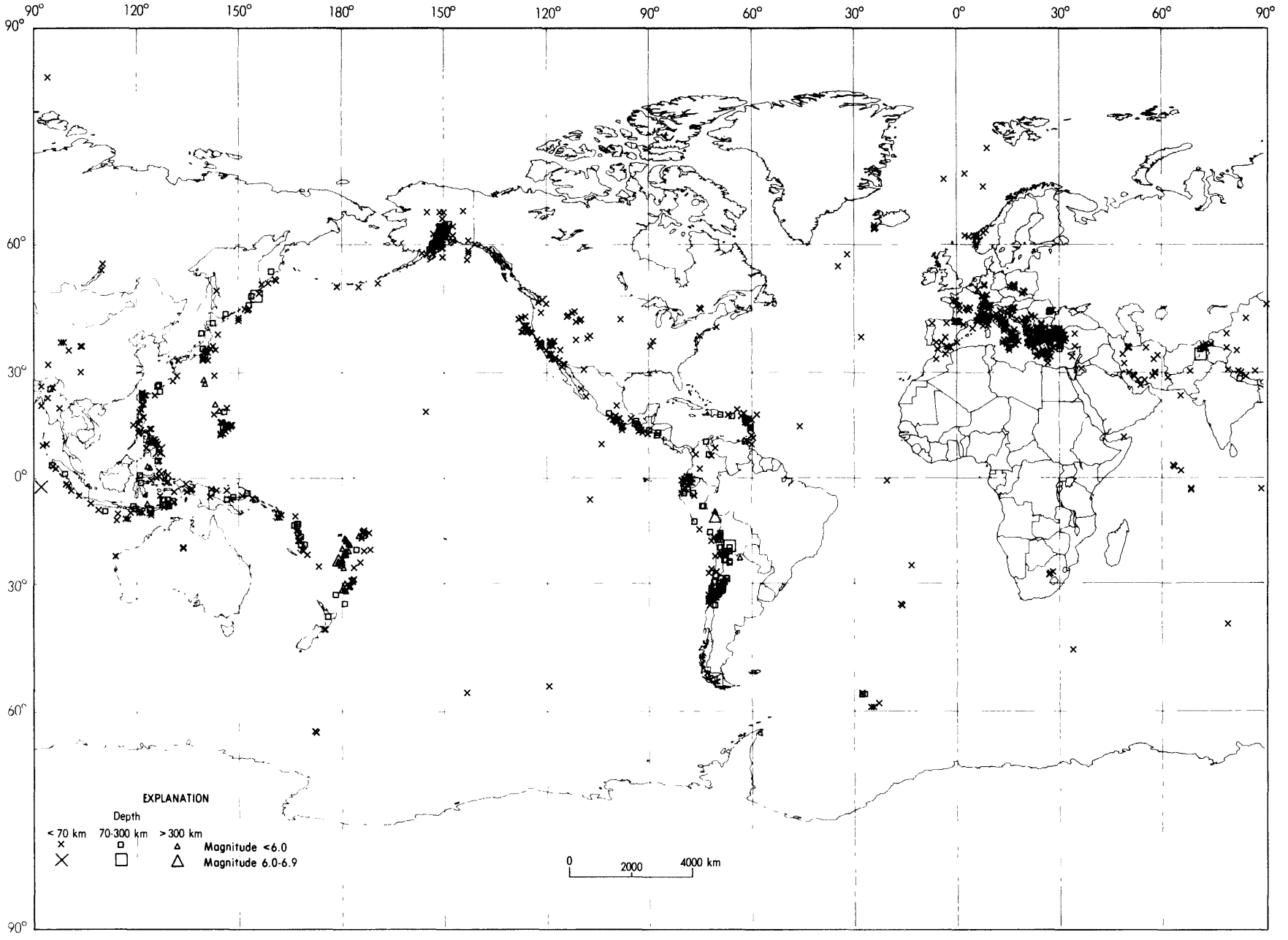




Earthquake epicenters in the conterminous United States and adjacent regions for October, 1990 (C. Stover).



Earthquake epicenters in Alaska and adjacent regions for October, 1990 (C. Stover).



Earthquakes located in October, 1990 (C. Stover).

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MONTHLY LISTING

U.S. DEPARTMENT OF THE INTERIOR / GEOLOGICAL SURVEY

National Earthquake Information Center

NOVEMBER 1990

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	04	51.2	40.048	N	28.749	E	10	G			1.5	8	TURKEY
	01	00	34	31.4*	44.022	N	8.732	E	10	G			1.1	14	NORTHERN ITALY. ML 2.6 (LDG), 1.8 (GEN).
	01	00	37	57.5%	45.056	N	10.515	E	10	G			0.6	7	NORTHERN ITALY
	01	01	22	28.6%	44.564	N	7.283	E	10	G			0.4	5	NORTHERN ITALY. ML 1.7 (GEN).
a	01	01	56	44.6*	55.997	S	143.195	W	10	G	5.3	4.8	1.1	24	SOUTH PACIFIC CORDILLERA
	01	02	48	16.1&	31.710	N	115.940	W	6	G				9	BAJA CALIFORNIA. <PAS-P>. ML 3.3 (PAS).
	01	03	16	38.6	36.349	N	9.225	W	17				0.8	18	WEST OF GIBRALTAR. MD 3.6 (MDD), 3.5 (RBA).
a	01	03	39	43.9	3.533	S	139.367	E	35	D	5.8	5.2	1.0	164	WEST IRIAN
	01	03	39	58.7?	44.36	N	7.19	E	10	G			0.0	4	NORTHERN ITALY. ML 1.8 (GEN).
a	01	04	03	19.0	6.704	S	125.636	E	515		5.1		0.9	66	BANDA SEA
	01	04	06	57.0?	30.63	S	177.94	E	33	N	4.5		1.3	9	NORTH OF NEW ZEALAND
	01	05	10	26.3	38.190	N	23.389	E	10	G			1.1	20	GREECE. MD 3.4 (ATH). ML 3.1 (THE).
a	01	06	06	53.2*	4.479	S	104.735	W	10	G	5.1	5.5	1.2	55	NORTHERN EASTER I. CORDILLERA. Ms 5.6 (BRK).
	01	06	57	01.1	5.707	S	150.132	E	160	*	4.7		1.0	25	NEW BRITAIN REGION
	01	07	55	49.3%	40.455	N	23.573	E	10	G			0.2	5	GREECE. ML 1.8 (THE).
	01	10	34	02.9?	16.65	N	62.32	W	33	N			1.3	8	LEEWARD ISLANDS
	01	13	48	02.5	7.202	S	76.069	W	112	*	4.6		0.7	12	NORTHERN PERU
	01	15	18	00.6%	40.643	N	15.608	E	10	G			1.2	11	SOUTHERN ITALY
	01	15	33	46.5&	38.698	N	119.542	W	6					17	CALIFORNIA-NEVADA BORDER REGION. <BRK>. ML 3.2 (BRK). Felt (III) at Tapaz Lake, Nevada and Markleeville, California.
	01	17	08	47.9?	17.14	N	96.99	W	153	?			1.2	8	OAXACA, MEXICO
	01	17	52	26.4	18.094	S	178.427	W	601		5.0		0.8	133	FIJI ISLANDS REGION
	01	18	19	02.0*	39.301	N	23.681	E	10	G			0.2	6	AEGEAN SEA. ML 2.5 (THE). MD 2.8 (ATH).
	01	18	43	52.5?	31.29	S	68.84	W	102	?			0.3	7	SAN JUAN PROVINCE, ARGENTINA
	01	19	02	42.5*	20.893	S	33.031	E	10	G			1.5	9	MOZAMBIQUE. mbLg 3.7 (BUL).
	01	19	41	41.4*	21.145	S	32.653	E	10	G	4.6		1.2	9	MOZAMBIQUE. mbLg 4.4 (BUL).
	01	20	14	59.2&	38.042	N	119.162	W	9					9	CALIFORNIA-NEVADA BORDER REGION. <BRK>. ML 3.0 (BRK).
	01	20	19	15.0	5.637	S	148.984	E	177		5.0		0.8	31	NEW BRITAIN REGION
	01	20	35	19.3?	44.38	N	7.32	E	10	G			0.1	4	NORTHERN ITALY. ML 1.6 (GEN).
	01	23	14	31.3	20.932	S	33.088	E	10	G			0.7	9	MOZAMBIQUE. mbLg 3.6 (BUL).
	01	23	42	16.1%	38.859	N	26.547	E	10	G			0.9	6	AEGEAN SEA. MD 3.0 (ISK).
	02	00	38	09.0*	43.138	N	17.536	E	10	G			1.0	5	YUGOSLAVIA. ML 2.1 (TTG).
	02	00	38	59.8?	39.18	N	26.33	E	10	G			1.5	5	TURKEY. MD 3.3 (ISK).
	02	01	11	52.7%	40.805	N	13.008	E	10	G			0.8	10	TYRRHENIAN SEA
	02	01	16	36.7*	17.092	S	175.225	W	307	?	4.5		1.1	19	TONGA ISLANDS
	02	01	41	28.4*	23.854	S	179.855	E	570	*	5.1		1.1	26	SOUTH OF FIJI ISLANDS
	02	02	00	49.7?	20.74	S	33.43	E	10	G	4.2		1.1	5	MOZAMBIQUE
	02	02	08	15.0?	31.85	S	71.75	W	10	G			1.0	10	NEAR COAST OF CENTRAL CHILE
	02	03	12	44.3?	33.99	S	71.88	W	28				0.3	8	NEAR COAST OF CENTRAL CHILE
	02	04	10	48.9&	63.924	N	148.922	W	116					51	CENTRAL ALASKA. <AGS-P>.
	02	04	42	19.7&	64.991	N	146.630	W	18					18	CENTRAL ALASKA. <AGS-P>.
	02	06	14	15.2*	31.811	S	71.602	W	10	G			0.8	11	NEAR COAST OF CENTRAL CHILE
	02	06	47	19.5?	31.21	S	68.63	W	33	N			0.6	5	SAN JUAN PROVINCE, ARGENTINA
a	02	07	22	35.6	21.251	S	174.366	W	28	D	5.6	5.3	1.2	174	TONGA ISLANDS. Ms 5.7 (BRK). Mo=6.0*10**17 Nm (PPT).
	02	07	28	46.6&	59.304	N	151.836	W	69					47	KENAI PENINSULA, ALASKA. <AGS-P>.
	02	07	39	27.9%	59.621	N	4.648	E	10	G			0.8	7	SOUTHERN NORWAY. MD 2.0 (BER).
	02	07	49	06.2&	47.786	N	122.338	W	23					68	WASHINGTON. <SEA>. CL 2.7 (SEA).
	02	07	53	44.0%	59.635	N	4.717	E	10	G			0.8	7	SOUTHERN NORWAY
	02	08	45	33.2	26.406	N	129.150	E	33	N	4.9		1.1	19	RYUKYU ISLANDS
	02	08	57	24.4	40.855	N	21.612	E	10	G			1.3	18	GREECE. MD 3.2 (ATH). ML 2.7 (ROM).
	02	10	36	34.6	40.500	N	21.783	E	10	G			0.5	6	GREECE. ML 2.1 (THE).
	02	11	09	18.1	13.777	N	143.934	E	33	N	4.8		1.0	21	SOUTH OF MARIANA ISLANDS
	02	11	18	33.4?	8.34	S	149.43	E	33	N	4.0		0.9	5	EAST PAPUA NEW GUINEA REGION. ML 4.0 (PMG).
a	02	12	50	17.8	41.188	N	142.158	E	71	D	5.3		1.0	269	HOKKAIDO, JAPAN REGION. mb 5.4 (BRK). Felt (IV) at Misawa, Honshu.
	02	15	36	02.4?	21.70	S	32.65	E	10	G			0.7	6	MOZAMBIQUE. mbLg 3.3 (BUL).
	02	15	49	03.3*	33.673	S	71.595	W	10	G			0.4	7	NEAR COAST OF CENTRAL CHILE

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	02	16	01	44.9*	16.896	N	62.028	W	33	N		0.7	8	LEEWARD ISLANDS. ML 3.1 (FDF).
	02	17	07	07.5	37.223	N	28.581	E	10	G		0.9	8	TURKEY. MD 3.4 (ISK).
	02	17	07	43.2%	40.535	N	23.589	E	10	G		0.6	8	GREECE. ML 2.1 (THE).
	02	18	34	18.9?	33.89	S	72.01	W	10	G		0.8	9	OFF COAST OF CENTRAL CHILE
	02	20	59	26.8	26.951	S	63.317	W	558		5.1	1.0	97	SANTIAGO DEL ESTERO PROV., ARG.
	02	21	17	01.7	43.279	N	19.412	E	10	G		1.1	10	YUGOSLAVIA. ML 2.6 (TTG).
	02	21	25	25.3	43.187	N	0.532	W	10	G		1.0	35	PYRENEES. ML 4.1 (LDG). mbLg 3.5 (MDD). Felt (V) at Sarrance and Arudy, France.
	02	21	54	04.4*	65.239	N	145.920	E	10	G	4.6	1.0	13	EASTERN SIBERIA
	03	00	18	04.9&	60.072	N	152.595	W	104				67	SOUTHERN ALASKA. <AGS-P>.
	03	00	22	21.1%	41.685	N	13.372	E	10	G		0.9	7	SOUTHERN ITALY
a	03	00	31	28.8	21.358	S	33.282	E	10	G	4.9 5.1	1.4	52	MOZAMBIQUE
	03	03	06	23.3*	47.244	N	6.827	E	10	G		0.9	8	FRANCE. ML 2.4 (LDG).
	03	03	11	53.9*	49.176	N	6.803	E	10	G		1.5	8	GERMANY
	03	03	23	14.3%	39.024	N	27.873	E	10	G		1.3	8	TURKEY. MD 2.9 (ISK).
	03	04	33	06.6*	17.990	N	105.427	W	33	N	4.2	1.1	22	OFF COAST OF JALISCO, MEXICO
	03	04	35	15.0	27.562	N	96.758	E	42	*	4.7	1.2	21	BURMA-INDIA BORDER REGION
	03	05	26	32.8*	52.735	N	35.077	W	10	G	4.4 3.2	0.8	16	NORTH ATLANTIC OCEAN
	03	07	01	24.3%	44.475	N	7.266	E	10	G		0.3	8	NORTHERN ITALY. ML 2.3 (GEN).
	03	07	48	03.4?	31.09	S	68.79	W	33	N		0.5	5	SAN JUAN PROVINCE, ARGENTINA
	03	07	49	56.1&	61.647	N	149.790	W	46				58	SOUTHERN ALASKA. <AGS-P>. ML 3.5 (PMR).
	03	08	50	04.8	26.259	S	27.419	E	5	G		1.3	8	REPUBLIC OF SOUTH AFRICA. mbLg 3.5 (BUL).
	03	10	35	34.8*	13.531	N	144.599	E	196		4.4	0.8	19	MARIANA ISLANDS
	03	11	04	50.5&	36.943	N	121.690	W	5				17	CENTRAL CALIFORNIA. <BRK>. ML 3.0 (BRK). Felt (III) at Watsonville.
a	03	11	20	19.3	14.656	N	54.303	E	10	G	5.1 4.6	1.2	132	ARABIAN SEA
	03	11	43	12.0%	40.678	N	29.968	E	10	G		0.1	5	TURKEY
	03	12	19	54.8&	68.343	N	148.204	W	0				15	ALASKA. <AGS-P>. Felt (II) at Big Lake.
	03	12	46	51.8&	62.028	N	150.506	W	9				49	CENTRAL ALASKA. <AGS-P>. Felt (III) at Skwentna.
	03	12	59	05.6%	42.390	N	18.658	E	10	G		0.2	5	YUGOSLAVIA. MD 2.2 (TTG).
	03	13	47	21.5&	40.893	N	125.022	W	11		3.8		96	OFF COAST OF NORTHERN CALIFORNIA. <BRK>. ML 4.2 (BRK). Felt (III) at Eureka and Westhaven. Also felt at Arcata and McKinleyville.
	03	13	53	23.6	38.482	N	1.329	W	10	G		1.3	38	SPAIN. mbLg 3.9 (MDD). ML 3.4 (LDG). Felt (IV) at Jumilla.
	03	14	15	52.7%	41.187	N	28.802	E	10	G		0.9	7	TURKEY. MD 2.2 (ISK).
a	03	14	17	49.5	18.129	S	178.458	W	602		5.0	0.9	138	FIJI ISLANDS REGION
	03	14	26	12.1?	63.64	N	24.35	W	10	G	4.4 3.6	1.5	23	ICELAND REGION
	03	14	51	00.5	14.835	N	99.168	E	10	G	4.2	1.2	19	SOUTHEAST ASIA. Felt in Kanchanaburi Province, Thailand.
	03	15	21	01.7	12.902	N	122.493	E	33	N	4.7	1.4	33	LUZON, PHILIPPINE ISLANDS
	03	15	39	19.5&	62.034	N	149.440	W	9				57	CENTRAL ALASKA. <AGS-P>.
a	03	16	39	57.7	39.031	N	71.426	E	51	*	5.6 4.7	1.2	287	TAJIK SSR. Felt (VI) at Lyakhsh and Karakendzha; (V) at Tadzhikabad, Dzhirgatai, Novabad, Tavildara and Childara; (IV) at Garm, Nurek, Fayzabad, Obigarm and Kulyab; (III) at Leninabad, Ordzhanikidzeabad and Dushanbe.
	03	17	25	13.8	40.882	N	89.071	E	22	D	5.1 4.1	1.0	129	SOUTHERN XINJIANG, CHINA
	03	17	29	08.5&	61.987	N	147.576	W	40				62	SOUTHERN ALASKA. <AGS-P>.
	03	19	47	09.2	17.605	S	69.487	W	144		4.8	1.2	58	PERU-BOLIVIA BORDER REGION
	03	20	00	20.8	7.475	S	128.273	E	140		5.4	1.0	99	BANDA SEA
	03	20	43	03.2	45.204	N	150.091	E	50	G	4.6 3.9	0.7	36	KURIL ISLANDS
	03	23	39	20.2?	41.00	N	28.61	E	10	G		0.2	4	TURKEY. MD 2.0 (ISK).
	04	00	04	05.0	43.952	N	7.682	E	10	G		0.2	10	NEAR SOUTH COAST OF FRANCE. ML 2.1 (LDG), 2.0 (GEN).
	04	00	09	09.7	43.861	N	8.263	E	10	G		0.6	12	CORSICA. ML 2.3 (GEN), 2.1 (LDG).
	04	01	50	11.9*	21.302	S	33.377	E	10	G		1.1	6	MOZAMBIQUE. mbLg 3.7 (BUL).
	04	02	39	45.1?	16.51	N	61.26	W	32	?		0.4	5	LEEWARD ISLANDS. ML 2.9 (FDF).
	04	04	08	07.5?	34.94	N	11.35	E	10	G	3.8	1.0	13	TUNISIA
	04	05	02	36.4	56.306	N	153.521	W	33	N	4.4	0.9	45	KODIAK ISLAND REGION. ML 4.5 (PMR).
	04	05	20	21.0&	41.277	N	124.997	W	5	G			6	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 2.8 (BRK).
	04	05	49	23.6?	31.71	S	70.35	W	33	N		1.2	11	CHILE-ARGENTINA BORDER REGION
	04	06	08	54.0	56.339	N	153.554	W	33	N	4.6 3.8	1.0	52	KODIAK ISLAND REGION. ML 4.7 (PMR).
	04	06	55	59.8?	13.12	S	173.47	W	33	N	4.7	1.3	5	SAMOA ISLANDS REGION
	04	07	03	53.4&	60.027	N	153.155	W	127				38	SOUTHERN ALASKA. <AGS-P>.
	04	07	13	21.6	44.126	N	11.568	E	10	G		0.9	12	NORTHERN ITALY. MD 3.1 (TRI).
	04	07	31	15.8	44.106	N	11.565	E	10	G		0.9	14	NORTHERN ITALY
	04	08	07	49.6*	40.829	N	30.089	E	10	G		1.2	10	TURKEY. MD 3.2 (ISK).
	04	08	09	23.8	40.311	N	20.340	E	10	G		1.0	10	GREECE-ALBANIA BORDER REGION. MD 2.9 (ATH). ML 2.4 (THE).
	04	09	29	15.4	38.106	N	22.128	E	11		4.0	1.4	48	GREECE. ML 3.6 (THE), 3.5 (ATH).
	04	10	26	35.4	38.078	N	22.233	E	10	G		1.1	12	GREECE. ML 3.3 (THE), 3.1 (ATH).
	04	11	13	22.7	30.729	N	139.963	E	104		4.6	0.9	49	SOUTH OF HONSHU, JAPAN
	04	12	36	05.4%	39.169	N	27.288	E	10	G		0.7	6	TURKEY. MD 2.7 (ISK).
	04	12	41	53.7*	30.094	N	140.183	E	33	N	4.7 4.1	1.3	33	SOUTH OF HONSHU, JAPAN
	04	12	59	40.6	27.924	S	66.680	W	174	*	4.5	1.4	31	CATAMARCA PROVINCE, ARGENTINA
	04	13	02	58.4	40.704	N	23.202	E	10	G		0.3	8	GREECE. ML 1.9 (THE).
	04	13	34	31.7?	40.26	N	29.53	E	10	G		1.1	5	TURKEY. MD 1.9 (ISK).
	04	14	54	28.3%	40.538	N	15.523	E	18			0.5	10	SOUTHERN ITALY
	04	15	20	52.1?	16.76	N	99.53	W	10	G		0.5	5	NEAR COAST OF GUERRERO, MEXICO. Felt at Acapulco.
	04	15	41	38.3?	7.09	S	106.82	E	88	?	4.2	1.5	13	JAVA
	04	15	43	07.1	14.654	S	167.218	E	149		4.9	0.9	115	VANUATU ISLANDS
	04	16	58	14.0%	1.089	S	78.296	W	10	G		0.3	7	ECUADOR
	04	17	57	32.8*	19.755	N	145.316	E	171	?	4.6	0.9	25	MARIANA ISLANDS
a	04	18	13	43.0	15.721	S	72.619	W	121		5.4	1.1	189	SOUTHERN PERU. Felt (IV) at Arequipa.
	04	18	26	08.1	0.808	N	125.187	E	33	N	5.3	1.1	41	MOLUCCA PASSAGE
	04	19	12	24.0?	1.24	S	77.68	W	10	G		0.8	6	ECUADOR
	04	19	27	06.4*	1.098	S	78.249	W	10	G		0.4	7	ECUADOR
	04	20	05	19.7&	57.016	N	145.860	W	10	G			69	GULF OF ALASKA. <AGS-P>.
	04	20	09	41.8?	36.55	N	7.88	W	10	G		0.7	8	STRAIT OF GIBRALTAR. mbLg 3.2 (MDD).
	04	21	42	27.6*	39.661	N	70.821	E	33	N	4.0	0.4	7	TAJIK SSR. Felt (IV) at Garm and Yaldymych and (II) at Komarau.
	04	21	46	51.6*	39.902	N	77.975	E	33	N	4.0 4.0	1.5	11	SOUTHERN XINJIANG, CHINA
a	04	22	04	45.4	51.186	N	178.948	E	33	N	5.1 5.0	0.9	181	RAT ISLANDS, ALEUTIAN ISLANDS. Ms 5.0 (BRK). Felt (IV)

														on Amchitka and (III) on Adak.
o	04	22	23	06.3	12.975	N	145.198	E	52		5.5	5.1	1.2	119	SOUTH OF MARIANA ISLANDS. Felt (III) at Andersen Air Force Base and at Tamuning. Also felt at Finegayan.
	05	00	20	05.3	33.825	N	137.702	E	317	D	4.9		0.8	137	NEAR S. COAST OF HONSHU, JAPAN
	05	00	25	44.1*	22.012	S	68.076	W	121	?			1.4	9	NORTHERN CHILE
	05	02	21	42.3	27.006	N	53.440	E	40	*	4.5		1.1	30	SOUTHERN IRAN
	05	02	59	01.9%	1.087	S	78.320	W	10	G			1.0	7	ECUADOR
	05	03	23	04.1*	38.255	N	20.332	E	5	G			1.5	5	GREECE. MD 3.1 (ATH).
	05	03	51	47.8&	32.350	N	115.260	W	6	G				3	CALIFORNIA-MEXICO BORDER REGION. <PAS-P>. ML 3.1 (PAS).
	05	04	40	38.9	39.922	N	22.492	E	10	G			0.5	7	GREECE. ML 2.0 (THE).
	05	05	04	12.0%	46.381	N	0.112	W	10	G			1.2	12	FRANCE. ML 2.5 (LDG).
	05	06	01	52.0&	60.183	N	152.299	W	88					76	SOUTHERN ALASKA. <AGS-P>.
	05	07	16	52.4&	38.033	N	119.168	W	10					31	CALIFORNIA-NEVADA BORDER REGION. <BRK>. ML 4.2 (BRK). Mo=2.4*10**15 Nm (BRK). Felt (IV) at Bridgeport, Lee Vining and Mono City; (III) at Murphys; (II) at Mammoth Lakes, California.
	05	07	18	03.0&	38.033	N	119.167	W	10	G				6	CALIFORNIA-NEVADA BORDER REGION. <BRK>. ML 3.2 (BRK). Hypocenter assumed from previous event (BRK).
	05	08	07	45.8*	46.871	N	150.433	E	130	G	4.5		1.3	21	KURIL ISLANDS
	05	09	01	58.9%	39.801	N	27.358	E	7	G			0.8	5	TURKEY. MD 2.6 (ISK).
	05	09	16	20.2?	46.01	N	14.48	E	10	G			1.2	4	YUGOSLAVIA. MD 2.3 (LJU).
	05	09	28	15.6&	63.320	N	151.539	W	42					20	CENTRAL ALASKA. <AGS-P>.
	05	10	26	21.7?	37.03	N	29.36	E	10	G			1.0	4	TURKEY
	05	11	24	13.6?	33.05	S	71.88	W	33	N			0.4	10	NEAR COAST OF CENTRAL CHILE
	05	12	33	56.0*	51.912	N	174.955	E	33	N	4.9		1.3	11	NEAR ISLANDS, ALEUTIAN ISLANDS
	05	12	47	36.9*	17.015	S	176.986	E	33	N	5.0	4.6	1.3	11	FIJI ISLANDS REGION
a	05	13	22	54.5	17.495	S	167.984	E	33	D	5.3	4.9	1.1	69	VANUATU ISLANDS
	05	13	24	22.3%	39.124	N	27.605	E	10	G			0.3	5	TURKEY. MD 2.6 (ISK).
	05	13	27	13.7?	39.56	N	29.53	E	10	G			1.2	5	TURKEY. MD 2.4 (ISK).
a	05	15	34	13.2*	43.651	S	16.157	W	10	G	5.3	5.2	1.2	34	SOUTH ATLANTIC RIDGE
	05	15	50	34.2*	11.229	S	112.655	E	33	N	4.2		1.1	14	SOUTH OF JAVA
	05	16	05	10.3&	61.462	N	146.712	W	21					61	SOUTHERN ALASKA. <AGS-P>. ML 3.3 (PMR).
	05	17	20	27.3	63.064	N	24.208	W	10	G	4.3	3.8	1.2	31	ICELAND REGION
	05	17	20	52.7	15.775	N	93.234	W	122		4.7		1.2	40	NEAR COAST OF CHIAPAS, MEXICO
	05	17	21	20.8*	40.175	N	19.458	E	10	G			1.1	6	ALBANIA. MD 2.9 (ATH).
	05	17	29	16.7	33.526	N	140.898	E	74	*	4.6		1.3	45	SOUTH OF HONSHU, JAPAN
	05	17	33	05.7	43.910	N	7.715	E	10	G			0.7	14	NEAR SOUTH COAST OF FRANCE. ML 2.3 (LDG), 2.3 (GEN).
	05	19	13	31.0?	34.95	N	23.07	E	33	N			1.5	8	CRETE. MD 3.5 (ATH).
	05	19	17	17.0	38.870	N	71.366	E	33	N	4.6	4.8	1.4	52	AFGHANISTAN-USSR BORDER REGION. Felt (V) at Dzhirgotol, USSR.
	05	20	09	36.6*	36.283	N	8.250	W	10	G			0.9	10	WEST OF GIBRALTAR. mbLg 3.2 (MDD).
	06	00	37	15.6	16.336	N	121.095	E	10	G	5.0	4.1	1.2	43	LUZON, PHILIPPINE ISLANDS
o	06	00	40	34.2	20.501	S	178.673	W	607		5.3		1.0	129	FIJI ISLANDS REGION
	06	01	54	30.8	11.892	N	143.596	E	32		4.8	4.4	1.1	35	SOUTH OF MARIANA ISLANDS
	06	03	41	54.1	59.819	S	26.391	W	33	N	4.9		0.6	25	SOUTH SANDWICH ISLANDS REGION
	06	04	50	08.7&	59.802	N	153.583	W	145					38	SOUTHERN ALASKA. <AGS-P>.
	06	05	46	24.9	8.127	S	118.023	E	202	*	5.1		1.1	36	SUMBAWA ISLAND REGION
	06	06	05	43.7%	46.390	N	3.473	E	10	G			0.5	6	FRANCE. ML 1.5 (LDG).
	06	07	07	54.1%	43.628	N	0.588	W	10	G			0.9	8	PYRENEES. ML 3.2 (LDG).
	06	08	34	40.1?	31.24	S	68.53	W	88	?			0.2	5	SAN JUAN PROVINCE, ARGENTINA
	06	10	19	35.9	7.160	S	145.009	E	10	G	3.7		0.6	6	NEAR S COAST OF PAPUA NEW GUINEA
	06	10	24	04.7	11.873	N	143.638	E	33	*	4.9	4.3	0.9	30	SOUTH OF MARIANA ISLANDS
	06	13	00	09.2	20.111	S	169.348	E	108	*	4.7		1.2	35	VANUATU ISLANDS
	06	13	33	02.9&	63.244	N	150.535	W	136					50	CENTRAL ALASKA. <AGS-P>.
	06	13	36	45.1%	40.014	N	27.265	E	10	G			0.5	8	TURKEY. MD 3.0 (ISK).
	06	14	04	26.8	11.866	N	143.601	E	31		4.9	4.4	0.9	36	SOUTH OF MARIANA ISLANDS
	06	14	50	29.4	37.937	S	177.250	E	157		4.8		1.1	50	OFF E. COAST OF N. ISLAND, N.Z. Felt at Gisborne.
	06	15	14	41.8*	6.618	S	130.258	E	33	N	5.0		1.4	16	BANDA SEA
	06	15	21	57.5	35.847	N	35.610	E	10	G	4.4	3.4	1.5	30	JORDAN - SYRIA REGION
	06	15	39	08.4*	0.952	S	79.090	W	109	*	4.5		0.6	13	ECUADOR
	06	15	39	23.2%	16.969	N	96.937	W	33	N			0.5	5	OAXACA, MEXICO
	06	16	18	53.0&	38.045	N	119.192	W	3					11	CALIFORNIA-NEVADA BORDER REGION. <BRK>. ML 2.9 (BRK).
	06	16	38	45.2*	15.020	S	167.284	E	150	*	4.1		0.9	41	VANUATU ISLANDS
	06	16	59	21.7&	57.517	N	155.740	W	68					42	ALASKA PENINSULA. <AGS-P>.
o	06	17	27	54.7	7.623	S	159.163	E	39	D	5.5	4.9	1.0	127	SOLOMON ISLANDS. Felt (II) at Honiara.
	06	18	16	29.4	39.179	N	20.546	E	10	G			1.0	15	GREECE-ALBANIA BORDER REGION. ML 3.0 (THE). MD 3.1 (ATH).
f	06	18	45	52.2	28.251	N	55.462	E	11	G	6.2	6.7	1.0	558	SOUTHERN IRAN. Ms 6.7 (BRK), 6.2 (PAS). Mo=1.3*10**19 Nm (PPT). At least 22 people killed, 100 injured, 21,000 homeless and 18 villages severely damaged in the Darab area. Depth from broadband displacement seismograms.
	06	19	30	20.0	28.237	N	55.365	E	18	D	5.4	5.7	1.1	246	SOUTHERN IRAN. Felt in the Darab area.
	06	20	06	11.0*	12.450	N	144.223	E	33	N			0.5	5	SOUTH OF MARIANA ISLANDS
o	06	20	14	29.7	53.452	N	169.871	E	25	G	6.3	7.0	0.9	561	KOMANDORSKY ISLANDS REGION. Ms 6.8 (BRK), 6.5 (PAS). Mo=5.0*10**19 Nm (PPT). Felt (IV) on Attu and Shemya. Two events about 1.5 seconds apart. Depth from broadband displacement seismograms, based on second event.
	06	20	57	33.7	53.309	N	169.827	E	33	N	4.7		1.1	22	KOMANDORSKY ISLANDS REGION
	06	22	17	27.8	9.439	N	145.439	E	43	D	4.9		1.1	34	CAROLINE ISLANDS REGION
	06	22	27	00.2	53.628	N	169.426	E	40	D	5.0		0.8	131	KOMANDORSKY ISLANDS REGION
	06	23	02	28.8	53.381	N	169.761	E	31	D	4.9		0.9	29	KOMANDORSKY ISLANDS REGION
	06	23	22	53.1*	53.404	N	169.835	E	33	N	4.5		1.0	12	KOMANDORSKY ISLANDS REGION
	06	23	38	23.5*	34.126	N	63.219	E	179	*	4.5		0.4	7	NORTHWESTERN AFGHANISTAN
	07	01	37	16.7&	59.872	N	151.870	W	60					19	KENAI PENINSULA, ALASKA. <AGS-P>.
	07	03	04	00.2*	32.697	S	69.695	W	28	*			1.1	9	MENDOZA PROVINCE, ARGENTINA
	07	04	09	00.8*	28.221	N	55.201	E	33	N	4.2		1.2	10	SOUTHERN IRAN
	07	04	12	40.9	27.617	S	71.696	W	60	*	4.7		1.1	26	NEAR COAST OF NORTHERN CHILE
	07	06	50	08.5	39.482	N	17.693	E	10	G			0.8	12	SOUTHERN ITALY. MD 2.9 (ATH).
	07	07	00	54.9%	36.338	N	24.055	E	10	G			1.2	5	SOUTHERN GREECE. MD 3.4 (ATH).
	07	07	25	02.1	37.068	N	3.650	W	23				1.5	37	SPAIN. mbLg 4.0 (MDD). Felt (VI) in the Durcal area.
	07	08	04	23.4%	40.474	N	28.194	E	10	G			0.5	7	TURKEY. MD 2.4 (ISK).

	07	08 20 38.7	27.026	S	63.411	W	580		4.0		0.7	28	SANTIAGO DEL ESTERO PROV., ARG.
	07	09 53 58.9&	60.123	N	152.557	W	91		4.3			85	SOUTHERN ALASKA. <AGS-P>.
	07	10 59 04.5•	32.169	S	71.398	W	33	N			0.6	12	NEAR COAST OF CENTRAL CHILE
	07	11 07 52.8&	33.780	N	116.730	W	10					18	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS). Felt (IV) at Idyllwild and (III) at Cathedral City and Palm Springs.
	07	12 25 50.4	44.376	N	114.117	W	5	G			0.3	14	WESTERN IDAHO. ML 3.8 (BUT).
	07	12 31 25.0	44.737	N	9.946	E	16				1.0	15	NORTHERN ITALY
	07	12 44 04.8&	19.341	N	155.056	W	10					41	HAWAII. <HVO-P>. MD 4.1 (HVO). Felt at Hilo, Kehana, Mountainview and Pahoa.
a	07	14 36 27.7	5.643	N	125.247	E	78		5.5		1.3	131	MINDANAO, PHILIPPINE ISLANDS
	07	14 59 37.5•	58.669	S	25.633	W	33	N	4.9		1.2	19	SOUTH SANDWICH ISLANDS REGION
	07	15 38 13.6%	44.391	N	7.379	E	10	G			0.5	6	NORTHERN ITALY. ML 1.8 (GEN).
	07	16 18 59.2	36.474	N	70.834	E	186	•	4.4		1.3	23	HINDU KUSH REGION
	07	16 41 41.3%	43.882	N	11.561	E	10	G			0.8	7	CENTRAL ITALY
a	07	16 48 38.7	20.701	S	178.293	W	542	D	5.3		0.8	252	FIJI ISLANDS REGION
	07	17 51 52.7•	4.099	S	140.201	E	67	•	4.5		1.2	9	WEST IRIAN
	07	17 56 21.2?	36.99	N	142.38	E	33	N			1.0	9	OFF EAST COAST OF HONSHU, JAPAN
a	07	19 05 27.9	55.974	S	27.538	W	48	G	5.9	5.3	1.0	138	SOUTH SANDWICH ISLANDS REGION. Depth from broadband displacement seismograms.
	07	20 42 29.0	5.876	N	92.075	E	35	D	4.6	4.2	1.0	23	OFF W COAST OF NORTHERN SUMATERA
	07	20 57 41.1%	46.597	N	2.910	E	10	G			1.1	14	FRANCE. ML 3.0 (LDG).
	07	21 32 52.8%	40.536	N	23.659	E	10	G			0.4	6	GREECE. ML 2.2 (THE).
	08	00 38 42.7•	10.912	S	112.814	E	64	?	4.8	3.6	1.2	27	SOUTH OF JAVA
	08	00 46 16.0	44.481	N	10.346	E	10	G			1.3	11	NORTHERN ITALY. ML 3.3 (GEN).
	08	01 41 07.7&	63.198	N	150.691	W	137					23	CENTRAL ALASKA. <AGS-P>.
	08	03 06 18.1?	52.23	N	166.26	W	33	N	4.3		0.2	4	FOX ISLANDS, ALEUTIAN ISLANDS
	08	03 29 43.5%	38.900	N	23.234	E	10	G			0.9	5	GREECE. ML 2.8 (ATH).
	08	03 30 45.2?	31.14	S	68.14	W	33	N			1.1	5	SAN JUAN PROVINCE, ARGENTINA
	08	04 11 22.5%	39.776	N	27.648	E	10	G			0.9	6	TURKEY. MD 2.8 (ISK).
	08	04 18 49.8%	46.531	N	2.915	E	10	G			0.8	9	FRANCE. ML 2.0 (LDG).
	08	04 45 23.4	44.558	N	6.825	E	10	G			0.7	8	FRANCE. ML 2.3 (GEN).
	08	05 05 52.6?	11.78	S	117.92	E	33	N	4.2		1.2	5	SOUTH OF SUMBAWA ISLAND
	08	05 10 11.3?	27.86	N	55.33	E	68	?	4.1		1.0	6	SOUTHERN IRAN
	08	07 06 16.8	9.919	S	116.511	E	72	•	5.1		1.1	42	SUMBAWA ISLAND REGION
	08	07 27 03.6•	37.666	N	26.781	E	10	G			1.2	5	DODECANESE ISLANDS. MD 3.5 (ATH).
	08	07 54 05.6&	60.820	N	151.158	W	52					33	KENAI PENINSULA, ALASKA. <AGS-P>.
	08	08 13 47.3?	6.61	S	129.95	E	33	N	4.0		1.0	9	BANDA SEA
	08	08 46 38.7•	4.989	S	101.768	E	33	N	4.6		0.4	9	SOUTHERN SUMATERA
	08	09 23 19.0	44.299	N	7.480	E	10	G			0.9	11	NORTHERN ITALY. ML 2.4 (LDG), 2.1 (GEN).
	08	09 30 59.0&	36.818	N	121.455	W	2					12	CENTRAL CALIFORNIA. <BRK>. ML 2.5 (BRK).
	08	09 53 55.8•	14.026	N	92.514	W	44	•	4.8		1.2	26	NEAR COAST OF CHIAPAS, MEXICO. Felt in the Puerta Madero area.
	08	10 01 43.6•	36.540	N	71.594	E	33	N	3.8		0.7	9	AFGHANISTAN-USSR BORDER REGION
	08	10 02 12.1	36.858	N	83.005	W	1	G			0.6	23	TENNESSEE. MD 2.7 (TEIC). Probable mine collapse.
	08	10 08 28.2	36.877	N	83.011	W	1	G			0.8	25	TENNESSEE. MD 3.2 (TEIC). Probable mine collapse.
a	08	10 15 46.1	28.881	S	176.187	W	51	D	5.5		1.1	110	KERMADEC ISLANDS REGION. Felt on Raoul Island.
	08	10 46 53.7&	34.449	N	106.856	W	6		4.4			46	NEW MEXICO. <SNM>. MD 4.3 (SNM). Felt (IV) at Bosque, Jarales and La Joya; (III) at Edgewood, Lemitar, Mountainair, Peralta, Palvadera, Sacorra and Tome. Also felt at Belen, Bernardo and Los Lunas.
	08	11 03 46.5&	34.453	N	106.861	W	9					11	NEW MEXICO. <SNM>. MD 3.1 (SNM). Felt in the Bernardo area.
	08	11 37 33.2•	2.550	N	126.649	E	33	N	4.9		1.3	25	MOLUCCA PASSAGE
	08	11 52 25.3?	37.96	N	21.22	E	10	G			1.2	5	SOUTHERN GREECE. MD 3.4 (ATH).
a	08	13 12 54.9	11.757	N	85.872	W	163	D	4.9		1.3	243	NICARAGUA. Felt (II) at San Salvador, El Salvador. Also felt in parts of northern Costa Rica.
a	08	14 10 42.2	8.549	S	108.939	E	74	•	5.4		1.2	87	JAVA
	08	14 28 31.1	41.820	N	20.104	E	10	G			1.1	23	ALBANIA. MG 3.0 (TIR).
	08	14 32 32.0	41.827	N	20.142	E	10	G			1.2	13	ALBANIA. MG 2.8 (TIR).
	08	14 44 37.1&	58.850	N	154.256	W	110					68	ALASKA PENINSULA. <AGS-P>.
a	08	14 56 00.4	13.809	S	66.221	E	10	G	5.1	5.0	0.9	33	MID-INDIAN RISE
	08	16 20 12.6%	44.334	N	8.527	E	10	G			0.6	6	NORTHERN ITALY. ML 1.8 (GEN).
a	08	16 49 22.1	14.054	S	170.514	E	33	N	5.0	4.8	1.0	53	VANUATU ISLANDS REGION
	08	17 21 14.9	44.630	N	6.779	E	10	G			0.8	16	FRANCE. ML 2.1 (GEN), 2.0 (LDG).
	08	17 29 57.8%	61.869	N	4.920	E	10	G			1.1	7	SOUTHERN NORWAY. MD 2.1 (BER).
	08	17 49 50.7•	35.940	N	35.968	E	10	G			1.2	7	JORDAN - SYRIA REGION
	08	17 58 40.3%	44.610	N	6.757	E	10	G			0.1	6	FRANCE. ML 1.8 (GEN).
	08	18 21 37.6?	48.64	N	2.13	W	10	G			1.0	14	FRANCE. ML 3.0 (LDG).
	08	19 38 49.1	47.672	N	7.630	E	10	G			0.9	6	SWITZERLAND. ML 2.6 (LDG).
	08	19 50 22.8	39.464	N	26.157	E	1	G			1.3	10	TURKEY. MD 3.4 (ISK), 3.3 (ATH).
	08	20 02 16.4&	63.372	N	150.997	W	9					13	CENTRAL ALASKA. <AGS-P>.
	08	20 04 08.1•	36.341	N	69.980	E	142	?	3.8		0.5	9	HINDU KUSH REGION
	08	20 38 19.9•	4.800	S	151.749	E	163	•	4.7		1.0	19	NEW BRITAIN REGION
	08	20 53 39.4•	3.754	S	77.950	W	10	G			0.5	6	PERU-ECUADOR BORDER REGION
	08	21 26 58.0	16.093	N	95.745	W	60	•	4.4		1.1	25	OAXACA, MEXICO. Felt at Oaxaca.
	08	23 18 25.6	28.123	N	55.426	E	58	•	4.0		0.6	14	SOUTHERN IRAN
	09	00 11 55.5•	50.662	N	7.115	E	10	G			0.7	5	GERMANY. ML 2.0 (BNS).
	09	02 05 06.1%	0.331	N	78.124	W	10	G			0.5	6	COLOMBIA-ECUADOR BORDER REGION
	09	03 06 02.7%	60.522	N	5.348	E	10	G			1.1	8	SOUTHERN NORWAY. MD 1.8 (BER).
	09	03 09 24.2%	60.520	N	5.111	E	10	G			1.0	8	SOUTHERN NORWAY. MD 1.2 (BER).
	09	03 27 35.1	31.073	S	70.137	W	136	•			0.6	15	CHILE-ARGENTINA BORDER REGION
	09	03 39 15.9&	36.540	N	89.620	W	9					38	NEW MADRID, MISSOURI REGION. <SLM>. MD 3.4 (SLM). mbLg 3.6 (NEIS). Felt (V) at Canran, Dexter and Marston; (IV) at Cape Girardeau, Catran, Lilbourn, New Madrid and Portageville; (III) at Canalou, Jackson, Kewanee, Matthews, Parma and Risco, Missouri. Felt (IV) at Tiptonville and Wynnburg, Tennessee. Also felt at Samburg, Tennessee and Paducah, Kentucky.
	09	07 11 19.8&	34.430	N	116.810	W	4					14	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.5 (PAS). Felt (IV) at Fawnskin and (II) at Big Bear City.
	09	07 12 27.3&	34.430	N	116.800	W	3					4	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	09	07 55 49.4	38.566	N	21.621	E	10	G	3.4		1.1	21	GREECE. ML 3.3 (ATH), 3.2 (THE).

	09	08	36	45.9%	39.074	N	27.633	E	10	G		0.6	5	TURKEY. MD 2.6 (ISK).
	09	09	05	30.6	38.560	N	21.625	E	5	G		1.2	20	GREECE. ML 3.0 (THE). MD 3.2 (ATH).
	09	10	34	03.1%	44.333	N	8.249	E	10	G		0.3	8	NORTHERN ITALY. ML 2.3 (GEN).
	09	10	39	19.0	8.133	S	74.412	W	148		4.8	0.9	65	PERU-BRAZIL BORDER REGION
	09	10	46	20.8&	37.853	N	121.952	W	7				11	CENTRAL CALIFORNIA. <BRK>. ML 2.6 (BRK). Mo=2.9*10**13 Nm (BRK).
	09	10	59	00.4	43.758	N	6.222	E	12			1.1	40	NEAR SOUTH COAST OF FRANCE. ML 3.3 (LDG).
	09	11	34	53.9&	63.215	N	150.920	W	19				50	CENTRAL ALASKA. <AGS-P>. ML 3.5 (PMR).
	09	12	09	10.7&	60.731	N	151.864	W	83				36	KENAI PENINSULA, ALASKA. <AGS-P>.
	09	13	17	54.1?	11.04	N	61.80	W	33	N		0.6	6	WINDWARD ISLANDS. MD 3.4 (TRN).
	09	13	30	13.8*	42.490	N	24.179	E	10	G		1.0	7	BULGARIA. MD 3.0 (ATH).
	09	14	25	12.4*	40.469	N	29.251	E	10	G		0.9	5	TURKEY
	09	14	26	37.7?	28.42	S	67.53	W	140	G		0.7	10	LA RIOJA PROVINCE, ARGENTINA
	09	14	31	51.4	39.231	N	27.857	E	10	G		1.3	17	TURKEY. MD 3.6 (ISK), 3.5 (ATH).
	09	14	35	57.3	39.238	N	27.800	E	10	G		0.4	9	TURKEY. MD 3.0 (ISK).
	09	14	40	24.5	11.869	N	143.587	E	33	N	4.5 4.1	0.8	23	SOUTH OF MARIANA ISLANDS
	09	14	54	26.4?	11.27	N	62.41	W	117	?	4.5	1.2	9	WINDWARD ISLANDS
	09	15	10	47.1	11.923	N	143.726	E	48	*	5.0 4.4	1.0	47	SOUTH OF MARIANA ISLANDS
	09	15	47	33.1	40.124	N	20.578	E	10	G		0.7	10	GREECE-ALBANIA BORDER REGION. ML 2.7 (THE). MD 2.9 (ATH).
	09	15	48	07.3	40.747	N	27.382	E	10	G		0.9	10	TURKEY. MD 3.0 (ISK).
	09	15	53	52.0?	39.90	N	30.69	E	10	G		0.7	5	TURKEY. MD 2.6 (ISK).
	09	16	50	42.7	30.632	N	86.233	E	10	G	4.7 3.9	1.1	43	TIBET
	09	18	45	26.5?	17.16	N	94.87	W	33	N		0.6	4	CHIAPAS, MEXICO
	09	19	09	23.4	30.733	N	86.289	E	10	G	4.9 4.4	1.3	45	TIBET
	09	19	13	39.6	30.921	N	86.327	E	10	G	4.9	1.0	45	TIBET
	09	19	44	23.7*	33.006	S	68.137	W	10	G		0.9	15	MENDOZA PROVINCE, ARGENTINA. Felt (III) at Mendozo.
	09	19	50	23.4?	2.47	S	78.30	W	10	G		0.9	8	ECUADOR
	09	20	39	28.8%	39.186	N	27.896	E	10	G		0.9	8	TURKEY. MD 2.9 (ISK).
	09	20	59	49.1?	11.52	S	117.57	E	33	N	4.5	1.3	7	SOUTH OF SUMBAWA ISLAND
	09	21	00	08.1	40.974	N	19.797	E	10	G		1.2	12	ALBANIA. MD 2.9 (ATH).
	09	21	11	42.2*	9.053	N	84.121	W	36	*	4.5 3.9	1.3	30	COSTA RICA. MD 4.7 (UPA). Felt at San Jose and in other ports of central Costa Rica.
	09	22	16	28.3*	49.155	N	7.062	E	10	G		0.8	5	GERMANY
	09	22	46	08.5	24.157	S	66.861	W	175		4.9	1.1	30	SALTA PROVINCE, ARGENTINA
	09	23	06	05.7	11.835	N	143.688	E	38	*	4.9 4.3	0.9	38	SOUTH OF MARIANA ISLANDS. Felt at Andersen Air Force Base, Guam.
	09	23	11	13.1	11.809	N	143.694	E	33	N	4.8	0.8	21	SOUTH OF MARIANA ISLANDS
	09	23	40	21.8*	5.444	S	149.229	E	139	*		0.8	12	NEW BRITAIN REGION
	10	00	13	50.2?	10.91	N	61.88	W	33	N		0.6	5	TRINIDAD
	10	00	54	51.5*	49.106	N	6.862	E	10	G		1.5	10	GERMANY
	10	01	14	12.7	15.441	N	94.703	W	39		5.0 4.2	1.0	79	NEAR COAST OF OAXACA, MEXICO
	10	01	21	55.2%	37.042	N	3.599	W	10	G		1.2	9	SPAIN. mbLg 2.2 (MDD).
	10	01	52	35.2%	42.276	N	6.829	W	10	G		0.3	5	SPAIN. mbLg 2.7 (MDD).
	10	02	32	31.5?	24.77	S	70.91	W	10	G		0.9	5	NEAR COAST OF NORTHERN CHILE. Felt (III) at Antofagasta.
	10	02	49	53.2?	14.66	N	60.42	W	31	*		0.3	6	WINDWARD ISLANDS. ML 3.1 (FDF).
	10	04	55	28.4	43.522	N	0.566	W	10	G		1.0	23	PYRENEES. ML 3.5 (LDG). mbLg 3.1 (MDD). Felt (IV) in the Lacq oilfield, France.
	10	05	03	03.8	44.294	N	7.226	E	10	G		0.3	9	NORTHERN ITALY. ML 2.1 (GEN), 2.0 (LDG).
	10	06	23	18.8	43.637	N	7.587	E	10	G		0.2	9	NEAR SOUTH COAST OF FRANCE. ML 2.3 (LDG), 2.2 (GEN).
	10	06	43	59.9	62.207	N	1.554	E	11		4.0	1.2	32	NORWEGIAN SEA
	10	07	19	17.7?	39.07	N	15.51	E	260	G		0.4	9	SOUTHERN ITALY
	10	07	38	24.7*	38.813	N	20.436	E	10	G		1.3	11	GREECE. ML 3.2 (THE). MD 3.2 (ATH).
	10	07	41	34.9?	38.94	N	74.67	E	33	N	4.0	0.8	9	TAJIK-XINJIANG BORDER REGION
	10	09	35	44.4*	41.109	N	22.478	E	10	G		0.2	5	YUGOSLAVIA. ML 1.8 (THE), 1.5 (SKO).
	10	09	46	03.2?	35.33	N	71.59	E	33	N	5.3	0.1	7	PAKISTAN
	10	10	04	12.6*	19.218	S	178.204	W	520	*	4.6	1.1	14	FIJI ISLANDS REGION
	10	10	18	21.6?	39.22	N	27.01	E	10	G		1.1	5	TURKEY. MD 2.6 (ISK).
	10	10	29	24.4%	44.521	N	6.866	E	10	G		0.3	8	FRANCE. ML 1.8 (GEN).
	10	11	07	46.8*	1.664	S	100.478	E	80	*	4.9	1.1	41	SOUTHERN SUMATERA
	10	11	27	35.0%	61.862	N	4.960	E	10	G		1.3	6	SOUTHERN NORWAY. MD 2.1 (BER).
a	10	11	30	29.0	12.212	N	93.749	E	33	N	5.3 4.9	1.1	184	ANDAMAN ISLANDS REGION
	10	12	18	16.8&	34.450	N	106.851	W	7				11	NEW MEXICO. <SNM>. MD 3.1 (SNM).
	10	13	12	09.1*	35.847	N	35.871	E	10	G		0.5	5	JORDAN - SYRIA REGION
	10	13	47	49.0?	29.15	S	67.74	W	33	N		0.1	6	LA RIOJA PROVINCE, ARGENTINA
	10	15	23	21.7	51.396	N	15.965	E	5	G		0.7	16	POLAND. ML 4.2 (GRF).
	10	15	41	22.0	21.116	S	178.979	W	633		5.2	0.9	123	FIJI ISLANDS REGION
	10	17	06	04.2	39.953	N	23.881	E	10	G		1.4	15	AEGEAN SEA. MD 2.7 (ATH). ML 2.1 (THE).
	10	17	20	29.9?	6.95	S	80.07	W	33	N	4.8 4.5	0.8	8	NEAR COAST OF NORTHERN PERU. Felt (IV) at Chiclaya.
	10	19	05	54.1	44.367	N	142.161	E	16	D	5.1 4.3	1.0	108	HOKKAIDO, JAPAN REGION
	10	19	28	24.9	7.354	S	128.430	E	137	*	4.9	1.0	60	BANDA SEA
	10	19	47	56.3%	43.200	N	12.608	E	10	G		0.6	7	CENTRAL ITALY
	10	19	58	23.3*	37.452	N	72.258	E	131	?	4.4	0.6	10	TAJIK SSR
	10	20	15	07.2	39.347	N	20.808	E	10	G		1.1	14	GREECE-ALBANIA BORDER REGION. ML 2.7 (THE). MD 3.0 (ATH).
	10	21	04	43.3&	37.260	N	121.628	W	6				12	CENTRAL CALIFORNIA. <BRK>. ML 2.5 (BRK).
	10	21	13	02.4*	33.571	N	140.826	E	40	?	4.9	0.8	14	SOUTH OF HONSHU, JAPAN
	10	23	56	55.8	39.076	N	20.479	E	10	G		1.3	13	GREECE-ALBANIA BORDER REGION. ML 3.0 (THE). MD 3.2 (ATH).
	11	01	53	40.7	49.444	N	28.544	W	10	G	4.5 4.7	1.0	73	NORTH ATLANTIC RIDGE
	11	01	57	20.9	9.613	S	159.818	E	39		4.7 4.9	1.1	38	SOLOMON ISLANDS. Felt (IV) at Haniara.
	11	03	19	44.3	39.215	N	71.832	E	33	N	5.1 4.2	1.2	137	TAJIK SSR. Felt (IV) at Daraut-Kurgan and (II) at Dzhirgatal.
	11	03	31	39.7	39.723	N	22.096	E	15			1.0	39	GREECE. ML 3.4 (ATH).
	11	03	36	14.2&	34.533	N	120.967	W	6	G			6	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	11	03	46	31.9	41.795	N	20.069	E	10	G		1.0	6	ALBANIA
	11	04	05	22.8?	9.37	N	79.39	W	96	?	4.2	0.0	5	PANAMA. MD 4.5 (UPA). Felt at Colon and Panama City.
	11	04	31	13.9	9.815	N	78.457	W	33	N	4.8 4.2	1.2	37	PANAMA. MD 4.7 (UPA). Felt (III) at Colon and (II) at Panama City.
	11	04	34	59.3&	52.081	N	115.070	W	5				14	ALBERTA PROVINCE, CANADA. <PGC-P>. ML 3.6 (PGC).
	11	04	43	15.3	56.976	N	152.827	W	62	*	4.1	0.9	42	KODIAK ISLAND REGION
a	11	07	06	28.9	74.683	N	8.182	E	10	G	4.9 4.8	1.3	89	GREENLAND SEA

	11	07	39	56.0%	46.286	N	6.823	E	10	G		1.3	5	SWITZERLAND. ML 2.3 (LDG).
	11	07	46	06.8*	31.006	N	141.667	E	33	N	4.5	1.1	24	SOUTH OF HONSHU, JAPAN
a	11	07	48	22.3	30.992	N	141.592	E	37	D	5.3 5.0	1.1	189	SOUTH OF HONSHU, JAPAN
	11	07	49	22.7?	5.77	S	145.37	E	103	?		0.5	5	EAST PAPUA NEW GUINEA REGION
	11	09	05	11.3*	47.080	N	146.839	E	400	G	4.5	1.0	15	NORTHWEST OF KURIL ISLANDS
	11	09	11	02.1%	38.384	N	15.424	E	100	G		0.4	7	SICILY
	11	09	51	53.6%	39.117	N	27.541	E	10	G		1.5	6	TURKEY. MD 2.7 (ISK).
	11	09	57	33.2&	59.703	N	150.515	W	39				77	KENAI PENINSULA, ALASKA. <AGS-P>. ML 4.0 (PMR).
	11	10	51	40.2	46.292	N	27.199	E	33	N	3.4	1.2	37	ROMANIA. Felt (IV) in the epicentral area. Also felt at Vidra.
	11	11	33	15.4*	13.841	N	144.442	E	143		5.4	0.9	18	MARIANA ISLANDS. Felt (III) on Guam.
a	11	11	57	37.2	33.985	N	11.941	E	10	G	4.9 5.0	1.2	199	TUNISIA
	11	12	30	50.8	38.311	N	21.970	E	5	G	3.4	1.4	16	GREECE. ML 3.1 (ATH).
	11	12	48	53.0%	39.079	N	27.639	E	10	G		0.5	5	TURKEY. MD 2.5 (ISK).
	11	13	17	19.3?	30.86	S	66.66	W	120	G		0.6	5	LA RIOJA PROVINCE, ARGENTINA
	11	13	18	48.7	43.823	N	12.078	E	10	G		1.2	10	CENTRAL ITALY
	11	13	55	29.2%	39.087	N	27.663	E	10	G		0.7	5	TURKEY. MD 2.6 (ISK).
	11	15	01	17.3*	31.142	N	142.710	E	33	N	4.3	1.1	11	SOUTH OF HONSHU, JAPAN
	11	15	06	50.0	42.296	N	1.087	E	10	G		1.1	25	PYRENEES. ML 3.3 (LDG). mbLg 3.0 (MDD).
	11	15	10	10.1	0.317	N	122.228	E	131	*	5.1	0.9	40	MINAHASSA PENINSULA
	11	16	07	07.1?	39.42	N	16.28	E	10	G		0.3	4	SOUTHERN ITALY
	11	16	19	00.8?	46.10	N	2.64	E	10	G		0.2	4	FRANCE. ML 1.5 (LDG).
	11	16	28	05.3	38.992	N	22.670	E	10	G	3.7	1.0	25	GREECE. ML 3.5 (THE), 3.1 (ATH).
	11	16	42	41.9?	40.71	N	27.34	E	10	G		0.1	4	TURKEY. MD 2.4 (ISK).
	11	16	56	13.8&	62.091	N	153.226	W	0				28	CENTRAL ALASKA. <AGS-P>.
	11	17	13	34.0*	73.894	N	10.105	E	10	G	5.2	1.4	18	NORWEGIAN SEA
	11	17	15	17.2&	60.121	N	153.445	W	144				32	SOUTHERN ALASKA. <AGS-P>.
	11	19	11	36.6*	28.375	N	55.670	E	73	?	3.9	1.3	10	SOUTHERN IRAN
	11	20	20	49.0&	36.850	N	121.580	W	4				14	CENTRAL CALIFORNIA. <BRK>. ML 2.6 (BRK).
	11	20	54	25.9&	62.455	N	147.818	W	2				58	CENTRAL ALASKA. <AGS-P>. ML 3.0 (PMR).
	11	20	56	42.5	28.054	N	55.544	E	85	*	4.2	1.4	33	SOUTHERN IRAN
	11	22	06	03.2%	40.575	N	31.480	E	10	G		0.9	9	TURKEY. MD 3.4 (ISK).
	11	22	16	24.9	46.136	N	14.054	E	22			1.2	130	YUGOSLAVIA. ML 4.7 (GRF), 4.4 (ZAG), 4.4 (VIE), 4.4 (FUR), 4.3 (LDG). Felt (VI) throughout Slovenia. Also felt (V) in the Carinthia area, Austria and (IV) in the Trieste area, Italy.
	11	22	19	46.6?	28.11	N	55.93	E	33	N	4.0	0.9	5	SOUTHERN IRAN. ML 3.9 (BMU).
	11	22	20	44.6?	45.79	N	13.41	E	10	G		1.7	4	NORTHERN ITALY. ML 1.7 (LJU).
	11	22	45	06.9	28.184	N	55.263	E	66	*	4.4	0.6	10	SOUTHERN IRAN
	11	23	07	14.6*	68.799	N	8.624	E	10	G		0.9	10	NORWEGIAN SEA. MD 3.2 (BER).
	11	23	38	48.1%	44.432	N	7.304	E	10	G		0.3	6	NORTHERN ITALY. ML 1.7 (GEN).
a	11	23	59	03.5	24.091	N	121.758	E	34		5.4 5.2	1.1	222	TAIWAN
	12	00	09	34.7%	39.040	N	16.413	E	10	G		0.9	7	SOUTHERN ITALY
	12	00	47	53.8?	40.68	N	27.75	E	10	G		0.1	4	TURKEY. MD 2.0 (ISK).
	12	00	51	31.0?	9.45	S	113.81	E	90	?	4.5	1.6	6	SOUTH OF JAVA
	12	01	05	11.9%	40.426	N	29.059	E	5	G		0.5	9	TURKEY. MD 2.6 (ISK).
	12	01	35	31.9*	27.967	N	56.405	E	33	N	3.9	1.4	6	SOUTHERN IRAN
	12	01	51	52.6&	57.641	N	143.018	W	10	G			27	GULF OF ALASKA. <AGS-P>.
	12	02	18	41.9&	61.586	N	146.559	W	28				40	SOUTHERN ALASKA. <AGS-P>.
	12	02	47	13.8?	5.49	S	128.87	E	164	?	4.8	1.4	6	BANDA SEA
	12	03	36	27.0&	63.507	N	147.874	W	16				29	CENTRAL ALASKA. <AGS-P>.
	12	04	12	56.2	6.014	S	130.413	E	118	*	5.2	1.0	46	BANDA SEA
	12	05	22	09.0?	17.53	N	61.87	W	33	N		0.7	6	LEEWARD ISLANDS. ML 3.1 (FDF).
	12	05	24	51.9?	23.47	S	66.65	W	233	?		1.7	7	JUJUY PROVINCE, ARGENTINA
	12	05	52	56.0?	5.20	S	154.23	E	428	*	5.0	1.5	12	SOLOMON ISLANDS
	12	06	44	51.0&	56.971	N	156.184	W	25				28	ALASKA PENINSULA. <AGS-P>.
	12	07	05	42.0	21.718	N	142.997	E	310	*	4.7	1.0	38	MARIANA ISLANDS REGION
	12	07	59	24.4?	4.62	S	131.05	E	33	N	4.5	1.2	7	BANDA SEA
	12	08	52	14.7%	41.149	N	28.477	E	10	G		0.4	10	TURKEY. MD 2.6 (ISK).
	12	09	02	24.2	42.988	N	18.829	E	10	G		0.5	8	YUGOSLAVIA. ML 2.5 (TTG).
	12	09	12	56.4*	45.496	N	15.378	E	10	G		0.9	10	YUGOSLAVIA. MD 3.0 (LJU), 2.7 (TRI). Felt at Gorski Katar and Zdihovo.
	12	09	30	20.9&	38.043	N	119.160	W	8				8	CALIFORNIA-NEVADA BORDER REGION. <BRK>. ML 2.7 (BRK).
	12	10	34	54.7	40.528	N	23.647	E	10	G		0.8	16	GREECE
	12	10	39	23.4	40.499	N	23.595	E	10	G		0.7	8	GREECE
	12	10	39	45.1	43.160	N	19.059	E	8			1.2	26	YUGOSLAVIA. MD 3.1 (TTG).
	12	10	43	12.0?	16.71	N	95.04	W	33	N		0.8	5	OAXACA, MEXICO
	12	10	47	27.2?	39.14	N	27.47	E	10	G		0.4	4	TURKEY. MD 2.5 (ISK).
	12	10	53	13.3	40.541	N	23.627	E	10	G		0.8	10	GREECE
	12	11	02	47.4	41.343	N	20.907	E	5	G		1.4	12	ALBANIA. ML 2.8 (SKO).
	12	11	05	59.2%	39.394	N	27.715	E	10	G		0.6	7	TURKEY
	12	11	10	54.2%	39.233	N	27.741	E	10	G		1.2	5	TURKEY. MD 2.4 (ISK).
a	12	11	19	50.6	36.403	N	71.160	E	236	D	5.0	1.0	211	AFGHANISTAN-USSR BORDER REGION. Felt (III) at Deonasu, Dushanbe, Garm, Khorog, Lyangar and Regar; (II) at Dzhirgatal, Tashkent and Varzob, USSR. Also felt at Peshawar, Pakistan.
	12	11	28	45.1	37.724	N	20.937	E	11			1.0	22	IONIAN SEA. ML 3.4 (ATH).
	12	11	54	56.8	35.078	N	27.098	E	63		4.0	0.8	28	DODECANESE ISLANDS. MD 4.0 (ATH).
	12	12	19	59.2?	39.62	N	29.54	E	10	G		0.7	6	TURKEY. MD 2.7 (ISK).
	12	12	23	01.4*	31.106	N	141.739	E	55	?	4.7	1.0	19	SOUTH OF HONSHU, JAPAN
a	12	12	28	51.5	42.959	N	78.071	E	19	G	5.9 6.3	1.2	513	ALMA-ATA REGION. Ms 6.1 (PAS). Mo=3.0*10**18 Nm (PPT). Felt (VII) at Kurmenty; (VI) at Ananyeva and Przhevalsk; (V) at Alma-Ata and Rybachye; (IV) at Frunze; (II) at Tashkent. Also felt at Aksu, Kashi, Kuqa and Wushi, China. Depth from broadband displacement seismograms.
	12	12	59	10.5*	41.228	N	143.977	E	33	N	4.4	1.3	8	HOKKAIDO, JAPAN REGION
	12	13	10	39.2?	39.15	N	27.58	E	10	G		0.1	4	TURKEY. MD 2.7 (ISK).
	12	13	52	55.1%	60.809	N	5.136	E	5	G		0.8	5	SOUTHERN NORWAY. MD 1.6 (BER).
	12	14	04	05.6%	47.977	N	6.635	E	10	G		1.0	10	FRANCE. ML 2.8 (LDG).
	12	14	41	43.2%	39.231	N	27.658	E	10	G		1.5	8	TURKEY. MD 2.9 (ISK).
	12	14	42	53.0%	39.273	N	27.666	E	10	G		1.1	8	TURKEY
	12	14	46	00.9%	44.394	N	7.414	E	10	G		0.5	6	NORTHERN ITALY

	12	15 38 25.5%	39.428	N	28.180	E	10	G		0.4	10	TURKEY. MD 3.3 (ISK).
	12	15 45 20.4	33.414	N	75.715	E	68	*	4.7	1.2	36	EASTERN KASHMIR. MD 4.8 (NDI).
	12	15 47 13.8?	8.40	N	58.32	E	10	G	5.0	0.8	28	CARLSBERG RIDGE
	12	15 48 08.2?	9.01	N	58.55	E	10	G	5.2	0.4	18	CARLSBERG RIDGE
	12	15 49 56.8?	9.83	N	58.51	E	10	G	4.9	0.3	9	CARLSBERG RIDGE
	12	15 54 33.0*	8.074	N	58.857	E	10	G	5.1	0.5	16	CARLSBERG RIDGE
	12	16 00 50.5	40.254	N	51.621	E	54	*	5.1 4.7	0.9	164	CASPIAN SEA
	12	16 09 30.3?	6.68	N	72.81	W	160	?		1.1	8	NORTHERN COLOMBIA
	12	16 10 55.6?	47.86	N	1.39	W	10	G		0.2	5	FRANCE. ML 2.6 (LDG).
	12	16 17 52.7	43.226	N	19.028	E	10	G		1.2	76	YUGOSLAVIA. ML 3.9 (TTG), 3.9 (ZAG), 3.5 (LJU). MD 3.9 (ATH). Felt (V) at Pluzine and Zabljak.
	12	16 22 47.3*	43.242	N	19.003	E	10	G		0.8	7	YUGOSLAVIA. ML 2.5 (TTG).
	12	16 38 43.8*	15.588	S	167.470	E	119	*	4.9	1.3	58	VANUATU ISLANDS
	12	16 55 14.9&	60.227	N	152.388	W	82				31	SOUTHERN ALASKA. <AGS-P>.
	12	17 22 44.3?	5.02	S	153.19	E	69	?	4.6	1.5	6	NEW IRELAND REGION
	12	17 56 50.0	43.207	N	19.006	E	10	G		1.1	11	YUGOSLAVIA. ML 3.0 (TTG).
	12	18 16 11.7*	43.260	N	18.962	E	10	G		0.4	6	YUGOSLAVIA. ML 2.3 (TTG).
	12	19 23 17.9	43.172	N	19.061	E	10	G		1.3	14	YUGOSLAVIA. MD 2.9 (TTG).
	12	19 31 51.6*	4.381	S	152.575	E	104	D	4.6	1.1	15	NEW BRITAIN REGION
	12	19 42 43.3	43.169	N	19.074	E	10	G		1.4	24	YUGOSLAVIA. MD 3.0 (TTG).
	12	19 47 45.5&	62.036	N	151.172	W	69				30	CENTRAL ALASKA. <AGS-P>.
	12	20 44 31.4*	43.237	N	19.006	E	10	G		0.7	7	YUGOSLAVIA. ML 2.3 (TTG).
	12	20 58 01.1&	35.987	N	119.985	W	6				11	CENTRAL CALIFORNIA. <BRK>. ML 2.7 (BRK). Felt (IV) at Avenal.
	12	20 58 55.2*	32.473	N	3.584	W	33	N		1.0	7	MOROCCO. MD 4.4 (RBA).
	12	20 58 57.3	25.863	S	179.415	E	491	*	5.1	1.3	50	SOUTH OF FIJI ISLANDS
	12	22 06 01.8?	9.99	S	123.54	E	33	N	3.6	1.3	6	TIMOR
	12	22 39 01.4?	31.89	S	69.90	W	120	G		0.5	6	SAN JUAN PROVINCE, ARGENTINA
	13	00 27 58.6&	59.850	N	151.969	W	61				49	KENAI PENINSULA, ALASKA. <AGS-P>.
	13	00 48 43.9?	11.12	N	83.60	W	33	N	4.5	1.7	9	NICARAGUA. MD 4.6 (UPA).
	13	01 29 40.7?	44.58	N	7.27	E	10	G		0.1	4	NORTHERN ITALY
	13	02 03 09.5&	62.799	N	150.570	W	88				28	CENTRAL ALASKA. <AGS-P>.
f	13	02 35 07.8	46.104	N	138.637	E	14	G	6.2 5.7	1.0	508	NEAR E. COAST OF EASTERN USSR. Mo=3.0*10**18 Nm (PPT). Felt (IV) at Yelabuga, Gornozavodsk, Nevelsk, Pristan, Rudnayo, Shebunino, Terney, Uglegorsk and Yasnomorskiy; (III) at Arsentyevo, Chekhov, Khabarovsk, Kholmsk, Kostromskoe, Mukhen, Pionery, Tomori, Troitskoye and Yablochnyy. Two events about 1.8 seconds apart. Depth from broadbond displacement seismograms, based on first event.
	13	02 51 23.4?	31.41	S	68.20	W	110	G		0.2	4	SAN JUAN PROVINCE, ARGENTINA
	13	04 20 38.4?	16.04	N	61.24	W	10	G		0.4	4	LEEWARD ISLANDS. ML 1.9 (FDF).
	13	06 17 17.1?	30.54	S	177.20	W	33	N		0.8	5	KERMADEC ISLANDS
	13	06 43 35.1*	37.652	N	20.665	E	10	G	4.0	1.3	27	IONIAN SEA. ML 3.6 (ATH).
	13	06 58 03.0	44.044	N	15.650	E	26			0.7	15	YUGOSLAVIA. ML 2.6 (LJU).
	13	07 15 11.5*	15.452	N	147.618	E	33	N	4.8	0.9	15	MARIANA ISLANDS REGION
	13	07 38 57.0	15.588	N	147.802	E	33	N	4.7	0.8	53	MARIANA ISLANDS REGION
	13	08 53 06.4*	40.051	N	20.231	E	10	G		1.2	5	GREECE-ALBANIA BORDER REGION
	13	09 45 28.8	44.292	N	7.459	E	5	G		0.6	11	NORTHERN ITALY. ML 2.2 (LDG).
	13	09 45 29.4?	31.67	S	69.50	W	120	G		0.6	6	SAN JUAN PROVINCE, ARGENTINA
	13	09 56 05.0%	39.077	N	27.575	E	10	G		1.1	7	TURKEY. MD 2.7 (ISK).
	13	10 21 29.9%	39.260	N	27.571	E	10	G		0.6	5	TURKEY. MD 2.6 (ISK).
	13	10 25 15.9*	9.226	N	126.300	E	33	N	4.7	0.9	12	MINDANAO, PHILIPPINE ISLANDS
	13	10 30 00.3	2.445	S	139.863	E	33	N	5.2	1.2	54	NEAR N. COAST OF WEST IRIAN
	13	10 45 51.6%	44.279	N	7.509	E	10	G		0.7	9	NORTHERN ITALY
	13	10 55 43.9?	39.20	N	20.09	E	10	G		1.1	4	GREECE-ALBANIA BORDER REGION
	13	11 04 12.1	36.600	N	71.369	E	184	*	4.5	1.0	65	AFGHANISTAN-USSR BORDER REGION
	13	11 19 28.2%	40.216	N	29.402	E	10	G		0.8	11	TURKEY. MD 2.5 (ISK).
	13	11 21 13.4	39.217	N	20.736	E	10	G		1.4	14	GREECE-ALBANIA BORDER REGION. MD 3.0 (ATH).
	13	11 34 33.6	44.341	N	7.476	E	10	G		0.7	27	NORTHERN ITALY. ML 2.8 (LDG).
	13	11 43 23.3%	41.099	N	28.496	E	10	G		0.5	6	TURKEY. MD 2.5 (ISK).
	13	11 46 41.1?	39.18	N	20.84	E	5	G		1.7	4	GREECE-ALBANIA BORDER REGION. MD 2.8 (ATH).
	13	11 53 51.5*	40.754	N	23.024	E	27	*		1.0	6	GREECE
	13	12 29 19.8	15.575	N	147.809	E	31	D	5.0	0.8	87	MARIANA ISLANDS REGION
	13	12 37 57.7*	15.553	N	147.732	E	33	N	4.8 4.7	0.6	11	MARIANA ISLANDS REGION
	13	13 02 29.0%	39.426	N	28.181	E	10	G		0.9	11	TURKEY. MD 2.9 (ISK).
	13	13 59 19.5	43.206	N	19.049	E	10	G		1.1	14	YUGOSLAVIA. MD 3.0 (TTG).
	13	14 09 59.7*	36.193	N	27.999	E	10	G		1.4	7	DODECANESE ISLANDS. MD 3.8 (ATH).
	13	15 22 03.2*	44.537	N	129.489	W	10	G	4.5	0.5	72	OFF COAST OF OREGON
	13	15 22 13.0&	32.947	N	80.136	W	3				31	SOUTH CAROLINA. <GLD>. MD 3.2 (GLD). Felt (V) at North Charleston. Also felt in the Ladson area and at Charleston Southern University.
	13	16 35 10.0*	43.304	N	18.957	E	10	G		1.2	7	YUGOSLAVIA. ML 2.3 (TTG).
	13	17 40 25.2&	61.253	N	151.334	W	65				44	SOUTHERN ALASKA. <AGS-P>.
	13	17 48 30.3	44.778	N	6.816	E	10	G		0.7	16	FRANCE. ML 2.3 (LDG).
	13	18 58 43.0	6.785	S	131.683	E	33	N	5.0	1.2	47	TANIMBAR ISLANDS REGION
	13	20 06 16.7	39.234	N	20.782	E	5	G		1.2	10	GREECE-ALBANIA BORDER REGION. MD 2.9 (ATH).
	13	20 13 29.3*	0.062	S	16.671	W	10	G	5.0	1.1	45	NORTH OF ASCENSION ISLAND
	13	20 20 35.9%	0.016	S	77.886	W	10	G		0.4	8	ECUADOR
	13	20 26 20.9?	6.95	S	128.78	E	75	?	4.6	1.6	7	BANDA SEA
	13	20 47 23.1?	31.74	S	68.13	W	10	G		1.1	7	SAN JUAN PROVINCE, ARGENTINA
	13	21 01 13.0*	44.490	N	148.694	E	33	N	4.0	1.3	18	KURIL ISLANDS
	13	21 18 55.3*	31.054	S	178.722	W	208	*	5.2	1.3	17	KERMADEC ISLANDS REGION
	13	22 11 52.3	15.640	N	147.789	E	34	D	4.7	0.9	37	MARIANA ISLANDS REGION
	13	22 55 53.2	39.123	N	20.563	E	10	G		1.2	13	GREECE-ALBANIA BORDER REGION. MD 3.0 (ATH).
	13	23 00 43.2&	59.886	N	153.443	W	137				43	SOUTHERN ALASKA. <AGS-P>.
	14	00 03 11.3*	15.641	N	147.850	E	33	N	4.3	0.5	13	MARIANA ISLANDS REGION
	14	00 08 13.6?	41.44	N	23.41	E	5	G		0.0	4	GREECE-BULGARIA BORDER REGION
	14	00 30 43.2?	38.37	N	15.60	E	103	?		1.3	7	SICILY
	14	00 31 39.4*	28.122	S	26.789	E	5	G	4.8	1.5	13	REPUBLIC OF SOUTH AFRICA
	14	01 10 49.7?	46.13	N	14.08	E	10	G		0.3	4	YUGOSLAVIA. MD 2.6 (LJU), 2.1 (TRI). Felt (IV) at Lag Pri Brezovici.
	14	01 42 38.5%	39.223	N	27.667	E	10	G		0.6	8	TURKEY. MD 2.8 (ISK).

	14	01	49	12.1*	44.154	N	148.745	E	79	*	4.7		1.1	36	KURIL ISLANDS
	14	02	35	42.4	48.048	N	6.573	E	15				1.0	49	FRANCE. ML 3.5 (LDG), 3.0 (GRF).
	14	03	14	37.2*	3.034	S	142.068	E	33	N	5.2		1.1	22	NEAR N COAST OF PAPUA NEW GUINEA
	14	04	42	56.0*	35.338	N	69.810	E	33	N	4.0		0.3	8	HINDU KUSH REGION
	14	05	03	53.7%	39.199	N	27.822	E	10	G			1.2	5	TURKEY. MD 2.4 (ISK).
	14	05	11	22.6?	31.29	S	69.98	W	130	G			0.4	6	SAN JUAN PROVINCE, ARGENTINA
	14	05	28	16.4%	43.489	N	8.013	E	10	G			0.4	9	CORSICA. ML 1.9 (LDG).
	14	06	00	10.4	43.506	N	7.947	E	10	G			0.3	12	NEAR SOUTH COAST OF FRANCE. ML 2.5 (LDG).
	14	06	01	24.8%	43.420	N	7.898	E	10	G			1.2	7	NEAR SOUTH COAST OF FRANCE. ML 2.6 (LDG).
	14	06	04	14.4	43.512	N	7.988	E	10	G			0.7	14	NEAR SOUTH COAST OF FRANCE. ML 2.6 (LDG).
	14	06	16	04.8	41.535	N	23.490	E	10	G			0.5	10	GREECE-BULGARIA BORDER REGION. ML 2.5 (SKO).
	14	07	44	55.7	7.616	N	36.026	W	10	G	5.0	4.5	0.7	44	CENTRAL MID-ATLANTIC RIDGE
	14	09	27	05.5%	39.038	N	22.065	E	33	N			0.4	5	GREECE
	14	09	30	01.1&	63.111	N	150.389	W	102					36	CENTRAL ALASKA. <AGS-P>.
	14	09	45	17.2	46.050	N	150.944	E	33	N	4.9		1.0	56	KURIL ISLANDS
	14	09	53	23.8%	39.098	N	27.647	E	10	G			0.8	5	TURKEY. MD 2.7 (ISK).
	14	10	34	49.5%	39.153	N	27.593	E	10	G			0.4	5	TURKEY. MD 2.7 (ISK).
	14	10	44	37.1?	43.40	N	8.02	E	10	G			0.4	5	CORSICA
	14	12	15	00.6*	35.368	N	26.712	E	28		4.4		1.5	18	CRETE MD 4.1 (ATH).
	14	12	22	49.6*	15.641	N	147.837	E	33	N	4.3		0.3	14	MARIANA ISLANDS REGION
	14	12	25	18.1*	42.928	N	24.033	E	10	G			1.6	9	BULGARIA
	14	12	40	50.0?	35.19	N	26.75	E	10	G			1.0	6	CRETE. MD 3.9 (ATH).
	14	13	20	09.2%	40.457	N	23.518	E	10	G			1.1	5	GREECE
	14	13	24	43.5?	16.83	N	60.88	W	33	N			0.6	6	LEEWARD ISLANDS. ML 3.3 (FDF).
	14	13	43	01.5*	15.754	N	147.807	E	33	N	4.4		0.7	18	MARIANA ISLANDS REGION
	14	13	55	38.9%	39.119	N	27.542	E	10	G			0.3	6	TURKEY
	14	14	23	41.0%	40.340	N	27.354	E	10	G			0.6	5	TURKEY. MD 1.9 (ISK).
	14	14	43	37.4	46.105	N	138.527	E	25	D	4.8	4.2	0.9	76	NEAR E. COAST OF EASTERN USSR
	14	14	51	32.5&	61.703	N	149.666	W	46					61	SOUTHERN ALASKA. <AGS-P>. Felt (III) at Palmer.
	14	15	00	37.2%	60.561	N	4.971	E	5	G			0.6	6	SOUTHERN NORWAY. MD 1.4 (BER).
	14	15	31	22.6*	14.846	N	60.260	W	30				1.1	17	WINDWARD ISLANDS. MD 4.0 (TRN). ML 3.6 (FDF).
	14	15	37	52.5*	46.160	N	138.376	E	33	N	4.2		1.3	14	NEAR E. COAST OF EASTERN USSR
	14	16	30	59.0*	12.251	N	141.136	E	127	?	5.4		1.1	13	SOUTH OF MARIANA ISLANDS
	14	16	40	51.4?	27.57	N	55.94	E	33	N	4.1		1.4	6	SOUTHERN IRAN. ML 4.3 (BMU).
	14	17	47	04.4?	39.96	N	26.24	E	10	G			1.4	4	TURKEY. MD 2.9 (ISK).
	14	18	11	58.0	22.258	S	138.805	W	0	G	5.5		1.1	170	TUAMOTU ARCHIPELAGO REGION
	14	18	18	06.9?	39.03	N	20.48	E	10	G			1.0	6	GREECE-ALBANIA BORDER REGION
	14	18	31	32.7*	41.122	N	21.084	E	10	G			1.1	5	YUGOSLAVIA. ML 1.7 (SKO).
	14	18	34	06.8?	2.36	N	79.81	W	10	G			1.3	10	SOUTH OF PANAMA
	14	18	39	23.5%	60.717	N	3.721	E	10	G			1.3	5	NORTH SEA. MD 1.8 (BER).
	14	18	42	28.4?	5.82	S	149.42	E	127	?	4.2		1.3	7	NEW BRITAIN REGION
a	14	18	45	03.8	27.440	N	66.092	E	37	D	5.3	5.1	0.9	246	PAKISTAN
	14	19	03	55.9	44.425	N	7.004	E	10	G			0.3	13	NORTHERN ITALY. ML 2.6 (LDG).
	14	19	17	00.7&	37.227	N	116.371	W	0		5.4			212	SOUTHERN NEVADA. <DOE>. ML 5.1 (BRK). 37° 13' 38.70" N., 116° 22' 16.46" W., Surface Elev. 2059 m., Depth Burial 600 m., Shot Time 191700.71, "HOUSTON," Nevada Test Site (Dept. of Energy).
	14	19	23	37.9&	38.817	N	122.798	W	4					17	NORTHERN CALIFORNIA. <BRK>. ML 3.6 (BRK). Mo=3.4*10**14 Nm (BRK). Felt (V) at Lach Lamand, (IV) at Middletown and (III) at Finley. Also felt at Cobb, Kelseyville and Lakeport.
	14	19	26	36.8?	39.93	N	24.11	E	5	G			0.9	4	AEGEAN SEA
	14	19	34	14.5&	35.953	N	120.537	W	8					13	CENTRAL CALIFORNIA. <BRK>. ML 2.8 (BRK).
	14	20	01	58.5*	35.366	N	26.759	E	33	N			1.6	6	CRETE. MD 3.7 (ATH).
	14	20	21	33.0&	60.593	N	148.695	W	6					48	KENAI PENINSULA, ALASKA. <AGS-P>.
	14	20	30	13.6	42.910	N	3.823	W	10	G			1.1	26	SPAIN. ML 3.7 (LDG). mbLg 3.5 (MDD). Felt (III) at Sedano.
	14	21	02	32.0*	25.752	N	95.783	E	100	G			0.7	6	BURMA-INDIA BORDER REGION
	14	21	08	41.4	15.590	N	147.753	E	30	D	4.9		0.9	44	MARIANA ISLANDS REGION
	14	21	17	19.5*	16.171	N	148.028	E	33	N	4.7		0.8	11	MARIANA ISLANDS REGION
	14	22	14	59.7&	31.940	N	116.240	W	6	G				11	BAJA CALIFORNIA. <PAS-P>. ML 3.9 (PAS).
	14	22	27	58.6	38.910	N	21.767	E	10	G	3.5		1.0	23	GREECE. ML 3.2 (ATH).
	14	22	51	07.9?	7.38	S	128.50	E	140	?	4.7		1.3	11	BANDA SEA
	14	22	57	55.9&	59.921	N	151.899	W	75					67	KENAI PENINSULA, ALASKA. <AGS-P>.
	14	23	36	29.2&	61.301	N	149.429	W	36					49	SOUTHERN ALASKA. <AGS-P>.
	15	01	32	55.3	40.022	N	23.385	E	5	G			0.9	28	GREECE. MD 3.2 (ATH).
	15	01	51	06.0%	1.097	S	78.295	W	10	G			0.2	6	ECUADOR
	15	02	16	42.6	39.874	N	22.519	E	5	G			0.4	9	GREECE
f	15	02	34	32.4	3.908	N	97.457	E	48	D	6.0	6.8	1.1	433	NORTHERN SUMATERA. Ms 6.8 (BRK), 6.7 (PAS). Mo=1.6*10**19 Nm (PPT). At least 1 person killed, 32 injured and estimated 2.1 million U.S. dollars damage caused in the Blangkejeren-Kutacane-Medan area. Landslides occurred in the epicentral area. Felt at Banda Aceh and Lhokseumawe. Also felt at Ipah, Keland, Kuala Lumpur, Pinang and Taiping, Malaysia and Bangkok and Phuket, Thailand. Complex event, observed on broadband displacement seismograms.
	15	03	28	27.9	23.895	N	92.937	E	49	D	4.9	5.2	1.0	74	INDIA-BANGLADESH BORDER REGION. Felt in the Silchar area, India.
	15	03	41	44.5?	11.09	N	62.32	W	111	?			0.5	9	WINDWARD ISLANDS. MD 3.2 (TRN).
	15	03	54	59.5&	34.133	N	116.717	W	6	G				2	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS).
	15	04	27	17.0	17.910	N	97.330	W	70	D	4.7		1.2	42	OAXACA, MEXICO. Felt at Oaxaca and Orizaba.
	15	04	43	42.0?	48.04	N	6.69	E	10	G			0.6	4	FRANCE. ML 2.5 (LDG).
a	15	04	48	12.2	3.9B2	N	97:324	E	30	*	5.8	5.6	1.1	344	NORTHERN SUMATERA. Felt at Blangkejeren. Complex event observed on broadband displacement seismograms.
	15	05	18	45.8	3.909	N	97.291	E	54	*	5.6		1.1	212	NORTHERN SUMATERA. Felt at Blangkejeren. Also felt at Kuala Lumpur, Malaysia.
	15	05	47	22.0	3.923	N	97.349	E	49	*	5.4	4.9	1.0	178	NORTHERN SUMATERA. Felt at Blangkejeren.
	15	06	40	25.6?	14.69	N	91.92	W	33	N	3.7		1.6	10	GUATEMALA
	15	06	49	01.0*	36.513	N	71.304	E	223	*	4.3		0.8	18	AFGHANISTAN-USSR BORDER REGION
	15	06	49	52.6?	46.66	N	0.46	W	5	G			1.4	5	FRANCE. ML 2.4 (LDG).
	15	06	58	51.9?	38.67	N	1.03	W	10	G			1.6	4	SPAIN. mbLg 2.7 (MDD).
	15	07	25	24.3&	34.457	N	106.859	W	7					21	NEW MEXICO. <SNM>. MD 3.6 (SNM). Felt (IV) at Jarales

														and Veguita; (III) at La Joya and Tame. Also felt at Bernardo
	15	09	14	43.0%	45.922	N	25.860	E	10	G		1.3	7	ROMANIA
	15	09	43	11.8	15.024	N	122.036	E	22	D	4.9 4.3	1.2	26	PHILIPPINE ISLANDS REGION. Felt (V) at Manila and (IV) at Quezon City.
	15	09	45	56.3%	40.265	N	29.202	E	10	G		0.2	5	TURKEY. MD 2.0 (ISK).
	15	09	54	51.6%	39.139	N	27.309	E	10	G		0.8	6	TURKEY. MD 2.7 (ISK).
	15	09	57	25.1%	39.075	N	27.618	E	10	G		0.2	5	TURKEY. MD 2.6 (ISK).
	15	10	18	20.5?	39.13	N	27.57	E	10	G		1.3	4	TURKEY. MD 2.5 (ISK).
	15	11	44	41.4&	34.760	N	97.590	W	5	G			20	OKLAHOMA. <TUL>. mbLg 3.9 (TUL), 3.6 (NEIS). Felt (V) at Lindsay and Maysville, (IV) at Bradley and (III) at Elmore City. Also felt at Rush Springs.
	15	11	52	22.3?	39.12	N	27.63	E	10	G		1.2	4	TURKEY. MD 2.2 (ISK).
	15	11	54	32.6	41.845	N	19.754	E	10	G		1.0	21	ALBANIA. MD 2.9 (TTG).
	15	12	41	08.6%	39.627	N	29.527	E	10	G		0.9	7	TURKEY. MD 2.6 (ISK).
	15	13	07	21.6?	39.50	N	29.50	E	10	G		0.6	4	TURKEY
	15	13	19	15.0%	39.127	N	27.682	E	10	G		0.2	5	TURKEY. MD 2.4 (ISK).
	15	13	33	48.5&	32.700	N	115.900	W	6	G			3	CALIFORNIA-MEXICO BORDER REGION. <PAS-P>. ML 3.0 (PAS).
	15	13	35	02.2?	39.12	N	27.75	E	10	G		0.2	4	TURKEY. MD 2.8 (ISK).
	15	13	38	31.7*	3.985	N	97.591	E	61	?		0.4	6	NORTHERN SUMATERA
	15	13	47	15.7&	47.128	N	76.219	W	18	G			16	SOUTHERN QUEBEC. <OTT-P>. mbLg 4.1 (OTT). Felt mildly at Maniwaki.
	15	13	51	08.7%	39.108	N	27.476	E	10	G		0.2	5	TURKEY. MD 2.6 (ISK).
	15	14	08	28.8&	39.527	N	111.097	W	1				2	UTAH. <SLC-P>. CL 3.0 (SLC).
	15	14	10	21.1%	40.316	N	28.929	E	10	G		0.4	5	TURKEY. MD 2.4 (ISK).
	15	14	43	57.7%	41.109	N	28.697	E	10	G		0.6	6	TURKEY. MD 1.8 (ISK).
	15	15	08	31.4%	43.731	N	7.029	E	10	G		0.6	7	NEAR SOUTH COAST OF FRANCE
	15	15	18	00.6	51.119	N	93.238	E	29	D	5.0 4.1	1.0	85	CENTRAL USSR
	15	16	40	52.2?	38.99	N	144.59	E	33	N	4.5	0.7	7	OFF EAST COAST OF HONSHU, JAPAN
	15	16	52	21.4%	42.330	N	19.929	E	10	G		0.5	7	YUGOSLAVIA. ML 2.2 (TTG).
	15	17	32	26.2	0.430	N	125.325	E	33	N	5.0	0.7	17	MOLUCCA PASSAGE
	15	17	41	25.3&	61.563	N	151.961	W	106				63	SOUTHERN ALASKA. <AGS-P>.
	15	19	55	28.5&	62.917	N	151.305	W	107				32	CENTRAL ALASKA. <AGS-P>.
	15	21	41	27.7	49.563	N	156.037	E	33	N	4.6	0.6	28	KURIL ISLANDS
	15	21	48	16.9*	26.180	N	128.699	E	33	N	4.7	1.5	19	RYUKYU ISLANDS
	15	21	59	07.2?	37.92	N	30.30	E	10	G		0.3	4	TURKEY. MD 3.0 (ISK).
	15	23	45	08.6&	60.612	N	151.181	W	52				59	KENAI PENINSULA, ALASKA. <AGS-P>.
	16	00	31	49.0?	31.02	S	67.41	W	33	N		0.7	6	SAN JUAN PROVINCE, ARGENTINA
	16	01	12	37.0?	44.55	N	7.64	E	10	G		0.9	4	NORTHERN ITALY
	16	01	28	08.9&	61.526	N	149.136	W	38				63	SOUTHERN ALASKA. <AGS-P>. Felt (III) at Butte, Palmer and Wasilla.
	16	01	38	15.5&	59.917	N	150.978	W	39				57	KENAI PENINSULA, ALASKA. <AGS-P>.
	16	03	36	41.5&	62.130	N	151.455	W	86				57	CENTRAL ALASKA. <AGS-P>.
	16	04	18	23.4*	29.884	N	70.582	E	33	N	4.7	0.6	9	PAKISTAN
	16	04	55	29.1%	39.344	N	29.156	E	10	G		1.1	6	TURKEY. MD 2.6 (ISK).
	16	04	59	55.5?	32.38	S	68.76	W	100	G		0.2	5	MENDOZA PROVINCE, ARGENTINA
	16	06	13	22.4&	63.048	N	149.551	W	78				38	CENTRAL ALASKA. <AGS-P>.
	16	06	17	29.8%	38.048	N	14.083	E	10	G		1.0	13	SICILY
	16	06	21	02.6?	38.07	N	14.05	E	10	G		1.3	5	SICILY
	16	06	56	57.1?	40.52	N	26.13	E	10	G		1.2	4	TURKEY. MD 2.4 (ISK).
a	16	07	20	10.1	59.707	S	26.244	W	33	N	5.5 5.3	1.0	93	SOUTH SANDWICH ISLANDS REGION
	16	08	33	51.6%	40.588	N	27.219	E	10	G		0.8	12	TURKEY
	16	08	58	10.4%	31.593	S	68.967	W	110	G		0.2	6	SAN JUAN PROVINCE, ARGENTINA
	16	10	06	49.6?	2.88	N	95.82	E	33	N	4.9	1.4	11	OFF W COAST OF NORTHERN SUMATERA
	16	11	53	30.6?	33.73	S	177.40	W	33	N	4.8	1.5	11	SOUTH OF KERMADEC ISLANDS
	16	12	12	00.3&	60.012	N	153.134	W	118				56	SOUTHERN ALASKA. <AGS-P>.
	16	12	26	26.2*	51.228	N	15.710	E	10	G		1.6	7	POLAND. ML 3.0 (KRA).
	16	12	59	12.7&	57.326	N	143.100	W	10	G			49	GULF OF ALASKA. <AGS-P>.
	16	13	29	44.4&	38.433	N	122.760	W	6				11	NORTHERN CALIFORNIA. <BRK>. ML 2.8 (BRK). Felt at Santa Rosa.
	16	14	14	27.8?	11.84	N	62.26	W	159	?	4.3	1.2	12	WINDWARD ISLANDS
	16	14	34	14.0	39.867	N	24.002	E	10	G		1.2	22	AEGEAN SEA. MD 3.0 (ATH).
	16	14	43	52.3*	31.688	S	178.605	W	83	*	5.6	1.3	29	KERMADEC ISLANDS REGION. Felt on Raoul Island.
	16	14	52	17.0&	60.199	N	150.978	W	41				58	KENAI PENINSULA, ALASKA. <AGS-P>.
	16	15	09	34.2*	32.588	S	72.048	W	59	*		1.0	19	OFF COAST OF CENTRAL CHILE. Felt (III) at Valparaiso.
	16	15	41	20.9?	15.26	S	177.70	W	407	*	4.6	1.0	31	FIJI ISLANDS REGION
	16	16	29	04.2	52.099	N	170.983	W	56	*	4.8	0.9	77	FOX ISLANDS, ALEUTIAN ISLANDS
	16	18	36	45.2&	33.250	N	115.617	W	6	G			2	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.5 (PAS).
	16	18	58	09.4?	33.45	S	70.37	W	91	?		1.1	9	CHILE-ARGENTINA BORDER REGION
	16	19	55	39.2?	12.31	N	145.01	E	33	N	4.5	0.4	5	SOUTH OF MARIANA ISLANDS. Felt on Guam.
	16	21	38	50.8?	35.21	S	17.13	W	10	G	4.9	1.1	10	SOUTH ATLANTIC RIDGE
	16	21	42	10.5*	35.344	N	22.914	E	79	?	4.0	1.3	23	MEDITERRANEAN SEA. MD 4.0 (ATH).
	16	22	54	49.0	28.046	N	139.132	E	543	*	4.7	0.9	28	BONIN ISLANDS REGION
	16	23	17	43.2	20.345	S	177.904	W	566	*	4.7	1.0	70	FIJI ISLANDS REGION
	17	00	25	41.8&	32.700	N	115.900	W	6	G			3	CALIFORNIA-MEXICO BORDER REGION. <PAS-P>. ML 2.5 (PAS).
	17	00	47	42.6&	64.689	N	148.990	W	16				38	CENTRAL ALASKA. <AGS-P>.
	17	02	09	24.6	5.830	S	129.231	E	222	*	5.1	1.3	45	BANDA SEA
	17	02	13	05.0*	1.261	N	99.059	E	127	*	4.9	1.1	28	NORTHERN SUMATERA
	17	03	48	13.4	46.031	N	6.610	E	10	G		0.5	8	SWITZERLAND. ML 2.4 (LDG).
	17	04	06	17.2*	47.528	N	147.575	E	400	*	4.3	1.0	17	NORTHWEST OF KURIL ISLANDS
	17	06	51	56.1?	51.39	N	16.27	E	5	G		0.9	6	POLAND. ML 3.1 (GRF).
	17	07	35	35.2&	61.998	N	146.904	W	55		4.0		102	SOUTHERN ALASKA. <AGS-P>. Felt (III) at Lake Susitna and Valdez.
	17	07	42	40.7?	36.33	N	21.34	E	29	*		1.0	12	SOUTHERN GREECE. ML 3.5 (ATH).
	17	07	54	05.6%	46.921	N	0.524	E	10	G		1.2	12	FRANCE
	17	08	07	00.7?	31.18	S	68.95	W	100	G		0.2	5	SAN JUAN PROVINCE, ARGENTINA
	17	08	37	56.7%	40.645	N	29.928	E	10	G		0.5	5	TURKEY. MD 2.2 (ISK).
	17	08	55	03.6%	40.691	N	29.948	E	10	G		0.4	5	TURKEY. MD 2.4 (ISK).
	17	10	24	24.7	8.679	S	79.881	W	35	D	4.7	0.8	39	NEAR COAST OF NORTHERN PERU
	17	10	34	30.3%	39.076	N	27.672	E	10	G		0.3	5	TURKEY. MD 2.5 (ISK).
	17	10	52	27.2	37.677	N	72.347	E	150	G	4.6	0.4	12	TAJIK SSR
	17	12	13	32.3?	39.13	N	27.70	E	10	G		0.4	4	TURKEY. MD 2.9 (ISK).
	17	12	49	23.8?	20.99	S	69.55	W	33	N		0.5	5	NORTHERN CHILE

	17	12	59	56.9*	51.782	N	175.899	W	61 *	4.1	1.0	14	ANDREANOF ISLANDS, ALEUTIAN IS. Felt (IV) on Adak.
	17	13	05	37.3	24.693	N	122.500	E	100 *	4.5	1.1	31	TAIWAN REGION
	17	13	22	15.8&	34.500	N	118.733	W	6 G			7	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.5 (PAS). Felt in the epicentral area.
	17	14	08	01.0%	39.109	N	27.630	E	10 G		0.8	5	TURKEY. MD 2.7 (ISK).
	17	14	13	09.0%	39.102	N	27.619	E	10 G		0.4	6	TURKEY. MD 2.7 (ISK).
	17	14	16	47.0*	4.577	S	76.776	W	121 ?	4.2	0.9	10	NORTHERN PERU
	17	14	34	29.1&	34.500	N	118.730	W	8			15	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS). Felt (III) at Piru.
	17	16	52	20.2	42.282	N	20.026	E	10 G		0.7	7	YUGOSLAVIA. ML 2.2 (TTG).
	17	17	19	34.8	47.103	N	8.938	E	10 G		1.0	7	SWITZERLAND. ML 2.6 (VIE), 2.5 (LDG).
	17	17	23	06.7&	59.782	N	151.881	W	60			42	KENAI PENINSULA, ALASKA. <AGS-P>.
	17	17	40	00.5	43.071	N	110.699	W	5 G		0.6	27	WYOMING. ML 3.1 (BUT).
	17	17	45	49.5*	43.100	N	104.600	E	33 N		1.0	11	MONGOLIA. ML 3.8 (BJI).
	17	19	15	10.4	35.782	N	140.717	E	33 N	4.6 4.0	1.2	34	NEAR EAST COAST OF HONSHU, JAPAN
	17	19	20	55.1?	45.77	N	8.94	E	10 G		0.5	6	NORTHERN ITALY. ML 2.7 (LDG).
	17	19	41	13.7*	51.185	N	179.384	W	33 N	4.6	0.9	20	ANDREANOF ISLANDS, ALEUTIAN IS.
	17	20	00	49.4	5.600	N	126.254	E	33 N	4.8	0.9	23	MINDANAO, PHILIPPINE ISLANDS
	17	22	02	18.9&	63.452	N	150.710	W	12			22	CENTRAL ALASKA. <AGS-P>.
	17	22	12	36.2&	36.792	N	121.525	W	4			14	CENTRAL CALIFORNIA. <BRK>. ML 2.6 (BRK).
	18	00	21	14.4?	25.83	S	177.30	W	179 ?	4.5	1.0	8	SOUTH OF FIJI ISLANDS
	18	02	26	25.2?	31.84	S	68.18	W	100 G		0.5	7	SAN JUAN PROVINCE, ARGENTINA
	18	03	18	49.7&	37.633	N	118.965	W	4			6	CALIFORNIA-NEVADA BORDER REGION. <BRK>. ML 2.6 (BRK).
	18	03	27	11.9	46.905	N	8.928	E	10 G		1.4	24	SWITZERLAND. ML 3.0 (VIE), 2.8 (LDG), 2.6 (GRF).
	18	03	29	29.1*	47.093	N	8.938	E	10 G		1.1	6	SWITZERLAND. ML 2.5 (VIE), 2.3 (LDG).
	18	03	46	17.4*	1.910	S	78.248	W	10 G		1.3	5	ECUADOR
	18	05	03	42.2*	10.787	N	62.374	W	33 N		0.6	9	NEAR COAST OF VENEZUELA. MD 3.7 (TRN).
	18	05	06	06.6&	33.250	N	115.617	W	6 G			4	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.8 (PAS).
	18	05	12	24.5?	21.10	S	175.07	W	143 ?	4.3	1.2	9	TONGA ISLANDS
	18	05	13	04.8	37.022	N	28.167	E	10 G		1.0	8	TURKEY. MD 3.8 (ATH).
	18	06	45	21.4&	62.522	N	148.864	W	55			55	CENTRAL ALASKA. <AGS-P>.
	18	08	40	01.6	39.549	N	28.866	E	10 G		0.8	18	TURKEY. MD 3.5 (ISK), 3.5 (ATH).
	18	09	07	14.1	45.743	N	26.576	E	157 *		1.1	24	ROMANIA
	18	09	37	16.3*	63.116	N	151.173	W	33 N		1.0	5	CENTRAL ALASKA
	18	09	49	47.2*	41.493	N	142.608	E	61 *	4.4	0.9	21	HOKKAIDO, JAPAN REGION
	18	09	58	35.7&	59.533	N	153.273	W	105			42	SOUTHERN ALASKA. <AGS-P>.
	18	11	18	59.8%	38.785	N	27.462	E	10 G		1.7	5	TURKEY
	18	11	30	27.7	41.389	N	142.819	E	54 D	5.0	1.1	78	HOKKAIDO, JAPAN REGION
	18	11	46	57.5?	39.41	N	29.64	E	10 G		0.8	5	TURKEY
	18	12	16	51.1*	3.774	N	97.540	E	57 *	4.2	1.3	10	NORTHERN SUMATERA
	18	12	45	21.2%	40.433	N	28.897	E	10 G		0.7	10	TURKEY
	18	12	56	22.9?	42.03	N	26.84	E	10 G		0.8	5	BULGARIA. MD 2.7 (ISK).
	18	13	08	56.4%	39.125	N	27.710	E	10 G		0.6	6	TURKEY. MD 2.2 (ISK).
	18	13	13	49.2?	13.99	S	72.71	W	91 ?	4.3	1.7	11	PERU
	18	13	35	02.0&	63.338	N	151.986	W	36			26	CENTRAL ALASKA. <AGS-P>.
	18	13	59	30.4*	35.826	N	141.319	E	46 *	4.2	1.4	23	NEAR EAST COAST OF HONSHU, JAPAN
	18	14	15	56.6	2.289	N	84.407	W	33 N	5.0 4.6	1.2	62	OFF COAST OF CENTRAL AMERICA
	18	14	16	41.3?	39.10	N	27.49	E	10 G		0.0	4	TURKEY. MD 2.7 (ISK).
	18	14	20	56.7	50.075	N	7.755	E	28		1.1	40	GERMANY. ML 3.8 (LDG), 3.4 (BNS), 3.4 (GRF). Felt (IV) in the Rhine area south of Koblenz.
	18	14	44	09.8*	16.237	N	60.702	W	29 *		0.4	10	LEEWARD ISLANDS. ML 3.0 (FDF).
	18	15	03	04.9?	48.04	N	6.68	E	10 G		0.8	4	FRANCE. ML 2.5 (LDG).
	18	15	26	11.1*	36.479	N	4 500	W	97 ?		1.3	18	STRAIT OF GIBRALTAR
	18	15	40	03.7?	39.17	N	27.70	E	10 G		0.2	4	TURKEY. MD 2.5 (ISK).
a	18	16	06	54.1	3.878	N	97.357	E	62	5.2	1.1	151	NORTHERN SUMATERA
a	18	16	23	06.9	3.942	N	97.343	E	67 D	5.7	1.1	269	NORTHERN SUMATERA. Felt in the Pinang area, Malaysia. Complex event, observed on broadband displacement seismograms.
	18	16	33	11.0*	37.181	N	11.894	W	10 G		0.7	28	NORTH ATLANTIC OCEAN. mbLg 3.9 (MDD).
	18	18	03	22.8	45.594	N	14.916	E	10 G		1.0	10	YUGOSLAVIA. MD 2.5 (TRI). ML 2.3 (KBA). Felt (V) at Dolga Vas and Livold; (IV) at Kocevje.
	18	18	03	45.6&	59.574	N	150.914	W	39			28	KENAI PENINSULA, ALASKA. <AGS-P>.
	18	18	14	45.8&	62.183	N	151.111	W	75			29	CENTRAL ALASKA. <AGS-P>.
	18	19	46	59.3*	14.622	S	71.902	W	136 *	4.8	1.5	12	PERU
	18	20	09	12.8&	59.361	N	152.751	W	86			45	SOUTHERN ALASKA. <AGS-P>.
o	18	20	28	15.3	17.800	N	63.036	W	92 D	5.5	0.8	307	LEEWARD ISLANDS. MD 5.3 (TRN). Felt (IV) on St. Barthelemy and (III) on Guadeloupe. Also felt an Anguilla, Antigua, St. Croix, St. Martin, St. Thomas and in eastern Puerto Rico.
	18	22	48	08.9	41.610	N	23.464	E	10 G		0.8	11	GREECE-BULGARIA BORDER REGION
	18	23	08	49.6?	39.08	N	28.89	E	10 G		0.3	4	TURKEY. MD 2.6 (ISK)
	18	23	21	39.0	41.535	N	23.742	E	10 G		0.9	26	GREECE-BULGARIA BORDER REGION. MD 3.1 (ATH).
	18	23	59	40.4*	48.436	N	157.037	E	33 N	4.5	0.6	13	KURIL ISLANDS REGION
	19	01	35	15.5*	28.464	S	68.262	W	33 N		1.3	5	LA RIOJA PROVINCE, ARGENTINA
	19	01	36	47.0*	9.892	N	126.008	E	124 ?	4.7	1.1	25	MINDANAO, PHILIPPINE ISLANDS
	19	02	33	17.8	37.007	N	28.154	E	7		0.9	15	TURKEY. MD 3.8 (ISK), 3.7 (ATH).
	19	02	41	22.5	19.140	S	169 308	E	259	4.8	0.9	87	VANUATU ISLANDS
	19	03	03	25.2*	31.659	S	68.855	W	100 G		0.4	8	SAN JUAN PROVINCE, ARGENTINA
	19	03	19	38.2*	6.006	S	130.427	E	33 N	4.2	1.4	10	BANDA SEA
	19	04	15	26.2	18.663	S	178.925	W	511	4.8	0.9	43	FIJI ISLANDS REGION
	19	05	34	08.0%	40.437	N	23.051	E	10 G		0.4	6	GREECE
	19	06	05	06.6*	39.254	N	24.086	E	10 G		0.8	10	AEGEAN SEA
	19	06	09	59.5?	58.86	N	2.34	E	10 G		0.9	6	NORTH SEA. MD 2.8 (BER).
	19	06	23	01.9%	39.021	N	30.227	E	10 G		1.2	6	TURKEY. MD 2.9 (ISK).
	19	08	02	11.7%	43.234	N	18.989	E	10 G		0.4	5	YUGOSLAVIA. ML 2.1 (TTG).
	19	09	36	22.8	36.835	N	29.085	E	10 G		1.1	17	TURKEY. MD 4.2 (ISK).
	19	09	59	28.1%	39.057	N	27.615	E	10 G		0.8	5	TURKEY. MD 2.4 (ISK).
	19	11	34	00.7&	60.081	N	152.383	W	91			35	SOUTHERN ALASKA. <AGS-P>.
	19	13	17	49.9*	33.178	S	71.695	W	33 N		1.1	10	NEAR COAST OF CENTRAL CHILE. Felt (II) at Valparaiso.
	19	13	57	56.8*	10.732	S	164.163	E	40 *	4.8	0.8	13	SANTA CRUZ ISLANDS REGION
	19	14	01	54.9?	40.28	N	29.27	E	10 G		0.7	4	TURKEY. MD 2.0 (ISK).
	19	15	31	15.5&	63.287	N	151.815	W	5			18	CENTRAL ALASKA. <AGS-P>.
	19	15	31	39.9*	1.774	S	134.389	E	33 N	4.9	1.2	9	WEST IRIAN REGION

	19	15	58	20.7	37.030	N	29.530	E	10	G		1.0	8	TURKEY. MD 3.6 (ATH), 3.4 (ISK).
	19	18	08	15.2%	39.264	N	29.238	E	10	G		1.2	7	TURKEY. MD 2.6 (ISK).
	19	23	41	54.9%	39.558	N	28.728	E	10	G		0.6	7	TURKEY. MD 2.4 (ISK).
	20	00	27	24.1	40.214	N	25.086	E	11			0.8	27	AEGEAN SEA. MD 3.4 (ISK).
	20	00	58	23.4*	35.499	N	26.678	E	33	N		1.3	7	CRETE. MD 3.7 (ATH).
	20	01	00	30.9?	37.73	N	20.89	E	5	G		1.7	4	IONIAN SEA. ML 3.4 (ATH).
	20	01	38	09.9?	31.56	S	178.66	E	470	?		1.3	13	KERMADEC ISLANDS REGION
	20	01	39	19.2	40.207	N	20.425	E	5	G		1.3	24	GREECE-ALBANIA BORDER REGION. MD 3.0 (ATH).
	20	02	12	35.5*	31.300	S	68.205	W	100	G		0.6	7	SAN JUAN PROVINCE, ARGENTINA
	20	03	19	22.4*	45.520	N	15.147	E	10	G		0.7	6	YUGOSLAVIA
	20	03	48	01.6%	61.779	N	4.374	E	10	G		0.4	5	SOUTHERN NORWAY. MD 1.8 (BER).
	20	04	42	53.5?	31.71	S	117.06	E	10	G		0.3	4	WESTERN AUSTRALIA
	20	05	16	57.2%	44.553	N	6.790	E	10	G		0.3	5	FRANCE. ML 1.9 (GEN).
	20	05	53	31.8?	16.36	S	73.03	W	105	?	3.8	0.4	7	NEAR COAST OF PERU
	20	06	07	32.8*	38.511	N	17.988	E	10	G		1.5	10	SOUTHERN ITALY. MD 3.0 (ATH).
	20	07	24	07.2	27.559	N	140.039	E	477	*	5.0	0.8	79	BONIN ISLANDS REGION
	20	08	19	11.2&	39.134	N	110.885	W	3		3.2		13	UTAH. <SLC-P>. ML 2.6 (SLC).
a	20	09	03	37.1	0.171	N	127.010	E	114	D	5.6	1.1	131	HALMAHERA
	20	09	16	45.0%	32.675	N	130.356	E	33	N		1.1	11	KYUSHU, JAPAN
	20	10	03	05.5%	39.104	N	27.641	E	10	G		0.2	5	TURKEY. MD 2.6 (ISK).
	20	10	05	18.2?	39.42	N	29.58	E	10	G		1.5	4	TURKEY. MD 2.3 (ISK).
	20	10	12	27.6?	39.40	N	29.56	E	10	G		1.4	6	TURKEY. MD 2.5 (ISK).
	20	10	15	09.4?	39.57	N	29.48	E	10	G		1.3	6	TURKEY. MD 2.5 (ISK).
	20	10	46	40.5*	25.109	N	102.054	E	33	N	4.2	1.4	16	YUNNAN PROVINCE, CHINA. ML 4.5 (BJI).
	20	11	12	28.6?	15.75	N	97.58	W	22	*	4.2	1.0	10	NEAR COAST OF OAXACA, MEXICO
	20	11	58	18.6?	41.94	N	27.40	E	10	G		1.2	4	TURKEY. MD 2.3 (ISK).
	20	12	10	26.8	44.117	N	7.063	E	11			0.6	17	NORTHERN ITALY. ML 2.6 (LDG), 2.5 (GEN).
	20	12	40	56.6?	10.54	N	61.83	W	33	N		1.5	5	TRINIDAD. MD 3.1 (TRN).
	20	12	55	20.8?	44.35	N	7.35	E	10	G		0.4	4	NORTHERN ITALY. ML 1.8 (GEN).
	20	13	09	52.8%	40.283	N	27.941	E	10	G		0.8	14	TURKEY. MD 2.9 (ISK).
a	20	13	37	34.8	45.311	N	150.846	E	41		5.3 4.6	0.8	123	KURIL ISLANDS
	20	13	39	18.8&	63.129	N	149.847	W	99		3.0		80	CENTRAL ALASKA. <AGS-P>.
	20	16	28	26.9	22.691	S	69.884	W	58	D	5.1	1.2	58	NORTHERN CHILE. Felt (IV) at Calama and Tocopillo and (III) at Antofagosta.
	20	18	12	09.2%	31.614	S	68.809	W	100	G		0.2	6	SAN JUAN PROVINCE, ARGENTINA
	20	18	40	39.8	40.297	N	24.044	E	10	G		0.7	13	AEGEAN SEA. MD 2.9 (ATH).
	20	19	27	15.1%	31.527	S	68.146	W	10	G		0.4	6	SAN JUAN PROVINCE, ARGENTINA
	20	19	53	06.5	40.173	N	20.434	E	5	G		1.3	26	GREECE-ALBANIA BORDER REGION. MD 3.2 (ATH).
	20	20	05	44.1&	33.183	N	115.583	W	6	G			3	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.5 (PAS).
a	20	20	17	40.2*	18.109	S	174.667	W	60	?	5.2 5.3	1.4	74	TONGA ISLANDS. Mo=6.0*10**17 Nm (PPT).
	20	20	57	33.4&	36.692	N	121.365	W	1				13	CENTRAL CALIFORNIA. <BRK>. ML 2.5 (BRK).
	20	21	44	08.5	36.784	N	28.974	E	10	G		1.2	7	DODECANESE ISLANDS. MD 3.4 (ISK).
	20	22	00	46.5?	44.36	N	7.32	E	10	G		0.0	4	NORTHERN ITALY. ML 1.9 (GEN).
	20	22	33	08.5	26.385	S	70.816	W	56	D	4.7	1.2	19	NEAR COAST OF NORTHERN CHILE
	20	23	30	44.7%	43.121	N	13.028	E	10	G		0.5	7	CENTRAL ITALY
	21	01	46	32.3*	35.178	N	133.354	E	10	G		1.2	6	SOUTHERN HONSHU, JAPAN
a	21	01	48	26.4	51.650	N	171.331	W	33	N	5.8 5.9	1.1	330	FOX ISLANDS, ALEUTIAN ISLANDS. ML 5.7 (PMR). Ms 5.8 (BRK), 5.8 (PAS). Mo=3.0*10**18 Nm (PPT). Felt on Adak.
	21	01	57	27.6	44.171	N	11.656	E	10	G		0.8	12	NORTHERN ITALY
	21	01	57	41.0	44.109	N	11.453	E	10	G		1.1	32	NORTHERN ITALY. ML 3.3 (LDG).
	21	02	03	28.3*	7.292	S	145.318	E	50	*	4.6	0.7	7	NEAR S COAST OF PAPUA NEW GUINEA
	21	02	07	05.1&	63.849	N	149.196	W	119				49	CENTRAL ALASKA. <AGS-P>.
	21	02	20	01.7?	36.72	N	28.80	E	10	G		0.4	4	DODECANESE ISLANDS. MD 3.0 (ISK).
	21	02	46	16.8&	62.825	N	148.980	W	56				54	CENTRAL ALASKA. <AGS-P>.
	21	03	42	38.5	28.367	N	55.551	E	57		4.6 4.1	0.8	42	SOUTHERN IRAN
	21	04	19	11.6	38.671	N	25.148	E	10	G		1.3	9	AEGEAN SEA. MD 3.4 (ISK), 3.3 (ATH).
	21	04	28	41.9&	41.410	N	111.713	W	8				6	UTAH. <SLC-P>. CL 2.9 (SLC).
	21	05	53	35.0?	47.81	N	1.31	W	10	G		0.6	5	FRANCE. ML 2.0 (LDG).
	21	05	59	18.1&	32.883	N	116.200	W	6	G			2	CALIFORNIA-MEXICO BORDER REGION. <PAS-P>. ML 2.5 (PAS).
	21	06	11	03.8*	11.617	S	166.349	E	63	*	4.9 4.4	0.7	25	SANTA CRUZ ISLANDS
	21	07	32	19.1&	61.056	N	150.844	W	12				44	SOUTHERN ALASKA. <AGS-P>.
	21	07	56	07.3	20.496	S	68.922	W	126	*	4.6	1.0	15	CHILE-BOLIVIA BORDER REGION
	21	07	56	08.4*	32.531	S	71.961	W	87	?		1.2	13	NEAR COAST OF CENTRAL CHILE
	21	08	24	53.8?	39.05	N	27.63	E	33	N		0.1	4	TURKEY. MD 2.6 (ISK).
	21	08	29	00.1	44.034	N	7.274	E	10	G		0.3	13	NORTHERN ITALY. ML 2.8 (LDG).
	21	09	36	17.4?	43.90	N	7.02	E	10	G		0.1	4	NEAR SOUTH COAST OF FRANCE
	21	10	16	50.2%	39.097	N	27.664	E	10	G		0.6	6	TURKEY. MD 2.6 (ISK).
	21	10	51	18.9&	47.984	N	122.780	W	16				55	WASHINGTON. <SEA>. CL 2.6 (SEA).
	21	11	12	24.8%	41.074	N	28.554	E	10	G		0.9	5	TURKEY. MD 2.4 (ISK).
	21	11	17	13.4?	40.76	N	27.50	E	10	G		0.1	4	TURKEY. MD 2.0 (ISK).
	21	11	52	12.7*	23.096	S	66.566	W	222	*	4.0	1.2	11	JUJUY PROVINCE, ARGENTINA
	21	12	09	07.8?	13.20	N	51.32	E	10	G	4.6	1.4	11	EASTERN GULF OF ADEN
	21	12	15	02.0?	39.64	N	29.47	E	10	G		1.1	4	TURKEY. MD 2.2 (ISK).
	21	12	16	08.8?	39.54	N	29.47	E	10	G		1.1	5	TURKEY. MD 2.3 (ISK).
	21	12	16	54.6&	39.493	N	111.071	W	3				8	UTAH. <SLC-P>. ML 3.0 (SLC).
	21	12	23	43.1*	12.046	N	60.165	W	25	*		0.9	9	WINDWARD ISLANDS. MD 3.8 (TRN).
	21	12	58	50.4*	14.895	N	87.549	W	33	N	4.5	1.1	17	HONDURAS
	21	14	02	48.0	37.010	N	29.585	E	20		5.0	1.1	32	TURKEY. MD 4.4 (ISK). Felt in the Denizli area.
	21	14	08	19.4?	47.51	N	6.57	E	10	G		1.0	7	FRANCE
	21	14	46	52.0?	39.09	N	27.78	E	10	G		0.8	4	TURKEY. MD 2.1 (ISK).
	21	15	15	59.3	40.600	N	27.280	E	10	G		0.7	15	TURKEY. MD 3.2 (ISK).
	21	15	24	16.1*	30.241	N	142.203	E	33	N	4.7	0.9	23	SOUTH OF HONSHU, JAPAN
	21	15	52	49.4&	62.845	N	149.887	W	77				30	CENTRAL ALASKA. <AGS-P>.
	21	16	07	16.9	36.263	N	89.536	W	5	G		0.6	7	NEW MADRID, MISSOURI REGION. MD 2.7 (SLM). Felt (III) at Ridgely, Tiptonville and Wynnburg, Tennessee. Felt (II) at Finley and Mason Hall, Tennessee.
	21	16	45	48.8?	17.53	S	69.10	W	169	*	4.5	0.7	12	PERU-BOLIVIA BORDER REGION
	21	16	59	58.1	21.936	S	138.967	W	0	G	5.4	1.0	145	TUAMOTU ARCHIPELAGO REGION
	21	18	41	28.5%	43.954	N	11.722	E	10	G		0.5	5	CENTRAL ITALY
	21	19	00	04.6%	43.941	N	11.673	E	10	G		0.9	6	CENTRAL ITALY
	21	19	28	41.1?	13.08	N	60.78	W	33	N		0.8	4	WINDWARD ISLANDS. MD 3.0 (TRN).
	21	20	48	36.7?	34.66	S	179.01	W	33	N	4.3	0.8	5	SOUTH OF KERMADEC ISLANDS
	21	21	15	13.8*	15.377	N	147.445	E	76	?	4.8	0.9	24	MARIANA ISLANDS REGION

	21	21	20	22.9?	34.53	S	70.88	W	90	G			0.4	7	CHILE-ARGENTINA BORDER REGION
	21	22	57	47.6	37.525	N	26.938	E	10	G			1.0	7	DODECANESE ISLANDS. MD 3.5 (ATH), 3.2 (ISK).
	21	23	00	06.8?	37.66	N	26.92	E	10	G			1.1	4	DODECANESE ISLANDS. MD 3.9 (ATH).
	21	23	23	21.7*	22.900	S	68.709	W	81	*	4.6		1.1	13	NORTHERN CHILE
	21	23	34	50.4	37.561	N	26.918	E	13				0.8	34	DODECANESE ISLANDS. MD 4.4 (ISK), 3.9 (ATH).
	21	23	39	56.4	21.325	S	179.029	W	638		5.1		0.8	72	FIJI ISLANDS REGION
	22	00	16	48.8*	36.190	N	27.403	E	10	G			1.6	5	DODECANESE ISLANDS. MD 3.7 (ATH).
	22	00	17	06.1	38.137	N	23.219	E	31				0.6	19	GREECE. ML 3.2 (ATH).
	22	00	53	18.1&	63.485	N	150.640	W	17		3.0			79	CENTRAL ALASKA. <AGS-P>. ML 3.6 (NEIS).
	22	01	17	55.0*	32.189	S	69.993	W	120		4.6		1.3	19	MENDOZA PROVINCE, ARGENTINA. Felt (II) at Mendoza. Also felt (II) at Santiago, Chile.
	22	02	52	05.4*	16.556	N	98.692	W	38	*	4.2		0.9	25	NEAR COAST OF GUERRERO, MEXICO
	22	03	27	23.6&	62.711	N	148.699	W	66					35	CENTRAL ALASKA. <AGS-P>.
	22	03	45	02.2*	33.896	N	25.671	E	33	N			1.0	8	EASTERN MEDITERRANEAN SEA
	22	04	33	11.2	42.402	N	7.476	W	10	G			1.5	21	SPAIN. mbLg 3.6 (MDD). Felt (III) in the Moceda area.
	22	04	48	58.6*	6.089	S	130.021	E	119	?	5.1		0.5	14	BANDA SEA
	22	05	06	13.5?	6.43	S	147.47	E	106	?	4.5		0.7	5	EAST PAPUA NEW GUINEA REGION
a	22	05	13	45.7	51.764	N	175.275	W	59		5.1		0.8	130	ANDREANOF ISLANDS, ALEUTIAN IS. Felt (IV) on Adak.
	22	05	30	35.1	5.017	N	125.431	E	197	?	4.9		0.6	15	MINDANAO, PHILIPPINE ISLANDS
	22	06	08	21.7*	41.266	N	142.576	E	66	?	4.6	4.1	1.1	33	HOKKAIDO, JAPAN REGION
	22	06	15	32.4&	61.419	N	149.748	W	31					77	SOUTHERN ALASKA. <AGS-P>. ML 3.5 (PMR). Felt (III) at Anchorage. Also felt at Eagle River.
	22	06	58	56.1?	44.31	N	6.78	E	10	G			0.4	4	FRANCE. ML 2.2 (GEN).
	22	07	18	55.0&	60.958	N	151.016	W	10		4.0			97	KENAI PENINSULA, ALASKA. <AGS-P>. ML 4.2 (PMR). Felt (IV) at Anchorage and Eagle River. Also felt at Wasilla.
	22	07	25	41.5%	59.755	N	6.494	E	10	G			1.4	8	SOUTHERN NORWAY. MD 1.9 (BER).
	22	07	53	58.9&	60.320	N	153.055	W	150					74	SOUTHERN ALASKA. <AGS-P>.
	22	08	14	46.6?	44.01	N	11.81	E	10	G			0.8	5	NORTHERN ITALY
	22	09	54	35.3?	40.24	N	29.27	E	10	G			0.3	4	TURKEY. MD 1.9 (ISK).
	22	10	32	10.2%	39.132	N	27.632	E	10	G			0.3	6	TURKEY. MD 2.8 (ISK).
	22	10	35	32.9%	39.096	N	27.593	E	10	G			0.2	6	TURKEY. MD 2.4 (ISK).
	22	10	41	30.6	40.163	N	20.478	E	7				1.1	16	GREECE-ALBANIA BORDER REGION. MD 3.2 (ATH).
	22	10	56	33.9%	39.015	N	27.133	E	10	G			0.2	7	TURKEY. MD 2.7 (ISK).
	22	11	14	54.7%	44.108	N	8.094	E	10	G			0.2	7	NORTHERN ITALY. ML 2.0 (GEN).
	22	11	19	26.7?	39.09	N	27.56	E	10	G			0.8	4	TURKEY. MD 2.3 (ISK).
	22	12	09	52.8%	39.659	N	29.421	E	10	G			1.4	7	TURKEY. MD 2.4 (ISK).
	22	12	28	01.3?	42.34	N	24.09	E	10	G			0.7	6	BULGARIA
	22	13	18	13.3*	52.700	S	10.417	E	10	G	4.8		0.8	10	SOUTHWEST OF AFRICA
	22	13	19	26.7	39.229	N	20.363	E	10	G			1.2	14	GREECE-ALBANIA BORDER REGION. MD 3.2 (ATH).
	22	13	23	25.3%	39.134	N	27.616	E	10	G			0.6	5	TURKEY. MD 3.0 (ISK).
	22	13	45	52.0%	44.468	N	4.482	E	10	G			0.9	8	FRANCE. ML 2.7 (LDG).
	22	14	11	00.4?	39.75	N	21.74	E	10	G			0.4	4	GREECE
o	22	14	25	12.7	10.130	S	78.617	W	48	D	5.2	4.5	0.9	155	NEAR COAST OF PERU. Felt (IV) at Chimbote.
	22	14	44	58.8&	48.683	N	121.918	W	0					45	WASHINGTON. <SEA>. CL 2.6 (SEA).
	22	15	08	10.6	39.206	N	20.482	E	8				0.7	21	GREECE-ALBANIA BORDER REGION
	22	15	09	54.1&	39.995	N	123.780	W	5	G				6	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 2.7 (BRK).
	22	15	35	44.6%	59.786	N	8.992	E	10	G			0.7	6	SOUTHERN NORWAY. MD 2.0 (BER).
	22	15	51	20.4	46.950	N	8.932	E	10	G			1.3	69	SWITZERLAND. ML 3.5 (KBA), 3.5 (LDG), 3.3 (FUR).
	22	17	11	42.6*	17.338	N	93.923	W	175	*	3.8		0.9	11	CHIAPAS, MEXICO
	22	17	31	02.3?	3.81	N	95.26	E	57	?	4.8		1.5	14	OFF W COAST OF NORTHERN SUMATERA
	22	18	05	52.0%	43.931	N	11.730	E	10	G			1.1	6	CENTRAL ITALY
	22	18	18	27.3%	43.943	N	11.703	E	10	G			1.4	5	CENTRAL ITALY
	22	19	08	43.0%	40.300	N	27.412	E	10	G			0.4	6	TURKEY. MD 2.2 (ISK).
	22	19	10	27.1?	40.74	N	27.45	E	10	G			0.2	4	TURKEY. MD 2.1 (ISK).
	22	19	15	15.8*	44.413	N	148.996	E	66	*	4.6		1.2	32	KURIL ISLANDS
	22	19	21	41.7	38.708	N	24.492	E	10	G			1.2	13	AEGEAN SEA. ML 3.1 (ATH).
	22	19	40	54.4%	44.059	N	11.763	E	10	G			0.6	7	NORTHERN ITALY
	22	19	41	20.1	44.029	N	11.720	E	10	G			1.3	21	NORTHERN ITALY
	22	20	26	26.6?	51.44	N	16.11	E	10	G			0.5	6	POLAND. ML 3.1 (GRF).
f	22	20	49	06.7	5.575	S	150.993	E	29	G	6.0	6.0	1.0	283	NEW BRITAIN REGION. Ms 6.3 (BRK), 6.2 (PAS). Two events about 2.5 seconds apart. Depth from broadband displacement seismograms, based on first event.
	22	21	13	56.1?	36.96	N	29.41	E	10	G			0.4	4	TURKEY
	22	21	43	29.1%	39.252	N	29.243	E	10	G			0.8	6	TURKEY. MD 2.7 (ISK).
	22	21	46	03.0*	51.629	N	175.397	W	58	*	4.0		0.8	14	ANDREANOF ISLANDS, ALEUTIAN IS. Felt on Adak.
	22	22	10	53.6	44.500	N	7.324	E	10	G			0.8	28	NORTHERN ITALY. ML 3.2 (GEN), 2.9 (LDG).
	22	22	54	40.4%	39.413	N	29.034	E	10	G			1.3	6	TURKEY. MD 2.5 (ISK).
	22	22	56	17.9*	37.501	N	71.803	E	33	N	4.3		0.7	10	AFGHANISTAN-USSR BORDER REGION
	22	23	48	23.7?	59.99	N	0.27	E	10	G			0.9	9	NORTH SEA. MD 3.0 (BER).
	22	23	55	43.5	39.597	N	21.916	E	17				0.6	10	GREECE
	23	00	07	22.4&	60.362	N	151.797	W	59					46	KENAI PENINSULA, ALASKA. <AGS-P>.
	23	00	14	09.9*	40.226	N	20.301	E	10	G			1.0	5	GREECE-ALBANIA BORDER REGION
a	23	00	56	08.9	5.005	S	145.791	E	62	*	5.4		1.2	114	EAST PAPUA NEW GUINEA REGION. Ms 5.7 (BRK).
	23	01	07	44.4&	40.292	N	124.215	W	5					12	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 2.8 (BRK).
	23	01	18	58.0*	39.742	N	143.176	E	52	*	4.8		0.8	18	OFF EAST COAST OF HONSHU, JAPAN
	23	01	28	10.8?	51.25	N	179.02	E	33	N	4.0		1.3	8	RAT ISLANDS, ALEUTIAN ISLANDS
	23	01	33	38.2*	40.258	N	20.283	E	10	G			0.4	5	GREECE-ALBANIA BORDER REGION
	23	02	25	17.7*	5.066	S	151.307	E	191	?	5.0		0.5	14	NEW BRITAIN REGION
	23	03	06	42.2?	50.90	N	19.63	E	10	G			1.5	5	POLAND. ML 2.7 (KRA).
	23	03	59	33.4	51.105	N	179.179	E	33	N	4.7		0.8	25	RAT ISLANDS, ALEUTIAN ISLANDS
	23	04	13	25.9	44.577	N	7.661	E	10	G			1.1	10	NORTHERN ITALY. ML 2.3 (LDG), 2.1 (GEN).
	23	04	22	06.2?	5.35	S	145.98	E	79	*	3.6		0.6	6	EAST PAPUA NEW GUINEA REGION
	23	05	58	23.5	6.385	S	154.693	E	79	*	5.1		0.7	19	SOLOMON ISLANDS
	23	06	43	58.2	34.644	N	32.946	E	25		4.2		1.1	48	CYPRUS. Felt (V) at Limassol and (II) at Nicosia.
	23	06	47	21.8%	43.927	N	11.740	E	10	G			1.1	5	CENTRAL ITALY
	23	07	11	01.4	47.835	N	8.102	E	5	G			1.2	11	SWITZERLAND. ML 2.6 (LDG).
	23	07	27	35.6?	3.62	S	80.82	W	33	N	4.9		0.8	8	PERU-ECUADOR BORDER REGION
a	23	07	41	57.9	5.538	N	125.851	E	125		5.7		1.1	161	MINDANAO, PHILIPPINE ISLANDS. Complex event, observed on broadband displacement seismograms.
	23	07	52	36.8&	36.367	N	120.975	W	8					11	CENTRAL CALIFORNIA. <BRK>. ML 2.5 (BRK).
	23	07	54	53.7	40.112	N	22.497	E	13				0.4	10	GREECE
	23	08	14	55.5?	31.85	S	68.87	W	150	?			0.7	14	SAN JUAN PROVINCE, ARGENTINA

	23	09	22	58.4%	39.094	N	27.604	E	10	G		0.5	6	TURKEY. MD 2.7 (ISK).
	23	09	57	22.0%	40.665	N	22.996	E	10	G		1.4	5	GREECE
	23	10	05	15.8?	39.10	N	27.56	E	10	G		0.7	4	TURKEY
	23	10	08	03.0	17.742	S	178.472	W	552		5.3	0.9	103	FIJI ISLANDS REGION
	23	10	20	22.4?	38.91	N	27.72	E	10	G		0.6	4	TURKEY
	23	10	33	30.6	35.188	N	133.405	E	10	G	4.6 4.1	1.4	18	SOUTHERN HONSHU, JAPAN. Felt (IV JMA) at Yanago; (III JMA) at Motsue; (II JMA) at Okayama and Hirashima; (I JMA) at Kyoto and Tottori.
	23	10	37	44.4?	7.55	S	128.61	E	33	N	4.1	1.4	7	BANDA SEA
	23	10	58	03.8&	36.513	N	121.127	W	8				15	CENTRAL CALIFORNIA. <BRK>. ML 2.7 (BRK).
	23	10	59	04.0%	39.149	N	27.619	E	10	G		0.5	5	TURKEY. MD 2.5 (ISK).
	23	11	58	25.2	44.127	N	20.715	E	11			1.2	27	YUGOSLAVIA. ML 2.9 (TTG). Felt at Kragujevac.
	23	13	29	56.5%	39.128	N	27.610	E	10	G		0.5	5	TURKEY. MD 2.4 (ISK).
	23	14	14	18.0?	29.12	N	131.72	E	33	N	4.3	1.4	12	RYUKYU ISLANDS REGION
	23	15	40	02.0%	46.558	N	1.843	E	10	G		0.2	6	FRANCE. ML 1.8 (LDG).
	23	17	04	01.5?	39.99	N	28.87	E	10	G		0.9	4	TURKEY. MD 2.0 (ISK).
	23	18	46	13.2	37.029	N	29.505	E	10	G		0.9	8	TURKEY. MD 3.3 (ISK).
	23	19	10	45.7%	40.831	N	27.957	E	10	G		0.5	10	TURKEY. MD 2.6 (ISK).
	23	19	50	56.2	42.023	N	15.565	E	33	N		1.2	12	ADRIATIC SEA
	23	19	57	25.4%	40.611	N	15.542	E	10	G		0.4	6	SOUTHERN ITALY
	23	20	17	37.8%	18.500	N	95.794	W	10	G		0.7	6	VERA CRUZ, MEXICO
	23	20	22	34.2*	9.997	S	118.690	E	99	?	4.9	1.3	26	SUMBAWA ISLAND REGION
	23	20	42	23.8?	30.49	N	83.22	E	33	N		0.5	6	TIBET
	23	21	22	39.8*	40.148	N	20.347	E	10	G		1.5	8	GREECE-ALBANIA BORDER REGION. MD 3.0 (ATH).
	23	21	37	13.4	37.255	N	26.535	E	10	G		1.1	6	DODECANESE ISLANDS. MD 3.7 (ATH).
	23	22	15	59.6	1.803	S	78.084	W	156		4.7	0.6	41	ECUADOR
	23	22	21	34.0?	62.15	N	4.36	E	10	G		1.4	4	NORWEGIAN SEA. MD 1.8 (BER).
f	23	22	35	34.7	4.707	N	75.574	W	145	G	5.7	0.9	386	COLOMBIA. mb 5.7 (BRK). Slight damage at Pereira. Felt at Manizales, Cali, Medellin, Bagota and Bucaramanga and as far east as Villavicencio. Depth from broadband displacement seismograms.
	23	22	43	16.5?	38.16	N	22.64	E	10	G		0.6	4	GREECE. ML 2.7 (ATH).
	23	23	18	21.6	36.350	N	26.839	E	131		4.2	1.2	80	DODECANESE ISLANDS
	23	23	30	02.8?	31.67	S	70.39	W	149	?		0.4	8	CHILE-ARGENTINA BORDER REGION
	24	01	00	55.2?	40.21	N	29.23	E	10	G		0.8	4	TURKEY. MD 2.1 (ISK).
	24	01	58	25.4	4.139	S	102.363	E	52	D	5.2	0.9	63	SOUTHERN SUMATERA
	24	02	37	31.3%	40.796	N	28.968	E	10	G		0.3	5	TURKEY. MD 2.2 (ISK).
	24	02	53	01.1&	59.754	N	153.339	W	113				59	SOUTHERN ALASKA. <AGS-P>.
	24	02	59	57.1*	18.050	N	100.396	W	59	*	4.0	0.7	11	GUERRERO, MEXICO
	24	03	12	40.4&	37.180	N	119.260	W	29				8	CENTRAL CALIFORNIA. <BRK>. ML 2.5 (BRK).
	24	03	20	12.7%	36.939	N	29.279	E	10	G		0.7	5	TURKEY. MD 3.3 (ISK).
	24	03	21	06.5%	38.932	N	28.258	E	10	G		1.3	6	TURKEY. MD 2.8 (ISK).
	24	03	56	26.5%	43.491	N	12.691	E	10	G		0.5	9	CENTRAL ITALY
	24	04	16	04.1?	65.38	N	165.77	W	10	G		1.8	6	ALASKA. ML 3.9 (PMR).
	24	05	26	16.8&	65.842	N	144.527	W	10	G			13	ALASKA. <AGS-P>.
	24	05	53	30.8	39.948	N	23.895	E	10	G		0.7	12	AEGEAN SEA
a	24	07	46	06.9	15.512	S	177.302	W	415	*	5.0	0.9	114	FIJI ISLANDS REGION
	24	07	46	35.5%	44.043	N	11.980	E	10	G		1.1	5	NORTHERN ITALY
	24	07	53	31.0	10.760	N	69.420	W	42		5.1 4.1	1.0	104	VENEZUELA
	24	08	20	01.8?	39.14	N	27.55	E	10	G		0.3	4	TURKEY. MD 2.4 (ISK).
	24	08	34	22.6%	39.147	N	27.578	E	10	G		0.4	5	TURKEY. MD 2.6 (ISK).
	24	09	02	42.7%	39.102	N	27.593	E	10	G		0.6	5	TURKEY. MD 2.5 (ISK).
	24	09	23	44.5?	16.34	N	98.61	W	33	N		1.3	5	NEAR COAST OF GUERRERO, MEXICO
	24	09	54	12.4?	39.28	N	27.80	E	10	G		0.3	4	TURKEY. MD 2.6 (ISK).
	24	09	56	57.6%	40.258	N	29.305	E	10	G		0.3	7	TURKEY. MD 2.5 (ISK).
	24	10	01	02.3?	39.11	N	27.54	E	10	G		0.4	4	TURKEY. MD 2.4 (ISK).
	24	10	23	57.0%	39.145	N	27.596	E	10	G		0.2	5	TURKEY. MD 2.4 (ISK).
	24	10	49	12.2	40.914	N	23.907	E	10	G		0.4	10	GREECE
	24	11	30	41.5%	39.653	N	29.447	E	10	G		1.0	6	TURKEY. MD 2.6 (ISK).
	24	11	40	48.7%	40.276	N	29.230	E	10	G		1.1	5	TURKEY. MD 2.4 (ISK).
	24	12	07	08.5	44.074	N	11.800	E	10	G		0.7	29	NORTHERN ITALY. ML 3.2 (LDG).
	24	12	13	47.2	44.042	N	11.705	E	10	G		1.0	35	NORTHERN ITALY. ML 3.3 (LDG).
	24	12	15	25.5%	43.860	N	11.800	E	10	G		0.5	7	CENTRAL ITALY
	24	12	28	49.6?	34.92	N	24.86	E	10	G		0.9	5	CRETE. MD 3.6 (ATH).
	24	12	29	01.1	44.073	N	11.782	E	10	G		1.0	18	NORTHERN ITALY
	24	12	32	34.3%	44.066	N	11.547	E	10	G		0.4	5	NORTHERN ITALY
	24	12	35	17.1?	43.99	N	11.74	E	10	G		0.1	4	CENTRAL ITALY
	24	12	58	12.0%	43.948	N	11.736	E	10	G		1.5	7	CENTRAL ITALY
	24	13	03	21.3?	44.40	N	11.90	E	10	G		1.1	5	NORTHERN ITALY
	24	13	04	09.5	44.042	N	11.786	E	12			1.2	37	NORTHERN ITALY. ML 3.4 (LDG). MD 3.3 (TRI).
	24	13	10	26.0	44.080	N	11.782	E	10			0.8	23	NORTHERN ITALY. ML 3.0 (LDG).
	24	13	14	57.7*	36.054	N	27.550	E	10	G		1.6	5	DODECANESE ISLANDS. MD 3.3 (ATH).
	24	13	15	17.4	44.042	N	11.736	E	10	G		1.1	21	NORTHERN ITALY
	24	13	27	33.3%	44.079	N	11.747	E	10	G		1.4	6	NORTHERN ITALY
	24	13	31	35.0?	44.24	N	11.53	E	10	G		0.7	5	NORTHERN ITALY
	24	13	32	32.1*	32.081	S	71.125	W	33	N		0.3	8	NEAR COAST OF CENTRAL CHILE
	24	13	42	35.9%	44.097	N	11.806	E	10	G		0.4	6	NORTHERN ITALY
	24	14	33	37.6?	31.97	S	70.79	W	101	?		0.4	8	CHILE-ARGENTINA BORDER REGION
	24	14	45	16.7	39.098	N	27.995	E	10	G		1.3	10	TURKEY. MD 2.9 (ISK).
	24	14	56	11.5%	62.271	N	7.178	E	10	G		1.4	6	SOUTHERN NORWAY. MD 2.3 (BER).
	24	15	42	17.1%	43.955	N	11.842	E	10	G		0.3	5	CENTRAL ITALY
a	24	16	16	59.3	2.029	S	135.294	E	33	N	5.3 4.8	1.1	43	WEST IRIAN REGION
	24	17	24	38.7	41.907	N	133.619	E	464		4.8	0.8	134	SEA OF JAPAN
	24	18	18	41.0	3.182	S	139.549	E	36	*	5.3 4.3	1.3	51	WEST IRIAN
	24	18	34	53.7*	51.721	N	16.359	E	10	G		0.5	9	POLAND. ML 3.3 (GRF).
	24	18	43	32.6	44.031	N	11.777	E	15			1.1	42	NORTHERN ITALY. ML 3.5 (LDG). MD 3.3 (ROM).
	24	18	45	19.4	44.139	N	11.884	E	10	G		0.8	14	NORTHERN ITALY
	24	18	45	39.5*	44.387	N	12.073	E	10	G		1.0	5	NORTHERN ITALY
	24	20	10	48.9%	16.804	N	94.866	W	33	N		0.9	6	OAXACA, MEXICO
	24	20	18	25.8	51.515	N	7.521	E	10	G		1.1	32	GERMANY. ML 3.4 (GSH), 3.0 (BNS). Felt (IV) in the Bergkamen area.
	24	20	33	51.8?	23.50	S	176.27	W	215	?	4.5	0.8	8	SOUTH OF FIJI ISLANDS
	24	21	28	14.1	40.758	N	28.310	E	10	G		1.3	17	TURKEY. MD 3.2 (ISK), 3.2 (ATH).

	24	22	58	24.0%	40.007	N	28.903	E	10	G		0.8	9	TURKEY. MD 2.6 (ISK).
	24	23	40	32.1&	33.033	N	117.800	W	6	G			4	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS).
	24	23	59	33.7?	39.07	N	28.79	E	10	G		0.6	4	TURKEY. MD 2.2 (ISK).
	25	00	32	14.6*	5.627	S	130.901	E	72	?	5.1	1.2	24	BANDA SEA
	25	00	36	07.6	40.175	N	20.410	E	10	G		1.5	23	GREECE-ALBANIA BORDER REGION. MD 3.1 (ATH).
a	25	01	00	53.1	23.575	S	175.824	W	29	D	5.3 5.3	1.0	76	TONGA ISLANDS REGION. Ms 5.6 (BRK).
	25	01	35	58.8	38.890	N	25.022	E	10	G		1.5	21	AEGEAN SEA. ML 2.9 (ATH).
	25	01	44	43.7	38.739	N	26.498	E	10	G		0.8	7	AEGEAN SEA. MD 3.1 (ATH), 3.0 (ISK).
	25	01	52	06.4	8.091	N	75.062	W	74	*	4.7	1.1	36	NORTHERN COLOMBIA
	25	02	07	36.3&	57.042	N	145.879	W	10	G			48	GULF OF ALASKA. <AGS-P>.
	25	02	30	20.7%	15.596	N	60.836	W	10	G		0.0	5	LEEWARD ISLANDS. ML 2.4 (FDF).
	25	03	34	05.4?	8.65	S	123.64	E	67	?	3.6	1.1	6	FLORES ISLAND REGION
a	25	03	36	12.9	23.780	S	175.771	W	59	?	5.5 5.4	1.1	81	TONGA ISLANDS REGION. Ms 5.6 (BRK).
a	25	04	02	43.8*	23.890	S	175.779	W	33	N	5.4 5.6	1.1	40	TONGA ISLANDS REGION
	25	04	19	55.2	31.010	S	178.992	W	33	N	5.6	1.1	119	KERMADEC ISLANDS REGION. Felt on Raoul Island.
	25	07	44	18.5&	40.283	N	124.410	W	24		4.2		37	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 4.0 (BRK). Felt (V) at Phillipsville; (IV) at Ferndale, Garberville, Honeydew, Miranda and Myers Flat; (III) at Hydesville and Rio Dell.
	25	08	27	41.8&	40.073	N	123.730	W	5	G			6	NORTHERN CALIFORNIA. <BRK>. ML 2.8 (BRK).
	25	08	28	27.9&	61.429	N	149.879	W	32				81	SOUTHERN ALASKA. <AGS-P>. ML 3.5 (PMR).
	25	09	01	40.8%	40.531	N	23.699	E	10	G		0.6	6	GREECE
	25	11	02	30.9*	20.988	S	69.139	W	130	*	4.0	0.4	7	NORTHERN CHILE
	25	11	28	49.4&	62.792	N	149.863	W	79				71	CENTRAL ALASKA. <AGS-P>.
	25	11	49	04.0&	35.717	N	116.633	W	6	G			4	CENTRAL CALIFORNIA. <PAS-P>. ML 2.5 (PAS).
	25	12	08	44.4%	39.099	N	27.599	E	10	G		0.5	6	TURKEY. MD 2.7 (ISK).
	25	12	32	25.1%	37.816	N	14.999	E	10	G		0.5	6	SICILY
a	25	12	32	45.1	2.692	S	77.773	W	25	D	5.6 4.9	1.0	189	PERU-ECUADOR BORDER REGION. Felt (V) in the Ecuador-Peru border region.
	25	12	38	08.1%	39.184	N	27.669	E	10	G		1.2	6	TURKEY. MD 2.7 (ISK).
	25	15	22	52.4%	39.686	N	28.635	E	10	G		1.2	5	TURKEY. MD 2.2 (ISK).
	25	15	39	57.1	51.774	N	179.974	W	94	D	4.6	0.8	44	ANDREANOF ISLANDS, ALEUTIAN IS.
	25	16	22	56.9*	36.862	N	130.237	E	199	*	4.7	1.1	27	KYUSHU, JAPAN
	25	16	54	39.6&	37.227	N	121.645	W	6				17	CENTRAL CALIFORNIA. <BRK>. ML 3.3 (BRK). Mo=1.5*10**14 Nm (BRK).
	25	16	57	17.3	10.134	N	126.172	E	35	D	4.8 4.3	1.1	42	PHILIPPINE ISLANDS REGION
	25	17	11	35.6&	37.975	N	119.217	W	5	G			7	CENTRAL CALIFORNIA. <BRK>. ML 2.6 (BRK).
	25	18	28	00.6%	41.886	N	12.790	E	10	G		0.5	5	SOUTHERN ITALY
	25	21	46	45.9*	21.524	S	126.353	E	10	G		0.9	5	WESTERN AUSTRALIA
	25	22	02	07.0	37.552	N	71.902	E	33	N	5.0	0.9	14	AFGHANISTAN-USSR BORDER REGION
	25	22	21	41.6%	39.495	N	28.249	E	10	G		1.2	7	TURKEY. MD 2.7 (ISK).
	26	02	05	33.8	1.506	N	126.378	E	75	?	4.7	0.7	23	MOLUCCA PASSAGE
	26	03	43	17.9	40.207	N	20.348	E	10	G		1.2	17	GREECE-ALBANIA BORDER REGION. ML 2.7 (THE).
	26	05	09	26.8&	64.512	N	130.325	W	18	G	4.3		19	NORTHWEST TERRITORIES, CANADA. <PGC-P>. ML 4.7 (PGC).
	26	05	50	16.9&	38.840	N	119.778	W	9				8	CALIFORNIA-NEVADA BORDER REGION. <BRK>. ML 2.6 (BRK).
	26	06	35	02.6	37.750	N	21.354	E	10	G	3.8	1.4	25	SOUTHERN GREECE. ML 3.5 (ATH).
	26	06	58	51.1	34.030	N	118.226	W	10	G		0.5	10	SOUTHERN CALIFORNIA. ML 2.3 (PAS). Felt in the downtown Los Angeles area.
	26	07	06	51.7*	7.264	S	128.975	E	183	*	4.6	0.6	12	BANDA SEA
	26	07	10	32.2%	37.371	N	3.912	W	10	G		0.4	7	SPAIN. mbLg 2.7 (MDD).
	26	07	21	05.1?	17.28	N	61.99	W	33	N		0.4	4	LEEWARD ISLANDS. ML 3.2 (FDF).
	26	09	35	53.2%	39.071	N	27.598	E	10	G		0.2	6	TURKEY. MD 2.7 (ISK).
	26	09	51	27.1?	41.27	N	28.99	E	10	G		1.1	4	TURKEY. MD 2.2 (ISK).
	26	09	54	34.0%	39.103	N	27.580	E	10	G		0.6	5	TURKEY. MD 2.3 (ISK).
	26	09	57	11.3	44.299	N	97.520	E	12	D	5.0	1.1	84	MONGOLIA
	26	10	04	57.9?	40.34	N	29.48	E	10	G		1.7	4	TURKEY. MD 2.1 (ISK).
	26	10	13	32.0*	38.341	N	23.486	E	10	G		1.0	6	GREECE. ML 2.5 (ATH).
	26	10	27	11.5?	39.17	N	27.54	E	10	G		0.3	4	TURKEY. MD 2.3 (ISK).
	26	11	08	09.2?	15.60	N	60.16	W	33	N		1.1	7	LEEWARD ISLANDS. ML 3.0 (FDF).
	26	11	17	13.0%	39.129	N	27.613	E	10	G		0.6	6	TURKEY. MD 2.5 (ISK).
	26	11	21	54.7?	41.09	N	28.46	E	10	G		0.2	4	TURKEY. MD 2.5 (ISK).
	26	11	42	32.7&	58.207	N	151.942	W	28				27	KODIAK ISLAND REGION. <AGS-P>.
	26	12	22	01.6&	62.357	N	151.756	W	105		4.3		104	CENTRAL ALASKA. <AGS-P>.
	26	13	08	39.9%	48.043	N	6.665	E	10	G		0.9	6	FRANCE. ML 2.7 (LDG).
	26	13	26	28.3%	40.911	N	23.928	E	10	G		0.7	6	GREECE. ML 1.9 (THE).
	26	13	55	53.5*	43.331	N	0.621	W	10	G		0.5	8	PYRENEES. ML 2.9 (LDG).
	26	14	48	44.1%	42.062	N	13.200	E	10	G		0.8	10	CENTRAL ITALY
	26	14	59	46.5&	38.788	N	122.767	W	3				12	NORTHERN CALIFORNIA. <BRK>. ML 3.5 (BRK). Mo=3.4*10**14 Nm (BRK).
	26	15	03	59.7	41.200	N	22.455	E	10	G		0.7	8	YUGOSLAVIA. ML 1.5 (SKO).
	26	15	43	51.3?	39.15	N	27.63	E	10	G		0.3	4	TURKEY. MD 2.2 (ISK).
	26	15	54	47.7%	43.983	N	11.281	E	10	G		0.4	6	CENTRAL ITALY
	26	17	53	04.4*	37.003	S	177.475	E	10			0.7	10	OFF E. COAST OF N. ISLAND, N.Z. ML 4.6 (WEL).
	26	18	40	20.2&	63.218	N	149.333	W	92				35	CENTRAL ALASKA. <AGS-P>.
	26	18	50	40.4*	21.349	S	68.723	W	124	*	4.5	0.9	12	CHILE-BOLIVIA BORDER REGION
	26	19	34	50.0*	10.545	S	112.894	E	33	N	4.6	0.9	16	SOUTH OF JAVA
	26	19	35	45.8	38.391	N	36.637	E	33	N	4.2 3.4	1.1	38	TURKEY. ML 4.2 (BHL).
a	26	20	09	19.8	21.720	S	179.300	W	614		5.2	0.9	132	FIJI ISLANDS REGION
	26	21	03	40.2	12.722	S	73.794	W	77	*	4.2	1.0	16	PERU
	26	21	18	32.1&	62.047	N	149.506	W	45		4.9 4.3		174	CENTRAL ALASKA. <AGS-P>. Felt (IV) at Anchorage, Chickaloon, Palmer, Talkeetna, Wasilla and Willow. Felt (III) at Chugiak and Sutton.
	26	21	37	35.3	39.378	N	23.882	E	23		3.8	1.0	62	AEGEAN SEA. ML 3.8 (ATH).
	26	21	43	17.3	37.681	N	23.086	E	10	G		1.1	6	SOUTHERN GREECE. ML 2.6 (ATH).
	26	22	02	20.2%	43.414	N	12.719	E	10	G		1.2	6	CENTRAL ITALY
	26	22	33	52.5%	40.073	N	27.482	E	10	G		0.4	7	TURKEY. MD 2.4 (ISK).
	26	22	37	58.3	20.489	S	177.810	W	503	?	4.8	1.2	41	FIJI ISLANDS REGION
	26	22	46	12.6	39.331	N	23.882	E	10	G		0.9	16	AEGEAN SEA. ML 2.9 (ATH), 2.5 (THE).
	27	00	24	41.7*	5.703	S	129.667	E	98	?	5.0	0.8	17	BANDA SEA
	27	00	28	28.0	3.322	N	98.401	E	145		5.1	1.1	97	NORTHERN SUMATERA
	27	00	44	24.4	39.382	N	23.741	E	10	G		0.6	11	AEGEAN SEA. ML 2.9 (ATH).
	27	01	24	46.4*	50.116	N	19.133	E	10	G		0.4	5	POLAND. ML 2.8 (KRA).
	27	01	53	59.1	44.924	N	6.628	E	5	G		0.8	48	FRANCE. ML 3.2 (LDG), 3.1 (GEN).

	27	02 26 51.5%	44.921	N	6.587	E	10	G			0.2	5	FRANCE. ML 2.0 (GEN).
	27	02 56 14.6	40.666	N	23.703	E	10	G			0.9	10	GREECE. ML 2.3 (THE).
	27	04 08 36.7%	44.923	N	6.623	E	5	G			0.3	6	FRANCE. ML 2.2 (GEN).
	27	04 18 59.9%	44.681	N	6.824	E	10	G			0.7	6	FRANCE. ML 2.0 (GEN).
a	27	04 37 58.5	43.853	N	16.633	E	24	D	5.1	5.6	1.1	381	YUGOSLAVIA. ML 5.6 (ZAG), 5.6 (KBA), 5.5 (TTG). Ten people injured and damage (VIII) in the Dinara Mountains. Felt (IV) at Titograd, Niksic, Budva and Herceg Novi. Also felt at Belgrade. Landslides stapped rail traffic on main line between Split and central Yugoslavia. Felt (IV) at Trieste, Italy. Also felt at Pordenone and Trento, Italy.
	27	04 51 36.4	43.895	N	16.641	E	10	G	5.1	5.1	1.3	274	YUGOSLAVIA. ML 5.3 (TTG). Felt (III) at Titograd.
	27	04 59 43.0*	43.877	N	16.278	E	10	G			1.9	16	YUGOSLAVIA. ML 3.6 (ZAG). MD 3.5 (TTG).
	27	05 11 21.9?	43.70	N	17.09	E	10	G			1.5	8	YUGOSLAVIA
	27	05 13 26.2*	43.829	N	16.716	E	10	G			1.4	20	YUGOSLAVIA. ML 3.7 (ZAG).
	27	05 31 28.8	43.880	N	16.665	E	10	G	4.2		1.3	73	YUGOSLAVIA. ML 4.0 (ZAG), 4.0 (THE), 3.7 (ROM), 3.6 (TTG).
	27	05 50 21.6*	53.481	N	169.652	E	33	N	4.0		1.1	11	KOMANDORSKY ISLANDS REGION
	27	05 55 13.4*	53.686	N	169.500	E	33	N	4.1		0.6	9	KOMANDORSKY ISLANDS REGION
	27	06 15 42.4	43.797	N	16.491	E	10	G			1.0	38	YUGOSLAVIA. ML 3.6 (ZAG), 3.4 (TTG).
	27	06 43 43.0	43.364	N	17.170	E	10	G			1.5	22	YUGOSLAVIA. ML 3.6 (ZAG).
	27	06 43 52.4*	43.613	N	16.574	E	10	G			0.7	7	YUGOSLAVIA
	27	06 46 20.7&	40.265	N	124.573	W	5					8	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 2.7 (BRK).
	27	06 50 11.2*	43.746	N	16.969	E	10	G			1.0	10	YUGOSLAVIA
	27	07 27 40.4	43.841	N	16.557	E	10	G			1.3	57	YUGOSLAVIA. ML 3.7 (ZAG), 3.5 (TTG).
	27	07 49 44.4	43.843	N	16.617	E	10	G	3.8		1.3	102	YUGOSLAVIA. ML 4.3 (ZAG), 4.1 (THE), 4.0 (TTG), 3.9 (ROM).
	27	08 40 32.9	43.904	N	16.646	E	8				1.4	25	YUGOSLAVIA. ML 3.6 (ZAG), 3.5 (TTG).
	27	09 26 41.0%	39.111	N	27.683	E	10	G			1.0	5	TURKEY. MD 2.5 (ISK).
	27	09 34 52.2?	7.55	N	126.87	E	64	?	4.6		0.6	10	MINDANAO, PHILIPPINE ISLANDS
	27	09 38 49.4	43.675	N	16.362	E	11				1.1	22	YUGOSLAVIA. ML 3.0 (TTG).
	27	10 01 55.7	40.661	N	24.198	E	10	G			0.9	10	AEGEAN SEA. ML 2.6 (THE).
	27	10 12 08.5&	60.030	N	153.325	W	129					37	SOUTHERN ALASKA. <AGS-P>.
	27	10 38 12.0	43.821	N	16.604	E	19				1.3	49	YUGOSLAVIA. ML 3.4 (TTG).
	27	11 10 42.2?	39.09	N	27.60	E	10	G			0.8	4	TURKEY. MD 2.4 (ISK).
	27	11 42 23.1%	45.870	N	26.728	E	97	?			0.5	8	ROMANIA
	27	12 30 21.1	43.800	N	16.423	E	10	G			1.4	28	YUGOSLAVIA. ML 3.1 (TTG).
	27	12 37 18.4*	31.379	N	68.682	E	33	N	4.6		1.2	8	PAKISTAN
	27	12 48 10.7	43.736	N	16.430	E	10	G			1.4	19	YUGOSLAVIA. ML 2.7 (TTG).
	27	14 02 50.7	43.621	N	16.063	E	10	G			0.9	6	YUGOSLAVIA
	27	14 20 49.4%	44.373	N	7.358	E	10	G			0.5	8	NORTHERN ITALY. ML 2.0 (GEN).
	27	14 37 16.8?	44.50	N	7.34	E	10	G			0.1	4	NORTHERN ITALY. ML 1.7 (GEN).
	27	15 03 26.6	43.805	N	16.561	E	13				1.3	41	YUGOSLAVIA. ML 3.4 (TTG).
	27	15 13 41.7%	44.499	N	7.305	E	10	G			0.4	11	NORTHERN ITALY. ML 2.4 (GEN).
	27	15 25 13.0%	44.480	N	7.301	E	10	G			0.2	5	NORTHERN ITALY. ML 1.6 (GEN).
	27	16 29 06.1	40.682	N	23.821	E	13		3.6		0.9	40	GREECE. ML 3.7 (THE).
	27	16 32 58.0&	34.000	N	117.583	W	6	G				3	SOUTHERN CALIFORNIA. <PAS-P> ML 2.5 (PAS). Felt in the epicentral area.
	27	17 32 32.2*	15.240	S	166.992	E	150	*	4.6		1.2	8	VANUATU ISLANDS
	27	17 42 36.9*	4.806	S	145.838	E	33	N	4.2	3.7	1.4	16	NEAR N COAST OF PAPUA NEW GUINEA
	27	18 10 00.4	36.453	N	141.585	E	25		4.3		1.1	27	NEAR EAST COAST OF HONSHU, JAPAN
	27	18 26 43.0	43.834	N	16.586	E	10	G			1.0	30	YUGOSLAVIA. ML 3.3 (ZAG), 3.2 (TTG).
	27	19 04 41.0%	15.958	N	61.005	W	28				0.3	8	LEEWARD ISLANDS. ML 3.1 (FDF).
	27	20 05 40.7	35.880	N	90.199	E	33	N	4.2		1.3	20	QINGHAI PROVINCE, CHINA
	27	20 16 16.6%	44.475	N	7.321	E	5	G			0.0	5	NORTHERN ITALY. ML 1.6 (GEN).
	27	20 19 27.9?	8.44	S	129.76	E	159	?			0.6	5	TIMOR SEA
	27	20 52 41.8	43.846	N	16.556	E	20		3.6		1.1	83	YUGOSLAVIA. ML 4.0 (ZAG), 3.8 (KBA).
	27	20 55 12.1	43.767	N	16.545	E	10	G			1.0	20	YUGOSLAVIA. ML 3.2 (ZAG), 3.0 (TTG).
	27	20 59 37.1?	36.40	N	29.22	E	10	G			1.2	4	TURKEY. MD 3.4 (ISK).
	27	21 15 50.4*	43.685	N	16.284	E	10	G			1.4	13	YUGOSLAVIA
	27	21 16 27.9	20.098	S	133.644	E	5	G	4.8		1.4	34	NORTHERN TERRITORY, AUSTRALIA. Felt at Tennant Creek.
	27	21 44 12.2*	43.733	N	16.652	E	10	G			1.3	13	YUGOSLAVIA
	27	22 03 19.5?	43.78	N	16.56	E	10	G			0.9	4	YUGOSLAVIA
	27	22 18 43.3%	39.036	N	27.969	E	10	G			1.3	9	TURKEY. MD 2.9 (ISK).
	27	22 36 54.3%	42.979	N	12.890	E	10	G			1.3	8	CENTRAL ITALY
	27	22 45 50.5	40.656	N	23.716	E	10	G			0.8	10	GREECE. ML 2.0 (THE).
	27	22 49 34.0	17.103	N	120.091	E	65		4.7		0.9	51	LUZON, PHILIPPINE ISLANDS
	27	22 51 23.7	49.879	N	7.133	E	10	G			1.1	12	GERMANY. ML 2.7 (LDG), 2.4 (BNS). Felt in the Traben-Trarbach region.
	28	00 19 28.3&	34.017	N	117.583	W	6	G				3	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.5 (PAS). Felt in the epicentral area.
	28	01 37 58.2%	17.429	N	96.545	W	33	N			1.5	6	OAXACA, MEXICO
	28	01 38 10.4	47.558	N	7.831	E	10	G			0.8	12	SWITZERLAND. ML 2.6 (LDG).
	28	01 41 41.5&	33.000	N	117.717	W	6	G				4	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS).
	28	02 09 52.5&	36.067	N	117.950	W	6	G				3	CALIFORNIA-NEVADA BORDER REGION. <PAS-P>. ML 2.5 (PAS).
	28	02 22 27.1*	24.240	S	66.706	W	183	*	4.1		0.9	8	SALTA PROVINCE, ARGENTINA
	28	02 48 22.2	38.673	N	116.457	W	10	G	3.2		1.0	14	NEVADA. ML 3.9 (NEIS), 4.3 (BRK).
	28	03 33 51.8%	40.204	N	28.904	E	10	G			0.3	5	TURKEY. MD 2.0 (ISK).
	28	03 41 24.3*	32.857	S	70.016	W	131	?			0.5	9	CHILE-ARGENTINA BORDER REGION
	28	05 18 30.4	44.053	N	7.141	E	10	G			0.4	7	NORTHERN ITALY. ML 2.1 (GEN), 1.9 (LDG).
	28	05 28 36.5?	43.78	N	16.39	E	10	G			1.5	4	YUGOSLAVIA
	28	06 02 18.8?	6.88	S	129.24	E	129	?	4.7		1.0	10	BANDA SEA
	28	06 09 02.8*	43.784	N	16.833	E	10	G			1.6	9	YUGOSLAVIA
	28	06 16 38.9	43.816	N	16.537	E	10	G			1.2	21	YUGOSLAVIA. ML 3.0 (TTG).
	28	06 53 46.8*	44.929	N	27.206	E	10	G			0.3	5	ROMANIA
	28	07 27 17.8%	17.164	N	94.942	W	33	N			0.5	5	CHIAPAS, MEXICO
	28	07 47 15.8*	44.234	N	16.307	E	10	G			1.1	7	YUGOSLAVIA
	28	08 55 34.3%	17.126	N	95.119	W	88	?			0.7	6	OAXACA, MEXICO
	28	09 00 28.6?	41.37	N	30.99	E	10	G			0.3	5	TURKEY
	28	09 10 56.5	35.199	N	27.801	E	10	G			1.1	15	DODECANESE ISLANDS. MD 3.7 (ATH).
	28	09 21 30.4	40.156	N	20.421	E	10	G			1.3	21	GREECE-ALBANIA BORDER REGION. MD 3.4 (ATH).
	28	09 49 04.2*	37.586	N	71.171	E	33	N	3.9		1.0	8	AFGHANISTAN-USSR BORDER REGION
	28	10 21 43.2?	39.11	N	27.60	E	10	G			0.3	4	TURKEY. MD 2.4 (ISK).

	28	10	29	20.0?	63.37	N	11.00	E	10	G		1.3	4	SOUTHERN NORWAY. MD 1.9 (BER).
	28	10	43	59.7&	63.089	N	150.834	W	128				31	CENTRAL ALASKA. <AGS-P>.
	28	10	46	25.0*	40.869	N	29.560	E	10	G		0.4	5	TURKEY MD 2.1 (ISK).
	28	10	48	33.9?	39.57	N	29.54	E	10	G		1.4	4	TURKEY. MD 2.3 (ISK).
	28	11	12	24.3?	43.37	N	13.00	E	10	G		1.0	4	CENTRAL ITALY
	28	11	32	57.4*	23.027	N	121.548	E	99	?	4.0	1.2	11	TAIWAN
	28	12	33	51.6	43.819	N	16.583	E	10	G		1.2	48	YUGOSLAVIA. ML 3.8 (ZAG). MD 3.8 (TRI).
	28	13	46	26.6*	42.620	N	24.222	E	10	G		0.4	7	BULGARIA. ML 2.8 (THE).
	28	14	02	20.2%	39.130	N	27.540	E	10	G		0.5	5	TURKEY. MD 2.4 (ISK).
	28	14	14	24.8?	39.59	N	28.44	E	10	G		1.1	4	TURKEY
	28	14	37	12.4*	24.715	N	92.138	E	33	N		1.0	7	INDIA-BANGLADESH BORDER REGION
	28	15	10	27.7?	13.80	N	145.10	E	33	N	4.9	0.6	8	MARIANA ISLANDS
	28	15	14	31.3%	44.526	N	7.418	E	10	G		0.5	7	NORTHERN ITALY. ML 1.9 (GEN).
	28	16	19	44.1&	32.650	N	118.067	W	6	G			2	OFF COAST OF CALIFORNIA. <PAS-P>. ML 2.6 (PAS).
	28	18	47	38.6*	28.737	N	139.536	E	464	*	4.2	0.4	16	BONIN ISLANDS REGION
	28	19	21	21.7*	28.631	N	66.683	E	69	?	4.2	1.2	11	PAKISTAN
	28	19	30	33.5*	3.051	S	139.526	E	33	N	4.8	1.2	13	WEST IRIAN
	28	21	32	16.6	39.525	N	21.009	E	10	G		1.2	16	GREECE. ML 2.9 (THE)
	28	22	37	53.2	43.820	N	16.598	E	10	G		1.0	21	YUGOSLAVIA. ML 2.5 (TTG).
	28	23	33	11.8&	60.094	N	153.130	W	124				36	SOUTHERN ALASKA. <AGS-P>.
	28	23	59	21.0	44.766	N	7.840	E	10	G		0.9	19	NORTHERN ITALY. ML 2.6 (LDG), 2.5 (GEN).
a	29	00	40	31.8	21.088	S	178.867	W	620	D	5.2	1.0	160	FIJI ISLANDS REGION
	29	00	55	59.4&	61.600	N	148.128	W	86				7	SOUTHERN ALASKA. <AGS-P>.
	29	01	18	03.9	22.581	S	179.773	W	664	?	4.4	0.5	33	SOUTH OF FIJI ISLANDS
	29	01	38	28.2*	40.507	N	21.507	E	10	G		0.7	5	GREECE
	29	04	03	52.9*	7.241	S	128.858	E	102	*	4.8	1.1	16	BANDA SEA
a	29	04	29	06.7	15.127	N	147.478	E	32	D	4.9 4.8	1.0	67	MARIANA ISLANDS REGION
	29	05	30	25.9*	18.280	N	100.583	W	85		4.4	1.2	27	GUERRERO, MEXICO
	29	05	53	38.7	15.110	N	147.563	E	23		4.8	0.8	47	MARIANA ISLANDS REGION
	29	05	57	31.1&	61.149	N	148.543	W	32				72	SOUTHERN ALASKA. <AGS-P>. ML 3.1 (PMR).
	29	07	58	12.5?	0.96	S	79.92	W	33	*		0.7	7	ECUADOR
	29	08	00	44.4&	60.219	N	153.161	W	147				43	SOUTHERN ALASKA. <AGS-P>.
	29	08	02	32.1*	5.674	N	126.781	E	218	?	4.6	1.2	23	MINDANAO, PHILIPPINE ISLANDS
	29	08	11	36.4%	39.133	N	27.542	E	10	G		0.4	5	TURKEY. MD 2.2 (ISK).
	29	08	30	09.9	39.961	N	15.749	E	280		4.2	0.9	110	SOUTHERN ITALY
	29	08	56	23.7*	21.310	S	33.011	E	10	G	4.5	1.4	6	MOZAMBIQUE. mbLg 4.2 (BUL).
	29	09	21	09.1%	45.869	N	25.984	E	15	*		0.6	7	ROMANIA
	29	09	24	59.0	37.107	N	135.060	E	380		4.5	0.9	35	SEA OF JAPAN
	29	09	57	55.7%	40.599	N	28.927	E	10	G		1.1	6	TURKEY. MD 2.4 (ISK).
	29	10	20	32.7	24.308	N	94.488	E	91		5.0	1.0	30	BURMA-INDIA BORDER REGION
	29	10	41	17.9?	39.52	N	29.53	E	10	G		0.9	6	TURKEY. MD 2.3 (ISK).
	29	11	08	51.3&	78.499	N	107.651	W	10	G	4.5		33	QUEEN ELIZABETH ISLANDS. <PGC-P>.
	29	11	17	31.0?	39.17	N	27.62	E	10	G		1.0	4	TURKEY. MD 2.4 (ISK).
	29	12	00	51.7	35.712	N	140.814	E	59	*	4.7	1.4	49	NEAR EAST COAST OF HONSHU, JAPAN
	29	12	32	13.3&	62.078	N	150.303	W	52		2.8		73	CENTRAL ALASKA. <AGS-P>. Felt (IV) at Skwentna.
	29	12	36	59.5&	60.442	N	152.298	W	83				34	SOUTHERN ALASKA. <AGS-P>.
	29	12	46	59.7%	39.128	N	27.536	E	10	G		0.4	5	TURKEY. MD 2.7 (ISK).
	29	12	58	42.1?	42.22	N	21.97	E	10	G		1.1	4	YUGOSLAVIA. ML 1.5 (SKO).
	29	13	28	52.5*	18.190	S	69.261	W	169		4.4	0.9	12	NORTHERN CHILE
	29	13	35	06.2%	39.176	N	27.574	E	10	G		0.9	5	TURKEY. MD 2.6 (ISK).
	29	14	50	06.2	12.996	N	143.833	E	127		5.1	0.9	88	SOUTH OF MARIANA ISLANDS
	29	15	51	15.1	40.620	N	21.537	E	10	G		1.2	7	GREECE. ML 2.2 (THE).
	29	16	49	19.8	43.767	N	16.439	E	10	G		1.4	16	YUGOSLAVIA
	29	17	13	18.5%	31.672	S	117.116	E	10	G		1.4	6	WESTERN AUSTRALIA
	29	17	46	01.6	46.888	N	8.990	E	10	G		1.2	10	SWITZERLAND. ML 2.5 (VIE).
	29	18	47	47.5*	43.798	N	17.033	E	10	G		1.2	19	YUGOSLAVIA. ML 3.1 (ZAG).
	29	19	00	41.0%	33.147	S	70.276	W	10	G		0.2	6	CHILE-ARGENTINA BORDER REGION
	29	19	12	40.6	17.064	N	147.236	E	69	*	4.6	1.0	23	MARIANA ISLANDS REGION
	29	19	33	36.2&	37.507	N	118.893	W	2				13	CALIFORNIA-NEVADA BORDER REGION. <BRK>. ML 2.9 (BRK).
	29	19	52	43.6&	37.518	N	118.882	W	11				9	CALIFORNIA-NEVADA BORDER REGION. <BRK>. ML 2.7 (BRK).
	29	20	47	28.1%	39.860	N	28.797	E	10	G		0.2	6	TURKEY. MD 2.3 (ISK).
a	29	20	58	11.0	28.041	S	179.707	W	415	D	5.1	1.2	127	KERMADEC ISLANDS REGION. Felt on Raoul Island.
	29	21	25	58.4?	40.26	N	20.61	E	10	G		1.3	4	GREECE-ALBANIA BORDER REGION
a	29	21	26	19.9*	41.853	S	88.417	E	10	G	4.9	0.9	19	SOUTHEAST INDIAN RISE
	29	21	35	00.6*	41.978	S	88.263	E	10	G	4.8 5.3	0.9	23	SOUTHEAST INDIAN RISE
	29	23	36	16.8	40.671	N	23.717	E	10	G		0.7	11	GREECE. ML 2.4 (THE).
	30	01	03	10.9%	40.036	N	28.077	E	10	G		0.2	6	TURKEY. MD 2.0 (ISK).
	30	01	13	41.9%	39.423	N	23.709	E	10	G		0.2	5	AEGEAN SEA. ML 2.3 (THE).
	30	02	45	46.2?	38.13	N	27.33	E	33	N		0.9	5	TURKEY. MD 3.4 (ISK).
	30	03	25	34.7%	61.444	N	4.849	E	10	G		1.2	6	SOUTHERN NORWAY. MD 1.6 (BER).
	30	03	26	11.5&	37.523	N	118.958	W	8				9	CALIFORNIA-NEVADA BORDER REGION. <BRK>. ML 2.6 (BRK).
	30	04	00	40.6?	40.70	N	73.32	E	33	N		0.8	7	KIRGHIZ SSR. Felt (V) at Dzhalal-abad, (IV) at Uzgen and (III) at Mayli-Say and Osh.
	30	04	08	01.8%	44.504	N	7.268	E	10	G		0.2	5	NORTHERN ITALY. ML 1.7 (GEN).
	30	04	25	51.9%	44.085	N	11.273	E	10	G		1.3	6	NORTHERN ITALY
	30	04	26	00.0&	35.928	N	120.530	W	9				15	CENTRAL CALIFORNIA. <BRK>. ML 2.7 (BRK).
	30	05	04	48.2&	32.950	N	117.650	W	6	G			2	CALIFORNIA-MEXICO BORDER REGION. <PAS-P>. ML 2.5 (PAS).
	30	06	04	23.8&	60.154	N	153.317	W	134		3.2		56	SOUTHERN ALASKA. <AGS-P>.
	30	06	09	32.9	43.778	N	16.500	E	10	G		1.2	9	YUGOSLAVIA. ML 2.4 (TTG).
	30	08	39	11.0&	61.041	N	152.330	W	126				39	SOUTHERN ALASKA. <AGS-P>.
	30	10	10	51.4*	15.077	N	146.816	E	33	N	4.4	0.9	17	MARIANA ISLANDS
	30	10	14	55.2	43.875	N	16.662	E	10	G	4.0	1.3	137	YUGOSLAVIA. ML 4.3 (TTG), 4.3 (THE).
	30	11	05	52.7	35.298	N	26.648	E	33	N		1.0	10	CRETE. MD 3.9 (ATH).
	30	11	30	48.3	47.766	N	113.157	W	5	G	3.2	0.6	18	MONTANA. ML 3.5 (NEIS), 4.0 (BUT).
	30	11	39	09.7*	27.720	N	64.000	E	33	N	4.5	1.3	16	PAKISTAN
	30	12	08	26.3&	60.321	N	153.072	W	137				47	SOUTHERN ALASKA. <AGS-P>.
	30	13	11	03.8%	40.531	N	23.658	E	10	G		0.3	5	GREECE. ML 1.8 (THE).
a	30	13	19	27.6	1.030	N	123.970	E	28	D	5.6 5.2	1.0	148	MINAHASSA PENINSULA
	30	13	51	43.9%	39.127	N	27.662	E	10	G		1.4	6	TURKEY. MD 2.5 (ISK).
	30	14	03	43.1%	44.817	N	6.693	E	12	*		0.3	10	FRANCE. ML 2.0 (GEN).
	30	14	10	39.0&	62.936	N	144.012	W	13				43	CENTRAL ALASKA. <AGS-P>. ML 3.3 (PMR).
a	30	14	17	06.1	1.021	N	124.003	E	55		5.5 4.6	0.8	122	MINAHASSA PENINSULA
	30	15	24	41.5	16.444	N	145.739	E	543		4.5	0.9	32	MARIANA ISLANDS

30	15	45	41.1&	36.113	N	120.023	W	17			9	CENTRAL CALIFORNIA. <BRK>. ML 2.5 (BRK).
30	16	21	14.1	40.740	N	27.531	E	10	G	0.8	21	TURKEY. MD 3.5 (ATH), 3.5 (ISK).
30	18	25	52.6	39.362	N	20.119	E	10	G	0.9	9	GREECE-ALBANIA BORDER REGION. MD 3.2 (ATH).
30	18	59	07.7	38.775	N	26.499	E	17		0.5	17	AEGEAN SEA. MD 3.6 (ISK), 3.4 (ATH).
30	19	05	20.1&	37.630	N	118.947	W	8			9	CALIFORNIA-NEVADA BORDER REGION. <BRK>. ML 2.6 (BRK).
30	19	18	32.3&	40.932	N	119.358	W	5	G		5	NEVADA. <BRK>. ML 2.6 (BRK).
30	19	35	31.3*	28.863	S	61.761	E	10	G	4.4 0.4	12	ATLANTIC-INDIAN RISE
30	20	57	10.1*	47.980	S	104.355	E	10	G	5.3 0.6	20	SOUTHEAST INDIAN RISE
30	21	07	29.4&	58.579	N	153.682	W	65			29	KODIAK ISLAND REGION. <AGS-P>.
30	21	12	34.4&	64.507	N	130.384	W	18	G		10	NORTHWEST TERRITORIES, CANADA. <PGC-P>. ML 4.3 (PGC).
30	21	52	11.7%	39.204	N	2.734	W	10	G	1.0	5	SPAIN. mbLg 2.7 (MDD).
30	22	26	59.3*	25.517	S	69.003	W	110	*	4.1 0.9	9	NORTHERN CHILE
30	23	23	27.2?	0.26	N	77.92	W	33	N	0.5	4	COLOMBIA-ECUADOR BORDER REGION

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

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01 01 56 44.65  55.997S 143.195W  10km
   5.3mb (  8 obs.)  4.8Msz (  2 obs.)
   SOUTH PACIFIC CORDILLERA
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 15S, 29C
   Centroid Location:
   Origin Time        01:56:52.3 0.5
   Lat 56.49S 0.07 Lon 142.97W 0.09
   Dep  15.0 FIX Half-duration  1.8
   Principal Axes:
     Scale 10**16 Nm
     T  Val=  9.06  Plg= 0  Azm=219
     N       -2.04      90      180
     P       -7.02       0      129
   Best Double Couple:Mo=8.0*10**16
    NP1:Strike=264 Dip=90 Slip=-180
    NP2:        354     90        0

01 03 39 43.90   3.533S 139.367E  35km
   5.8mb ( 42 obs.)  5.2Msz ( 16 obs.)
   WEST IRIAN
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 16S, 33C
   Centroid Location:
   Origin Time        03:39:47.9 0.2
   Lat  3.60S 0.02 Lon 139.18E 0.02
   Dep  59.0 2.2 Half-duration  2.2
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  4.20  Plg=30  Azm=310
     N        0.86      56      100
     P       -5.05      14      211
   Best Double Couple:Mo=4.6*10**17
    NP1:Strike=347 Dip=59 Slip= 167
    NP2:         83     79       32

01 04 03 19.06   6.704S 125.636E 515km
   5.1mb ( 26 obs.)
   BANDA SEA
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 11S, 16C
   Centroid Location:
   Origin Time        04:03:21.6 1.7
   Lat  6.81S 0.14 Lon 125.62E 0.14
   Dep 529.1 7.1 Half-duration  1.8
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  2.07  Plg=59  Azm=231
     N       -0.63       3      135
     P       -1.44      31       43
   Best Double Couple:Mo=1.8*10**17
    NP1:Strike=122 Dip=14 Slip=  76
    NP2:        316     76       94

01 06 06 53.25   4.479S 104.735W  10km
   5.1mb ( 16 obs.)  5.5Msz (  4 obs.)
   NORTHERN EASTER I. CORDILLERA
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 18S, 33C
   Centroid Location:
   Origin Time        06:07: 0.2 0.4
   Lat  4.44S 0.03 Lon 104.95W 0.03
   Dep  15.0 FIX Half-duration  2.0
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  1.74  Plg= 0  Azm=140
     N       -0.11      90      180
     P       -1.64       0       50
   Best Double Couple:Mo=1.7*10**17
    NP1:Strike=185 Dip=90 Slip=-180
    NP2:        275     90        0

02 07 22 35.65  21.251S 174.366W  28km
   5.6mb ( 46 obs.)  5.3Msz ( 15 obs.)
   TONGA ISLANDS
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 16S, 33C
   Centroid Location:
   Origin Time        07:22:41.7 0.5
   Lat 21.41S 0.04 Lon 174.07W 0.04
   Dep  16.3 1.7 Half-duration  2.3
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  2.72  Plg=69  Azm=256
     N        0.50      11       17
     P       -3.22      17      110
   Best Double Couple:Mo=3.0*10**17
    NP1:Strike=217 Dip=29 Slip= 113
    NP2:         11     63       78

02 12 50 17.82  41.188N 142.158E  71km
   5.3mb ( 65 obs.)
   HOKKAIDO, JAPAN  REGION
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 15S, 29C
   Centroid Location:
   Origin Time        12:50:19.0 0.3
   Lat 41.34N 0.05 Lon 141.97E 0.06
   Dep  59.3 5.1 Half-duration  2.1
   Principal Axes:
     Scale 10**16 Nm
     T  Val= 14.86  Plg=32  Azm=347
     N       -1.34      37      229
     P      -13.52      36      105
   Best Double Couple:Mo=1.4*10**17
    NP1:Strike=134 Dip=37 Slip=  -3
    NP2:        227     88     -127

03 00 31 28.80  21.358S  33.282E  10km
   4.9mb ( 15 obs.)  5.1Msz (  3 obs.)
   MOZAMBIQUE
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 15S, 24C
   Centroid Location:
   Origin Time        00:31:37.2 0.5
   Lat 21.51S 0.09 Lon  33.26E 0.06
   Dep  15.0 FIX Half-duration  1.6
   Principal Axes:
     Scale 10**16 Nm
     T  Val=  6.36  Plg=11  Azm=270
     N       -0.88      12        2
     P       -5.48      73      138
   Best Double Couple:Mo=5.9*10**16
    NP1:Strike=345 Dip=35 Slip=-111
    NP2:        190     58      -76

03 11 20 19.32  14.656N  54.303E  10km
   5.1mb ( 42 obs.)  4.6Msz ( 11 obs.)
   ARABIAN SEA
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 17S, 31C
   Centroid Location:
   Origin Time        11:20:21.3 0.6
   Lat 14.95N 0.06 Lon  54.13E 0.04
   Dep  15.0 FIX Half-duration  1.7
   Principal Axes:
     Scale 10**16 Nm
     T  Val=  8.77  Plg= 0  Azm=167
     N       -0.22      90      180
     P       -8.55       0       77
   Best Double Couple:Mo=8.7*10**16
    NP1:Strike=212 Dip=90 Slip=-180
    NP2:        302     90        0

03 14 17 49.57  18.129S 178.458W 602km
   5.0mb ( 45 obs.)
   FIJI ISLANDS REGION
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 12S, 19C
   Centroid Location:
   Origin Time        14:18: 1.6 1.4
   Lat 17.24S 0.15 Lon 178.60W 0.10
   Dep 609.9 5.9 Half-duration  1.5
   Principal Axes:
     Scale 10**16 Nm
     T  Val=  9.48  Plg=44  Azm= 36
     N       -1.25      41      185
     P       -8.22      16      289
   Best Double Couple:Mo=8.9*10**16
    NP1:Strike= 62 Dip=46 Slip= 156
    NP2:        169     73       47

03 16 39 57.70  39.031N  71.426E  51km
   5.6mb ( 88 obs.)  4.7Msz ( 12 obs.)
   TAJIK SSR
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 14S, 26C
   Centroid Location:
   Origin Time        16:39:58.5 0.6
   Lat 39.15N 0.08 Lon  71.01E 0.09
   Dep  15.0 BDY Half-duration  1.8
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  1.41  Plg=72  Azm=  5
     N        0.12      12      234
     P       -1.54      14      141
   Best Double Couple:Mo=1.5*10**17
    NP1:Strike=215 Dip=33 Slip=  67
    NP2:         61     60      104

04 1B 13 43.06  15.721S  72.619W 121km
   5.4mb ( 54 obs.)
   SOUTHERN PERU
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 16S, 34C
   Centroid Location:
   Origin Time        18:13:51.1 0.3
   Lat 15.78S 0.03 Lon  72.51W 0.04
   Dep 140.5 1.2 Half-duration  2.2
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  4.79  Plg=54  Azm=124
     N        0.24      35      313
     P       -5.04       5      220
   Best Double Couple:Mo=4.9*10**17
    NP1:Strike=278 Dip=51 Slip=  42
    NP2:        159     59      133

04 22 04 45.48  51.186N 178.948E  33km
   5.1mb ( 58 obs.)  5.0Msz ( 19 obs.)
   RAT ISLANDS, ALEUTIAN ISLANDS
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 16S, 31C
   Centroid Location:
   Origin Time        22:04:48.8 0.4
   Lat 51.50N 0.05 Lon 179.42E 0.08
   Dep  15.0 FIX Half-duration  2.0
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  2.01  Plg=57  Azm=343
     N        0.11       2      251
     P       -2.12      33      160
   Best Double Couple:Mo=2.1*10**17
    NP1:Strike=243 Dip=12 Slip=  83
    NP2:         71     78       92
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04 22 23 06.34  12.975N 145.198E  52km
   5.5mb ( 33 obs.)  5.1Msz ( 14 obs.)
   SOUTH OF MARIANA ISLANDS
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 13S, 27C
   Centroid Location:
   Origin Time        22:23: 6.3 0.9
   Lat 13.11N 0.07 Lon 145.78E 0.08
   Dep  15.0 BDY Half-duration  2.1
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  1.42  Plg=72  Azm=285
     N        0.25       6       34
     P       -1.67      17      126
   Best Double Couple:Mo=1.5*10**17
    NP1:Strike=226 Dip=29 Slip= 103
    NP2:        31      62       83

05 13 22 54.53  17.495S 167.984E  33km
   5.3mb (  8 obs.)  4.9Msz ( 10 obs.)
   VANUATU ISLANDS
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 12S, 23C
   Centroid Location:
   Origin Time        13:22:57.4 0.4
   Lat 17.59S 0.08 Lon 167.84E 0.06
   Dep  45.3 4.3 Half-duration  1.7
   Principal Axes:
     Scale 10**16 Nm
     T  Val= 10.51  Plg=64  Azm=345
     N        1.87      25      152
     P      -12.38       5      244
   Best Double Couple:Mo=1.1*10**17
    NP1:Strike=  0 Dip=46 Slip= 127
    NP2:       132      55       58

05 15 34 13.22  43.651S  16.157W  10km
   5.3mb ( 17 obs.)  5.2Msz (  4 obs.)
   SOUTH ATLANTIC RIDGE
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 15S, 31C
   Centroid Location:
   Origin Time        15:34:20.2 0.3
   Lat 43.65S 0.05 Lon  16.17W 0.03
   Dep  15.0 FIX Half-duration  1.8
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  1.11  Plg= 0  Azm=265
     N        0.06       0      175
     P       -1.18      90      180
   Best Double Couple:Mo=1.1*10**17
    NP1:Strike=355 Dip=45 Slip= -90
    NP2:       175      45      -90

06 00 40 34.26  20.501S 178.673W 607km
   5.3mb ( 40 obs.)
   FIJI ISLANDS REGION
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 11S, 20C
   Centroid Location:
   Origin Time        00:40:51.0 0.9
   Lat 19.28S 0.10 Lon 178.94W 0.08
   Dep 631.9 6.3 Half-duration  1.8
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  1.26  Plg= 9  Azm= 89
     N        0.54      56      192
     P       -1.79      33      353
   Best Double Couple:Mo=1.5*10**17
    NP1:Strike=136 Dip=61 Slip=-162
    NP2:        37      74      -31

06 17 27 54.71   7.623S 159.163E  39km
   5.5mb ( 32 obs.)  4.9Msz (  6 obs.)
   SOLOMON ISLANDS
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 14S, 27C
   Centroid Location:
   Origin Time        17:28: 0.0 0.4
   Lat  7.53S 0.07 Lon 159.08E 0.06
   Dep  23.6 4.2 Half-duration  1.7
   Principal Axes:
     Scale 10**16 Nm
     T  Val=  8.23  Plg=69  Azm=201
     N       -0.60      10      317
     P       -7.63      19       51
   Best Double Couple:Mo=7.9*10**16
    NP1:Strike=157 Dip=28 Slip= 112
    NP2:       313      64       79

06 18 45 52.23  28.251N  55.462E  11km
   6.2mb ( 95 obs.)  6.7Msz ( 33 obs.)
   SOUTHERN IRAN
   FAULT PLANE SOLUTION: P-Waves
    NP1:Strike= 65 Dip=55 Slip=  90
    NP2:       245      35       90
   Principal Axes:
     T                Plg=80  Azm=335
     P                    10      155
   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        4.8±1.4*10**13 Nm
   MOMENT TENSOR SOLUTION
   Dep   4            No. of sta: 15
   Principal Axes:
     Scale 10**18 Nm
     T  Val=  5.35  Plg=80  Azm=217
     N       -0.02       9       69
     P       -5.32       5      338
   Best Double Couple:Mo=5.3*10**18
    NP1:Strike= 59 Dip=40 Slip=  77
    NP2:       256      51      101
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 17S, 40C  M.W.:  6S, 13C
   Centroid Location:
   Origin Time        18:45:59.3 0.2
   Lat 28.06N 0.02 Lon  55.25E 0.02
   Dep  15.0 BDY Half-duration  8.0
   Principal Axes:
     Scale 10**18 Nm
     T  Val=  8.37  Plg=76  Azm=302
     N       -0.10      10       80
     P       -8.27       9      172
   Best Double Couple:Mo=8.3*10**18
    NP1:Strike=274 Dip=37 Slip= 107
    NP2:        73      55       77

06 20 14 29.74  53.452N 169.871E  25km
   6.3mb ( 88 obs.)  7.0Msz ( 23 obs.)
   KOMANDORSKY ISLANDS REGION
   FAULT PLANE SOLUTION: P-Waves
    NP1:Strike= 53 Dip=84 Slip=  90
    NP2:       233       6       90
   Principal Axes:
     T                Plg=51  Azm=323
     P                    39      143
   Comment: The focal mechanism is
     poorly controlled and
     corresponds to reverse
     faulting. The preferred fault
     plane is NP2.
   RADIATED ENERGY
    No. of sta:  14  Focal mech.  M
    Energy        4.9±1.2*10**14 Nm
   MOMENT TENSOR SOLUTION
   Dep  24            No. of sta: 18
   Principal Axes:
     Scale 10**19 Nm
     T  Val=  4.53  Plg=51  Azm=342
     N        0.14      18      228
     P       -4.67      33      126
   Best Double Couple:Mo=4.6*10**19
    NP1:Strike=166 Dip=21 Slip=  27
    NP2:        51      81      109
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 16S, 43C  M.W.:  9S, 24C
   Centroid Location:
   Origin Time        20:14:39.9 0.1
   Lat 53.77N 0.01 Lon 169.41E 0.02
   Dep  26.6 0.7 Half-duration 10.0
   Principal Axes:
     Scale 10**19 Nm
     T  Val=  5.61  Plg=48  Azm=304
     N        0.41      21       60
     P       -6.01      34      165
   Best Double Couple:Mo=5.8*10**19
    NP1:Strike=308 Dip=23 Slip= 159
    NP2:        57      82       69

07 14 36 27.79   5.643N 125.247E  78km
   5.5mb ( 40 obs.)
   MINDANAO, PHILIPPINE ISLANDS
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 15S, 34C
   Centroid Location:
   Origin Time        14:36:29.4 0.3
   Lat  5.69N 0.02 Lon 125.46E 0.03
   Dep  47.1 2.2 Half-duration  2.3
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  3.82  Plg=75  Azm=338
     N       -0.55      14      174
     P       -3.28       4       83
   Best Double Couple:Mo=3.5*10**17
    NP1:Strike=158 Dip=43 Slip=  69
    NP2:         6      50      109

07 16 48 38.76  20.701S 178.293W 542km
   5.3mb ( 59 obs.)
   FIJI ISLANDS REGION
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 15S, 29C
   Centroid Location:
   Origin Time        16:48:46.4 0.9
   Lat 20.39S 0.07 Lon 178.62W 0.07
   Dep 570.4 3.3 Half-duration  1.8
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  1.43  Plg=19  Azm=131
     N        0.19      22      229
     P       -1.62      61        4
   Best Double Couple:Mo=1.5*10**17
    NP1:Strike=190 Dip=33 Slip=-133
    NP2:        58      67      -66

07 19 05 27.97  55.974S  27.538W  48km
   5.9mb ( 19 obs.)  5.3Msz (  6 obs.)
   SOUTH SANDWICH ISLANDS REGION
   FAULT PLANE SOLUTION: P-Waves
    NP1:Strike=220 Dip=81 Slip=  90
    NP2:        40       9       90
   Principal Axes:
     T                Plg=54  Azm=130
     P                    36      310
   Comment: The focal mechanism is
     poorly controlled and
     corresponds to reverse
     faulting. The preferred fault
     plane is NP2.
   MOMENT TENSOR SOLUTION
   Dep  40            No. of sta:  5
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  4.29  Plg=44  Azm= 95
     N       -0.02      34      227
     P       -4.27      26      336
   Best Double Couple:Mo=4.3*10**17
    NP1:Strike=115 Dip=36 Slip= 163
    NP2:       219      80       55
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 18S, 38C
   Centroid Location:
   Origin Time        19:05:34.1 0.2
   Lat 55.97S 0.03 Lon  27.55W 0.05
   Dep  51.5 3.6 Half-duration  2.5
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  4.32  Plg=45  Azm=143
     N       -0.06      15       37
     P       -4.26      41      293
   Best Double Couple:Mo=4.3*10**17
    NP1:Strike=315 Dip=16 Slip=   7
    NP2:       218      88      105

08 10 15 46.15  28.881S 176.187W  51km
   5.5mb ( 23 obs.)
   KERMADEC ISLANDS REGION
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 15S, 28C
   Centroid Location:
   Origin Time        10:15:49.9 0.6
   Lat 28.20S 0.06 Lon 176.12W 0.06
   Dep  15.0 BDY Half-duration  1.6
   Principal Axes:
     Scale 10**16 Nm
     T  Val= 10.09  Plg=17  Azm=109
     N       -1.96      27      208
     P       -8.13      57      351
   Best Double Couple:Mo=9.1*10**16
    NP1:Strike=165 Dip=37 Slip=-140
    NP2:        40      67      -60

08 13 12 54.92  11.757N  85.872W 163km
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4.9mb (50 obs.)
NICARAGUA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 16S, 32C
Centroid Location:
Origin Time 13:12:59.6 0.5
Lat 12.03N 0.05 Lon 86.40W 0.05
Dep 156.5 1.5 Half-duration 2.0
Principal Axes:
Scale 10**17 Nm
T Val= 2.11 Plg=60 Azm= 47
N -0.58 8 151
P -1.53 29 245
Best Double Couple:Mo=1.8*10**17
NP1:Strike=356 Dip=18 Slip= 117
NP2: 148 74 82

08 14 10 42.24 8.549S 108.939E 74km
5.4mb (24 obs.)
JAVA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 31C
Centroid Location:
Origin Time 14:10:44.4 0.5
Lat 9.20S 0.04 Lon 109.06E 0.06
Dep 42.3 4.2 Half-duration 1.8
Principal Axes:
Scale 10**17 Nm
T Val= 0.85 Plg=75 Azm=317
N 0.42 11 93
P -1.27 10 185
Best Double Couple:Mo=1.1*10**17
NP1:Strike=288 Dip=36 Slip= 109
NP2: 85 56 77

08 14 56 00.48 13.809S 66.221E 10km
5.1mb (11 obs.) 5.0Msz (5 obs.)
MID-INDIAN RISE
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 14S, 32C
Centroid Location:
Origin Time 14:56: 8.3 0.8
Lat 13.40S 0.06 Lon 66.00E 0.07
Dep 15.0 FIX Half-duration 1.7
Principal Axes:
Scale 10**16 Nm
T Val= 7.40 Plg= 0 Azm=103
N -0.47 90 180
P -6.92 0 13
Best Double Couple:Mo=7.2*10**16
NP1:Strike=148 Dip=90 Slip=-180
NP2: 238 90 0

08 16 49 22.16 14.054S 170.514E 33km
5.0mb (11 obs.) 4.8Msz (3 obs.)
VANUATU ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 17S, 27C
Centroid Location:
Origin Time 16:49:25.6 0.7
Lat 14.11S 0.08 Lon 170.25E 0.07
Dep 15.0 FIX Half-duration 1.8
Principal Axes:
Scale 10**16 Nm
T Val= 10.75 Plg= 2 Azm=323
N -2.90 88 143
P -7.85 0 53
Best Double Couple:Mo=9.3*10**16
NP1:Strike= 98 Dip=88 Slip= 2
NP2: 8 88 178

10 11 30 29.08 12.212N 93.749E 33km
5.3mb (62 obs.) 4.9Msz (14 obs.)
ANDAMAN ISLANDS REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 16S, 33C
Centroid Location:
Origin Time 11:30:28.8 0.4
Lat 12.20N 0.05 Lon 93.75E 0.04
Dep 41.5 4.8 Half-duration 1.7
Principal Axes:
Scale 10**17 Nm
T Val= 1.54 Plg= 1 Azm=158
N 0.10 86 56
P -1.64 4 248
Best Double Couple:Mo=1.6*10**17
NP1:Strike=293 Dip=87 Slip= -2
NP2: 23 88 -177

11 07 06 28.90 74.683N 8.182E 10km
4.9mb (44 obs.) 4.8Msz (14 obs.)
GREENLAND SEA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 35C
Centroid Location:
Origin Time 07:06:34.4 0.4
Lat 74.80N 0.07 Lon 8.04E 0.09
Dep 15.0 FIX Half-duration 2.0
Principal Axes:
Scale 10**17 Nm
T Val= 1.22 Plg= 0 Azm=109
N -0.36 0 19
P -0.86 90 180
Best Double Couple:Mo=1.0*10**17
NP1:Strike=199 Dip=45 Slip= -90
NP2: 19 45 -90

11 07 48 22.36 30.992N 141.592E 37km
5.3mb (65 obs.) 5.0Msz (13 obs.)
SOUTH OF HONSHU, JAPAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 28C
Centroid Location:
Origin Time 07:48:24.1 0.5
Lat 31.07N 0.08 Lon 141.62E 0.05
Dep 15.0 FIX Half-duration 1.9
Principal Axes:
Scale 10**16 Nm
T Val= 11.38 Plg=66 Azm=277
N 2.75 3 181
P -14.13 24 90
Best Double Couple:Mo=1.3*10**17
NP1:Strike=174 Dip=21 Slip= 82
NP2: 2 69 93

11 11 57 37.21 33.985N 11.941E 10km
4.9mb (47 obs.) 5.0Msz (4 obs.)
TUNISIA
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 26C
Centroid Location:
Origin Time 11:57:39.2 1.0
Lat 33.73N 0.12 Lon 12.28E 0.07
Dep 15.0 FIX Half-duration 1.6
Principal Axes:
Scale 10**16 Nm
T Val= 6.48 Plg= 0 Azm=246
N 0.63 90 180
P -7.12 0 156
Best Double Couple:Mo=6.8*10**16
NP1:Strike=291 Dip=90 Slip=-180
NP2: 21 90 0

11 23 59 03.53 24.091N 121.758E 34km
5.4mb (69 obs.) 5.2Msz (7 obs.)
TAIWAN
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 10S, 21C
Centroid Location:
Origin Time 23:59: 6.5 0.3
Lat 24.10N 0.05 Lon 121.83E 0.07
Dep 38.2 5.1 Half-duration 2.0
Principal Axes:
Scale 10**17 Nm
T Val= 1.96 Plg=55 Azm=271
N 0.16 4 7
P -2.11 35 100
Best Double Couple:Mo=2.0*10**17
NP1:Strike=210 Dip=11 Slip= 113
NP2: 7 80 86

12 11 19 50.66 36.403N 71.160E 236km
5.0mb (83 obs.)
AFGHANISTAN-USSR BORDER REGION
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 23C
Centroid Location:
Origin Time 11:19:48.3 0.8
Lat 35.92N 0.09 Lon 71.17E 0.08
Dep 227.4 5.4 Half-duration 1.5
Principal Axes:
Scale 10**16 Nm
T Val= 5.35 Plg=67 Azm=289
N 1.49 5 31
P -6.84 23 123
Best Double Couple:Mo=6.1*10**16
NP1:Strike=223 Dip=23 Slip= 103
NP2: 29 68 85

12 12 28 51.52 42.959N 78.071E 19km
5.9mb (95 obs.) 6.3Msz (25 obs.)
ALMA-ATA REGION
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=200 Dip=76 Slip= 24
NP2: 104 67 165
Principal Axes:
T Plg=27 Azm= 64
P 6 331
Comment: The focal mechanism is moderately well controlled and corresponds to strike-slip faulting with a moderate reverse component. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 6 Focal mech. C
Energy 6.1±2.3*10**13 Nm
MOMENT TENSOR SOLUTION
Dep 19 No. of sta: 16
Principal Axes:
Scale 10**18 Nm
T Val= 5.02 Plg= 9 Azm= 70
N 0.31 81 239
P -5.34 2 339
Best Double Couple:Mo=5.2*10**18
NP1:Strike=114 Dip=82 Slip= 175
NP2: 205 85 8
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 21S, 53C M.W.: 3S, 5C
Centroid Location:
Origin Time 12:28:58.6 0.3
Lat 43.18N 0.04 Lon 78.24E 0.05
Dep 15.0 BDY Half-duration 6.0
Principal Axes:
Scale 10**18 Nm
T Val= 3.59 Plg=33 Azm= 70
N -0.60 57 256
P -2.99 3 162
Best Double Couple:Mo=3.3*10**18
NP1:Strike=211 Dip=65 Slip= 23
NP2: 111 70 154

13 02 35 07.87 46.104N 138.637E 14km
6.2mb (95 obs.) 5.7Msz (13 obs.)
NEAR E. COAST OF EASTERN USSR
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=220 Dip=60 Slip= 90
NP2: 40 30 90
Principal Axes:
T Plg=75 Azm=130
P 15 310
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is not determined.
RADIATED ENERGY
No. of sta: 11 Focal mech. C
Energy 7.9±1.3*10**12 Nm
MOMENT TENSOR SOLUTION
Dep 16 No. of sta: 15
Principal Axes:
Scale 10**17 Nm
T Val= 7.91 Plg=74 Azm= 48
N 2.37 15 207
P -10.28 6 299
Best Double Couple:Mo=9.1*10**17
NP1:Strike= 45 Dip=42 Slip= 113
NP2: 195 52 71
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 36C
Centroid Location:
Origin Time 02:35:15.5 0.2
Lat 46.02N 0.03 Lon 138.42E 0.04
Dep 15.0 BDY Half-duration 3.0
Principal Axes:
Scale 10**17 Nm
T Val= 8.51 Plg=85 Azm= 15
N -0.36 5 201
P -8.15 0 111
Best Double Couple:Mo=8.3*10**17
NP1:Strike=196 Dip=45 Slip= 83
NP2: 26 46 96

14 18 45 03.86 27.440N 66.092E 37km
5.3mb (74 obs.) 5.1Msz (12 obs.)
PAKISTAN

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   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 13S, 27C
   Centroid Location:
   Origin Time        18:45: 5.0 0.7
   Lat 27.45N 0.07 Lon  65.84E 0.06
   Dep  28.7 3.7 Half-duration  2.2
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  2.98  Plg=41  Azm= 62
     N       -0.94       49      233
     P       -2.04        4      329
   Best Double Couple:Mo=2.5*10**17
    NP1:Strike= 97 Dip=59 Slip= 151
    NP2:        203     66       35

15 02 34 32.40   3.908N  97.457E  48km
   6.0mb ( 80 obs.)  6.8Msz ( 37 obs.)
   NORTHERN SUMATERA
   FAULT PLANE SOLUTION: P-Waves
    NP1:Strike=220 Dip=85 Slip=  15
    NP2:        129     75      175
   Principal Axes:
     T                 Plg=14  Azm= 85
     P                      7      353
   Comment: The focal mechanism is
     poorly controlled and
     corresponds to strike-slip
     faulting with a small reverse
     component. The preferred fault
     plane is not determined.
   RADIATED ENERGY
    No. of sta:   6  Focal mech.  M
    Energy        1.1±0.3*10**14 Nm
   MOMENT TENSOR SOLUTION
   Dep  26            No. of sta: 14
   Principal Axes:
     Scale 10**18 Nm
     T  Val=  8.53  Plg=20  Azm= 84
     N        0.01       67      231
     P       -8.53       12      349
   Best Double Couple:Mo=8.5*10**18
    NP1:Strike=125 Dip=67 Slip= 174
    NP2:        218     84       23
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 21S, 58C  M.W.: 12S, 35C
   Centroid Location:
   Origin Time        02:34:39.2 0.2
   Lat  4.02N 0.02 Lon  97.52E 0.02
   Dep  15.0 FIX Half-duration 10.0
   Principal Axes:
     Scale 10**19 Nm
     T  Val=  1.15  Plg=17  Azm= 79
     N        0.09       67      217
     P       -1.24       15      345
   Best Double Couple:Mo=1.2*10**19
    NP1:Strike=122 Dip=67 Slip= 178
    NP2:        212     88       23

15 04 48 12.22   3.982N  97.324E  30km
   5.8mb ( 70 obs.)  5.6Msz ( 15 obs.)
   NORTHERN SUMATERA
   FAULT PLANE SOLUTION: P-Waves
    NP1:Strike=215 Dip=60 Slip=  90
    NP2:         35     30       90
   Principal Axes:
     T                 Plg=75  Azm=125
     P                     15      305
   Comment: The focal mechanism is
     poorly controlled and
     corresponds to reverse
     faulting. The preferred fault
     plane is not determined.
   RADIATED ENERGY
    No. of sta:   5  Focal mech.  F
    Energy        1.2±0.5*10**13 Nm

16 07 20 10.16  59.707S  26.244W  33km
   5.5mb ( 17 obs.)  5.3Msz (  9 obs.)
   SOUTH SANDWICH ISLANDS REGION
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 14S, 35C
   Centroid Location:
   Origin Time        07:20:14.2 0.2
   Lat 60.30S 0.03 Lon  25.60W 0.07
   Dep  15.0 FIX Half-duration  2.3
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  3.97  Plg=60  Azm=228
     N       -0.53       25       84
     P       -3.44       15      346
   Best Double Couple:Mo=3.7*10**17
    NP1:Strike= 45 Dip=37 Slip=  45
    NP2:        277     65      118

18 16 06 54.10   3.878N  97.357E  62km
   5.2mb ( 33 obs.)
   NORTHERN SUMATERA
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 13S, 25C
   Centroid Location:
   Origin Time        16:06:44.4 1.9
   Lat  3.44N 0.10 Lon  97.36E 0.12
   Dep  33.0 FIX Half-duration  1.5
   Principal Axes:
     Scale 10**16 Nm
     T  Val=  5.12  Plg=54  Azm=291
     N        0.27       35      121
     P       -5.39        5       28
   Best Double Couple:Mo=5.3*10**16
    NP1:Strike= 85 Dip=51 Slip=  41
    NP2:        326     59      132

18 16 23 06.95   3.942N  97.343E  67km
   5.7mb ( 85 obs.)
   NORTHERN SUMATERA
   FAULT PLANE SOLUTION: P-Waves
    NP1:Strike=300 Dip=48 Slip= 110
    NP2:         91     46       69
   Principal Axes:
     T                 Plg=75  Azm=282
     P                      1       16
   Comment: The focal mechanism is
     poorly controlled and
     corresponds to reverse
     faulting with a moderate
     strike-slip component. The
     preferred fault plane is not
     determined.
   RADIATED ENERGY
    No. of sta:   3  Focal mech.  F
    Energy        2.4±0.7*10**11 Nm
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 13S, 28C
   Centroid Location:
   Origin Time        16:23: 1.7 0.6
   Lat  3.64N 0.05 Lon  97.49E 0.06
   Dep  35.0 4.0 Half-duration  2.1
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  1.62  Plg=68  Azm=229
     N        0.84       11      108
     P       -2.46       18       15
   Best Double Couple:Mo=2.0*10**17
    NP1:Strike= 87 Dip=29 Slip=  66
    NP2:        294     64      103

18 20 28 15.38  17.800N  63.036W  92km
   5.5mb ( 81 obs.)
   LEEWARD ISLANDS
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 16S, 28C
   Centroid Location:
   Origin Time        20:28:19.0 0.5
   Lat 17.83N 0.06 Lon  62.92W 0.05
   Dep  90.1 2.9 Half-duration  1.8
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  1.10  Plg=73  Azm= 14
     N        0.29       13      154
     P       -1.39       10      247
   Best Double Couple:Mo=1.2*10**17
    NP1:Strike=352 Dip=37 Slip= 112
    NP2:        146     56       75

20 09 03 37.13   0.171N 127.010E 114km
   5.6mb ( 34 obs.)
   HALMAHERA
   FAULT PLANE SOLUTION: P-Waves
    NP1:Strike=230 Dip=80 Slip=-155
    NP2:        135     65      -11
   Principal Axes:
     T                 Plg=10  Azm=  1
     P                     25       95
   Comment: The focal mechanism is
     moderately well controlled and
     corresponds to strike-slip
     faulting with a moderate
     normal component. The
     preferred fault plane is not
     determined.
   MOMENT TENSOR SOLUTION
   Dep 103            No. of sta: 11
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  5.74  Plg=26  Azm=353
     N       -2.26       49      229
     P       -3.48       29       99
   Best Double Couple:Mo=4.6*10**17
    NP1:Strike=135 Dip=49 Slip=  -3
    NP2:        227     88     -139
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 15S, 37C
   Centroid Location:
   Origin Time        09:03:38.3 0.3
   Lat  0.40N 0.02 Lon 126.78E 0.03
   Dep 108.4 1.8 Half-duration  2.3
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  5.90  Plg=21  Azm=349
     N       -1.91       61      123
     P       -3.99       19      251
   Best Double Couple:Mo=4.9*10**17
    NP1:Strike= 30 Dip=61 Slip= 179
    NP2:        121     89       29

20 13 37 34.81  45.311N 150.846E  41km
   5.3mb ( 61 obs.)  4.6Msz ( 14 obs.)
   KURIL ISLANDS
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 11S, 20C
   Centroid Location:
   Origin Time        13:37:38.3 1.0
   Lat 45.73N 0.09 Lon 151.03E 0.11
   Dep  29.4 7.7 Half-duration  1.5
   Principal Axes:
     Scale 10**16 Nm
     T  Val=  4.76  Plg=81  Azm=288
     N        0.52        2       32
     P       -5.28        9      122
   Best Double Couple:Mo=5.0*10**16
    NP1:Strike=215 Dip=36 Slip=  94
    NP2:         30     54       87

20 20 17 40.25  18.109S 174.667W  60km
   5.2mb (  7 obs.)  5.3Msz ( 11 obs.)
   TONGA ISLANDS
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 16S, 37C
   Centroid Location:
   Origin Time        20:17:44.0 0.8
   Lat 17.81S 0.05 Lon 174.72W 0.06
   Dep  27.0 1.8 Half-duration  2.2
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  3.62  Plg= 4  Azm=121
     N       -0.64       24       29
     P       -2.98       66      220
   Best Double Couple:Mo=3.3*10**17
    NP1:Strike=234 Dip=46 Slip= -56
    NP2:         10     53     -120

21 01 48 26.40  51.650N 171.331W  33km
   5.8mb ( 73 obs.)  5.9Msz ( 38 obs.)
   FOX ISLANDS, ALEUTIAN ISLANDS
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 10S, 26C
   Centroid Location:
   Origin Time        01:48:26.2 0.3
   Lat 51.63N 0.03 Lon 170.70W 0.05
   Dep  18.7 4.0 Half-duration  2.3
   Principal Axes:
     Scale 10**17 Nm
     T  Val= 10.88  Plg=15  Azm=334
     N       -0.40       66      101
     P      -10.47       19      239
   Best Double Couple:Mo=1.1*10**18
    NP1:Strike= 17 Dip=66 Slip=-178
    NP2:        286     88      -24

22 05 13 45.78  51.764N 175.275W  59km
   5.1mb ( 68 obs.)
   ANDREANOF ISLANDS, ALEUTIAN IS.
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 10S, 22C
   Centroid Location:
   Origin Time        05:13:44.6 0.6
   Lat 51.85N 0.08 Lon 175.35W 0.10
   Dep  43.8 7.1 Half-duration  1.7
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   Principal Axes:
     Scale 10**16 Nm
     T  Val=  5.98  Plg=65  Azm=339
     N        0.36       3       243
     P       -6.33      25       152
   Best Double Couple:Mo=6.2*10**16
    NP1:Strike=235 Dip=20 Slip=  81
    NP2:        64      70        93

22 14 25 12.71  10.130S  78.617W  48km
   5.2mb ( 44 obs.)  4.5Msz (  4 obs.)
   NEAR COAST OF PERU
   CENTROID, MOMENT TENSOR    (HRV)
   Data Used: GDSN
   L.P.B.: 10S, 23C
   Centroid Location:
   Origin Time        14:25:17.6 0.8
   Lat  9.87S 0.07 Lon  78.47W 0.13
   Dep  48.0 FIX Half-duration  1.5
   Principal Axes:
     Scale 10**16 Nm
     T  Val=  6.45  Plg=55  Azm=231
     N       -1.05       7       332
     P       -5.40      34        67
   Best Double Couple:Mo=5.9*10**16
    NP1:Strike=185 Dip=13 Slip= 124
    NP2:       331      79        83

22 20 49 06.74   5.575S 150.993E  29km
   6.0mb ( 44 obs.)  6.0Msz ( 30 obs.)
   NEW BRITAIN REGION
   FAULT PLANE SOLUTION: P-Waves
    NP1:Strike= 67 Dip=55 Slip=  90
    NP2:       247      35        90
   Principal Axes:
     T                Plg=80  Azm=337
     P                    10       157
   Comment: The focal mechanism is
     poorly controlled and
     corresponds to reverse
     faulting. The preferred fault
     plane is NP2.
   RADIATED ENERGY
    No. of sta:   7  Focal mech.  M
    Energy        1.4±0.5*10**13 Nm
   MOMENT TENSOR SOLUTION
   Dep  41            No. of sta: 16
   Principal Axes:
     Scale 10**18 Nm
     T  Val=  3.38  Plg=78  Azm= 49
     N       -0.48      10       256
     P       -2.91       5       165
   Best Double Couple:Mo=3.1*10**18
    NP1:Strike=244 Dip=41 Slip=  74
    NP2:        85      51       103
   CENTROID, MOMENT TENSOR    (HRV)
   Data Used: GDSN
   L.P.B.: 16S, 42C  M.W.: 10S, 23C
   Centroid Location:
   Origin Time        20:49:18.5 0.2
   Lat  5.71S 0.02 Lon 150.95E 0.02
   Dep  45.5 0.7 Half-duration  5.0
   Principal Axes:
     Scale 10**18 Nm
     T  Val=  2.80  Plg=76  Azm= 33
     N        0.09      10       256
     P       -2.89       9       164
   Best Double Couple:Mo=2.8*10**18
    NP1:Strike=241 Dip=37 Slip=  72
    NP2:        83      55       103

23 00 56 08.90   5.005S 145.791E  62km
   5.4mb ( 22 obs.)
   EAST PAPUA NEW GUINEA REGION
   CENTROID, MOMENT TENSOR    (HRV)
   Data Used: GDSN
   L.P.B.: 11S, 31C
   Centroid Location:
   Origin Time        00:56:10.1 0.3
   Lat  4.74S 0.03 Lon 145.97E 0.03
   Dep  15.0 FIX Half-duration  2.2
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  4.93  Plg= 6  Azm=279
     N       -0.97      81        52
     P       -3.96       7       188
   Best Double Couple:Mo=4.4*10**17
    NP1:Strike=324 Dip=81 Slip=-180
    NP2:       234      90        -9

23 07 41 57.96   5.538N 125.851E 125km
   5.7mb ( 54 obs.)
   MINDANAO, PHILIPPINE ISLANDS
   FAULT PLANE SOLUTION: P-Waves
    NP1:Strike=355 Dip=73 Slip=  90
    NP2:       175      17        90
   Principal Axes:
     T                Plg=62  Azm=265
     P                    28        85
   Comment: The focal mechanism is
     poorly controlled and
     corresponds to reverse
     faulting. The preferred fault
     plane is NP2.
   MOMENT TENSOR SOLUTION
   Dep 100            No. of sta:  7
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  4.66  Plg=51  Azm=240
     N        0.10      10       343
     P       -4.76      37        81
   Best Double Couple:Mo=4.7*10**17
    NP1:Strike=218 Dip=12 Slip= 145
    NP2:       342      83        80
   CENTROID, MOMENT TENSOR    (HRV)
   Data Used: GDSN
   L.P.B.: 11S, 26C
   Centroid Location:
   Origin Time        07:42: 2.3 0.5
   Lat  6.01N 0.05 Lon 126.04E 0.05
   Dep 105.9 2.7 Half-duration  1.7
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  1.97  Plg=52  Azm=246
     N       -0.17       4       341
     P       -1.80      38        74
   Best Double Couple:Mo=1.9*10**17
    NP1:Strike=191 Dip= 8 Slip= 120
    NP2:       341      83        86

23 22 35 34.71   4.707N  75.574W 145km
   5.7mb ( 73 obs.)
   COLOMBIA
   FAULT PLANE SOLUTION: P-Waves
    NP1:Strike=270 Dip=83 Slip= 113
    NP2:        16      24        17
   Principal Axes:
     T                Plg=47  Azm=204
     P                    34       341
   Comment: The focal mechanism is
     moderately well controlled and
     corresponds to reverse
     faulting with a moderate
     strike-slip component. The
     preferred fault plane is not
     determined.
   RADIATED ENERGY
    No. of sta:   4  Focal mech.  C
    Energy        4.1±1.3*10**12 Nm
   MOMENT TENSOR SOLUTION
   Dep 158            No. of sta: 12
   Principal Axes:
     Scale 10**18 Nm
     T  Val=  1.54  Plg=48  Azm=212
     N        0.00      23        95
     P       -1.54      33       349
   Best Double Couple:Mo=1.5*10**18
    NP1:Strike= 26 Dip=24 Slip=  20
    NP2:       278      82       113
   CENTROID, MOMENT TENSOR    (HRV)
   Data Used: GDSN
   L.P.B.: 12S, 29C
   Centroid Location:
   Origin Time        22:35:34.6 0.4
   Lat  4.45N 0.03 Lon  75.46W 0.04
   Dep 147.0 1.2 Half-duration  3.0
   Principal Axes:
     Scale 10**17 Nm
     T  Val= 12.04  Plg=28  Azm=129
     N       -1.80      17       229
     P      -10.24      56       346
   Best Double Couple:Mo=1.1*10**18
    NP1:Strike=182 Dip=23 Slip=-139
    NP2:        53      75       -72

24 07 46 06.96  15.512S 177.302W 415km
   5.0mb ( 29 obs.)
   FIJI ISLANDS REGION
   CENTROID, MOMENT TENSOR    (HRV)
   Data Used: GDSN
   L.P.B.: 11S, 23C
   Centroid Location:
   Origin Time        07:46:16.3 1.3
   Lat 14.64S 0.14 Lon 177.38W 0.07
   Dep 393.0 3.3 Half-duration  1.9
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  1.90  Plg=17  Azm=301
     N       -0.61      71       152
     P       -1.29      10        34
   Best Double Couple:Mo=1.6*10**17
    NP1:Strike= 78 Dip=71 Slip=   5
    NP2:       346      85       161

24 16 16 59.31   2.029S 135.294E  33km
   5.3mb (  6 obs.)  4.8Msz ( 10 obs.)
   WEST IRIAN REGION
   CENTROID, MOMENT TENSOR    (HRV)
   Data Used: GDSN
   L.P.B.: 12S, 26C
   Centroid Location:
   Origin Time        16:17: 0.3 0.5
   Lat  1.38S 0.09 Lon 135.76E 0.07
   Dep  15.0 FIX Half-duration  1.7
   Principal Axes:
     Scale 10**16 Nm
     T  Val= 10.00  Plg=11  Azm=319
     N       -1.94      54        65
     P       -8.07      34       221
   Best Double Couple:Mo=9.0*10**16
    NP1:Strike=  6 Dip=58 Slip=-163
    NP2:       266      75       -33

25 01 00 53.15  23.575S 175.824W  29km
   5.3mb ( 16 obs.)  5.3Msz ( 16 obs.)
   TONGA ISLANDS REGION
   CENTROID, MOMENT TENSOR    (HRV)
   Data Used: GDSN
   L.P.B.: 11S, 29C
   Centroid Location:
   Origin Time        01:00:58.7 0.4
   Lat 23.55S 0.06 Lon 175.49W 0.05
   Dep  15.0 FIX Half-duration  2.2
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  3.73  Plg=61  Azm=307
     N        0.06       6       206
     P       -3.79      28       113
   Best Double Couple:Mo=3.8*10**17
    NP1:Strike=187 Dip=17 Slip=  70
    NP2:        28      74        96

25 03 36 12.98  23.780S 175.771W  59km
   5.5mb ( 15 obs.)  5.4Msz ( 16 obs.)
   TONGA ISLANDS REGION
   CENTROID, MOMENT TENSOR    (HRV)
   Data Used: GDSN
   L.P.B.: 14S, 35C
   Centroid Location:
   Origin Time        03:36:17.1 0.3
   Lat 23.54S 0.04 Lon 175.46W 0.03
   Dep  30.0 1.9 Half-duration  2.3
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  5.62  Plg=68  Azm=316
     N        0.69       7       207
     P       -6.30      20       115
   Best Double Couple:Mo=6.0*10**17
    NP1:Strike=192 Dip=25 Slip=  73
    NP2:        31      66        98

25 04 02 43.87  23.890S 175.779W  33km
   5.4mb ( 16 obs.)  5.6Msz (  8 obs.)
   TONGA ISLANDS REGION
   CENTROID, MOMENT TENSOR    (HRV)
   Data Used: GDSN
   L.P.B.: 12S, 25C
   Centroid Location:
   Origin Time        04:02:53.1 1.5
   Lat 23.36S 0.16 Lon 175.39W 0.08
   Dep 192.0 3.2 Half-duration  2.0
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  1.71  Plg=10  Azm=106
     N        0.02       4       197
     P       -1.73      79       308
   Best Double Couple:Mo=1.7*10**17
    NP1:Strike=191 Dip=35 Slip= -97
    NP2:        20      56       -85

25 12 32 45.19   2.692S  77.773W  25km
   5.6mb ( 64 obs.)  4.9Msz (  9 obs.)
   PERU-ECUADOR BORDER REGION
   CENTROID, MOMENT TENSOR    (HRV)
   Data Used: GDSN
   L.P.B.:  9S, 19C
   Centroid Location:
   Origin Time        12:32:53.7 0.5
   Lat  2.70S  FIX;Lon  77.79W  FIX
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   Dep  25.0 FIX Half-duration  1.6
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  1.20  Plg=79  Azm= 80
     N        0.21       5      193
     P       -1.41      10      284
   Best Double Couple:Mo=1.3*10**17
    NP1:Strike= 20 Dip=35 Slip=  98
    NP2:        190     55       84

26 20 09 19.86  21.720S 179.300W 614km
   5.2mb ( 39 obs.)
   FIJI ISLANDS REGION
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.:  8S, 14C
   Centroid Location:
   Origin Time        20:09:32.5 1.2
   Lat 21.29S 0.17 Lon 179.55W 0.11
   Dep 613.7 6.0 Half-duration  1.7
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  1.38  Plg=51  Azm=177
     N       -0.24       3      271
     P       -1.14      39        3
   Best Double Couple:Mo=1.3*10**17
    NP1:Strike=115 Dip= 7 Slip= 115
    NP2:        270     84       87

27 04 37 58.59  43.853N  16.633E  24km
   5.1mb ( 50 obs.)  5.6Msz (  9 obs.)
   YUGOSLAVIA
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.:  9S, 23C
   Centroid Location:
   Origin Time        04:38: 1.0 0.6
   Lat 43.42N 0.08 Lon  16.44E 0.07
   Dep  15.0 BDY Half-duration  2.5
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  2.52  Plg=67  Azm=  5
     N        0.15       7      112
     P       -2.67      22      205
   Best Double Couple:Mo=2.6*10**17
    NP1:Strike=308 Dip=24 Slip= 108
    NP2:        109     67       82

29 00 40 31.80  21.088S 178.867W 620km
   5.2mb ( 32 obs.)
   FIJI ISLANDS REGION
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 12S, 24C
   Centroid Location:
   Origin Time        00:40:40.3 0.8
   Lat 20.64S 0.08 Lon 179.27W 0.05
   Dep 634 0 3.4 Half-duration  2.3
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  2.93  Plg=36  Azm=128
     N        0.15      14      228
     P       -3.08      50      336
   Best Double Couple:Mo=3.0*10**17
    NP1:Strike=167 Dip=16 Slip=-153
    NP2:         50     83      -76

29 04 29 06.78  15.127N 147.478E  32km
   4.9mb ( 12 obs.)  4.8Msz ( 11 obs.)
   MARIANA ISLANDS REGION
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.:  8S, 23C
   Centroid Location:
   Origin Time        04:29: 7.5 0.7
   Lat 15.04N 0.10 Lon 147.99E 0.04
   Dep  15.0 FIX Half-duration  1.5
   Principal Axes:
     Scale 10**16 Nm
     T  Val=  5.77  Plg= 0  Azm=103
     N       -0.88       0       13
     P       -4.89      90      180
   Best Double Couple:Mo=5.3*10**16
    NP1:Strike=193 Dip=45 Slip= -90
    NP2:         13     45      -90

29 20 58 11.08  28.041S 179.707W 415km
   5.1mb ( 26 obs.)
   KERMADEC ISLANDS REGION
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 13S, 33C
   Centroid Location:
   Origin Time        20:58:18.7 0.3
   Lat 27.66S 0.03 Lon 179.79W 0.02
   Dep 425.7 1.3 Half-duration  3.0
   Principal Axes:
     Scale 10**18 Nm
     T  Val=  1.45  Plg=30  Azm= 88
     N       -0.11      53      230
     P       -1.33      19      347
   Best Double Couple:Mo=1.4*10**18
    NP1:Strike=125 Dip=55 Slip= 171
    NP2:        220     82       36

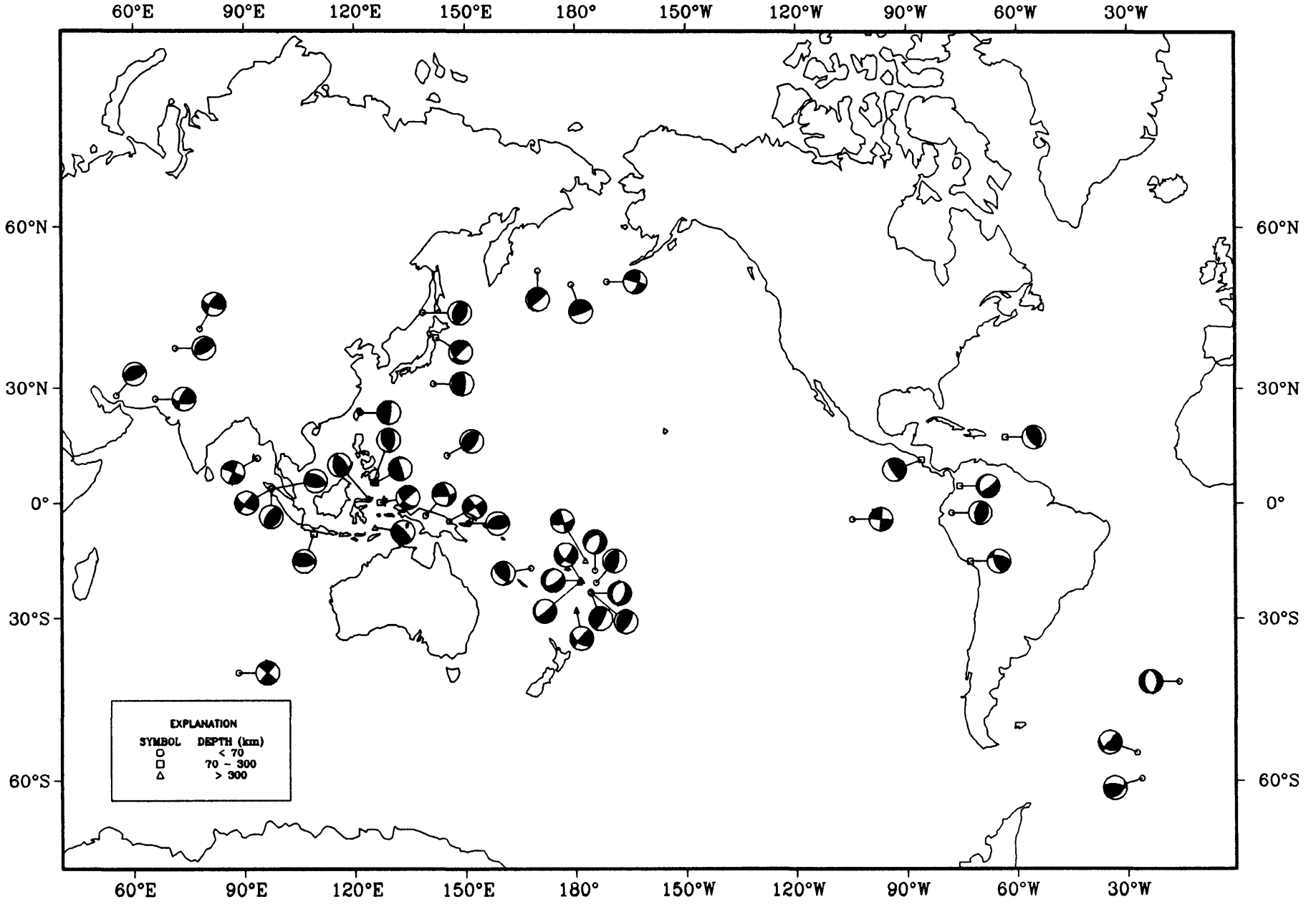
29 21 26 19.98  41.853S  88.417E  10km
   4.9mb (  6 obs.)
   SOUTHEAST INDIAN RISE
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 11S, 21C
   Centroid Location:
   Origin Time        21:26:31.1 0.7
   Lat 41.57S 0.05 Lon  88.82E 0.13
   Dep  15.0 FIX Half-duration  2.0
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  1.26  Plg= 0  Azm=176
     N       -0.29      90      180
     P       -0.97       0       86
   Best Double Couple:Mo=1.1*10**17
    NP1:Strike=221 Dip=90 Slip=-180
    NP2:        311     90        0

30 13 19 27.64   1.030N 123.970E  28km
   5.6mb ( 33 obs.)  5.2Msz ( 17 obs.)
   MINAHASSA PENINSULA
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 13S, 28C
   Centroid Location:
   Origin Time        13:19:30.1 0.5
   Lat  1.14N 0.04 Lon 123.85E 0.04
   Dep  28.4 2.1 Half-duration  3.0
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  6.32  Plg=73  Azm=159
     N       -0.61      17      338
     P       -5.71       0       68
   Best Double Couple:Mo=6.0*10**17
    NP1:Strike=175 Dip=47 Slip= 113
    NP2:        322     48       67

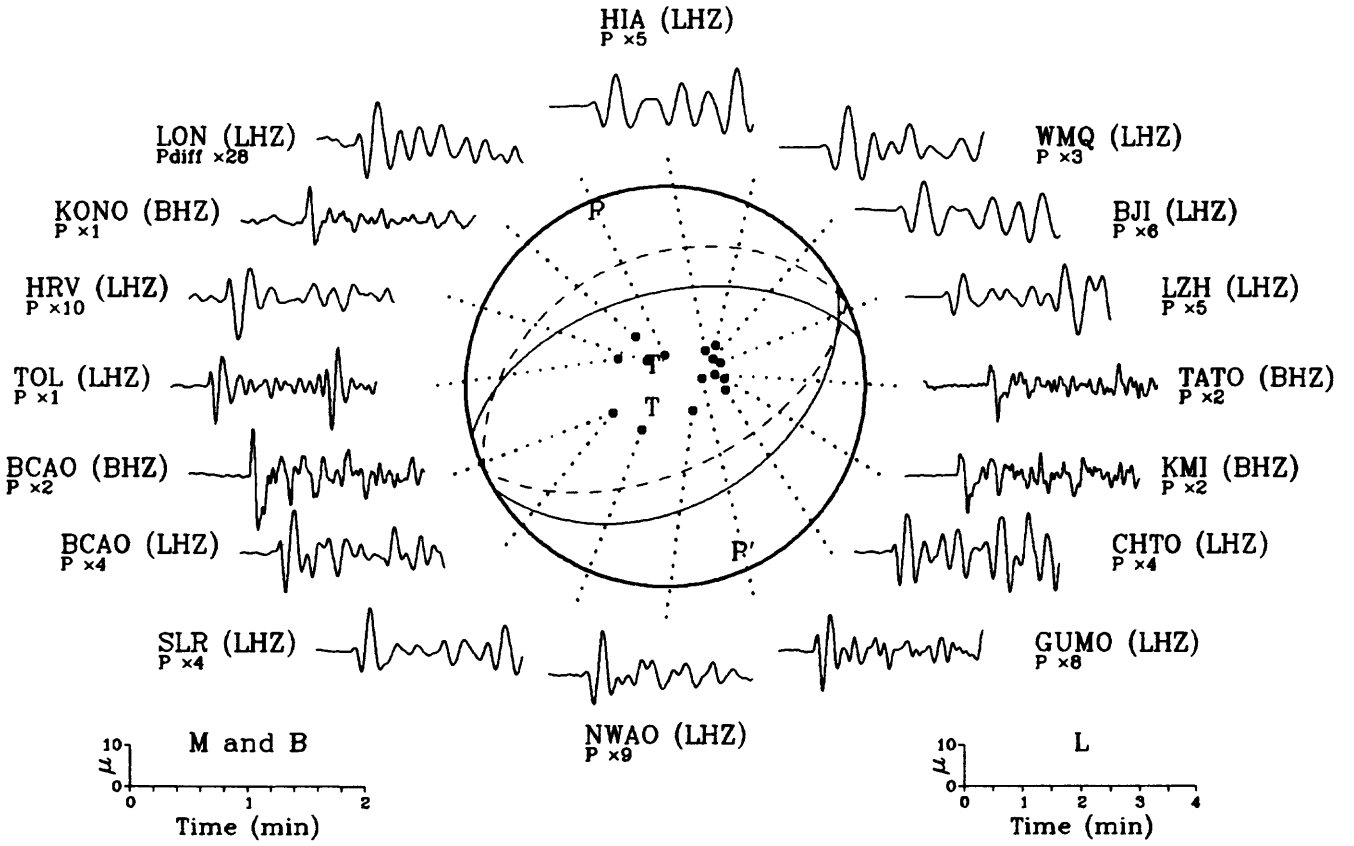
30 14 17 06.16   1.021N 124.003E  55km
   5.5mb ( 37 obs.)  4.6Msz (  5 obs.)
   MINAHASSA PENINSULA
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 11S, 21C
   Centroid Location:
   Origin Time        14:17: 8.4 1.4
   Lat  1.43N 0.11 Lon 123.83E 0.10
   Dep  33.0 FIX Half-duration  1.7
   Principal Axes:
     Scale 10**16 Nm
     T  Val= 10.27  Plg=78  Azm=  8
     N        0.55      11      159
     P      -10.82       6      250
   Best Double Couple:Mo=1.1*10**17
    NP1:Strike=352 Dip=40 Slip= 107
    NP2:        150     52       76
```

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

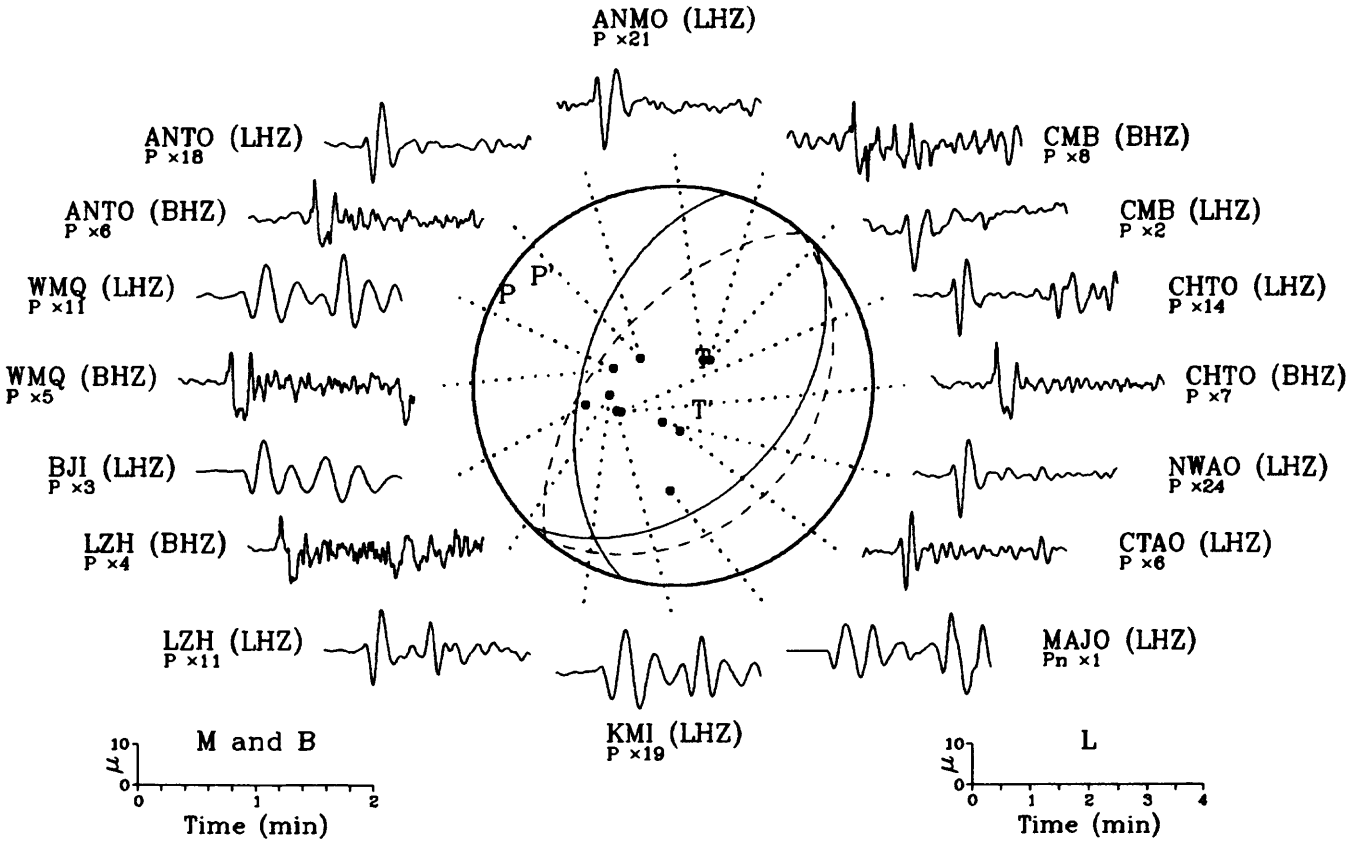
Earthquake Focal Mechanisms for November 1990



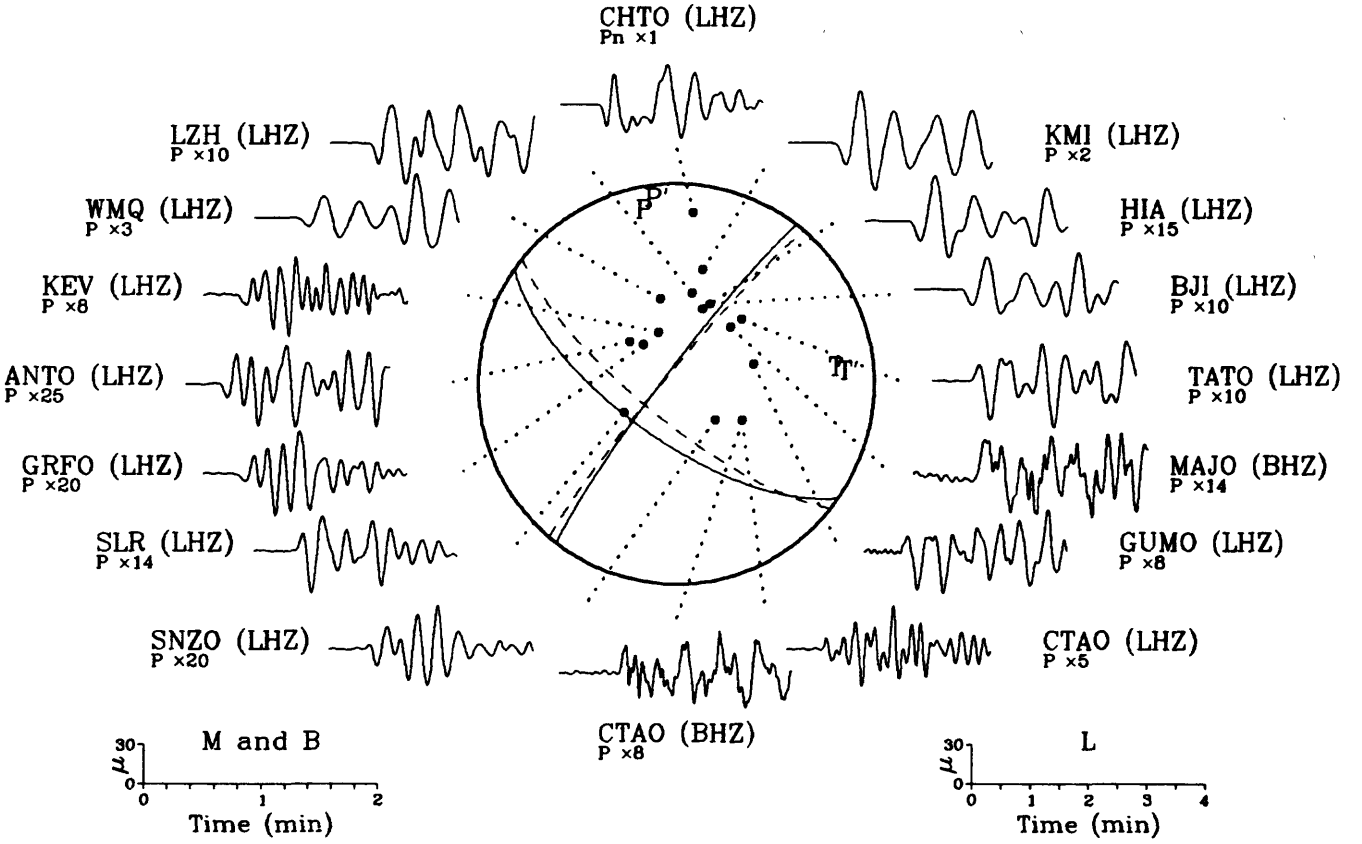
06 November 1990 18:45:52.23
Southern Iran



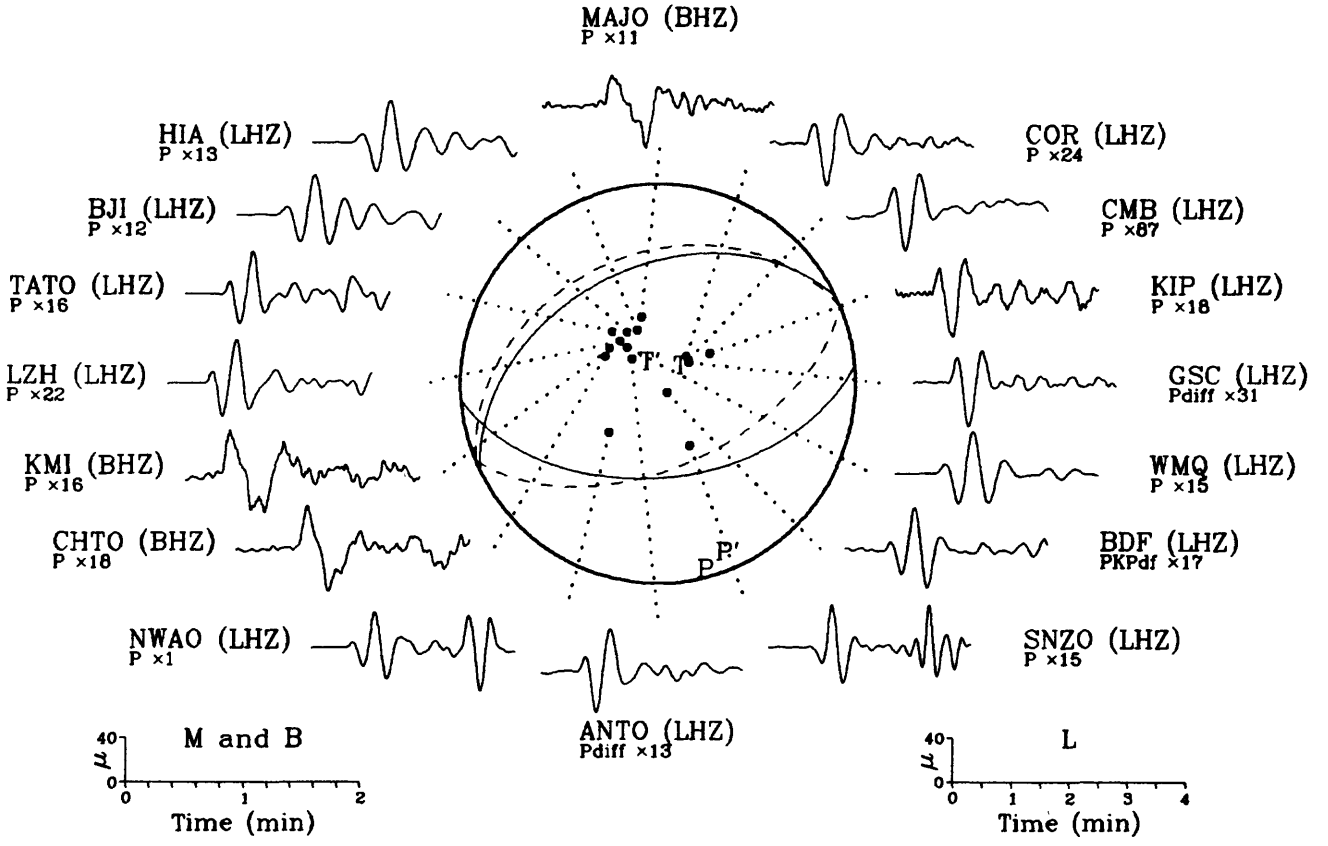
13 November 1990 02:35:07.87
Near E. Coast of Eastern USSR



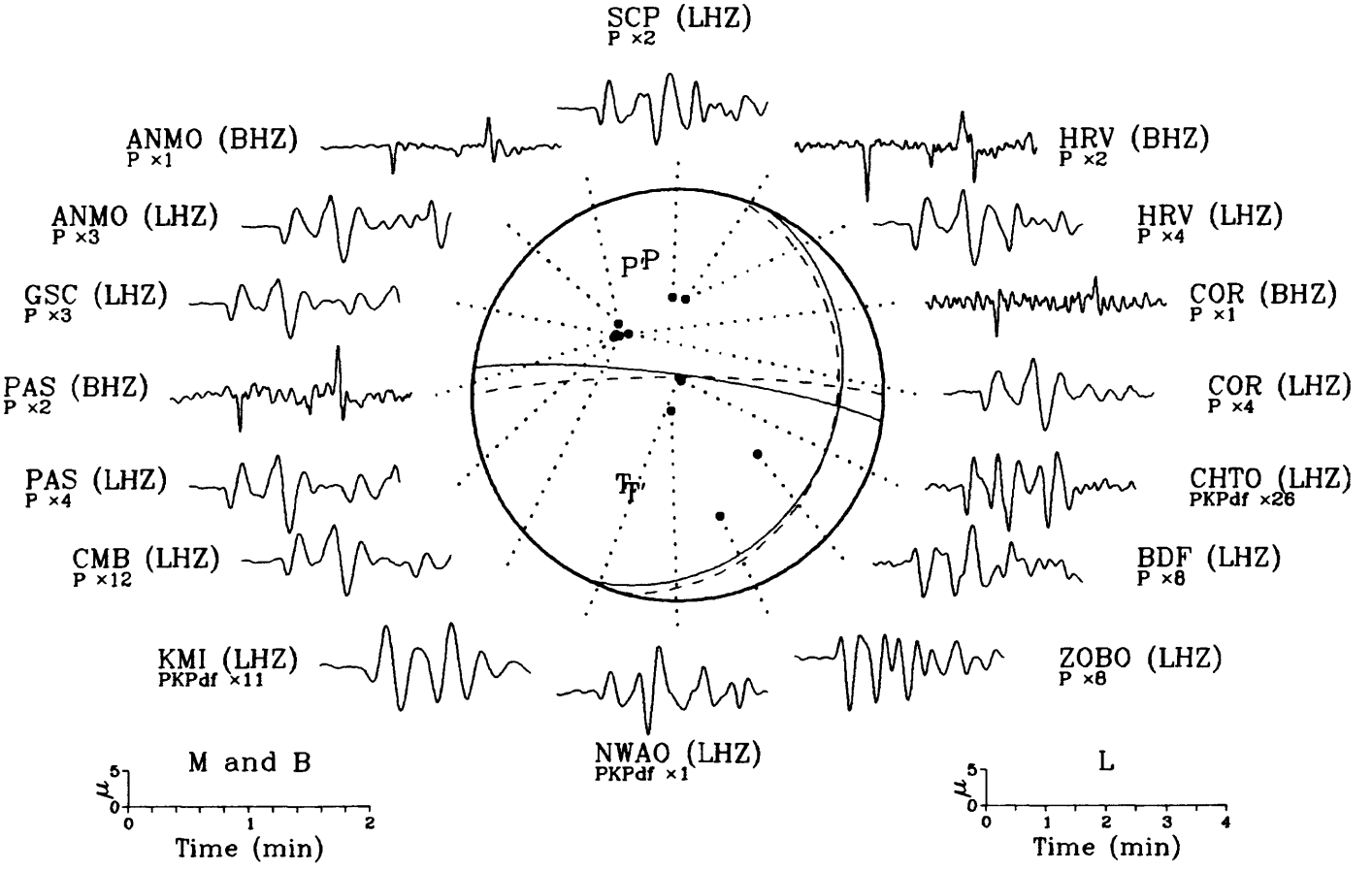
15 November 1990 02:34:32.40
Northern Sumatera

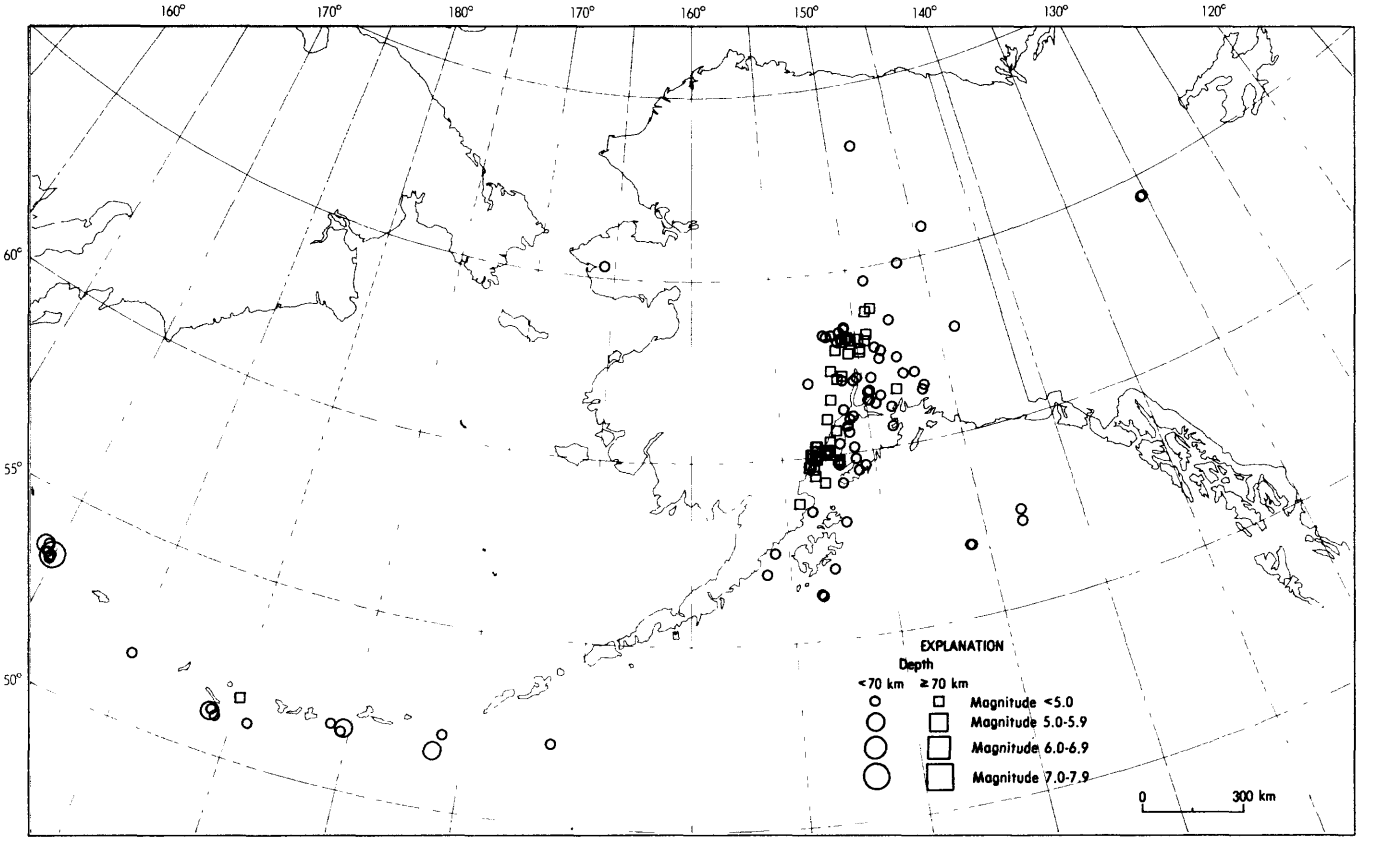


22 November 1990 20:49:06.74
New Britain Region

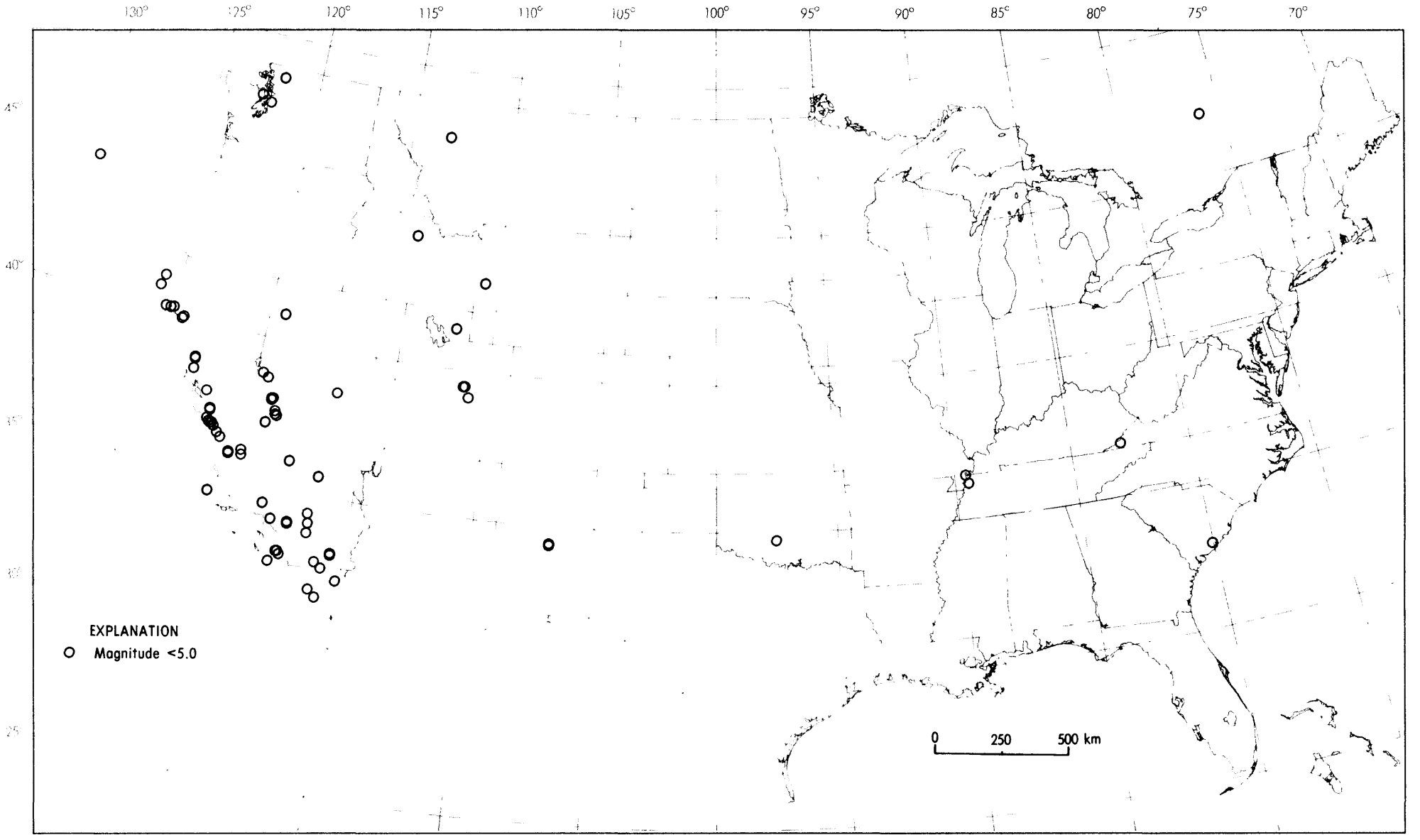


23 November 1990 22:35:34.71
Colombia

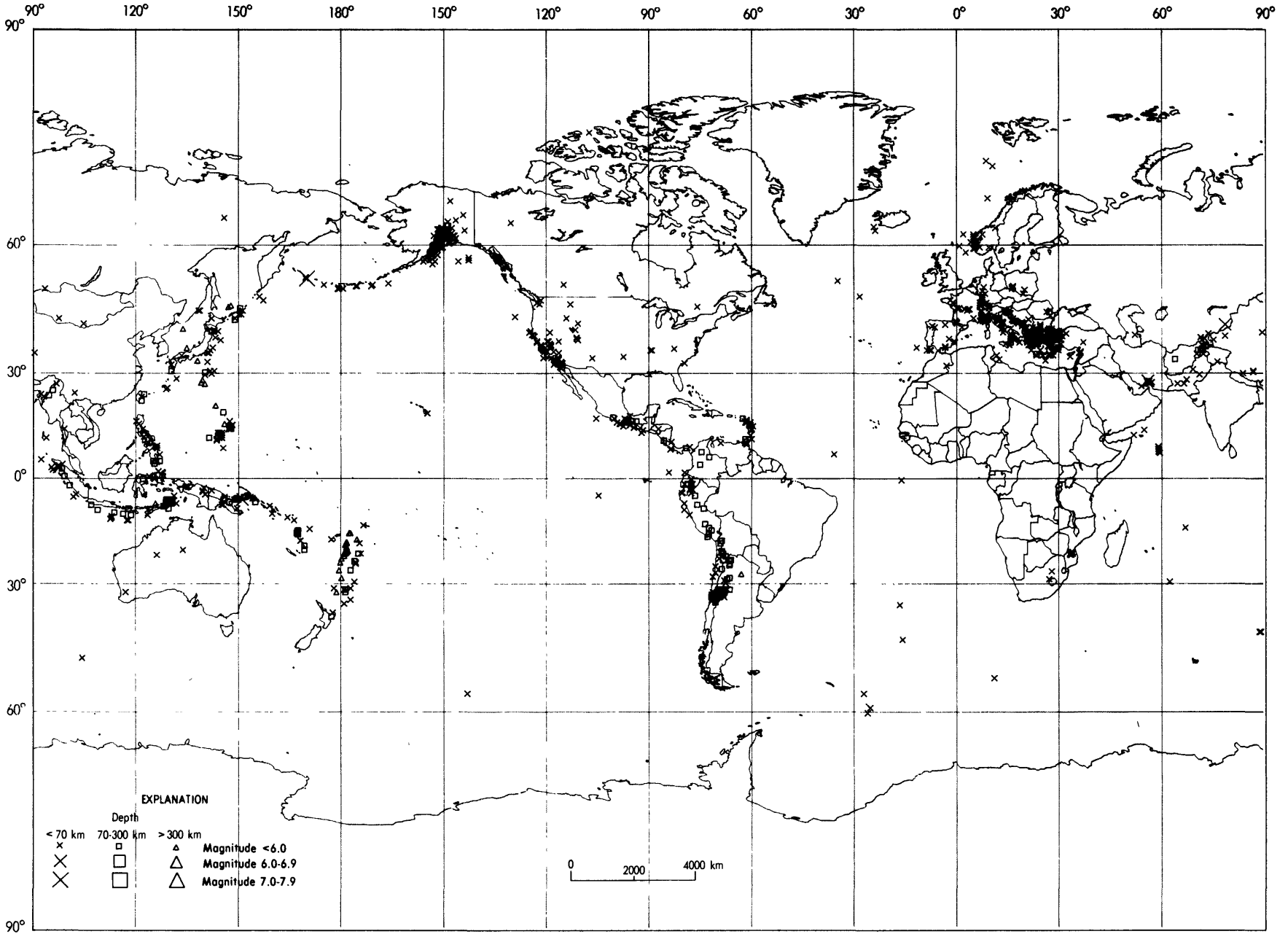




Earthquake epicenters in Alaska and adjacent regions for November, 1990 (C. Stover).



Earthquake epicenters in the conterminous United States and adjacent regions for November, 1990 (C. Stover).



Earthquakes located in November, 1990 (C. Stover).

PRELIMINARY DETERMINATION OF EPICENTERS

MONTHLY LISTING

U.S. DEPARTMENT OF THE INTERIOR / GEOLOGICAL SURVEY

National Earthquake Information Center

DECEMBER 1990

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	01	51.2?	49.11	N	7.05	E	10 G			1.1	4	GERMANY. ML 2.7 (BNS).
	01	00	31	28.7	3.633	S	135.598	E	33 N			0.7	11	WEST IRIAN REGION
	01	00	52	40.9%	40.726	N	27.532	E	10 G			0.8	8	TURKEY
	01	01	38	41.0&	32.183	N	115.083	W	6 G				9	CALIFORNIA-MEXICO BORDER REGION. <PAS-P>. ML 2.5 (PAS). MD 2.7 (ECX).
	01	02	01	44.1*	15.384	N	147.035	E	120 ?	4.1		1.1	14	MARIANA ISLANDS REGION
	01	02	21	25.5	44.223	N	8.218	E	10 G			0.3	6	NORTHERN ITALY. ML 1.7 (GEN).
	01	02	44	22.4*	5.778	S	154.346	E	33 N			0.7	9	SOLOMON ISLANDS
	01	04	31	40.5&	63.971	N	147.518	W	4	3.3			50	CENTRAL ALASKA. <AGS-P>.
	01	04	34	54.2	39.635	N	23.730	E	11			0.8	19	AEGEAN SEA. ML 2.9 (THE).
	01	05	42	40.6	43.470	N	17.495	E	13	3.9		1.4	96	YUGOSLAVIA. ML 4.2 (THE), 3.8 (ROM), 3.2 (LJU). MD 4.0 (TRI), 3.8 (TTG).
	01	05	51	54.2*	35.764	N	16.509	W	10 G	3.5		1.1	7	NORTH ATLANTIC OCEAN
	01	07	37	32.5&	32.033	N	114.933	W	6 G				2	W. ARIZ. - MEXICO BORDER REGION. <PAS-P>. ML 2.5 (PAS).
	01	07	39	40.4&	32.083	N	114.967	W	6 G				10	W. ARIZ. - MEXICO BORDER REGION. <PAS-P>. ML 3.0 (PAS), 3.1 (ECX).
	01	07	41	18.4*	45.962	N	14.242	E	10 G			1.4	5	YUGOSLAVIA. MD 2.1 (LJU).
	01	07	46	56.1&	63.463	N	150.811	W	17				27	CENTRAL ALASKA. <AGS-P>.
	01	07	49	22.6?	40.46	N	28.91	E	10 G			0.6	4	TURKEY. MD 2.0 (ISK).
	01	07	54	44.6&	32.033	N	114.950	W	6 G				7	W. ARIZ. - MEXICO BORDER REGION. <PAS-P>. ML 3.0 (PAS). MD 3.2 (ECX).
	01	07	59	50.1*	27.042	N	35.077	E	10 G			0.6	8	WESTERN ARABIAN PENINSULA
	01	08	17	24.9	40.548	N	29.197	E	10 G			1.0	7	TURKEY. MD 2.6 (ISK).
	01	08	46	44.2&	32.067	N	114.950	W	6 G				8	W. ARIZ. - MEXICO BORDER REGION. <PAS-P>. ML 2.8 (PAS). MD 3.1 (ECX).
	01	08	48	05.3&	32.033	N	114.917	W	6 G				1	W. ARIZ. - MEXICO BORDER REGION. <PAS-P>. ML 2.7 (PAS).
	01	09	07	24.2&	32.050	N	114.933	W	6 G				2	W. ARIZ. - MEXICO BORDER REGION. <PAS-P>. ML 2.6 (PAS).
	01	09	20	51.1*	32.295	N	92.876	E	10 G	4.4		0.9	13	TIBET
	01	09	49	29.3*	34.413	N	33.274	E	10 G			0.2	5	CYPRUS. ML 3.0 (CSS).
	01	10	12	47.4&	61.408	N	146.553	W	15	2.8			40	SOUTHERN ALASKA. <AGS-P>.
	01	10	33	06.7*	13.509	N	89.851	W	86 *	3.8		0.7	15	EL SALVADOR. Felt (II) at San Salvador.
	01	10	39	51.9*	25.196	N	143.933	E	33 N	4.4		1.0	12	VOLCANO ISLANDS REGION
	01	10	39	54.6&	37.485	N	118.810	W	15				14	CALIFORNIA-NEVADA BORDER REGION. <BRK>. ML 3.0 (BRK).
	01	10	42	10.3	40.034	N	28.801	E	10 G			1.2	14	TURKEY. MD 3.0 (ISK).
	01	11	23	32.0*	35.328	N	133.264	E	10 G	4.0		1.1	5	SOUTHERN HONSHU, JAPAN
	01	15	34	25.5	43.830	N	16.594	E	9			1.1	31	YUGOSLAVIA. ML 3.2 (ZAG), 3.0 (TTG). MD 3.5 (TRI), 2.6 (LJU). Felt at Sinj.
	01	15	46	59.9?	37.06	N	32.01	E	10 G			1.5	5	TURKEY. MD 3.5 (ISK).
	01	16	56	38.5*	24.766	N	99.427	E	33 N			1.5	8	YUNNAN PROVINCE, CHINA
	01	17	26	41.5*	31.644	S	72.468	W	10 G			0.9	14	OFF COAST OF CENTRAL CHILE
	01	17	31	41.4?	46.17	N	27.19	E	10 G			0.5	5	ROMANIA
	01	17	33	55.3?	37.40	N	70.52	E	33 N			0.4	7	AFGHANISTAN-USSR BORDER REGION
	01	17	34	09.3%	46.060	N	27.197	E	10 G			0.3	5	ROMANIA
a	01	18	09	28.8	40.854	N	73.553	E	29 D	5.0	4.6	0.9	165	KIRGHIZ SSR. Approximately 3,000 people homeless, 1,100 houses and 10 schools damaged (VI) in the Uzgen area. One hundred kilometers of roads were impaired in the epicentral area. Felt (V) at Dzhalal-Abad; (IV) at Osh and Namangan; (III) at Fergana, Andizhan and Alma-Ata; (II) at Tashkent. Also felt at Frunze.
	01	18	11	10.2%	45.737	N	27.057	E	10 G			1.4	5	ROMANIA
	01	18	25	41.5	7.616	N	126.590	E	77 *	5.2		1.0	75	MINDANAO, PHILIPPINE ISLANDS
	01	18	33	38.7	44.177	N	8.376	E	10 G			0.9	26	NORTHERN ITALY. ML 2.9 (LDG), 2.8 (GEN). MD 2.3 (STR).
	01	19	00	48.5?	6.03	S	146.79	E	220 ?	4.9		0.8	6	EAST PAPUA NEW GUINEA REGION
	01	19	10	01.5	38.399	N	21.742	E	10 G			1.5	13	GREECE. ML 3.0 (ATH), 3.0 (THE).
	01	19	17	31.3?	39.84	N	28.86	E	10 G			0.9	4	TURKEY
	01	19	18	47.9%	39.890	N	28.795	E	10 G			1.1	9	TURKEY. MD 2.4 (ISK).
	01	19	19	00.3%	37.091	N	5.613	W	10 G			1.1	7	SPAIN. mbLg 1.9 (MDD).
	01	19	56	23.9?	17.32	S	178.14	W	570 G	4.5		0.8	14	FIJI ISLANDS REGION

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	01	22	35	14.2*	26.682	S	131.551	E	10	G		1.4	8	SOUTH AUSTRALIA. ML 3.9 (QIS).
	01	23	46	56.9*	18.472	S	173.688	W	33	N	4.8	1 5	21	TONGA ISLANDS
	02	00	38	45.8	38.177	N	27.084	E	10	G		1.1	10	TURKEY. MD 3.8 (ISK), 3.1 (ATH).
	02	00	49	39.0*	19.393	N	64.402	W	10	G	3.7	0.4	7	VIRGIN ISLANDS
	02	00	58	37.7	38.167	N	27.037	E	10	G		1.4	8	TURKEY. MD 3.1 (ISK).
	02	01	18	21.8&	62.643	N	149.070	W	58				38	CENTRAL ALASKA. <AGS-P>.
	02	01	35	47.5*	36.613	N	71.685	E	33	N	4.1	1.5	15	AFGHANISTAN-USSR BORDER REGION
	02	04	16	18.8%	45.579	N	27.095	E	10	G		1.1	7	ROMANIA
	02	05	28	30.1*	43.153	N	127.079	W	10	G	3.5	0.4	37	OFF COAST OF OREGON
	02	05	47	03.9?	55.17	N	156.91	W	33	N	4.4	1.3	9	SOUTH OF ALASKA
	02	06	11	10.5?	36.67	N	29.15	E	10	G		0.4	4	TURKEY. MD 3.2 (ISK).
	02	07	01	45.9&	62.379	N	151.141	W	89				32	CENTRAL ALASKA. <AGS-P>.
	02	07	08	36.2*	8.171	S	108.502	E	102	?	4.7	1.4	13	JAVA
	02	07	37	44.0%	40.755	N	29.120	E	10	G		0.2	5	TURKEY. MD 2.0 (ISK).
o	02	08	05	54.4	40.198	N	143.466	E	41		5.0 5.2	0.9	74	OFF EAST COAST OF HONSHU, JAPAN
	02	08	29	39.7?	39.11	N	27.57	E	10	G		0.4	5	TURKEY. MD 2.2 (ISK).
o	02	08	44	02.0	26.722	S	114.127	W	10	G	5.3 5.5	1.4	79	EASTER ISLAND REGION. Ms 5.4 (PAS).
	02	08	44	18.7*	52.900	N	170.845	E	33	N	4.3	1.0	17	NEAR ISLANDS, ALEUTIAN ISLANDS
	02	09	28	42.5%	39.204	N	27.408	E	10	G		1.5	6	TURKEY. MD 2.4 (ISK).
	02	12	49	41.8%	39.031	N	29.566	E	10	G		0.9	6	TURKEY. MD 2.6 (ISK).
	02	13	48	37.3?	39.16	N	27.48	E	10	G		0.6	4	TURKEY. MD 2.4 (ISK).
	02	14	01	36.7	35.368	N	29.634	E	10	G		1.2	13	EASTERN MEDITERRANEAN SEA
o	02	14	37	26.9	21.823	S	68.333	W	121	D	5.3	1.3	137	CHILE-BOLIVIA BORDER REGION
	02	15	46	01.6%	44.220	N	8.221	E	10	G		0.3	9	NORTHERN ITALY. ML 2.2 (GEN).
	02	16	00	50.0&	32.550	N	117.317	W	6	G			2	CALIFORNIA-MEXICO BORDER REGION. <PAS-P>. ML 2.6 (PAS).
	02	16	10	08.2%	44.637	N	6.826	E	10	G		0.3	6	FRANCE. ML 1.8 (GEN).
	02	16	32	31.5?	33.52	S	71.99	W	10	G		1.0	9	NEAR COAST OF CENTRAL CHILE
	02	18	11	50.3&	61.767	N	149.807	W	42				32	SOUTHERN ALASKA. <AGS-P>.
	02	18	16	45.8?	28.57	S	71.96	W	33	N		0.9	15	NEAR COAST OF CENTRAL CHILE
	02	18	35	17.1&	60.633	N	151.773	W	75				32	KENAI PENINSULA, ALASKA. <AGS-P>.
	02	19	35	12.1&	60.879	N	152.373	W	116				39	SOUTHERN ALASKA. <AGS-P>.
	02	19	53	05.0	42.644	N	5.424	E	10	G		0.8	21	WESTERN MEDITERRANEAN SEA. ML 2.7 (LDG). MD 2.5 (STR).
	02	22	20	02.5?	8.28	N	38.51	W	10	G	4.0	0.5	7	CENTRAL MID-ATLANTIC RIDGE
o	03	00	38	38.1	6.769	N	72.974	W	159	D	4.9	0.9	186	NORTHERN COLOMBIA. MD 5.5 (UPA). Felt at Medellin, Villavicencio, Cali and Cucuta.
	03	02	12	18.0*	37.041	N	71.357	E	33	N	4.2	1.5	13	AFGHANISTAN-USSR BORDER REGION
	03	02	20	48.7&	36.087	N	120.112	W	5	G			10	CENTRAL CALIFORNIA. <BRK>. ML 2.5 (BRK).
	03	03	29	49.7*	30.425	S	72.449	W	33	N		1.1	16	OFF COAST OF CENTRAL CHILE
	03	03	41	41.0?	33.62	S	70.51	W	86	?		0.6	8	CHILE-ARGENTINA BORDER REGION
	03	05	09	18.6*	5.803	S	153.726	E	33	N	4.4	1.0	5	NEW IRELAND REGION
	03	05	23	00.8*	32.297	S	71.703	W	10	G		0.5	10	NEAR COAST OF CENTRAL CHILE
	03	05	47	19.9*	40.740	N	73.710	E	33	N	5.0	1.2	16	KIRGHIZ SSR. Additional damage (V) to the event of 12-01-90. Felt (V) at Uzgen and (IV) at Frunze and Kak-Yangak.
o	03	05	48	17.9	22.727	S	166.700	E	12	D	5.7 5.4	1.1	155	NEW CALEDONIA. Mo=8.0*10**17 Nm (PPT). Felt (V) at Noumea.
	03	05	51	17.3	43.903	N	16.548	E	10	G	4.4	1.2	95	YUGOSLAVIA. ML 4.0 (TTG), 3.9 (VKA), 3.6 (LJU). MD 4.1 (FIR). Additional damage in the Sinj area. Also felt in central Dalmatia.
	03	06	10	40.4*	24.206	N	125.030	E	33	N	4.9	1.1	31	SOUTHWESTERN RYUKYU ISLANDS
	03	06	48	10.9&	32.467	N	115.417	W	6	G			5	CALIFORNIA-MEXICO BORDER REGION. <PAS-P>. ML 2.5 (PAS), 2.7 (ECX).
	03	07	40	36.3	20.211	S	173.488	W	10	G	5.2	1.0	50	TONGA ISLANDS
	03	07	44	49.9&	61.380	N	147.711	W	29				43	SOUTHERN ALASKA. <AGS-P>.
	03	08	23	11.4*	5.373	S	153.682	E	50	?	4.8	0.7	6	NEW IRELAND REGION
	03	08	27	10.2%	39.158	N	2.759	W	10	G		1.0	5	SPAIN. mbLg 2.8 (MDD).
	03	10	16	37.9?	30.31	S	72.74	W	10	G		1.0	11	OFF COAST OF CENTRAL CHILE
	03	10	24	57.3?	39.09	N	27.63	E	10	G		0.3	4	TURKEY. MD 2.3 (ISK).
	03	12	27	53.8%	44.226	N	8.220	E	10	G		0.2	9	NORTHERN ITALY. ML 2.2 (GEN).
	03	13	18	37.7	31.511	S	139.160	E	10	G		0.8	9	SOUTH AUSTRALIA. ML 3.8 (CMS), 3.7 (BFD).
	03	13	22	12.4*	44.076	N	16.046	E	10	G		1.5	11	YUGOSLAVIA. ML 2.8 (LJU).
	03	14	40	39.5&	61.657	N	150.413	W	43				48	SOUTHERN ALASKA. <AGS-P>.
	03	14	48	28.8%	44.488	N	7.504	E	10	G		0.3	8	NORTHERN ITALY. ML 2.3 (GEN).
	03	14	49	52.6?	15.04	N	60.50	W	33	N		0.2	7	LEEWARD ISLANDS. ML 2.8 (FDF).
	03	14	52	01.8?	44.38	N	7.39	E	10	G		0.1	4	NORTHERN ITALY. ML 1.9 (GEN).
	03	14	53	20.6?	44.38	N	7.39	E	10	G		0.2	4	NORTHERN ITALY. ML 1.5 (GEN).
	03	15	31	00.2	24.225	S	66.961	W	169		4.3	0.8	18	SALTA PROVINCE, ARGENTINA
	03	16	10	53.4	39.006	N	115.328	W	5	G		0.5	13	NEVADA. ML 3.6 (NEIS).
	03	17	41	21.6	43.853	N	16.598	E	10	G	4.2	1.3	89	YUGOSLAVIA. ML 4.2 (ZAG), 3.9 (KBA), 3.7 (VKA). MD 4.1 (TRI), 4.1 (FIR), 3.9 (TTG).
	03	18	12	03.1	43.519	N	12.445	E	10	G		1.2	11	CENTRAL ITALY
	03	18	19	22.6?	45.89	N	154.03	E	33	N	4.6	0.5	10	KURIL ISLANDS REGION
	03	18	41	21.5?	58.45	N	150.18	W	33	N	4.4	0.6	4	GULF OF ALASKA
	03	19	26	38.6&	56.843	N	152.992	W	47		3.0		45	KODIAK ISLAND REGION. <AGS-P>.
	03	20	02	51.0%	46.531	N	2.914	E	14			0.9	13	FRANCE. ML 2.8 (LDG).
	03	20	29	35.4	43.820	N	16.687	E	5	G		1.0	22	YUGOSLAVIA. ML 3.5 (TTG). MD 3.3 (TRI).
	03	21	39	38.7	36.676	N	19.192	E	10	G		0.9	15	MEDITERRANEAN SEA. MD 3.6 (ATH).
	03	22	39	05.0&	39.134	N	110.856	W	12				3	UTAH. <SLC-P>. CL 2.9 (SLC).
	03	23	31	11.9*	37.359	N	20.436	E	10	G		1.2	10	IONIAN SEA. ML 3.5 (ATH).
	03	23	37	58.5%	45.539	N	26.335	E	152	?		0.5	7	ROMANIA
	04	00	16	58.6?	34.83	S	72.58	W	32			0.5	14	NEAR COAST OF CENTRAL CHILE
	04	00	29	14.9&	63.229	N	151.448	W	14				18	CENTRAL ALASKA. <AGS-P>.
	04	00	48	50.5&	63.324	N	151.741	W	25				21	CENTRAL ALASKA. <AGS-P>.
	04	01	19	30.0	40.286	N	29.195	E	10	G		0.8	12	TURKEY. MD 3.1 (ISK).
	04	01	47	20.1	1.076	S	119.797	E	33	N	4.8 4.2	1.0	25	SULAWESI
	04	03	28	43.6*	27.551	N	33.964	E	10	G		1.5	7	ARAB REPUBLIC OF EGYPT
	04	04	26	57.7&	40.457	N	127.308	W	5				21	OFF COAST OF NORTHERN CALIFORNIA. <BRK>. ML 3.8 (BRK).
	04	04	49	53.7*	23.132	S	66.656	W	33	N		1.3	7	JUJUY PROVINCE, ARGENTINA
	04	05	15	20.0&	62.472	N	148.632	W	8				34	CENTRAL ALASKA. <AGS-P>.
	04	05	30	20.8*	19.320	N	64.416	W	33	N	3.8	0.2	7	VIRGIN ISLANDS
	04	05	31	46.2&	62.517	N	151.114	W	85				39	CENTRAL ALASKA. <AGS-P>.
	04	05	41	01.1&	60.017	N	152.896	W	113				52	SOUTHERN ALASKA. <AGS-P>.
	04	05	56	26.3&	59.227	N	152.506	W	70				28	SOUTHERN ALASKA. <AGS-P>.

	04	07	38	58.3?	35.15	S	176.48	W	33	N	4.8		1.0	9	EAST OF NORTH ISLAND, N.Z.
	04	08	02	36.9	10.915	N	84.849	W	159	D	4.8		1 2	116	COSTA RICA. Felt (III) at Puntarenas and (II) at San Jose.
a	04	09	12	51.8	43.729	N	28.864	W	16	D	5.2	5.1	0.9	183	NORTH ATLANTIC RIDGE. Ms 5.7 (BRK).
a	04	09	17	41.2	0.141	S	125.097	E	64	D	5.3		1.1	77	MOLUCCA SEA
	04	09	46	10.5&	37.447	N	117.942	W	8					10	CALIFORNIA-NEVADA BORDER REGION. <BRK>. ML 2.9 (BRK).
	04	12	31	01.5&	64.209	N	148.586	W	9		3.3			44	CENTRAL ALASKA. <AGS-P>. ML 3.6 (PMR).
	04	12	34	14.8	36.653	N	71.141	E	202	*	4.6		0.9	22	AFGHANISTAN-USSR BORDER REGION
	04	13	06	07.2?	16.01	N	60.89	W	33	N			0.5	5	LEEWARD ISLANDS. ML 2.6 (FDF).
	04	14	17	01.4&	63.886	N	148.336	W	98					41	CENTRAL ALASKA. <AGS-P>.
	04	15	32	50.6	32.692	S	70.629	W	74	*			0.6	11	CHILE-ARGENTINA BORDER REGION
	04	16	14	52.2%	44.157	N	8.194	E	10	G			0.2	7	NORTHERN ITALY. ML 2.2 (GEN).
	04	17	51	04.0*	31.188	N	33.473	E	10	G			1.1	10	ARAB REPUBLIC OF EGYPT
	04	18	43	53.7%	38.203	N	23.349	E	10	G			0.4	5	GREECE. ML 2.2 (ATH).
	04	21	53	06.0*	35.970	N	30.511	E	10	G			0.2	5	EASTERN MEDITERRANEAN SEA
	04	23	39	17.2	37.634	N	29.758	E	10	G			0.8	7	TURKEY. MD 3.0 (ISK).
	04	23	46	19.8	35.534	N	11.535	E	7		3.7		1.0	32	TUNISIA. ML 4.4 (ROM).
	05	00	44	03.8&	37.610	N	118.955	W	3					9	CALIFORNIA-NEVADA BORDER REGION. <BRK>. ML 2.5 (BRK).
	05	03	36	44.3&	34.448	N	106.861	W	8					12	NEW MEXICO. <SNM>. MD 2.6 (SNM).
	05	05	10	02.9%	46.291	N	2.783	E	10	G			0.6	9	FRANCE. ML 1.8 (LDG).
	05	05	21	04.8&	63.316	N	151.609	W	28					37	CENTRAL ALASKA. <AGS-P>.
	05	06	39	47.4	44.577	N	6.986	E	10	G			0.4	17	FRANCE. ML 2.4 (GEN), 2.2 (LDG).
	05	07	08	13.1&	36.632	N	121.298	W	6					16	CENTRAL CALIFORNIA. <BRK>. ML 2.5 (BRK).
	05	08	44	56.3	43.424	N	5.451	E	10	G			0.4	8	NEAR SOUTH COAST OF FRANCE. MD 2.5 (STR).
	05	09	24	03.4&	60.256	N	151.027	W	63					36	KENAI PENINSULA, ALASKA. <AGS-P>.
	05	09	39	17.3	43.140	N	26.050	E	10	G			1.0	19	BULGARIA. Felt (IV) in the Strazhitza area.
	05	10	07	14.5%	62.890	N	8.086	E	10	G			0.5	9	SOUTHERN NORWAY. MD 2.4 (BER).
	05	10	32	04.8%	39.159	N	27.611	E	10	G			0.2	5	TURKEY. MD 2.4 (ISK).
	05	10	39	58.8%	40.497	N	28.824	E	10	G			0.4	6	TURKEY. MD 2.3 (ISK).
	05	10	57	40.3*	46.719	N	112.883	W	5	G			0.4	8	MONTANA. ML 3.1 (BUT). ML 2.9 event 6.7 seconds later (BUT).
	05	11	36	35.8%	59.821	N	9.010	E	10	G			0.7	9	SOUTHERN NORWAY. MD 2.0 (BER).
	05	11	43	01.4&	42.467	N	111.057	W	6					2	EASTERN IDAHO. <SLC-P>. ML 2.8 (SLC).
	05	11	51	47.2&	59.497	N	153.733	W	106					36	SOUTHERN ALASKA. <AGS-P>.
	05	12	14	38.2%	45.307	N	25.017	E	10	G			1.2	6	ROMANIA
	05	12	35	18.0	52.548	N	167.904	W	33	N	4.7		1.0	65	FOX ISLANDS, ALEUTIAN ISLANDS
	05	13	18	06.9	46.711	N	112.791	W	5	G	3.0		0.5	52	MONTANA. ML 3.5 (NEIS). CL 3.6 (BUT). Felt (III) at Deer Lodge. Also felt at Elliston, Helena and Marysville. Small foreshock 2.5 seconds earlier (BUT).
	05	13	18	32.0?	30.39	S	68.45	W	23	*			1.4	12	SAN JUAN PROVINCE, ARGENTINA
	05	15	02	24.3*	43.782	N	6.898	E	10	G			1.2	8	NEAR SOUTH COAST OF FRANCE
	05	15	13	50.4&	61.198	N	151.435	W	67					58	SOUTHERN ALASKA. <AGS-P>.
a	05	16	08	51.4	5.264	S	131.370	E	75	G	5.9		1.1	171	BANDA SEA. Mo=2.0*10**18 Nm (PPT). Two events about 5.8 seconds apart. Depth from broadband displacement seismograms based on first event.
	05	16	50	20.9?	1.88	S	79.47	W	10	G	3.6		0.7	7	ECUADOR
	05	17	46	49.0*	37.477	N	28.049	E	33	N			1.1	7	TURKEY. MD 3.2 (ISK).
	05	18	23	20.7*	22.866	S	67.936	W	100	?	3.8		1.3	8	CHILE-BOLIVIA BORDER REGION
	05	18	25	27.9	37.850	N	20.999	E	10	G	4.0		1.2	27	IONIAN SEA. ML 3.8 (ATH). MD 3.8 (THE).
	05	18	36	26.9*	27.556	N	56.591	E	59	*	4.4		1.3	16	SOUTHERN IRAN
	05	18	38	33.4	14.229	S	73.640	W	92	*	4.6		0.7	20	PERU
	05	21	38	40.5*	31.493	S	68.536	W	33	N			0.4	5	SAN JUAN PROVINCE, ARGENTINA
	05	21	45	43.5&	33.183	N	115.633	W	6	G				3	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS).
	05	22	41	47.0%	44.469	N	7.311	E	10	G			0.2	6	NORTHERN ITALY. ML 2.0 (ATH).
	05	22	52	47.2	44.672	N	146.843	E	27		5.2	4.2	1.1	128	KURIL ISLANDS. Felt (III) at Kurilsk.
	05	23	36	15.6*	14.153	N	91.851	W	33	N	4.8	4.1	0.8	33	GUATEMALA
	05	23	42	36.4	38.873	N	22.204	E	10	G			1.0	14	GREECE. MD 3.2 (ATH), 3.1 (THE).
	06	00	32	59.9&	62.784	N	148.997	W	63					50	CENTRAL ALASKA. <AGS-P>.
	06	01	16	55.1*	16.690	S	66.764	E	10	G	5.0		0.9	9	MID-INDIAN RISE
	06	02	44	24.8&	60.098	N	153.625	W	157					47	SOUTHERN ALASKA. <AGS-P>.
	06	03	44	06.3&	61.740	N	152.063	W	6					38	SOUTHERN ALASKA. <AGS-P>.
	06	04	18	19.2?	27.74	N	128.21	E	33	N	4.3		1.5	9	RYUKYU ISLANDS
	06	04	26	17.4&	60.256	N	152.172	W	95					39	SOUTHERN ALASKA. <AGS-P>.
	06	04	42	17.8*	20.391	S	68.065	W	33	N			1.2	8	CHILE-BOLIVIA BORDER REGION
	06	06	50	47.4&	63.146	N	149.819	W	97					50	CENTRAL ALASKA. <AGS-P>.
	06	07	45	55.2?	47.71	N	152.44	E	50	G	4.2		1.1	10	KURIL ISLANDS
	06	08	04	32.1%	39.247	N	29.123	E	5	G			1.3	11	TURKEY. MD 3.0 (ISK).
	06	10	32	27.9?	15.22	N	61.08	W	120	G			0.3	5	LEEWARD ISLANDS
	06	11	29	00.0*	60.601	S	22.411	W	33	N	5.0		1.3	16	SOUTH SANDWICH ISLANDS REGION
	06	13	36	27.4&	63.292	N	151.600	W	36					32	CENTRAL ALASKA. <AGS-P>.
	06	16	02	20.5	26.397	S	27.343	E	5	G	4.5		1.4	14	REPUBLIC OF SOUTH AFRICA. ML 3.7 (PRE). mbLg 3.6 (BUL).
	06	16	05	55.5&	61.606	N	150.576	W	46					38	SOUTHERN ALASKA. <AGS-P>.
	06	16	14	08.8*	19.491	S	70.903	W	39	*	5.0		1.3	11	NEAR COAST OF NORTHERN CHILE
	06	16	43	49.5%	46.282	N	2.170	E	10	G			0.9	12	FRANCE. ML 2.4 (LDG).
	06	17	01	00.3	18.902	N	81.306	W	29	*	4.0	4.4	1.0	22	CARIBBEAN SEA. Felt (III) in the Georgetown area, Grand Coymon.
	06	17	08	40.2&	62.334	N	151.399	W	91					45	CENTRAL ALASKA. <AGS-P>.
	06	17	46	03.8	36.653	N	19.218	E	60	?	3.8		1.2	39	MEDITERRANEAN SEA. MD 3.8 (ATH), 3.4 (THE).
	06	18	05	24.8%	45.743	N	3.579	E	10	G			0.1	5	FRANCE. ML 1.8 (LDG).
	06	18	40	33.9*	13.758	N	125.865	E	33	N	4.3		1.2	11	PHILIPPINE ISLANDS REGION
	06	19	22	45.2&	58.498	N	154.245	W	0		3.6			53	ALASKA PENINSULA. <AGS-P>.
	06	22	39	31.0?	33.04	S	177.72	W	33	N	4.9		1.2	9	SOUTH OF KERMADEC ISLANDS
	06	22	57	13.5	45.945	N	6.799	E	5	G			0.9	14	FRANCE. ML 2.5 (LDG).
	06	23	01	57.4*	41.168	N	23.568	E	10	G			0.1	5	GREECE-BULGARIA BORDER REGION. MD 2.6 (THE).
	06	23	29	21.3%	40.272	N	27.561	E	10	G			1.4	6	TURKEY. MD 2.3 (ISK).
	06	23	32	34.8	6.897	S	155.167	E	88	*	4.8		0.6	16	SOLOMON ISLANDS
	07	00	16	56.2?	15.52	S	70.23	W	242	?	3.5		0.8	6	SOUTHERN PERU
	07	01	51	10.7*	29.256	N	130.492	E	50	*	4.3		0.8	20	RYUKYU ISLANDS
	07	02	07	49.4?	15.57	N	60.70	W	33	N			1.0	8	LEEWARD ISLANDS
	07	02	24	30.8	27.804	S	66.543	W	162		4.9		1.3	47	CATAMARCA PROVINCE, ARGENTINA
	07	03	52	26.7?	32.09	S	179.16	E	354	?	3.6		0.4	13	SOUTH OF KERMADEC ISLANDS
	07	04	11	12.3*	1.556	N	90.849	W	10	G	4.8	4.3	1.3	38	GALAPAGOS ISLANDS REGION
	07	05	07	13.5*	39.648	N	19.852	E	5	G			1.2	12	GREECE-ALBANIA BORDER REGION. MD 3.5 (ATH).

	07	06	01	20.5&	63.261	N	149.921	W	98				29	CENTRAL ALASKA. <AGS-P>.
	07	06	57	24.7	43.415	N	5.430	E	10	G		0.6	15	NEAR SOUTH COAST OF FRANCE. MD 2.8 (STR).
	07	07	45	13.6&	49.719	N	123.581	W	5	G			62	VANCOUVER ISLAND REGION. <PGC>. ML 2.9 (PGC). Felt at Sechelt, Squamish, Vancouver and along the coast of the Strait of Georgia.
a	07	08	25	03.0	16.993	S	177.268	W	414	D	5.6	0.9	320	FIJI ISLANDS REGION
	07	08	55	10.6	61.621	N	150.451	W	66	D	5.0	0.9	180	SOUTHERN ALASKA. Felt (V) at Skwentna and Willow; (IV) at Anchorage and Palmer; (III) at Chugiak. Also felt at Eagle River and Wasilla.
	07	09	29	37.3*	50.540	N	14.756	E	10	G		1.5	6	CZECHOSLOVAKIA
a	07	09	38	16.4	37.220	N	138.489	E	10	G	5.4 5.1	1.0	179	NEAR WEST COAST OF HONSHU, JAPAN. Felt (IV JMA) in southern Niigata Prefecture.
	07	09	40	43.6	37.310	N	138.467	E	15		5.1	0.8	64	NEAR WEST COAST OF HONSHU, JAPAN. Felt (IV JMA) in southern Niigata Prefecture.
	07	09	43	18.3	37.260	N	138.520	E	10	G	4.2	0.9	11	NEAR WEST COAST OF HONSHU, JAPAN
	07	09	59	47.7%	32.178	N	35.456	E	10	G		0.9	11	DEAD SEA REGION
	07	10	08	08.3%	62.888	N	8.092	E	10	G		0.7	5	SOUTHERN NORWAY. MD 2.1 (BER).
	07	10	41	26.0	37.274	N	138.542	E	10	G	4.6 4.1	1.3	41	NEAR WEST COAST OF HONSHU, JAPAN
	07	11	21	07.2	37.282	N	138.497	E	10	G	4.1	1.1	17	NEAR WEST COAST OF HONSHU, JAPAN
	07	11	23	00.2	37.184	N	138.587	E	10	G	4.2	0.6	11	NEAR WEST COAST OF HONSHU, JAPAN
	07	11	43	29.8	37.243	N	138.489	E	10	G	4.1	0.7	9	NEAR WEST COAST OF HONSHU, JAPAN
	07	12	17	40.6	7.022	S	108.768	E	221		4.9	1.2	121	JAVA
	07	12	34	48.2	37.169	N	138.630	E	33	N	4.4	1.1	32	NEAR WEST COAST OF HONSHU, JAPAN
	07	13	30	11.0	37.267	N	138.515	E	10	G	4.9 4.4	1.2	58	NEAR WEST COAST OF HONSHU, JAPAN
	07	15	06	29.4?	52.75	N	172.90	E	33	N	4.0	1.2	7	NEAR ISLANDS, ALEUTIAN ISLANDS
	07	15	07	13.0%	40.327	N	29.478	E	10	G		0.8	5	TURKEY. MD 2.1 (ISK).
	07	17	05	08.6*	43.746	N	16.540	E	10	G		1.5	9	YUGOSLAVIA. ML 2.8 (ZAG).
	07	17	21	00.1&	61.583	N	150.444	W	57				34	SOUTHERN ALASKA. <AGS-P>.
	07	17	28	32.1?	23.73	S	179.59	E	550	G	4.4	1.1	14	SOUTH OF FIJI ISLANDS
	07	19	13	56.3&	40.775	N	125.667	W	5				5	OFF COAST OF NORTHERN CALIFORNIA. <BRK>. ML 2.6 (BRK).
	07	19	21	24.0	51.689	N	16.300	E	10	G		0.5	17	POLAND
	07	19	35	43.7	36.233	N	139.949	E	77		4.3	0.9	19	HONSHU, JAPAN
	07	20	28	04.8*	38.959	N	115.802	W	10	G		0.5	5	NEVADA. ML 3.0 (NEIS).
	07	20	28	05.7*	31.283	S	69.276	W	33	N		0.5	6	SAN JUAN PROVINCE, ARGENTINA
	07	20	31	03.2	6.787	S	132.260	E	33	N	5.2	1.1	33	TANIMBAR ISLANDS REGION
	07	21	51	58.8&	40.670	N	125.333	W	9		4.0		87	OFF COAST OF NORTHERN CALIFORNIA. <BRK>. ML 4.3 (BRK). Felt (V) at Eureka and (III) Rio Dell. Also felt at Petrolia and Scotia.
	07	22	16	17.0?	52.44	N	177.83	W	33	N	3.6	0.6	4	ANDREANOF ISLANDS, ALEUTIAN IS. Felt (III) on Adak.
	07	22	51	28.7	43.171	N	26.124	E	10	G		0.8	13	BULGARIA
a	07	23	08	13.3	21.041	S	178.861	W	570	*	5.3	1.0	145	FIJI ISLANDS REGION
	08	00	35	33.5*	6.276	S	155.162	E	149	*	4.6	1.5	9	SOLOMON ISLANDS
o	08	00	38	13.1	6.670	S	147.415	E	79		5.4	0.9	57	EAST PAPUA NEW GUINEA REGION
	08	00	47	44.5	39.761	N	21.661	E	10	G		0.8	13	GREECE. MD 3.2 (ATH), 2.9 (THE).
	08	02	21	28.4*	39.011	N	115.321	W	10	G		0.6	6	NEVADA. ML 3.3 (NEIS).
	08	02	32	17.1&	61.482	N	150.030	W	40				34	SOUTHERN ALASKA. <AGS-P>.
	08	03	34	11.7	38.163	N	23.193	E	8			1.0	22	GREECE. ML 3.3 (ATH). MD 3.3 (THE).
	08	03	48	34.8?	2.16	N	30.74	W	10	G	4.7	1.0	7	CENTRAL MID-ATLANTIC RIDGE
	08	03	53	17.0*	11.882	S	166.640	E	174	*	5.0	1.2	23	SANTA CRUZ ISLANDS
	08	04	12	47.3*	37.001	N	27.475	E	10	G		0.8	8	TURKEY. MD 3.5 (ATH), 3.8 (ISK).
	08	04	31	54.3*	51.659	N	16.381	E	10	G		0.6	10	POLAND
	08	04	38	42.2%	45.363	N	24.287	E	10	G		1.1	6	ROMANIA
	08	04	45	25.4*	23.573	S	179.333	E	543	?	5.1	1.1	26	SOUTH OF FIJI ISLANDS
	08	05	07	01.9*	22.968	S	63.742	W	544	*	4.5	1.1	18	SALTA PROVINCE, ARGENTINA
	08	05	23	36.5?	45.17	N	6.49	E	10	G		0.2	5	FRANCE. ML 2.0 (GEN).
o	08	06	03	13.4	57.877	S	25.152	W	33	N	5.4 4.8	1.0	99	SOUTH SANDWICH ISLANDS REGION
	08	06	27	38.5	18.230	S	177.962	W	601		5.1	1.1	83	FIJI ISLANDS REGION
	08	07	08	59.4&	60.329	N	152.053	W	75				47	SOUTHERN ALASKA. <AGS-P>.
	08	09	31	24.0*	34.396	N	38.128	E	10	G		0.5	14	JORDAN - SYRIA REGION. ML 3.9 (BHL).
	08	09	37	09.5*	10.126	N	62.603	W	10	G	3.6	1.4	11	NEAR COAST OF VENEZUELA. MD 3.5 (TRN).
	08	09	38	51.0	37.270	N	138.520	E	10	G	4.3	1.4	17	NEAR WEST COAST OF HONSHU, JAPAN
	08	09	47	05.6	47.203	N	6.729	E	10	G		1.1	11	FRANCE
	08	10	16	23.1	40.084	N	16.142	E	10	G		0.9	11	SOUTHERN ITALY
	08	10	39	16.3*	1.991	S	81.020	W	10	G	3.6	1.2	7	OFF COAST OF ECUADOR
	08	10	41	17.4%	40.061	N	16.140	E	10	G		0.6	5	SOUTHERN ITALY
	08	10	55	16.4	40.071	N	16.171	E	10	G		0.8	9	SOUTHERN ITALY
	08	12	45	48.8	37.604	N	70.422	E	33	N	4.6	1.1	20	AFGHANISTAN-USSR BORDER REGION. Felt (IV) at Kulyab, Moskovskiy and Obigorm; (III) at Gorm and Dushanbe; (II) at Dzhirgatol, USSR.
	08	13	34	13.4	17.975	S	178.563	W	591	*	4.5	1.0	53	FIJI ISLANDS REGION
	08	14	23	28.0	29.174	N	130.141	E	54	*	4.8 4.0	1.2	32	RYUKYU ISLANDS
	08	14	25	50.8%	40.024	N	29.466	E	10	G		0.2	5	TURKEY. MD 2.3 (ISK).
	08	14	38	34.2*	44.506	N	148.337	E	33	N	5.0	1.2	38	KURIL ISLANDS
	08	14	47	48.0?	39.99	N	27.60	E	10	G		0.2	4	TURKEY. MD 2.0 (ISK).
	08	15	01	31.4*	2.935	S	138.482	E	33	N	4.8 4.2	1.2	17	WEST IRIAN
	08	15	47	56.8?	3.17	S	126.51	E	33	N	4.8	0.3	8	BURU
	08	16	10	22.0&	59.522	N	153.445	W	112				40	SOUTHERN ALASKA. <AGS-P>.
	08	16	27	13.6&	61.354	N	151.111	W	58				49	SOUTHERN ALASKA. <AGS-P>.
	08	17	42	35.1*	44.112	N	15.869	E	10	G		0.9	13	YUGOSLAVIA. MD 3.0 (TRI). ML 2.6 (LJU).
	08	17	53	54.7*	3.278	S	134.528	E	33	N	5.0 4.9	1.2	22	WEST IRIAN REGION
	08	18	35	25.8*	41.717	N	13.213	E	33	N		1.4	5	SOUTHERN ITALY
	08	19	13	58.9*	32.243	S	71.776	W	30			0.5	10	NEAR COAST OF CENTRAL CHILE
	08	20	23	24.7	39.250	N	28.162	E	10	G		0.7	11	TURKEY. MD 3.2 (ISK).
	08	20	25	24.7*	43.083	N	10.954	E	10	G		0.7	8	CENTRAL ITALY
	08	20	56	14.0*	11.849	S	165.077	E	33	N	4.5	1.4	10	SANTA CRUZ ISLANDS
	08	21	22	46.8*	27.982	N	55.225	E	60	?	4.3	0.9	13	SOUTHERN IRAN
	08	23	38	51.9*	51.524	N	16.164	E	9			0.3	13	POLAND. ML 3.8 (GRF), 3.6 (VKA).
	08	23	59	38.2	39.029	N	115.313	W	10	G		0.8	22	NEVADA. ML 3.8 (NEIS).
	09	00	18	42.6*	0.984	N	26.699	W	10	G	4.5 3.9	0.8	14	CENTRAL MID-ATLANTIC RIDGE
	09	00	54	41.7%	41.751	N	13.218	E	10	G		0.6	7	SOUTHERN ITALY
	09	01	16	37.2	36.219	N	33.919	E	31			1.0	23	TURKEY. ML 3.8 (CSS), 3.7 (BHL).
	09	03	12	21.7*	43.053	N	143.823	E	137	?	4.4	0.5	14	HOKKAIDO, JAPAN REGION
	09	03	40	52.2	36.297	N	140.627	E	103		4.5	1.1	41	NEAR EAST COAST OF HONSHU, JAPAN

	09	05	26	49.6*	8.676	S	110.587	E	33	N	5.0	4.6	1.5	35	JAVA
	09	05	53	14.1*	49.521	N	155.699	E	33	N	4.3		0.8	19	KURIL ISLANDS
	09	06	29	21.8	3.081	S	35.267	E	33	N	4.3		0.9	13	TANZANIA. mbLg 4.9 (BUL).
	09	06	44	59.4?	33.63	S	178.96	E	87	?	4.8		1.2	7	SOUTH OF KERMADEC ISLANDS
	09	07	10	44.5%	46.006	N	2.937	E	10	G			0.5	8	FRANCE. ML 1.7 (LDG).
	09	07	12	03.6%	46.007	N	2.956	E	10	G			0.3	10	FRANCE. ML 1.9 (LDG).
	09	07	33	15.7*	8.165	S	110.811	E	33	N	4.8	4.3	1.5	18	JAVA
	09	08	52	31.6&	34.333	N	116.900	W	6	G				3	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS).
	09	10	06	56.9%	42.712	N	12.674	E	10	G			1.1	7	CENTRAL ITALY
	09	10	16	02.2%	39.090	N	27.572	E	10	G			0.4	6	TURKEY. MD 2.3 (ISK).
	09	10	23	58.2%	40.764	N	27.558	E	10	G			0.9	8	TURKEY. MD 2.5 (ISK).
	09	10	26	41.9%	39.157	N	27.646	E	10	G			0.3	7	TURKEY. MD 2.2 (ISK).
	09	11	04	35.7	39.655	N	27.576	E	10	G			0.6	23	TURKEY. MD 3.8 (ISK).
	09	11	07	34.1*	48.300	S	31.392	E	10	G	5.3	4.0	0.9	13	SOUTH OF AFRICA
	09	11	08	58.8?	58.43	S	144.77	W	10	G	4.9		1.2	6	SOUTH PACIFIC CORDILLERA
	09	11	17	37.9	0.205	N	122.151	E	177	?	4.9		0.7	26	MINAHASSA PENINSULA
	09	11	23	55.1%	39.214	N	27.981	E	10	G			0.4	7	TURKEY. MD 2.7 (ISK).
	09	13	29	25.5%	39.382	N	26.267	E	10	G			0.6	6	TURKEY. MD 3.1 (ISK).
	09	13	32	30.7	40.075	N	19.990	E	5	G			1.1	22	ALBANIA. MD 3.4 (ATH), 3.3 (THE).
	09	13	33	10.1?	31.75	S	69.34	W	33	N			1.0	5	SAN JUAN PROVINCE, ARGENTINA
a	09	15	36	26.9	54.881	N	162.109	E	26	D	5.7	5.0	0.9	386	NEAR EAST COAST OF KAMCHATKA. Felt (III) at Petropavlovsk-Kamchatskiy.
	09	15	44	50.9	43.855	N	16.506	E	5	G			1.3	17	YUGOSLAVIA. ML 3.1 (ZAG), 3.0 (TTG), 2.5 (LJU).
	09	16	25	04.2*	24.039	N	121.502	E	10	G	4.6		0.8	13	TAIWAN
	09	16	43	26.4?	36.69	N	71.05	E	190	?	3.7		0.9	10	AFGHANISTAN-USSR BORDER REGION
	09	16	47	23.2?	47.21	N	150.54	E	270	G	4.5		0.5	15	KURIL ISLANDS
	09	18	37	09.6*	39.370	N	23.132	E	10	G			1.1	12	AEGEAN SEA. MD 2.9 (THE).
	09	19	18	45.9*	38.221	N	28.983	E	10	G			1.4	6	TURKEY. MD 2.7 (ISK).
	09	21	30	31.4?	4.81	S	145.53	E	33	N	3.8	3.6	0.3	8	NEAR N COAST OF PAPUA NEW GUINEA
	09	22	10	49.5	31.831	S	69.642	W	122	*	4.4		1.1	21	SAN JUAN PROVINCE, ARGENTINA
	09	22	30	44.9*	5.761	S	146.815	E	33	N	4.4	3.5	0.8	8	EAST PAPUA NEW GUINEA REGION. ML 4.9 (PMG).
	09	23	33	02.3	29 024	N	138.205	E	524	*	4.6		0.8	21	SOUTH OF HONSHU, JAPAN
	10	00	13	54.7*	44.063	N	16.735	E	10	G			1.2	12	YUGOSLAVIA. ML 3.1 (ZAG). MD 2.8 (LJU).
	10	00	18	42.3	40.125	N	20.503	E	5	G	3.5		1.2	36	GREECE-ALBANIA BORDER REGION. MD 3.8 (ATH), 3.6 (THE). ML 3.4 (TTG).
	10	01	06	40.7?	37.52	N	29.55	E	10	G			1.3	4	TURKEY. MD 2.9 (ISK).
a	10	01	15	54.9	20.143	S	177.473	W	376	D	5.0		1.0	111	FIJI ISLANDS REGION
	10	01	23	07.0*	32.418	S	71.613	W	32	*			1.4	9	NEAR COAST OF CENTRAL CHILE
	10	01	24	41.4*	32.162	S	71.854	W	56	*			0.9	14	NEAR COAST OF CENTRAL CHILE
	10	01	27	29.9	28.074	N	57.010	E	51	*	4.7		1.1	54	SOUTHERN IRAN
	10	02	34	08.8&	35.990	N	120.160	W	15					16	CENTRAL CALIFORNIA. <BRK>. ML 3.1 (BRK), 3.3 (PAS).
	10	03	46	51.8%	44.000	N	11.508	E	10	G			0.7	6	CENTRAL ITALY
	10	04	24	15.6%	61.800	N	3.974	E	10	G			1.0	8	NORWEGIAN SEA. MD 2.3 (BER).
	10	04	30	13.3*	31.313	S	68.961	W	33	N			1.5	5	SAN JUAN PROVINCE, ARGENTINA
	10	04	45	31.7*	40.089	N	20.326	E	10	G			1.1	7	GREECE-ALBANIA BORDER REGION
	10	06	37	44.8	46.782	N	6.656	E	5	G			1.2	14	SWITZERLAND. ML 2.8 (LDG).
	10	06	54	19.6*	39.876	N	142.919	E	33	N	4.0		0.9	10	NEAR EAST COAST OF HONSHU, JAPAN
	10	07	06	15.1	41.126	N	20.497	E	95	*			0.9	33	ALBANIA. MD 3.3 (THE).
	10	07	27	22.1	42.913	N	145.480	E	38	D	5.4	4.4	0.9	187	HOKKAIDO, JAPAN REGION. Felt (III) on Shikotan.
	10	07	36	39.2*	52.807	N	174.428	E	33	N	4.1		1.3	12	NEAR ISLANDS, ALEUTIAN ISLANDS
	10	08	52	33.1?	39.11	N	27.55	E	10	G			0.3	4	TURKEY. MD 1.9 (ISK).
	10	09	03	02.5&	34.200	N	117.017	W	6	G				2	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS).
	10	09	06	14.9%	39.253	N	27.948	E	10	G			0.8	8	TURKEY. MD 2.8 (ISK).
	10	09	34	20.0%	39.594	N	27.700	E	10	G			0.7	9	TURKEY. MD 2.4 (ISK).
a	10	09	34	33.0	5.940	S	142.282	E	32		5.8	5.7	0.9	193	PAPUA NEW GUINEA. Ms 5.5 (PAS). Mo=3.0*10**18 Nm (PPT).
	10	09	42	16.1	5.869	S	142.260	E	33	N	5.5		0.9	27	PAPUA NEW GUINEA
	10	10	06	31.9%	46.468	N	2.983	E	10	G			0.4	8	FRANCE. ML 1.8 (LDG).
	10	10	55	49.1%	39.115	N	27.582	E	10	G			0.5	5	TURKEY. MD 2.3 (ISK).
	10	11	19	16.7&	61.640	N	150.489	W	42					51	SOUTHERN ALASKA. <AGS-P>.
	10	11	56	56.6*	20.840	N	92.577	E	156	?	3.8		1.5	7	BURMA
	10	12	08	33.2?	41.08	N	28.49	E	10	G			0.8	4	TURKEY. MD 2.4 (ISK).
	10	12	52	20.1?	51.21	N	15.93	E	10	G			0.7	4	POLAND
	10	13	04	47.7*	51.078	N	178.413	W	33	N	4.6		1.1	23	ANDREANOF ISLANDS, ALEUTIAN IS.
	10	13	15	23.1	41.510	N	19.721	E	10	G			0.7	9	ALBANIA. MG 2.8 (TIR).
	10	13	23	41.5	32.699	S	71.460	W	26				0.7	11	NEAR COAST OF CENTRAL CHILE
	10	13	32	03.9*	30.438	N	68.404	E	33	N	4.3		1.3	9	PAKISTAN
	10	14	54	58.0&	31.950	N	117.310	W	6	G				19	OFF W. COAST OF BAJA CALIFORNIA. <PAS-P>. ML 3.1 (PAS). MD 3.5 (ECX).
	10	15	41	26.7%	37.324	N	2.079	W	10	G			0.2	5	SPAIN. mbLg 2.6 (MDD).
o	10	16	20	15.4*	34.836	S	111.258	W	10	G	4.9		1.0	31	EASTER ISLAND CORDILLERA
	10	16	36	16.3*	35.754	N	26.895	E	10	G			1.1	6	CRETE
	10	16	46	35.5?	44.51	N	7.22	E	10	G			0.1	4	NORTHERN ITALY. ML 1.7 (GEN).
	10	17	24	07.5*	7.237	S	147.507	E	89	*	4.7		0.7	8	EAST PAPUA NEW GUINEA REGION
	10	17	28	01.3	59.682	N	136.382	W	10	G	4.0		0.9	9	SOUTHEASTERN ALASKA
	10	18	13	08.8	38.679	N	23.068	E	10	G			0.7	14	GREECE. ML 3.3 (ATH). MD 3.6 (THE).
	10	18	42	17.5%	42.054	N	12.989	E	10	G			1.0	10	CENTRAL ITALY
	10	19	07	12.8*	15.108	S	173.635	W	33	N	4.7	4.4	0.4	10	TONGA ISLANDS
	10	19	35	18.5*	45.598	N	6.860	E	10	G			0.3	7	FRANCE. ML 2.2 (GEN).
	10	21	13	24.6%	40.438	N	28.636	E	10	G			0.3	6	TURKEY. MD 2.1 (ISK).
	10	22	35	15.4	40.136	N	20.483	E	10	G			1.3	21	GREECE-ALBANIA BORDER REGION. MD 2.9 (THE).
	10	22	56	04.6*	35.371	N	140.345	E	47	*	4.4	4.5	1.3	24	NEAR EAST COAST OF HONSHU, JAPAN. Felt (III JMA) at Kotsuura and (I JMA) at Yokohama and Tateyama.
	11	00	27	29.3*	31.606	S	69.386	W	117	?			1.1	14	SAN JUAN PROVINCE, ARGENTINA
	11	01	09	12.9	40.080	N	142.627	E	59		4.4		0.9	22	NEAR EAST COAST OF HONSHU, JAPAN
a	11	01	11	03.8	22.164	S	174.306	W	38	D	5.1	5.2	1.2	53	TONGA ISLANDS REGION
	11	01	46	11.7*	40.102	N	20.510	E	10	G			1.7	8	GREECE-ALBANIA BORDER REGION
	11	01	59	53.8?	42.25	N	32.63	E	10	G			0.8	6	BLACK SEA
	11	03	04	30.3?	18.93	S	72.90	W	33	N	3.8		1.6	7	OFF COAST OF NORTHERN CHILE
	11	03	10	32.3?	33.56	S	72.75	W	33	N			0.5	7	OFF COAST OF CENTRAL CHILE
	11	04	59	24.9*	38.588	N	26.132	E	10	G			0.7	8	AEGEAN SEA. MD 3.4 (ISK).
	11	04	59	51.8&	61.072	N	146.252	W	13					58	SOUTHERN ALASKA. <AGS-P>. ML 3.4 (PMR).
	11	05	09	08.5*	5.350	N	32.639	E	10	G	5.0		1.2	19	SUDAN
	11	05	26	55.6&	61.724	N	150.498	W	50					35	SOUTHERN ALASKA. <AGS-P>.

	11	05	48	53.9?	37.50	S	70.60	W	112	?			0.9	18	ARGENTINA
	11	05	52	25.8&	40.425	N	124.218	W	24					4	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 3.0 (BRK).
	11	06	46	26.9*	12.248	N	94.331	E	79	?	4.4		1.0	9	ANDAMAN ISLANDS REGION
	11	08	42	52.6*	6.028	S	148.939	E	90	?	4.3		1.6	7	NEW BRITAIN REGION
a	11	08	57	34.4	13.161	N	89.862	W	32	*	5.0	4.6	1.1	99	EL SALVADOR
	11	09	16	31.5?	40.83	N	30.72	E	5	G			0.3	4	TURKEY. MD 2.4 (ISK).
	11	09	36	15.4?	39.04	N	27.56	E	10	G			0.1	4	TURKEY
	11	09	42	18.0%	39.174	N	27.602	E	10	G			0.8	6	TURKEY. MD 2.7 (ISK).
	11	10	21	48.3%	39.106	N	27.542	E	10	G			0.0	5	TURKEY. MD 2.7 (ISK).
	11	10	50	19.0?	16.25	N	144.70	E	33	N			1.2	6	MARIANA ISLANDS REGION
	11	11	03	04.8&	63.081	N	150.865	W	129					37	CENTRAL ALASKA. <AGS-P>.
	11	12	34	16.5*	6.051	S	142.159	E	33	N	4.7		1.7	12	PAPUA NEW GUINEA
	11	13	25	43.0	38.229	N	140.049	E	20		4.8		1.4	27	HONSHU, JAPAN
	11	13	37	12.0*	4.392	N	127.969	E	33	N	4.7		0.3	10	TALAUD ISLANDS
	11	13	50	29.1*	35.989	N	141.763	E	33	N	4.1		1.1	11	NEAR EAST COAST OF HONSHU, JAPAN
f	11	14	41	42.5	15.461	S	173.117	W	13	G	5.8	6.1	1.2	190	TONGA ISLANDS. Ms 6.0 (PAS), 5.9 (BRK). Mo=4.0*10**18 Nm (PPT). Depth from broadbond displacement seismograms.
	11	14	54	09.9*	15.337	S	173.133	W	33	N	4.6		1.4	14	TONGA ISLANDS
	11	15	33	28.0&	35.267	N	118.583	W	6	G				5	CENTRAL CALIFORNIA. <PAS-P>. ML 2.5 (PAS).
a	11	16	09	31.0*	15.372	S	173.052	W	33	N	5.0	5.4	1.6	62	TONGA ISLANDS. Mo=6.0*10**17 Nm (PPT).
	11	16	14	31.8*	30.917	N	98.460	E	33	N			1.1	8	TIBET
	11	16	45	13.7	45.045	N	7.362	E	18				0.6	51	NORTHERN ITALY. ML 3.0 (LDG), 3.0 (GEN).
	11	17	28	26.2%	42.696	N	18.704	E	10	G			0.7	9	YUGOSLAVIA. ML 2.3 (TTG).
	11	18	22	27.2*	14.922	N	94.145	W	30	*	4.5		1.4	24	OFF COAST OF CHIAPAS, MEXICO
	11	18	34	16.9*	34.780	N	33.096	E	33	N			0.8	5	CYPRUS. ML 3.5 (CSS). Felt (III) at Limassol.
	11	18	38	56.0*	27.667	N	92.236	E	33	N	4.3		0.4	8	INDIA-CHINA BORDER REGION
	11	18	55	35.4*	14.885	S	172.802	W	33	N	4.6	4.5	1.4	9	SAMOA ISLANDS
	11	19	34	35.3?	31.28	S	69.21	W	33	N			0.5	4	SAN JUAN PROVINCE, ARGENTINA
	11	20	04	19.9%	40.679	N	29.659	E	10	G			0.7	6	TURKEY. MD 2.2 (ISK).
	11	20	20	10.7%	40.438	N	29.182	E	10	G			0.5	9	TURKEY. MD 2.5 (ISK).
	11	20	48	22.3?	21.26	S	68.06	W	130	G			1.3	6	CHILE-BOLIVIA BORDER REGION
	11	21	28	23.1%	38.661	N	26.803	E	10	G			0.7	6	AEGEAN SEA. MD 3.0 (ISK).
	11	21	30	58.2&	61.700	N	146.628	W	30					28	SOUTHERN ALASKA. <AGS-P>.
	11	21	33	27.6*	40.170	N	20.356	E	10	G			1.7	10	GREECE-ALBANIA BORDER REGION. MD 2.9 (THE).
	11	21	39	13.4%	40.571	N	28.997	E	10	G			0.7	5	TURKEY. MD 1.9 (ISK).
	11	21	41	46.7	5.914	S	142.503	E	33	N	5.4		1.1	59	PAPUA NEW GUINEA
	11	21	47	08.0	59.810	N	150.759	W	55		4.6		0.9	91	KENAI PENINSULA, ALASKA. Felt (IV) at Anchor River and Homer.
	11	21	56	51.7*	37.030	N	30.160	E	10	G			1.6	7	TURKEY. MD 3.6 (ISK).
	11	23	00	53.9&	59.851	N	150.846	W	37					47	KENAI PENINSULA, ALASKA. <AGS-P>.
	11	23	02	12.1?	18.90	S	70.98	W	90	G			1.1	5	NEAR COAST OF NORTHERN CHILE
	11	23	08	58.0?	44.59	N	148.68	E	33	N	4.4		1.3	9	KURIL ISLANDS
	11	23	36	38.3	43.784	N	16.622	E	5	G			1.5	9	YUGOSLAVIA. ML 2.6 (TTG).
	12	00	19	45.6?	16.59	N	97.19	W	33	N			0.4	5	OAXACA, MEXICO
	12	01	41	17.1*	34.831	N	33.067	E	33	N			1.4	7	CYPRUS. ML 3.5 (CSS). Felt at Limassol.
	12	02	23	51.0&	59.841	N	150.841	W	40					40	KENAI PENINSULA, ALASKA. <AGS-P>.
	12	02	28	33.7&	60.774	N	151.220	W	54					34	KENAI PENINSULA, ALASKA. <AGS-P>.
	12	02	37	20.0&	62.519	N	148.177	W	19					46	CENTRAL ALASKA. <AGS-P>.
	12	03	20	43.7	47.852	N	128.721	W	10	G	4.7		0.8	88	OFF COAST OF WASHINGTON
	12	03	23	03.7?	15.12	N	96.05	W	33	N	3.7		1.2	5	NEAR COAST OF OAXACA, MEXICO
a	12	03	25	51.2	27.115	N	126.403	E	158	D	5.4		1.1	258	EAST CHINA SEA
	12	03	55	16.8	23.793	N	121.640	E	10	G	4.8		1.2	25	TAIWAN
	12	04	54	14.5?	7.30	S	128.57	E	199	?	5.2		1.0	9	BANDA SEA
	12	05	15	07.1&	47.000	N	66.600	W	5					10	NEW BRUNSWICK. <OTT-P>. mbLg 3.5 (OTT).
	12	05	37	36.1	41.488	N	24.047	E	10	G			1.2	7	GREECE-BULGARIA BORDER REGION. MD 2.7 (THE).
	12	05	44	10.2	12.236	N	93.812	E	55	*	4.8	4.3	1.2	50	ANDAMAN ISLANDS REGION
	12	06	36	53.0*	20.072	N	98.430	E	33	N	4.3		1.2	8	BURMA
	12	06	50	37.9?	37.85	N	14.88	E	33	N			1.1	4	SICILY
	12	07	16	13.8?	15.40	S	172.38	W	33	N	4.2		1.3	4	SAMOA ISLANDS REGION
a	12	07	21	05.7	5.864	S	142.262	E	33	N	5.5		1.2	83	PAPUA NEW GUINEA
	12	07	24	28.8	39.617	N	107.572	W	5	G			0.7	20	COLORADO. ML 2.7 (NEIS). Felt in the New Castle area.
	12	07	35	49.6*	40.251	N	74.259	E	33	N	4.1		1.2	11	KIRGHIZ-XINJIANG BORDER REGION. Felt (IV) at Sufa Kurgan and (III) at Gulcha, USSR.
	12	08	18	54.3%	43.405	N	5.444	E	10	G			0.4	7	NEAR SOUTH COAST OF FRANCE. MD 2.5 (STR).
	12	08	20	23.7%	39.113	N	27.554	E	10	G			0.3	5	TURKEY. MD 2.3 (ISK).
	12	08	41	55.1%	44.416	N	7.318	E	10	G			0.2	5	NORTHERN ITALY. ML 1.8 (GEN).
	12	08	44	46.8%	38.804	N	27.655	E	10	G			0.8	6	TURKEY. MD 2.8 (ISK).
	12	10	16	46.7%	39.119	N	27.548	E	10	G			0.2	5	TURKEY. MD 2.2 (ISK).
	12	10	18	38.2%	42.098	N	19.206	E	10	G			0.6	6	YUGOSLAVIA. ML 2.2 (TTG).
	12	10	32	47.1&	59.847	N	150.838	W	37					39	KENAI PENINSULA, ALASKA. <AGS-P>.
	12	11	17	34.9?	41.12	N	28.50	E	10	G			0.1	4	TURKEY. MD 2.1 (ISK).
	12	11	29	10.0?	37.82	N	29.29	E	5	G			1.1	4	TURKEY. MD 3.3 (ISK).
	12	11	53	07.8*	14.458	N	94.309	W	33	N	4.4		1.3	16	OFF COAST OF CHIAPAS, MEXICO
	12	12	02	53.5&	62.061	N	153.178	W	0					45	CENTRAL ALASKA. <AGS-P>. ML 3.0 (PMR).
	12	12	10	22.8?	31.43	S	68.19	W	33	N			1.5	4	SAN JUAN PROVINCE, ARGENTINA
	12	12	24	01.8%	40.406	N	22.946	E	5	G			1.2	5	GREECE. MD 1.9 (THE).
	12	12	29	45.6	43.529	N	7.506	E	10	G			0.3	16	NEAR SOUTH COAST OF FRANCE. ML 2.1 (GEN), 1.8 (LDG). MD 1.7 (STR).
	12	13	56	53.1%	39.120	N	27.562	E	10	G			0.3	5	TURKEY. MD 3.7 (ISK).
	12	14	21	17.4%	44.705	N	6.841	E	10	G			0.3	7	FRANCE. ML 2.0 (GEN).
	12	15	27	26.1*	59.786	N	16.809	E	10	G			0.9	9	SWEDEN. MD 3.9 (BER).
	12	15	42	50.9*	9.156	S	112.356	E	33	N	4.4		0.7	10	SOUTH OF JAVA
	12	16	20	21.9?	4.69	S	152.03	E	162	*	4.8		0.3	10	NEW BRITAIN REGION
	12	16	48	51.4	14.936	N	94.102	W	49		5.2	4.9	1.1	87	OFF COAST OF CHIAPAS, MEXICO
	12	17	13	58.3*	17.438	S	177.350	W	392		4.5		0.9	26	FIJI ISLANDS REGION
	12	17	16	30.3	37.589	N	72.120	E	33	N	4.5		0.4	9	TAJIK SSR
	12	17	34	59.0%	44.461	N	7.217	E	13				0.3	9	NORTHERN ITALY. ML 2.0 (GEN).
	12	18	24	09.7	1.096	N	123.714	E	33	N	5.3		1.1	54	MINAHASSA PENINSULA
	12	18	50	35.2*	35.085	N	136.742	E	33	N	4.7		0.5	8	SOUTHERN HONSHU, JAPAN
	12	19	47	10.3	66.031	N	147.485	W	33	N			1.1	9	ALASKA. ML 4.5 (PMR).
	12	20	49	55.2	44.514	N	7.443	E	10	G			0.4	6	NORTHERN ITALY. ML 1.6 (GEN).
	12	21	05	24.6?	18.09	N	76.68	W	10	G			0.5	4	JAMAICA REGION. MD 2.6 (TRN).

	12	21 33 17.9%	37.215	N	138.592	E	10	G			0.4	9	NEAR WEST COAST OF HONSHU, JAPAN
	12	22 10 32.2*	40.053	N	24.169	E	10	G			1.2	8	AEGEAN SEA. MD 2.6 (THE).
	12	22 32 10.4	41.798	N	19.556	E	10	G			1.1	39	ALBANIA. MD 3.2 (THE), 3.1 (TTG).
	12	23 00 49.5&	60.034	N	153.727	W	153					39	SOUTHERN ALASKA. <AGS-P>.
	12	23 32 38.4*	47.257	N	153.399	E	33	N	4.8		1.0	20	KURIL ISLANDS
	12	23 43 33.7*	35.982	N	28.778	E	10	G			1.6	9	EASTERN MEDITERRANEAN SEA. MD 3.4 (ISK).
a	13	00 24 25.7	37.300	N	15.438	E	11		5.5	5.3	1.4	367	SICILY. MD 5.6 (TRI), 5.3 (TTG), 5.2 (THE). Mo=4.0*10**17 Nm (PPT). At least 19 people killed, about 200 injured, 2,500 homeless and severe damage (VII) in the Carlentini area. Damage also occurred at Augusta, Lentini and Noto and slight damage occurred as far away as Cefalu. Felt as far west as Trapani.
	13	00 53 14.7%	37.370	N	15.284	E	10	G			0.3	6	SICILY
	13	00 57 41.6	36.245	N	27.789	E	72	?			1.3	18	DODECANESE ISLANDS. MD 4.0 (ISK).
	13	01 01 00.0&	37.250	N	117.267	W	5	G				5	CALIFORNIA-NEVADA BORDER REGION. <BRK>. ML 3.0 (BRK).
	13	01 08 41.4?	60.81	N	4.22	E	10	G			1.5	8	SOUTHERN NORWAY. MD 2.5 (BER).
f	13	03 01 48.0	23.916	N	121.636	E	12	D	5.9	6.2	1.2	315	TAIWAN. Mo=3.0*10**18 Nm (PPT). At least 2 people killed and 3 people injured. Damage (IV JMA) at Hualien. Also felt (IV JMA) at Taipei, (III JMA) at Chiai, Hsinchu and Ilan, (II JMA) at Chilung and Taitung and (I JMA) at Kaohsiung.
	13	04 33 42.2	36.319	N	141.241	E	43	D	4.8		1.0	32	NEAR EAST COAST OF HONSHU, JAPAN
	13	05 12 17.0?	31.36	S	68.89	W	100	G			0.5	5	SAN JUAN PROVINCE, ARGENTINA
	13	05 30 36.7?	37.54	N	29.69	E	10	G			1.1	4	TURKEY. MD 3.0 (ISK).
	13	05 34 20.4*	23.860	N	121.679	E	10	G	4.5		1.4	24	TAIWAN. ML 4.7 (BJI). Felt in the Hualien area.
	13	05 53 15.5&	63.306	N	151.551	W	36					19	CENTRAL ALASKA. <AGS-P>.
	13	06 02 53.4*	23.769	N	121.648	E	10	G	4.4		1.3	7	TAIWAN. ML 4.6 (BJI). Felt in the Hualien area.
	13	06 26 12.0&	63.298	N	151.568	W	31					18	CENTRAL ALASKA. <AGS-P>.
	13	06 28 15.2?	23.72	N	121.77	E	10	G	4.1		1.7	7	TAIWAN. ML 4.1 (BJI). Felt in the Hualien area.
	13	07 31 52.3	34.644	N	33.929	E	49		4.2		1.0	48	CYPRUS. Felt (III) at Larnaca. Also felt at Nicosia.
	13	07 42 41.5?	30.76	S	68.86	W	100	G			0.7	4	SAN JUAN PROVINCE, ARGENTINA
	13	07 54 08.9?	31.83	S	69.36	W	130	G			0.5	4	SAN JUAN PROVINCE, ARGENTINA
	13	08 08 28.9%	41.096	N	24.862	E	10	G			0.6	5	GREECE-BULGARIA BORDER REGION
	13	08 28 55.7	31.573	N	77.438	E	33	N	4.7		1.0	33	NORTHERN INDIA. MD 4.2 (NDI).
	13	08 37 28.8	23.736	N	121.706	E	10	G	5.0	4.5	1.1	42	TAIWAN. Felt in the Hualien area.
	13	09 01 55.0&	37.860	N	122.007	W	6					11	CENTRAL CALIFORNIA. <BRK>. ML 2.3 (BRK). Felt at Alamo.
	13	10 13 20.5	35.500	N	140.930	E	23	D	5.0		1.5	59	NEAR EAST COAST OF HONSHU, JAPAN
	13	11 28 58.2?	14.77	S	71.35	W	148	?	4.0		1.6	8	PERU
	13	12 23 51.7?	10.34	S	121.35	E	33	N			1.4	4	SAVU SEA
f	13	12 26 40.7	1.116	N	124.034	E	33	N	6.0	5.7	1.2	249	MINAHASSA PENINSULA. Ms 5.5 (BRK). Mo=3.0*10**18 Nm (PPT).
	13	12 41 02.4	1.050	N	123.981	E	33	N	5.3		1.0	24	MINAHASSA PENINSULA
	13	13 00 05.9*	1.109	N	124.006	E	33	N	5.1		1.3	14	MINAHASSA PENINSULA
	13	13 53 08.8&	40.480	N	125.555	W	18		3.8			17	OFF COAST OF NORTHERN CALIFORNIA. <BRK>. ML 3.5 (BRK).
	13	14 01 23.1%	10.995	N	60.943	W	33	N			0.9	7	TRINIDAD. MD 3.7(TRN).
	13	14 38 47.8?	1.29	N	124.34	E	33	N	4.6		1.4	14	MINAHASSA PENINSULA
	13	14 42 12.5%	41.151	N	28.439	E	5	G			1.0	5	TURKEY. MD 2.3 (ISK).
	13	15 05 25.7*	28.014	N	139.989	E	404	*	4.0		0.6	14	BONIN ISLANDS REGION
	13	16 06 48.1*	23.849	N	121.598	E	10	G	4.2		1.6	14	TAIWAN. ML 4.4 (BJI). Felt in the Hualien area.
	13	16 27 01.0?	21.99	S	175.98	W	210	?	4.7		1.4	17	TONGA ISLANDS
	13	16 29 02.9?	40.66	N	29.98	E	10	G			1.1	4	TURKEY. MD 2.2 (ISK).
	13	17 28 40.6*	23.706	N	121.773	E	10	G	4.3		1.0	15	TAIWAN. Felt in the Hualien area.
	13	17 47 41.6%	40.610	N	30.088	E	10	G			0.7	5	TURKEY. MD 2.2 (ISK).
	13	18 59 58.0&	33.190	N	115.560	W	0					5	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS). Felt at Niland.
	13	19 18 21.3*	0.863	N	123.880	E	33	N	4.7		0.8	15	MINAHASSA PENINSULA
	13	19 24 31.0*	1.238	N	124.133	E	33	N	4.9		1.1	18	MINAHASSA PENINSULA
	13	19 28 03.8*	1.175	N	124.120	E	33	N	5.2		1.2	29	MINAHASSA PENINSULA
a	13	19 50 17.8	23.722	N	121.627	E	10	G	5.9	6.3	1.1	286	TAIWAN. Ms 6.4 (BRK). Mo=1.0*10**19 Nm (PPT). Damage (V JMA) at Hualien. Felt (III JMA) at Chiai, Ilan and Taipei and (II JMA) at Hsinchu and Taichung. Also felt along the coast of Fujian Province, China. Surface faulting and landslides occurred in the Hualien area.
	13	20 04 47.6*	23.707	N	121.809	E	10	G	4.6		1.3	15	TAIWAN. Felt in the Hualien area.
	13	20 14 52.3	51.744	N	16.318	E	10	G			0.7	14	POLAND. ML 4.1 (GRF), 3.8 (VKA).
	13	20 16 21.4*	23.921	N	121.719	E	10	G	4.6		0.7	13	TAIWAN. ML 4.9 (BJI). Felt in the Hualien area.
	13	20 21 04.3	23.724	N	121.720	E	10	G	4.5		1.0	22	TAIWAN. ML 4.8 (BJI). Felt in the Hualien area.
	13	20 28 08.6	23.781	N	121.832	E	7	D	5.3		1.4	76	TAIWAN. Felt in the Hualien area.
	13	20 39 24.1*	23.686	N	121.761	E	10	G	4.8		1.2	11	TAIWAN. ML 5.1 (BJI). Felt in the Hualien area.
	13	20 42 37.4	23.665	N	121.811	E	10	G	5.2		1.4	73	TAIWAN. Felt in the Hualien area.
	13	21 00 05.2*	23.845	N	121.780	E	10	G	4.7		1.6	34	TAIWAN. Felt in the Hualien area.
	13	21 05 09.3*	23.805	N	121.977	E	10	G	4.5		1.0	9	TAIWAN. Felt in the Hualien area.
	13	21 30 31.0	23.812	N	121.638	E	10	G	5.1		1.2	52	TAIWAN. Felt in the Hualien area.
	13	21 46 39.6?	16.25	N	61.67	W	10	G			0.2	4	LEEWARD ISLANDS. ML 1.5 (FDF).
	13	21 53 22.6*	23.984	N	121.738	E	10	G	4.3		1.3	14	TAIWAN. ML 4.6 (BJI). Felt in the Hualien area.
	13	21 56 38.3	23.713	N	121.673	E	10	G	5.3	5.1	1.2	88	TAIWAN. Felt in the Hualien area.
	13	22 18 32.8*	23.791	N	121.737	E	10	G	4.9		1.2	33	TAIWAN. Felt in the Hualien area.
	13	22 28 09.5*	6.013	S	142.247	E	33	N			1.3	14	PAPUA NEW GUINEA
a	13	22 39 22.3	6.020	S	142.291	E	33	N	5.5		1.5	42	PAPUA NEW GUINEA
	13	22 41 33.8*	23.805	N	121.723	E	10	G	4.4		0.9	12	TAIWAN. Felt in the Hualien area.
	13	22 43 01.8*	23.988	N	121.636	E	10	G	4.9		1.2	23	TAIWAN. ML 5.2 (BJI). Felt in the Hualien area.
	13	22 52 20.7*	23.846	N	121.743	E	10	G	4.0		1.5	8	TAIWAN. Felt in the Hualien area.
	13	23 11 11.7*	24.169	N	121.713	E	10	G	4.3		1.3	10	TAIWAN. ML 4.3 (BJI).
a	13	23 18 59.3	23.681	N	121.625	E	10	G	5.4	5.7	1.4	114	TAIWAN. Felt in the Hualien area.
	13	23 26 41.7?	12.60	S	75.96	W	33	N			0.5	7	PERU. Felt (III) in Chinca and (II) at Canete. Also felt at Cerro and Pisco.
	13	23 28 04.4	23.807	N	121.678	E	10	G	5.7	5.4	1.3	171	TAIWAN. Damage (V JMA) at Hualien.
	13	23 58 00.0*	23.870	N	121.688	E	10	G	4.7		1.1	13	TAIWAN. ML 5.0 (BJI). Felt in the Hualien area.
	14	00 49 37.8*	23.750	N	121.712	E	10	G	4.2		1.1	10	TAIWAN. ML 4.2 (BJI). Felt in the Hualien area.
	14	01 20 27.2?	31.36	S	69.05	W	120	G			0.7	6	SAN JUAN PROVINCE, ARGENTINA
	14	01 20 48.8	23.942	N	121.730	E	10	G	4.6		1.2	31	TAIWAN. ML 4.9 (BJI). Felt in the Hualien area.
	14	01 43 53.1	23.822	N	121.716	E	10	G	5.1	4.9	1.1	59	TAIWAN. Felt in the Hualien area.
	14	01 49 17.3&	59.918	N	152.338	W	84		2.5			28	SOUTHERN ALASKA. <AGS-P>.

	14	02	01	20.2*	6.359	S	142.242	E	33	N	4.4		1.6	9	PAPUA NEW GUINEA
o	14	02	37	38.6	23.584	N	121.677	E	10	G	5.1	4.9	1.2	96	TAIWAN. Felt in the Hualien area.
	14	02	42	15.2?	40.32	N	29.18	E	10	G			0.3	4	TURKEY. MD 1.7 (ISK).
	14	02	42	26.7*	45.359	N	14.718	E	10	G			0.7	5	YUGOSLAVIA. MD 2.1 (TRI).
	14	02	53	18.9	25.461	S	70.995	W	33	N	4.7		1.4	27	NEAR COAST OF NORTHERN CHILE
	14	03	13	53.0	23.925	N	121.642	E	10	G	5.1		1.3	36	TAIWAN. ML 5.0 (BJI). Felt in the Hualien area.
	14	03	17	03.1*	18.990	S	176.350	E	33	N		4.8	1.0	13	FIJI ISLANDS REGION
o	14	03	21	26.8	39.347	N	15.355	E	276		5.3		1.1	322	SOUTHERN ITALY
	14	04	22	15.8?	2.07	N	100.53	W	10	G	4.4		1.2	9	EAST CENTRAL PACIFIC OCEAN
	14	04	28	28.0?	2.55	N	100.04	W	10	G	4.5		1.1	13	EAST CENTRAL PACIFIC OCEAN
	14	04	36	47.8?	23.46	N	121.52	E	10	G	4.2		1.5	8	TAIWAN. ML 4.0 (BJI). Felt in the Hualien area.
	14	04	50	53.1*	49.181	N	6.522	E	10	G			1.0	5	GERMANY
	14	04	55	30.3	23.883	N	121.758	E	10	G	4.6	4.4	1.4	48	TAIWAN. Felt in the Hualien area.
	14	07	04	07.6&	61.492	N	146.690	W	45					29	SOUTHERN ALASKA. <AGS-P>.
	14	07	13	35.1%	43.130	N	0.698	W	10	G			0.6	5	PYRENEES. MD 1.5 (STR).
	14	07	38	53.6*	23.744	N	121.779	E	10	G	4.4		1.7	16	TAIWAN. ML 4.5 (BJI). Felt in the Hualien area.
	14	07	42	44.3*	23.686	N	121.701	E	10	G	4.4		1.3	20	TAIWAN. Felt in the Hualien area.
	14	08	36	50.0*	40.102	N	143.036	E	33	N	4.2		0.8	8	OFF EAST COAST OF HONSHU, JAPAN
	14	09	11	51.8%	15.239	N	60.476	W	33	N			0.3	9	LEEWARD ISLANDS. ML 2.9 (FDF).
	14	10	44	23.6	23.717	N	121.624	E	10	G	4.8		1.1	50	TAIWAN. ML 4.8 (BJI). Felt in the Hualien area.
	14	11	00	00.9?	39.56	N	28.85	E	10	G			0.3	4	TURKEY
o	14	11	22	39.3	9.691	S	78.982	W	38	D	5.3	5.1	1.1	139	NEAR COAST OF NORTHERN PERU. Ms 5.1 (BRK). Mo=3.0*10**17 Nm (PPT). Felt (VI) at Chimbote, (IV) at Trujillo and (III) at Chiclayo.
	14	11	41	33.0&	61.628	N	150.779	W	48					31	SOUTHERN ALASKA. <AGS-P>.
	14	11	46	31.9	1.403	N	123.425	E	33	N	4.7	4.7	1.0	30	MINAHASSA PENINSULA
	14	11	56	13.8	23.701	N	121.634	E	10	G	4.7		1.3	31	TAIWAN. ML 5.0 (BJI). Felt in the Hualien area.
	14	12	21	25.5?	39.27	N	27.45	E	10	G			1.7	4	TURKEY. MD 2.5 (ISK).
	14	12	36	56.8*	24.059	N	121.932	E	10	G	4.3		1.5	17	TAIWAN. ML 4.5 (BJI). Felt in the Hualien area.
o	14	14	09	07.3	2.982	S	136.488	E	33	N	5.2	5.1	1.0	50	WEST IRIAN REGION
	14	14	10	11.7?	39.10	N	27.64	E	10	G			0.4	4	TURKEY. MD 2.3 (ISK).
	14	14	22	33.2&	36.561	N	117.997	W	10					19	CALIFORNIA-NEVADA BORDER REGION. <BRK>. ML 3.4 (BRK), 3.6 (PAS).
	14	14	39	42.5&	50.276	N	114.738	W	5	G				9	ALBERTA PROVINCE, CANADA. <PGC>. ML 2.8 (PGC).
	14	15	00	02.7*	15.899	S	167.394	E	55	*	4.5	5.0	1.4	24	VANUATU ISLANDS
	14	17	23	30.9*	23.957	N	121.702	E	10	G	4.6		1.4	14	TAIWAN. Felt (IV JMA) at Hualien.
	14	17	49	23.6	34.063	N	25.281	E	33	N			0.9	14	CRETE
	14	17	59	53.2&	58.466	N	151.984	W	29					29	KODIAK ISLAND REGION. <AGS-P>.
	14	18	28	08.6&	35.017	N	116.967	W	6	G				3	CENTRAL CALIFORNIA. <PAS-P>. ML 2.6 (PAS).
	14	20	23	53.1	43.414	N	5.440	E	10				0.5	14	NEAR SOUTH COAST OF FRANCE. MD 2.5 (STR).
	14	20	38	38.2*	44.679	N	17.477	E	5	G			1.4	7	YUGOSLAVIA
	14	21	57	55.4?	30.01	S	178.47	W	33	N			0.6	5	KERMADEC ISLANDS. Felt on Raoul Island.
	14	22	17	41.6?	1.34	N	123.37	E	33	N	4.1		1.5	6	MINAHASSA PENINSULA
	14	23	20	56.7	39.038	N	23.343	E	10	G			0.7	11	AEGEAN SEA. ML 3.2 (ATH). MD 2.7 (THE).
	14	23	29	56.2	51.548	N	7.449	E	10	G			1.2	25	GERMANY. ML 3.2 (LDG), 3.0 (BNS).
	15	00	55	01.1*	30.709	S	69.188	W	129	?			0.2	6	CHILE-ARGENTINA BORDER REGION
	15	00	57	12.6	44.730	N	7.317	E	10	G			1.0	29	NORTHERN ITALY. ML 2.6 (GEN), 2.5 (LDG).
	15	01	32	40.7%	1.063	S	78.363	W	10	G			0.0	5	ECUADOR
	15	01	44	58.2?	10.97	N	62.20	W	80	G			0.1	5	NEAR COAST OF VENEZUELA. MD 3.0 (TRN).
	15	01	53	50.3&	60.882	N	149.711	W	39					37	KENAI PENINSULA, ALASKA. <AGS-P>.
	15	02	11	01.8*	22.523	S	66.118	W	240	G			1.5	7	JUJUY PROVINCE, ARGENTINA
	15	02	19	17.4*	31.849	S	67.877	W	33	N			1.5	13	SAN JUAN PROVINCE, ARGENTINA
	15	02	34	40.9%	37.786	N	14.681	E	10	G			1.1	16	SICILY
	15	02	48	16.7*	17.355	S	174.527	W	184	*	4.6		1.3	46	TONGA ISLANDS
	15	02	55	53.6?	5.47	S	105.98	E	33	N	4.9		1.3	12	SUNDA STRAIT
	15	03	44	05.8%	44.226	N	8.224	E	10	G			0.1	8	NORTHERN ITALY. ML 1.6 (GEN).
	15	04	02	31.6?	37.80	N	27.17	E	10	G			1.3	5	TURKEY. MD 3.0 (ISK).
	15	04	28	00.0&	54.060	N	162.651	W	25					9	ALASKA PENINSULA. <PAL>.
	15	04	30	32.9%	61.014	N	3.766	E	10	G			0.7	8	NORWEGIAN SEA. MD 2.4 (BER).
	15	05	01	30.8	23.636	N	121.688	E	10	G	4.5		1.0	28	TAIWAN. Felt in the Hualien area.
	15	05	06	43.2&	60.598	N	148.424	W	14					32	KENAI PENINSULA, ALASKA. <AGS-P>.
	15	05	24	13.7&	60.051	N	140.669	W	4					18	SOUTHEASTERN ALASKA. <AGS-P>.
	15	05	46	28.7&	59.817	N	152.907	W	105		3.1			48	SOUTHERN ALASKA. <AGS-P>.
	15	06	40	00.6&	59.907	N	153.081	W	123					37	SOUTHERN ALASKA. <AGS-P>.
	15	09	53	00.7*	23.802	N	121.786	E	10	G	4.2		1.4	13	TAIWAN. ML 4.3 (BJI). Felt in the Hualien area.
	15	10	25	45.3*	7.445	S	156.672	E	78	*	4.8		1.2	16	SOLOMON ISLANDS
	15	10	33	31.4	49.096	N	6.897	E	10	G			1.0	13	GERMANY. MD 2.7 (STR).
	15	10	42	27.5*	23.748	N	121.734	E	10	G	4.3		1.7	19	TAIWAN. Felt in the Hualien area.
	15	11	59	41.3*	23.870	N	121.746	E	10	G	4.2		1.2	16	TAIWAN. ML 4.2 (BJI). Felt in the Hualien area.
	15	12	08	24.2	39.900	N	24.077	E	10	G			0.9	23	AEGEAN SEA. MD 3.3 (THE).
	15	12	13	04.0%	39.668	N	27.590	E	10	G			0.7	7	TURKEY. MD 2.6 (ISK).
	15	12	41	48.9&	62.616	N	150.654	W	86					42	CENTRAL ALASKA. <AGS-P>.
	15	13	20	47.2&	46.802	N	119.993	W	3					62	WASHINGTON. <SEA>. CL 3.1 (SEA).
	15	13	47	20.8	44.152	N	10.060	E	10	G			1.0	11	NORTHERN ITALY
	15	14	02	57.5%	43.094	N	0.636	W	10	G			0.2	8	PYRENEES. MD 2.2 (STR).
	15	14	47	08.9?	40.64	N	27.66	E	10	G			0.7	6	TURKEY. MD 2.2 (ISK).
	15	15	59	24.6	36.999	N	21.289	E	60		4.0		1.3	96	SOUTHERN GREECE. MD 4.2 (ATH), 3.7 (THE).
	15	16	34	16.6%	37.757	N	15.045	E	10	G			0.1	5	SICILY
	15	16	38	01.7%	31.537	S	67.609	W	10	G			1.2	5	SAN JUAN PROVINCE, ARGENTINA
	15	17	56	33.5%	40.626	N	27.649	E	10	G			0.5	12	TURKEY. MD 3.0 (ISK).
	15	18	14	11.9?	44.44	N	7.43	E	10	G			0.1	4	NORTHERN ITALY. ML 1.7 (GEN).
	15	18	33	33.9*	36.569	N	9.805	W	90	G			0.5	10	WEST OF GIBRALTAR
	15	20	05	07.2	36.340	N	26.114	E	144	*			1.3	22	DODECANESE ISLANDS
	15	20	30	12.2	24.699	N	145.530	E	52	D	5.2		0.8	57	NORTH PACIFIC OCEAN
	15	20	37	35.4&	61.406	N	150.677	W	48					30	SOUTHERN ALASKA. <AGS-P>.
	15	20	43	21.5&	63.325	N	151.762	W	35					33	CENTRAL ALASKA. <AGS-P>. ML 3.3 (PMR).
	15	20	56	51.3	0.180	N	29.529	E	18	D	4.7	4.3	1.1	46	ZAIRE REPUBLIC. mbLg 4.8 (BUL).
	15	22	26	54.6&	59.993	N	152.305	W	81					47	SOUTHERN ALASKA. <AGS-P>.
	15	23	07	51.5?	26.26	S	175.64	W	33	N	4.6	4.6	1.5	8	SOUTH OF TONGA ISLANDS
	16	01	28	26.0*	43.560	N	147.353	E	33	N	4.4		1.2	12	KURIL ISLANDS
	16	01	29	15.4?	38.50	N	20.47	E	10	G			1.0	6	GREECE
	16	03	52	23.4	52.222	N	169.501	W	33	N	4.8	4.2	0.8	63	FOX ISLANDS, ALEUTIAN ISLANDS
	16	04	40	01.0%	47.162	N	5.781	E	10	G			1.1	10	FRANCE. ML 2.3 (LDG).

	16	04 54 06.4?	31.55	S	69.10	W	120	G			0.5	4	SAN JUAN PROVINCE, ARGENTINA
	16	05 15 46.0*	24.007	N	121.606	E	10	G	4.3		1.3	10	TAIWAN. ML 4.4 (BJI). Felt in the Hualien area.
	16	05 23 54.8	35.605	N	140.214	E	70	D	5.0		1.1	76	NEAR EAST COAST OF HONSHU, JAPAN
	16	05 45 04.5&	60.125	N	140.628	W	0					12	SOUTHEASTERN ALASKA. <AGS-P>.
	16	06 58 42.3?	13.85	N	94.22	W	33	N			0.5	4	OFF COAST OF CHIAPAS, MEXICO
	16	07 48 53.3&	63.008	N	150.651	W	100					35	CENTRAL ALASKA. <AGS-P>.
	16	08 19 48.8?	16.06	N	60.69	W	33	N			0.2	5	LEEWARD ISLANDS. ML 2.3 (FDF).
	16	08 27 53.2?	39.77	N	67.03	E	33	N	4.4		0.6	10	SOUTHEASTERN UZBEK SSR
	16	08 40 24.0	53.683	N	153.810	E	517	D	4.8		0.8	128	SEA OF OKHOTSK
	16	09 59 50.0?	0.54	N	78.50	W	10	G			0.2	6	COLOMBIA-ECUADOR BORDER REGION
	16	10 06 55.7	7.021	S	127.231	E	279		5.0		1.0	66	BANDA SEA
	16	11 42 04.3&	36.345	N	118.030	W	2					12	CENTRAL CALIFORNIA. <BRK>. ML 3.2 (BRK).
	16	12 12 13.6*	1.286	N	124.278	E	33	N	4.3		1.1	11	MINAHASSA PENINSULA
	16	13 50 28.8	37.280	N	15.448	E	26		4.5		1.3	56	SICILY
	16	14 07 42.0	46.903	N	7.485	E	10	G			1.2	46	SWITZERLAND. ML 3.1 (LDG). MD 2.9 (STR).
a	16	15 45 40.7	41.361	N	43.715	E	33	N	5.2	5.0	1.2	304	TURKEY-USSR BORDER REGION. Felt (VII) in the Gukasyan-Bogdanovko area, (V) at Leninakan and Stepanavan and (IV) at Yerevan, USSR. Also felt at Tbilisi, USSR.
	16	16 18 48.8&	32.600	N	115.817	W	6	G				2	CALIFORNIA-MEXICO BORDER REGION. <PAS-P>. ML 2.5 (PAS).
	16	16 53 33.5*	2.303	N	97.139	E	33	N	4.8		1.0	18	NORTHERN SUMATERA
	16	16 53 40.0%	43.103	N	0.569	W	10	G			0.2	7	PYRENEES. MD 1.0 (STR).
	16	17 21 25.4?	32.83	S	72.09	W	33	N			0.8	10	OFF COAST OF CENTRAL CHILE
	16	17 26 03.4?	44.52	N	7.22	E	10	G			0.1	4	NORTHERN ITALY. ML 1.6 (GEN).
	16	18 06 56.7&	34.110	N	117.740	W	4					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS). Felt at Pamona.
	16	18 39 14.6	42.853	N	17.822	E	10	G			1.4	44	ADRIATIC SEA. MD 3.8 (TRI), 3.3 (TTG). Felt at Metkovic, Yugoslavia.
	16	20 19 48.1	6.002	S	142.167	E	33	N	5.4		1.1	61	PAPUA NEW GUINEA
	16	20 20 40.0%	42 260	N	13.643	E	10	G			0.3	6	CENTRAL ITALY
a	16	20 28 50.6	19.467	S	173.278	W	33	N	5.2	5.6	1.3	73	TONGA ISLANDS. Mo=1.0*10**18 Nm (PPT).
	16	21 40 36.1&	57.304	N	153.388	W	49		2.5			33	KODIAK ISLAND REGION. <AGS-P>.
a	16	22 18 49.8	29.044	N	51.304	E	15	D	5.3	5.4	1.2	257	SOUTHERN IRAN. Sixteen people injured and some damage and landslides in the Borazjan area.
	16	22 42 59.4*	23.880	N	121.754	E	10	G	4.7		1.3	20	TAIWAN. Felt in the Hualien area.
	16	22 59 35.3%	37.305	N	15.255	E	10	G			0.4	6	SICILY
	16	23 25 03.0	29.039	N	51.314	E	33	N	3.9		0.7	12	SOUTHERN IRAN. ML 4.0 (BMU).
	16	23 28 53.4	29.127	N	51.099	E	37		4.4		0.6	28	SOUTHERN IRAN. Felt in the Borazjan area.
	16	23 37 41.2?	29.05	N	51.24	E	33	N	4.0		0.7	6	SOUTHERN IRAN. ML 3.8 (BMU).
	17	00 02 18.6*	22.464	S	70.008	W	33	N			1.2	5	NEAR COAST OF NORTHERN CHILE
	17	01 11 27.6&	60.175	N	141.033	W	2					9	SOUTHEASTERN ALASKA. <AGS-P>.
a	17	01 21 07.8*	1.412	N	123.230	E	33	N	5.2		1.4	18	MINAHASSA PENINSULA
	17	01 29 25.2&	57.652	N	142.955	W	10	G				21	GULF OF ALASKA. <AGS-P>.
a	17	01 43 48.6	1.298	N	123.188	E	33	N	5.4	4.7	1.2	60	MINAHASSA PENINSULA
	17	01 45 47.8%	46.098	N	2.901	E	10	G			0.4	9	FRANCE. ML 1.9 (LDG).
	17	02 02 57.8%	45.949	N	15.041	E	10	G			0.4	5	YUGOSLAVIA. MD 2.3 (LJU).
	17	02 18 38.0	29.079	N	51.260	E	31		4.8	4.3	1.1	101	SOUTHERN IRAN. Felt in the Borazjan area.
	17	02 41 27.1*	29.229	N	51.597	E	33	N	4.3		1.3	14	SOUTHERN IRAN. ML 3.9 (BMU).
	17	02 45 35.0	29.155	N	51.248	E	33	N	4.7		1.2	45	SOUTHERN IRAN. ML 4.3 (BMU).
	17	02 59 07.9%	42.480	N	12.994	E	10	G			0.8	6	CENTRAL ITALY
	17	03 07 07.0*	29.213	N	51.313	E	33	N	4.1		0.6	8	SOUTHERN IRAN. ML 4.1 (BMU).
	17	04 15 14.4?	24.13	S	179.82	W	628	?	5.2		1.3	32	SOUTH OF FIJI ISLANDS
	17	04 50 10.5*	29.170	N	51.237	E	33	N	4.1		0.6	10	SOUTHERN IRAN. ML 4.2 (BMU).
	17	04 51 32.1?	14.52	N	61.07	W	5	G			0.2	4	WINDWARD ISLANDS. ML 1.5 (FDF).
	17	05 24 59.1	40.068	N	87.044	W	10	G			0.9	19	ILLINOIS. MD 3.2 (SLM). Felt (IV) at Crawfordsville, Lafayette and Waynetown, Indiana. Felt (III) at Bainbridge, Battle Ground, Darlington, Kentland, Ladoga, Logansport, Mulberry, New Market, New Ross, Radnor, Roachdale and Veedersburg, Indiana. Also felt (III) at Danville, Illinois.
	17	05 55 12.7*	29.184	N	51.282	E	33	N	4.0		1.1	9	SOUTHERN IRAN
	17	05 56 30.0*	32.827	S	71.714	W	33	N			1.0	10	NEAR COAST OF CENTRAL CHILE
	17	06 31 25.3?	47.84	N	1.37	W	10	G			0.8	5	FRANCE. ML 1.9 (LDG).
	17	06 47 30.7	40.354	N	31.338	E	17		3.9		1.2	27	TURKEY. MD 4.3 (ISK).
	17	07 08 02.2?	6.42	S	142.36	E	33	N	4.5		1.3	6	PAPUA NEW GUINEA
	17	07 10 03.4*	39.172	N	22.759	E	10	G			1.2	11	GREECE. MD 2.6 (THE).
	17	07 14 57.9*	1 232	N	123.013	E	33	N	5.0	4.4	1.5	17	MINAHASSA PENINSULA
	17	07 22 48.5&	41.953	N	80.122	W	5	G				6	OHIO. <CLE>. mbLg 2.5 (OTT). Felt (III) in the Erie, Pennsylvania area.
	17	07 25 32.0?	10.99	N	61.90	W	70	G			0.2	5	TRINIDAD. MD 3.1 (TRN).
	17	07 51 50.1?	40.34	N	31.09	E	10	G			0.5	4	TURKEY. MD 2.7 (ISK).
	17	07 53 51.7*	23.535	N	121.940	E	10	G	4.3		1.2	10	TAIWAN
	17	08 59 38.7?	54.04	N	162.82	W	33	N	3.0		0.4	11	ALASKA PENINSULA
	17	09 11 28.8%	45.964	N	2.658	E	10	G			0.5	11	FRANCE. ML 2.2 (LDG).
	17	10 17 58.9*	7.205	S	129.902	E	33	N	4.5		1.4	13	BANDA SEA
	17	10 32 42.4%	43.099	N	0.610	W	10	G			0.5	7	PYRENEES. MD 1.0 (STR).
	17	11 00 18.9	6.554	N	82.113	W	20	D	5.2		1.2	75	SOUTH OF PANAMA
a	17	11 00 29.8	6.638	N	81.926	W	19	D	5.7	5.9	1.3	91	SOUTH OF PANAMA. Ms 5.6 (PAS), 5.5 (BRK). Mo=2.0*10**18 Nm (PPT). Felt (V) at Santiaga and (IV) at David, Penoname and Puerto Armuelles, Panama. Also felt in the southern Costa Rica. Complex event observed on broadband displacement seismograms.
	17	11 37 09.0*	1.210	N	125.604	E	33	N	4.1		1.2	5	MOLUCCA PASSAGE
	17	12 34 24.9	7.201	N	82.082	W	33	N	4.9		1.2	67	SOUTH OF PANAMA. MD 5.2 (UPA).
	17	12 48 50.4?	37.37	N	15.06	E	10	G			1.2	4	SICILY
	17	13 09 54.4?	44.32	N	7.49	E	10	G			0.0	4	NORTHERN ITALY. ML 2.5 (LDG).
	17	14 16 31.5%	39.154	N	27.564	E	10	G			0.6	5	TURKEY
	17	14 36 14.0%	41.141	N	28.431	E	5	G			1.0	6	TURKEY. MD 2.4 (ISK).
	17	15 27 46.3	44.697	N	6.550	E	10	G			0.8	24	FRANCE. ML 2.8 (LDG). MD 2.4 (STR).
	17	16 47 34.4%	61.675	N	4.946	E	31	*			1.2	9	SOUTHERN NORWAY MD 2.3 (BER).
	17	17 34 48.8	43.283	N	19.854	E	5	G			0.5	8	YUGOSLAVIA. ML 2.1 (TTG).
	17	17 44 21.2&	34.210	N	117.020	W	6					32	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.7 (PAS), 3.7 (ECX). Felt (V) at Green Valley Lake; (IV) at Crest Park, Big

														Bear Lake, Lake Arrowhead, Skyforest and Victorville; (III) at Blue Jay, Crestline, Hesperia, Norton Air Force Base, Redlands and San Bernardino.
	17	17	53	07.0%	39.867	N	30.568	E	10	G		1.0	11	TURKEY. MD 3.1 (ISK).
	17	17	58	53.5	42.876	N	20.648	E	5	G		1.5	11	YUGOSLAVIA. ML 2.4 (TTG).
	17	20	50	52.2*	36.913	N	141.648	E	59	*	3.9 4.0	1.4	16	NEAR EAST COAST OF HONSHU, JAPAN
	17	21	03	50.6?	44.30	N	7.17	E	10	G		0.0	4	NORTHERN ITALY. ML 1.9 (GEN).
	17	21	34	44.0	42.336	N	19.414	E	18			1.0	36	YUGOSLAVIA. MD 3.2 (TTG), 3.2 (THE).
	17	23	34	46.0	46.140	N	7.646	E	10	G		1.3	12	SWITZERLAND. ML 2.4 (LDG).
	18	01	24	45.7?	19.70	N	121.45	E	33	N	4.7	1.5	10	PHILIPPINE ISLANDS REGION
	18	01	36	27.3&	63.349	N	151.020	W	32				50	CENTRAL ALASKA. <AGS-P>. ML 3.4 (PMR).
	18	01	47	56.0*	19.680	N	121.576	E	33	N	4.7	0.5	8	PHILIPPINE ISLANDS REGION
a	18	02	33	12.3	42.553	S	16.140	W	10	G	5.4 5.4	1.1	51	SOUTH ATLANTIC RIDGE
	18	02	40	49.7	30.336	N	79.117	E	19	D	4.9 4.5	1.1	61	TIBET-INDIA BORDER REGION
a	18	02	49	22.8*	42.667	S	15.948	W	12	D	5.6 5.4	1.3	55	TRISTAN DA CUNHA REGION
	18	04	06	11.4*	41.187	N	142.101	E	96	?	4.7	0.8	33	HOKKAIDO, JAPAN REGION. Felt (III) at Misawa.
	18	04	06	45.3?	48.07	N	7.37	E	10	G		0.2	4	FRANCE. ML 1.7 (LDG).
	18	04	09	12.5	42.833	N	17.942	E	9			1.2	42	ADRIATIC SEA. MD 3.3 (TTG). ML 2.9 (LJU).
	18	04	12	16.3	39.432	N	22.842	E	10	G		0.7	19	GREECE. ML 3.1 (ATH). MD 3.0 (THE).
	18	04	36	57.8%	38.304	N	15.153	E	10	G		0.9	5	SICILY
	18	04	38	17.8%	38.352	N	15.151	E	10	G		1.1	5	SICILY
a	18	04	39	11.8	23.766	N	121.772	E	10	G	5.0 4.8	1.0	48	TAIWAN
	18	05	34	36.3%	39.418	N	22.798	E	10	G		0.6	7	GREECE. MD 2.8 (THE).
	18	06	28	33.1?	0.78	N	124.04	E	167	?	4.5	1.0	9	MINAHASSA PENINSULA
	18	06	49	29.9?	14.11	N	90.42	W	225	?	3.7	0.7	8	GUATEMALA
	18	07	26	49.6?	34.19	S	180.00	E	33	N	4.7	1.3	6	SOUTH OF KERMADEC ISLANDS
	18	09	14	59.7&	62.940	N	151.323	W	102				41	CENTRAL ALASKA. <AGS-P>.
	18	09	32	21.6?	53.38	N	169.30	E	33	N	4.2	0.9	7	KOMANDORSKY ISLANDS REGION
	18	10	28	25.9*	34.299	N	24.679	E	33	N	3.8	1.1	15	CRETE
	18	10	37	32.5*	8.353	N	122.405	E	33	N	4.9	1.4	13	MINDANAO, PHILIPPINE ISLANDS
	18	11	43	06.5%	40.658	N	22.828	E	10	G		0.4	7	GREECE. MD 1.6 (THE).
	18	12	07	36.8?	30.75	S	71.85	W	33	N		0.6	6	NEAR COAST OF CENTRAL CHILE
	18	12	47	56.3*	49.669	N	18.479	E	10	G		1.3	6	CZECHOSLOVAKIA
	18	12	55	02.1%	37.671	N	14.736	E	10	G		1.4	5	SICILY
	18	13	17	58.9%	37.345	N	15.165	E	10	G		1.0	6	SICILY
	18	13	23	32.5?	47.09	N	13.57	E	10	G		1.4	6	AUSTRIA. ML 2.3 (VIE).
	18	13	35	13.7&	32.983	N	117.700	W	6	G			2	CALIFORNIA-MEXICO BORDER REGION. <PAS-P>. ML 2.6 (PAS).
	18	13	52	20.9?	39.77	N	16.19	E	33	N		0.3	4	SOUTHERN ITALY
	18	14	57	33.4*	39.489	S	91.816	W	18	D	4.9 4.8	0.9	17	WEST CHILE RISE
	18	14	58	19.4%	40.816	N	29.573	E	10	G		1.0	5	TURKEY. MD 2.1 (ISK).
a	18	15	01	23.7*	40.421	S	91.738	W	18	D	5.2 4.9	1.2	55	WEST CHILE RISE
	18	16	03	32.3	29.238	N	51.262	E	33	N	4.3	1.2	16	SOUTHERN IRAN ML 4.0 (BMU).
	18	16	56	43.0&	35.370	N	118.850	W	6				24	CENTRAL CALIFORNIA. <PAS-P>. ML 4.2 (PAS), 4.1 (BRK). Felt (V) at Bakersfield; (IV) at Di Giorgio, Edison, Lamont and Posey; (III) at California Hot Spring, Delano, Glennville, Lake Isabella, Lemoncove, Porterville and Woodville.
	18	17	18	07.9%	44.342	N	11.559	E	10	G		0.6	6	NORTHERN ITALY
	18	17	28	35.7	43.423	N	5.439	E	9			0.6	17	NEAR SOUTH COAST OF FRANCE. MD 2.5 (STR).
	18	17	48	15.5?	16.05	N	60.44	W	33	N		0.3	6	LEEWARD ISLANDS. ML 2.5 (FDF).
	18	17	49	39.3%	38.160	N	15.137	E	10	G		1.2	7	SICILY
	18	17	56	38.0	40.711	N	26.146	E	5	G		1.5	18	TURKEY. MD 3.2 (ISK).
	18	17	56	51.1&	63.289	N	151.535	W	41				38	CENTRAL ALASKA. <AGS-P>. ML 3.0 (PMR).
	18	18	26	11.0%	38.153	N	15.139	E	10	G		1.3	7	SICILY
	18	18	36	19.5?	15.69	N	87.64	W	33	N	4.6	1.5	6	HONDURAS. Felt at Puerto Cortes and San Pedro Sula.
	18	20	26	39.8	42.856	N	17.910	E	10	G		1.2	50	ADRIATIC SEA. MD 4.0 (TRI).
	18	21	01	24.3	44.740	N	7.316	E	10	G		0.8	13	NORTHERN ITALY. ML 2.2 (GEN), 1.9 (LDG).
	18	21	06	50.4&	37.532	N	118.802	W	2				13	CALIFORNIA-NEVADA BORDER REGION. <BRK>. ML 3.0 (BRK).
	18	21	24	02.3*	5.045	N	82.235	W	33	N	4.4	1.0	17	SOUTH OF PANAMA
	18	21	24	18.9	12.128	N	60.534	W	33	N		0.3	13	WINDWARD ISLANDS. ML 3.8 (FDF).
	18	21	31	15.5*	52.754	N	171.048	E	33	N	4.4	0.8	16	NEAR ISLANDS, ALEUTIAN ISLANDS
	18	21	37	33.3*	23.799	N	121.796	E	10	G	4.1	1.5	6	TAIWAN. ML 4.3 (BJI).
	18	21	38	13.1	29.434	S	68.242	W	106		4.6	1.2	53	SAN JUAN PROVINCE, ARGENTINA
	18	22	04	26.5&	61.557	N	147.832	W	36				71	SOUTHERN ALASKA. <AGS-P>. ML 3.5 (PMR).
	18	22	36	51.9?	37.66	N	14.77	E	33	N		1.6	4	SICILY
	18	23	39	04.7	44.399	N	9.354	E	8			0.6	31	NORTHERN ITALY. ML 2.6 (GEN), 2.6 (LDG).
	19	00	08	13.2	23.574	N	121.526	E	10	G	5.1	1.1	48	TAIWAN
a	19	00	20	24.7	23.701	N	121.579	E	10	G	5.2 5.3	1.1	139	TAIWAN. Mo=3.0*10**17 Nm (PPT).
	19	00	39	38.4*	39.721	N	20.586	E	10	G		1.3	5	GREECE-ALBANIA BORDER REGION
	19	01	11	09.2?	40.24	N	20.53	E	10	G		0.6	4	GREECE-ALBANIA BORDER REGION
	19	01	15	43.0*	31.162	N	138.299	E	390	*	4.1	0.6	16	SOUTH OF HONSHU, JAPAN
	19	01	36	46.8%	35.333	N	27.554	E	10	G		0.5	5	DODECANESE ISLANDS
	19	02	11	06.4&	37.990	N	118.645	W	5	G			6	CALIFORNIA-NEVADA BORDER REGION. <BRK>. ML 2.5 (BRK).
	19	03	57	33.9&	61.582	N	150.462	W	50				26	SOUTHERN ALASKA. <AGS-P>.
	19	04	14	49.7*	15.865	N	94.150	W	113	*	3.6	1.4	10	NEAR COAST OF OAXACA, MEXICO. Felt in Oaxaca.
	19	05	27	19.4	41.401	N	21.044	E	10	G		1.3	21	YUGOSLAVIA. ML 3.2 (SKO), 2.9 (TTG). MD 2.8 (THE). Felt (IV) in the Kicevo-Krusovo area.
	19	05	44	38.6*	20.708	S	67.879	W	173	*	4.3	1.6	17	SOUTHERN BOLIVIA
	19	06	16	33.0	24.053	S	66.985	W	181		4.5	0.9	22	SALTA PROVINCE, ARGENTINA
a	19	07	34	22.1	27.369	S	175.497	W	41	D	5.3 5.3	1.0	42	KERMADEC ISLANDS REGION
	19	08	48	04.3*	10.779	S	163.191	E	33	N	5.3	1.2	17	SOLOMON ISLANDS
	19	09	27	28.2*	33.758	N	25.132	E	10	G		1.3	12	EASTERN MEDITERRANEAN SEA
	19	09	46	45.6	38.595	N	28.044	E	10	G	4.4	1.2	82	TURKEY. MD 4.7 (ISK), 4.4 (HLW), 4.2 (THE). ML 4.4 (ATH). Felt in the Aydin area.
	19	09	59	49.1?	39.15	N	27.59	E	10	G		1.0	4	TURKEY. MD 2.5 (ISK).
	19	10	13	51.3&	34.533	N	116.817	W	6	G			2	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS).
	19	10	24	19.1&	62.049	N	150.375	W	54				42	CENTRAL ALASKA. <AGS-P>.
	19	10	33	33.1%	59.799	N	9.033	E	10	G		1.0	5	SOUTHERN NORWAY. MD 2.0 (BER).
	19	10	43	31.1%	39.210	N	27.403	E	10	G		1.2	5	TURKEY. MD 2.6 (ISK).
	19	11	08	43.4	15.832	N	60.810	W	27			0.7	17	LEEWARD ISLANDS. ML 3.6 (FDF).
	19	11	09	10.7&	34.533	N	116.817	W	6	G			3	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	19	11	30	20.0	39.853	N	24.134	E	10	G		1.1	19	AEGEAN SEA. MD 2.9 (THE).
	19	11	51	10.0&	61.747	N	149.814	W	41				35	SOUTHERN ALASKA. <AGS-P>.

	19	12	38	59.1	34.926	N	23.282	E	43		4.6	3.8	1.2	142	CRETE. MD 4.6 (THE), 4.5 (THE), 4.2 (HLW).
a	19	13	48	22.6	52.618	N	160.716	E	22	G	5.9	5.6	1.0	472	OFF EAST COAST OF KAMCHATKA. Ms 5.7 (BRK), 5.3 (PAS). Mo=1.6*10**18 Nm (PPT). Felt (III) at Petropovlovsk-Kamchatskiy. Depth from broadband displacement seismograms.
	19	14	07	58.1*	10.792	N	85.876	W	23	D	4.7	4.9	1.4	25	COSTA RICA. Felt in northern Costa Rica.
	19	15	08	21.0&	60.078	N	152.713	W	104		3.9			86	SOUTHERN ALASKA. <AGS-P>. Felt (II) at Pedro Bay.
	19	15	21	22.5	44.869	N	11.188	E	33	N			1.5	35	NORTHERN ITALY. MD 3.0 (ROM). ML 3.0 (VIE), 3.0 (LDG).
	19	15	43	05.4	40.259	N	19.538	E	10	G	3.9		1.2	87	ALBANIA. ML 4.3 (ATH). MD 3.6 (THE).
	19	16	25	10.4&	35.717	N	120.983	W	6	G				3	CENTRAL CALIFORNIA. <PAS-P>. ML 2.5 (PAS).
	19	16	44	55.0*	23.942	N	121.643	E	10	G	4.4		1.6	22	TAIWAN. ML 4.4 (BJI).
	19	17	01	14.2*	16.768	S	73.160	W	85	*	4.9		1.2	24	NEAR COAST OF PERU. Felt (III) at Arequipa.
	19	17	27	02.5*	8.104	N	73.929	W	91	*	4.5		1.6	16	NORTHERN COLOMBIA. Felt at San Cristobal, Venezuela.
	19	17	53	26.2&	61.683	N	150.327	W	1					45	SOUTHERN ALASKA. <AGS-P>. ML 3.2 (PMR).
	19	18	12	18.5%	33.133	S	70.605	W	80	G			0.5	7	CHILE-ARGENTINA BORDER REGION
	19	18	48	48.2%	39.424	N	15.438	E	33	N			0.3	6	SOUTHERN ITALY
	19	19	04	47.3&	34.530	N	116.820	W	1					9	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.1 (PAS).
	19	20	29	01.8%	61.068	N	4.887	E	10	G			1.6	6	SOUTHERN NORWAY. MD 2.3 (BER).
	19	20	43	35.4	40.732	N	27.502	E	10	G			0.8	13	TURKEY. MD 3.2 (ISK).
	19	20	47	23.5?	40.71	N	27.62	E	10	G			1.2	5	TURKEY. MD 2.1 (ISK).
	19	20	58	36.7?	38.22	N	23.17	E	10	G			0.8	4	GREECE. ML 2.5 (ATH).
	19	22	01	22.1	29.132	S	67.626	W	125	D	4.8		1.5	45	LA RIOJA PROVINCE, ARGENTINA. Felt (IV) at Velazco.
	19	22	10	33.4	51.680	N	16.536	E	10	G			0.1	7	POLAND. ML 3.4 (GRF), 3.4 (VKA).
	19	22	42	08.3?	47.12	N	4.02	E	10	G			0.7	4	FRANCE. ML 1.0 (LDG).
	19	23	00	34.8?	5.84	S	102.26	E	33	N	5.1		1.5	14	SOUTHERN SUMATERA
	19	23	08	40.1	48.060	N	9.257	E	10	G			1.3	17	GERMANY. ML 2.8 (VIE), 2.7 (LDG), 2.6 (FUR), 2.4 (GRF).
a	19	23	38	35.6	23.669	N	121.606	E	10	G	5.3	5.2	1.0	143	TAIWAN
	19	23	48	52.4	23.658	N	121.454	E	10	G	5.1		0.6	38	TAIWAN
	20	00	05	46.3*	23.749	N	121.721	E	10	G	4.9		1.2	21	TAIWAN. ML 4.8 (BJI).
	20	00	16	20.4?	38.90	N	26.70	E	10	G			0.9	4	AEGEAN SEA
	20	00	19	00.9	46.055	N	6.789	E	10	G			1.4	29	SWITZERLAND. ML 2.6 (LDG), 2.5 (GEN). MD 2.6 (STR).
	20	00	56	10.7*	23.844	N	121.683	E	10	G	4.2		0.8	6	TAIWAN. ML 4.3 (BJI).
	20	01	49	56.0*	23.694	N	121.687	E	10	G	4.1		1.4	9	TAIWAN. ML 4.3 (BJI).
	20	02	38	29.5	33.300	S	70.073	W	116	*			0.4	14	CHILE-ARGENTINA BORDER REGION
	20	03	46	32.9	43.124	N	13.446	E	10	G			1.0	9	CENTRAL ITALY. MD 2.3 (SSO).
	20	04	14	09.2	32.438	S	71.491	W	70	?			0.8	18	NEAR COAST OF CENTRAL CHILE
	20	04	21	44.4&	36.670	N	121.337	W	2					14	CENTRAL CALIFORNIA. <BRK>. ML 2.5 (BRK).
	20	05	01	21.8	51.521	N	16.214	E	10	G			0.7	14	POLAND. ML 3.4 (GRF), 2.7 (KRA).
	20	05	18	50.1%	39.204	N	28.032	E	10	G			1.2	8	TURKEY. MD 2.7 (ISK).
	20	05	21	12.9	40.561	N	23.666	E	10	G			0.7	14	GREECE. MD 2.9 (THE).
	20	05	46	49.1*	34.845	N	75.078	E	33	N	4.2		1.5	10	EASTERN KASHMIR
	20	06	13	57.3&	34.517	N	116.817	W	6	G				2	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS).
a	20	07	02	59.3	37.612	N	70.338	E	8	D	5.5	5.1	1.0	248	AFGHANISTAN-USSR BORDER REGION. Felt (V) at Kulyab; (IV) at Garm, Moskovskiy, Obigarm and Yaldymych; (III) at Dushanbe, Kalaikhum, Khorog, Kamarou and Namangan; (II) at Tashkent, USSR.
	20	07	18	49.3	18.011	N	60.571	W	31		4.8		0.9	61	LEEWARD ISLANDS. MD 4.6 (TRN). ML 4.4 (FDF).
	20	08	17	29.6	54.353	N	167.541	E	33	N	4.9	4.3	0.9	35	KOMANDORSKY ISLANDS REGION. ML 4.7 (PMR).
	20	08	34	50.5&	59.903	N	152.214	W	88					33	SOUTHERN ALASKA. <AGS-P>.
	20	13	43	19.5?	35.86	N	71.36	E	238	?	4.1		0.5	9	PAKISTAN
	20	13	48	57.9&	34.540	N	116.810	W	1					8	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.0 (PAS).
	20	13	52	52.1&	34.533	N	116.817	W	6	G				2	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS).
	20	14	04	17.1	39.570	N	86.671	W	10	G			0.9	22	INDIANA. mbLg 3.6 (BLA). Felt (V) at Bainbridge, Danville, Greencastle, Putnamville, Quincy and Roachdale. Felt (IV) at Amo, Clayton, Cloverdale, Coatesville, Eminence, Fillmore, Martinsville, Monrovia, Nashville, Reelsville, Russellville and Stilesville.
	20	14	15	10.9?	42.29	N	13.47	E	10	G			0.6	4	CENTRAL ITALY
	20	14	43	08.1%	41.116	N	28.471	E	10	G			0.5	6	TURKEY. MD 2.3 (ISK).
	20	14	53	35.0	42.847	N	18.680	E	10	G			0.6	10	YUGOSLAVIA. ML 2.5 (TTG).
	20	16	15	53.4&	34.540	N	116.810	W	1					8	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.4 (PAS).
	20	16	50	56.3%	43.225	N	13.360	E	10	G			0.5	7	CENTRAL ITALY
	20	17	04	44.0	28.138	N	82.944	E	67	*	4.8		1.2	25	NEPAL
	20	17	19	25.9?	7.26	S	128.86	E	105	?	4.9		1.0	9	BANDA SEA
	20	17	27	16.0?	32.00	S	69.40	W	130	G			0.5	4	SAN JUAN PROVINCE, ARGENTINA
	20	18	27	17.1	38.753	N	21.260	E	5	G			1.5	7	GREECE. MD 2.9 (ATH).
	20	18	37	44.1*	0.318	S	29.460	E	33	N	4.5	3.4	1.0	10	ZAIRE REPUBLIC. mbLg 4.6 (BUL).
	20	20	35	20.9	33.915	N	47.140	E	33	N	4.2		1.0	10	WESTERN IRAN. Felt at Bakhtaran.
	20	21	03	27.8%	39.299	N	27 549	E	10	G			0.8	5	TURKEY. MD 2.4 (ISK).
	20	21	51	15.9%	16.270	N	61 697	W	10	G			0.4	5	LEEWARD ISLANDS. ML 2.1 (FDF).
	20	22	42	35.8%	39.770	N	29.223	E	10	G			0.6	6	TURKEY. MD 2.4 (ISK).
	20	22	44	47.1?	51.08	S	15.88	E	10	G	4.8		1.6	12	SOUTHWEST OF AFRICA
	20	23	29	51.8&	58.790	N	152.487	W	52		2.7			50	KODIAK ISLAND REGION. <AGS-P>.
	21	00	22	43.0	58.254	N	142.787	W	10	G	4.4		0.8	76	GULF OF ALASKA. ML 4.2 (PMR).
	21	01	29	40.6*	34.942	N	139.441	E	161	*	4.2		0.7	13	NEAR S. COAST OF HONSHU, JAPAN
	21	03	25	49.4*	41.489	N	142.255	E	33	N	4.7		0.7	15	HOKKAIDO, JAPAN REGION
a	21	03	26	43.0	16.626	S	177.556	W	10	G	5.2	5.5	1.1	100	FIJI ISLANDS REGION. Mo=1.6*10**18 Nm (PPT).
	21	04	03	12.6?	20.26	S	177.56	W	559	?	4.5		1.4	14	FIJI ISLANDS REGION
	21	05	12	45.4%	39.490	N	26.369	E	10	G			0.8	6	TURKEY. MD 2.9 (ISK).
a	21	05	29	28.7	20.467	S	174.161	W	13	G	6.1	6.2	1.3	277	TONGA ISLANDS. Ms 6.4 (BBK). Mo=3.0*10**18 Nm (PPT). Depth from broadband displacement seismograms.
	21	06	01	23.0	54.344	N	167.455	E	33	N	4.8		0.9	39	KOMANDORSKY ISLANDS REGION
	21	06	55	27.6&	40.302	N	124.232	W	23					5	NEAR COAST OF NORTHERN CALIF. <BRK>. ML 2.5 (BRK).
a	21	06	57	42.9	41.004	N	22.300	E	13	G	5.8	5.9	1.1	423	YUGOSLAVIA. One person killed, at least 60 injured and damage in the Ednessa-Kilkis area, Greece. Several people injured and some buildings damaged (VII) in the Gevgelija-Strumica area. Felt (VII) at Begorci and Dajran; (VI) at Kovodarci and Strumica; (V) at Bitola, Stip, Berava, Ohrid and Titov Veles; (IV) at Skapje, Gastivar, Tetovo and Kumanava. Felt at Larisa, Greece and Karca, Pagraaeci and Tirana, Albania. Also felt at Mikhailovgrad and Plovdiv and (IV) at Sofia, Bulgaria.

												Felt (III) at Bucharest, Romania. Depth from broadband displacement seismograms.
	21	07	09	49.6&	37.257	N	121.660	W	5		13	CENTRAL CALIFORNIA. <BRK>. ML 2.8 (BRK).
	21	07	19	01.1	40.753	N	22.370	E	10 G	1.1	8	GREECE
	21	07	24	58.6*	41.017	N	22.374	E	10 G	0.3	5	YUGOSLAVIA. ML 3.3 (SKO).
	21	07	34	13.8	40.951	N	22.364	E	10 G	0.6	8	GREECE
	21	07	40	37.0	40.975	N	22.300	E	10 G	1.3	10	GREECE. MD 3.1 (ATH).
	21	07	49	56.5	41.086	N	22.450	E	10 G	0.5	9	YUGOSLAVIA
	21	08	00	56.9	40.959	N	22.380	E	14	3.6	1.2	36	GREECE. ML 3.9 (SKO). MD 3.8 (ATH).
	21	08	12	39.1	40.790	N	22.255	E	10 G	1.0	7	GREECE
	21	08	14	14.5	41.052	N	22.339	E	10 G	0.6	6	YUGOSLAVIA. ML 2.9 (SKO).
	21	08	18	18.4&	34.533	N	116.817	W	6 G		4	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS).
	21	08	20	37.9*	41.039	N	22.451	E	10 G	0.6	5	YUGOSLAVIA. ML 2.9 (SKO).
	21	08	31	39.2	41.053	N	22.430	E	10 G	1.2	9	YUGOSLAVIA
	21	08	35	01.4&	34.533	N	116.817	W	6 G		2	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.6 (PAS).
	21	08	38	48.9*	41.108	N	22.415	E	10 G	0.4	5	YUGOSLAVIA. ML 2.2 (SKO).
	21	08	40	57.2%	38.006	N	14.166	E	10 G	0.8	7	SICILY
	21	08	51	48.5	41.125	N	22.271	E	10 G	1.0	7	YUGOSLAVIA
	21	08	56	11.4*	41.051	N	22.367	E	10 G	0.8	5	YUGOSLAVIA. ML 2.8 (SKO).
	21	09	02	50.4	41.089	N	22.480	E	10 G	0.4	8	YUGOSLAVIA. ML 2.3 (SKO).
	21	09	04	13.6&	34.530	N	116.810	W	1		13	SOUTHERN CALIFORNIA. <PAS-P>. ML 3.2 (PAS).
	21	09	06	40.8	41.088	N	22.406	E	10 G	0.6	8	YUGOSLAVIA. ML 2.5 (SKO).
	21	09	25	56.2	41.063	N	22.403	E	7	1.1	13	YUGOSLAVIA
	21	09	34	43.4	41.055	N	22.407	E	10 G	0.7	15	YUGOSLAVIA
	21	09	40	43.8	40.958	N	22.364	E	10 G	0.4	8	GREECE
	21	09	49	20.4	41.100	N	22.459	E	10 G	0.6	8	YUGOSLAVIA
	21	10	25	39.9	41.098	N	22.475	E	10 G	0.5	7	YUGOSLAVIA. ML 2.1 (SKO).
	21	10	28	10.0	40.960	N	22.355	E	10 G	0.6	16	GREECE. ML 3.1 (SKO).
	21	10	30	29.6*	41.477	N	21.897	E	10 G	1.2	5	YUGOSLAVIA. ML 2.9 (SKO).
	21	10	31	12.7?	14.55	N	61.06	W	33 N	0.2	4	WINDWARD ISLANDS. ML 1.9 (FDF).
	21	10	34	16.0	41.108	N	22.402	E	10 G	0.8	14	YUGOSLAVIA. ML 2.7 (SKO).
	21	10	35	33.5*	51.346	N	179.876	E	33 N	4.3	1.2	20	RAT ISLANDS, ALEUTIAN ISLANDS
	21	10	36	19.4?	31.50	S	69.58	W	33 N	0.5	5	SAN JUAN PROVINCE, ARGENTINA
	21	10	37	42.1	41.055	N	22.374	E	10 G	0.5	10	YUGOSLAVIA. ML 2.9 (SKO).
	21	10	43	13.1?	39.62	N	29.36	E	10 G	0.4	4	TURKEY
	21	10	44	35.8?	39.75	N	29.30	E	10 G	1.6	4	TURKEY
	21	10	46	28.1*	23.790	N	121.542	E	33 N	4.1	0.7	8	TAIWAN
	21	10	58	44.4?	39.84	N	23.83	E	10 G	0.6	5	AEGEAN SEA
	21	11	03	59.9	41.095	N	22.383	E	10	0.7	17	YUGOSLAVIA. MD 3.2 (ATH).
	21	11	10	20.1	41.125	N	22.375	E	10 G	0.7	13	YUGOSLAVIA. ML 2.9 (SKO).
	21	11	28	23.5	41.005	N	22.415	E	14 *	0.4	7	YUGOSLAVIA
	21	11	37	27.8*	6.105	S	142.308	E	33 N	4.2	1.4	10	PAPUA NEW GUINEA
a	21	11	38	18.0	20.597	S	178.574	W	599	5.2	0.8	173	FIJI ISLANDS REGION
	21	11	46	24.8&	61.188	N	151.712	W	75		35	SOUTHERN ALASKA. <AGS-P>.
	21	11	55	30.2	41.015	N	22.421	E	10 G	0.5	6	YUGOSLAVIA. ML 2.5 (SKO).
	21	11	59	35.0	41.077	N	22.417	E	10 G	0.6	6	YUGOSLAVIA. ML 1.9 (SKO).
	21	12	05	01.6	41.064	N	22.481	E	9	0.7	9	YUGOSLAVIA. ML 2.4 (SKO).
	21	12	19	14.9	41.022	N	22.409	E	10	0.9	9	YUGOSLAVIA. ML 2.3 (SKO).
	21	12	28	12.4?	43.40	N	12.83	E	10 G	0.5	4	CENTRAL ITALY
	21	12	35	12.8	40.904	N	22.317	E	12	0.8	12	GREECE. ML 2.3 (SKO).
	21	12	48	01.8	41.069	N	22.461	E	10	0.7	10	YUGOSLAVIA. ML 2.3 (SKO).
a	21	12	55	45.5	18.891	S	177.971	W	457 D	5.3	1.0	170	FIJI ISLANDS REGION
	21	13	09	45.4	40.973	N	22.363	E	10 G	0.6	15	GREECE. ML 3.1 (SKO).
	21	13	12	52.7	39.270	N	19.857	E	55 *	4.3	1.1	70	GREECE-ALBANIA BORDER REGION. MD 4.3 (ATH), 4.0 (TTG).
	21	13	24	43.7?	37.99	N	15.23	E	10 G	0.4	4	SICILY
	21	13	39	51.1	41.099	N	22.419	E	9	0.6	14	YUGOSLAVIA. ML 3.0 (SKO).
	21	13	44	49.0	41.030	N	22.427	E	10 G	0.5	11	YUGOSLAVIA
	21	13	52	53.1	41.052	N	22.401	E	4	1.0	22	YUGOSLAVIA
	21	14	17	41.8	41.028	N	22.431	E	10 G	0.4	11	YUGOSLAVIA. ML 2.8 (SKO).
	21	14	35	34.3	41.014	N	22.402	E	10 G	0.7	8	YUGOSLAVIA
	21	14	55	06.2	41.119	N	22.453	E	10 G	1.0	8	YUGOSLAVIA. ML 2.5 (SKO).
	21	15	04	09.8%	39.108	N	27.614	E	10 G	0.4	6	TURKEY. MD 2.1 (ISK).
	21	15	14	14.2	41.068	N	22.396	E	10 G	0.4	6	YUGOSLAVIA. ML 2.9 (SKO).
	21	15	17	38.9	41.060	N	22.350	E	10 G	0.9	11	YUGOSLAVIA
	21	15	26	40.0	40.923	N	22.311	E	10 G	0.3	8	GREECE. ML 2.5 (SKO).
	21	15	42	10.7	41.110	N	22.447	E	10	0.6	13	YUGOSLAVIA. ML 3.2 (SKO).
	21	15	43	33.7?	51.60	N	176.06	W	33 N	0.5	6	ANDREANOF ISLANDS, ALEUTIAN IS. Felt (IV) on Adak.
	21	15	57	02.9%	31.077	S	117.531	E	10 G	1.1	5	WESTERN AUSTRALIA
	21	16	00	58.2	40.979	N	22.336	E	14	0.5	12	GREECE. ML 2.8 (SKO).
	21	16	03	53.1%	40.465	N	27 890	E	10 G	1.0	6	TURKEY. MD 2.1 (ISK).
	21	16	16	30.1&	34.533	N	116.817	W	6 G		3	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	21	16	19	48.2	41.018	N	22.322	E	10 G	4.6	1.2	77	YUGOSLAVIA. ML 3.9 (ATH), 3.7 (TTG).
	21	16	41	22.2%	41.077	N	22.467	E	10 G	0.3	7	YUGOSLAVIA
	21	17	16	22.9	40.963	N	22.271	E	10 G	1.1	13	GREECE. MD 2.9 (ATH).
	21	17	34	19.0?	36.54	N	71.05	E	170 ?	5.0	0.5	11	AFGHANISTAN-USSR BORDER REGION
	21	17	37	06.8%	41.094	N	22.415	E	10 G	1.3	11	YUGOSLAVIA
	21	17	39	40.7%	41.006	N	22.283	E	10 G	0.5	8	YUGOSLAVIA
	21	17	48	08.9*	41.097	N	22.191	E	10 G	0.8	9	YUGOSLAVIA
	21	17	52	12.1&	34.550	N	116.800	W	6 G		3	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS).
	21	17	55	21.7	41.099	N	22.216	E	10 G	0.8	10	YUGOSLAVIA
	21	17	58	17.6&	58.455	N	142.975	W	10 G		10	GULF OF ALASKA. <AGS-P>.
	21	17	58	22.1&	61.777	N	149.007	W	22		37	SOUTHERN ALASKA. <AGS-P>.
	21	18	09	12.7%	41.127	N	22.416	E	10 G	0.5	7	YUGOSLAVIA
	21	18	14	25.3%	41.081	N	22.432	E	10 G	0.6	8	YUGOSLAVIA
a	21	18	31	43.8	32.696	S	69.647	W	116	5.3	1.0	114	MENDOZA PROVINCE, ARGENTINA. Felt (IV) at Mendoza. Felt (IV) at Santiago, Valparaiso, Salomanca and Vina del Mar, Chile.
	21	18	32	01.5	35.771	N	73.661	E	33 N	4.6	0.6	14	NORTHWESTERN KASHMIR
	21	18	37	14.4	41.034	N	22.380	E	10 G	1.0	17	YUGOSLAVIA. MD 3.5 (ATH).
	21	18	56	25.3%	41.065	N	22.382	E	12 *	0.6	7	YUGOSLAVIA
	21	19	02	22.4	41.016	N	22.363	E	10 G	1.0	10	YUGOSLAVIA
	21	19	10	49.3	41.145	N	22.392	E	10 G	0.8	10	YUGOSLAVIA
	21	19	21	27.5&	34.533	N	116.817	W	6 G		2	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.5 (PAS).

	21	19 33 36.1	41.093	N	22.451	E	10	G			0.9	9	YUGOSLAVIA
	21	19 47 23.2%	41.065	N	22.424	E	10	G			0.7	9	YUGOSLAVIA
	21	19 59 33.1%	41.075	N	22.380	E	10	G			0.6	8	YUGOSLAVIA
	21	20 09 11.8%	41.090	N	22.440	E	10	G			0.5	7	YUGOSLAVIA
	21	20 09 40.2	41.076	N	22.461	E	10	G			0.8	9	YUGOSLAVIA
	21	20 09 46.6%	40.938	N	22.473	E	10	G			0.3	8	GREECE
	21	20 19 13.1	38.739	N	27.510	E	10	G			1.3	11	TURKEY. MD 3.2 (ISK).
	21	20 24 34.7%	41.046	N	22.522	E	10	G			0.4	7	YUGOSLAVIA
	21	20 25 14.1?	40.96	N	22.46	E	10	G			0.2	4	GREECE
	21	20 29 29.4	38.710	N	27.650	E	10	G			0.8	7	TURKEY. MD 2.8 (ISK).
a	21	20 34 43.3	20.296	N	45.702	W	10	G	5.1	4.6	0.9	94	NORTH ATLANTIC RIDGE
	21	20 42 14.1%	41.059	N	22.496	E	10	G			0.5	7	YUGOSLAVIA
	21	20 44 49.6	13.298	N	89.134	W	79		4.5		1.5	23	EL SALVADOR. Felt (III) at San Salvador.
	21	20 47 29.9%	41.040	N	22.375	E	9	*			0.8	8	YUGOSLAVIA
	21	21 04 47.1	40.957	N	22.350	E	10	G			0.9	24	GREECE. MD 3.5 (ATH).
	21	21 25 19.4%	41.000	N	22.491	E	10	G			0.9	9	YUGOSLAVIA
	21	21 31 08.1%	41.098	N	22.446	E	14				0.3	8	YUGOSLAVIA
	21	21 37 40.4&	65.438	N	149.921	W	38					13	ALASKA. <AGS-P>.
	21	21 40 06.1%	41.046	N	22.434	E	10	G			0.3	7	YUGOSLAVIA
	21	22 18 36.9%	41.059	N	22.396	E	9	*			0.8	7	YUGOSLAVIA
	21	22 25 42.9%	41.055	N	22.394	E	10	G			0.7	10	YUGOSLAVIA
	21	22 34 19.1	38.118	N	20.397	E	10	G			1.2	20	GREECE
	21	22 42 44.2?	39.63	N	27.76	E	10	G			0.9	5	TURKEY
	21	22 44 55.1%	40.005	N	29.563	E	10	G			0.6	6	TURKEY. MD 2.3 (ISK).
	21	22 48 04.0?	45.38	N	15.36	E	5	G			0.8	4	YUGOSLAVIA. MD 2.8 (LJU).
	21	23 03 00.3%	41.025	N	22.445	E	10	G			0.5	8	YUGOSLAVIA
	21	23 17 18.5%	41.151	N	22.439	E	10	G			0.9	8	YUGOSLAVIA
	21	23 19 41.8%	41.080	N	22.475	E	10	G			0.6	8	YUGOSLAVIA
	21	23 50 29.2%	41.044	N	22.450	E	10	G			0.2	7	YUGOSLAVIA
	21	23 58 52.9?	44.18	N	148.58	E	33	N	4.9		1.2	14	KURIL ISLANDS
	21	23 59 05.1	41.012	N	22.301	E	10	G			0.5	10	YUGOSLAVIA
	22	00 09 36.5%	40.994	N	22.503	E	10	G			1.0	7	GREECE
	22	00 16 29.6	40.819	N	27.530	E	10	G			0.7	13	TURKEY. MD 3.0 (ISK).
	22	00 26 26.6	40.951	N	22.431	E	10	G			1.2	18	GREECE. MD 3.0 (ATH).
	22	00 28 51.3*	32.080	S	71.357	W	33	N			0.5	12	NEAR COAST OF CENTRAL CHILE
	22	00 35 53.2?	40.94	N	22.42	E	10	G			1.1	4	GREECE
	22	00 48 17.0%	40.997	N	22.425	E	10	G			0.4	8	GREECE
	22	00 50 08.1?	41.35	N	21.66	E	10	G			0.8	5	YUGOSLAVIA
	22	00 55 55.9?	40.97	N	22.38	E	10	G			0.9	4	GREECE
	22	01 26 09.3&	61.632	N	142.143	W	68		3.5			26	SOUTHERN ALASKA. <AGS-P>.
	22	02 03 47.1%	41.122	N	22.371	E	10	G			0.9	8	YUGOSLAVIA
	22	02 11 13.0%	40.932	N	22.405	E	10	G			0.5	8	GREECE
	22	02 15 31.0?	34.45	S	70.44	W	131	?			0.2	11	CHILE-ARGENTINA BORDER REGION
	22	02 48 53.5%	41.053	N	22.370	E	10	G			0.6	7	YUGOSLAVIA
	22	02 49 23.1?	41.06	N	22.44	E	10	G			0.5	4	YUGOSLAVIA
	22	02 51 28.3?	40.99	N	22.50	E	10	G			0.4	4	GREECE
	22	02 55 59.9%	41 050	N	22.473	E	10	G			0.6	7	YUGOSLAVIA
	22	03 05 49.9%	41.038	N	22.425	E	12				0.4	8	YUGOSLAVIA
	22	03 05 58.8	41.107	N	22.378	E	11				0.6	10	YUGOSLAVIA
	22	03 14 24.4&	46.799	N	119.992	W	3					81	WASHINGTON. <SEA>. CL 3.4 (SEA).
	22	03 20 20.0%	40.916	N	22.429	E	10	G			0.6	7	GREECE
	22	03 20 32.1%	40.952	N	22.320	E	14	*			0.8	8	GREECE
	22	03 35 36.7%	41.101	N	22.354	E	6				0.6	10	YUGOSLAVIA
	22	03 38 36.7	41.063	N	22.435	E	10	G			0.9	11	YUGOSLAVIA
	22	03 39 43.4	41.096	N	22.428	E	10	G			0.6	11	YUGOSLAVIA. MD 2.9 (ATH).
	22	04 27 24.7	41.096	N	22.402	E	10	G			1.0	12	YUGOSLAVIA
	22	04 28 52.7	41.082	N	22.411	E	10	G			0.7	18	YUGOSLAVIA. MD 3.3 (ATH).
	22	04 40 52.9	41.158	N	22.445	E	10	G			0.8	10	YUGOSLAVIA
	22	04 43 11.0%	41.104	N	22.434	E	10	G			0.3	7	YUGOSLAVIA
	22	05 01 17.5%	41.032	N	22.388	E	10	G			0.4	5	YUGOSLAVIA
	22	05 02 28.4	41.032	N	22.340	E	10	G			0.7	10	YUGOSLAVIA
	22	05 30 46.3%	41.081	N	22.460	E	10	G			0.5	8	YUGOSLAVIA
	22	05 32 32.6?	40.97	N	22.35	E	10	G			0.4	4	GREECE
	22	05 58 57.7*	41.007	N	22.297	E	10	G			0.5	6	YUGOSLAVIA
	22	06 04 07.3&	34.550	N	116.800	W	6	G				2	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.5 (PAS).
	22	06 15 13.9	41.053	N	22.346	E	10	G			0.8	15	YUGOSLAVIA. MD 2.7 (ATH).
	22	06 15 16.0?	36.74	N	3.42	W	10	G			0.4	4	STRAIT OF GIBRALTAR
	22	06 34 23.3&	37.963	N	122.060	W	5					10	CENTRAL CALIFORNIA. <BRK>. ML 2.5 (BRK). Mo=7.9*10**12 Nm (BRK). Felt at Pleasant Hill and Walnut Creek.
	22	06 52 53.3	41.087	N	22.258	E	10	G			0.7	10	YUGOSLAVIA
	22	06 56 02.4*	43.611	N	127.392	W	10	G	2.8		0.2	33	OFF COAST OF OREGON
	22	06 56 21.4%	41.052	N	22.489	E	8				0.4	8	YUGOSLAVIA
	22	07 37 10.4*	37.462	S	47.991	E	10	G	4.5		1.6	13	ATLANTIC-INDIAN RISE
	22	07 54 15.9&	34.533	N	116.817	W	6	G				2	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS).
	22	08 16 56.3*	40.986	N	22.370	E	10	G			0.8	8	GREECE
	22	09 07 48.2?	36.99	N	29.50	E	10	G			0.2	4	TURKEY
	22	09 08 08.1%	41.096	N	22.444	E	10	G			0.4	8	YUGOSLAVIA
	22	09 15 03.5&	48.172	N	122.733	W	53					69	WASHINGTON. <SEA>. CL 2.7 (SEA).
	22	09 37 34.4	41.071	N	22.357	E	10	G			0.6	11	YUGOSLAVIA
	22	09 43 46.2%	39.002	N	16.025	E	10	G			0.4	5	SOUTHERN ITALY
	22	09 49 39.9%	39.053	N	26.270	E	10	G			0.8	6	TURKEY. MD 2.8 (ISK).
	22	09 54 12.6%	41.060	N	22.401	E	10	G			0.4	7	YUGOSLAVIA
	22	10 07 13.9%	39.076	N	27.600	E	10	G			0.2	5	TURKEY
	22	10 37 35.9	41.087	N	22.420	E	10	G			0.5	10	YUGOSLAVIA
	22	11 11 31.3%	41.055	N	22.376	E	10	G			0.7	8	YUGOSLAVIA
	22	12 00 56.9%	41.109	N	22.424	E	10	G			0.7	8	YUGOSLAVIA
	22	12 53 52.4%	39.170	N	27.954	E	10	G			1.3	6	TURKEY. MD 2.4 (ISK).
	22	13 14 16.5?	40.62	N	22.92	E	10	G			0.4	4	GREECE
	22	13 24 36.0	40.969	N	22.327	E	10	G			0.6	11	GREECE. MD 2.9 (ATH).
	22	13 32 16.3	41.098	N	22.412	E	10	G			0.8	10	YUGOSLAVIA
	22	13 42 25.6%	40.922	N	22.346	E	10	G			0.3	7	GREECE
	22	13 48 41.2	41.082	N	22.383	E	10	G			0.7	12	YUGOSLAVIA
	22	13 58 16.1*	29.296	N	51.295	E	33	N	3.9		1.5	8	SOUTHERN IRAN

	22	14	11	22.5%	40.723	N	29.687	E	10	G		0.4	5	TURKEY. MD 2.2 (ISK).
	22	14	42	08.7%	44.061	N	10.781	E	10	G		1.1	5	NORTHERN ITALY
	22	14	57	46.8?	15.66	N	60.60	W	33	N		0.3	6	LEEWARD ISLANDS. ML 2.4 (FDF).
	22	15	06	03.0	45.984	N	15.515	E	10	G		0.7	8	YUGOSLAVIA. ML 2.7 (KBA), 2.4 (ZAG).
	22	15	47	32.7%	41.146	N	22.368	E	10	G		1.1	8	YUGOSLAVIA
	22	15	54	38.2%	41.018	N	22.515	E	10	G		0.7	6	YUGOSLAVIA
	22	15	56	58.2&	34.533	N	116.817	W	6	G			3	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.9 (PAS).
	22	16	28	20.0	41.088	N	22.398	E	10	G		0.8	11	YUGOSLAVIA
	22	16	32	10.7	8.603	N	122.541	E	62	*	4.9	0.9	53	MINDANAO, PHILIPPINE ISLANDS
	22	16	34	29.7%	41.069	N	22.413	E	10	G		0.6	7	YUGOSLAVIA
	22	16	39	00.1	39.325	N	20.351	E	10	G		1.3	8	GREECE-ALBANIA BORDER REGION
	22	16	49	52.8%	41.067	N	22.456	E	10	G		0.3	7	YUGOSLAVIA
	22	17	18	39.5?	43.59	N	11.46	E	10	G		0.1	4	CENTRAL ITALY
a	22	17	27	54.8	9.869	N	84.302	W	17		5.3 5.7	0.9	188	COSTA RICA. Ms 6.1 (BRK). One person killed at Alajuela, one person died of a heart attack and about 350 people injured in central Costa Rica. Damage (VIII) at Santiago de Puriscal, (VII) at Alajuela and (VI) at Heredia and San Jose. Felt (VII) at Naranjo, Grecia and Alosta; (VI) at San Ramon, (V) at Cartago, Puntarenas and Paraiso, (IV) at San Isidro del General and Turrialba; (III) at La Fortuna de San Carlos, Canos and Siquirres; (II) at Sixaola, Los Chiles, Limon, Barra del Colorado, Liberia and Golfito. Felt throughout Costa Rica and in western Panama.
	22	17	49	11.5%	41.043	N	22.492	E	10	G		0.6	8	YUGOSLAVIA
	22	18	09	52.2	38.194	N	23.123	E	10	G		0.9	7	GREECE. ML 2.7 (ATH).
	22	18	18	51.7	18.767	N	145.527	E	198	?	5.0	1.0	91	MARIANA ISLANDS
	22	18	38	51.0*	4.754	N	125.965	E	33	N	4.5	1.1	14	TALAUD ISLANDS
	22	18	39	05.0%	41.114	N	22.445	E	12			0.4	8	YUGOSLAVIA
	22	18	58	03.6%	40.322	N	29.538	E	10	G		0.8	7	TURKEY. MD 2.4 (ISK).
a	22	19	01	41.8	14.948	S	168.036	E	27	G	5.8 5.4	0.9	259	VANUATU ISLANDS. Depth from broadband displacement seismograms.
	22	19	13	18.9%	41.172	N	22.386	E	10	G		0.6	8	YUGOSLAVIA
	22	19	34	34.8%	41.005	N	22.333	E	10			0.6	8	YUGOSLAVIA
	22	19	44	19.7%	39.877	N	28.941	E	10	G		1.2	9	TURKEY. MD 2.4 (ISK).
	22	19	44	36.5%	41.171	N	22.385	E	10	G		0.6	8	YUGOSLAVIA
	22	20	04	00.6	11.654	N	62.269	W	144		4.8	0.9	167	WINDWARD ISLANDS. MD 5.2 (TRN).
	22	20	19	33.6%	41.135	N	22.386	E	10	G		0.3	6	YUGOSLAVIA
	22	20	26	08.5%	41.137	N	22.402	E	10	G		0.6	7	YUGOSLAVIA
	22	20	45	12.8&	60.172	N	140.783	W	0				14	SOUTHEASTERN ALASKA. <AGS-P>.
	22	20	48	41.9*	18.480	S	176 392	W	33	N	5.0 4.9	0.8	47	FIJI ISLANDS REGION
	22	21	36	18.6&	34.533	N	116.817	W	6	G			2	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS).
	22	22	25	28.1?	33.74	S	118.09	E	10	G		0.7	4	WESTERN AUSTRALIA
	22	22	40	06.1%	39.403	N	15.300	E	10	G		0.5	8	SOUTHERN ITALY
	22	22	40	46.0	41.085	N	22.420	E	10	G		1.0	25	YUGOSLAVIA. MD 3 6 (ATH).
	22	22	43	47.4%	40.632	N	30.185	E	10	G		1.0	8	TURKEY. MD 2.4 (ISK).
	22	22	53	21.8	41.035	N	22.452	E	14			0.9	18	YUGOSLAVIA. MD 2.8 (ATH).
	22	22	56	56.3%	41.016	N	22.419	E	10	G		0.4	7	YUGOSLAVIA
	22	23	09	03.1%	41.105	N	22.432	E	10	G		0.5	7	YUGOSLAVIA
	22	23	12	26.8	40.968	N	22.315	E	10			0.5	10	GREECE
	22	23	23	17.0%	41.105	N	22.419	E	10	G		0.6	8	YUGOSLAVIA
	22	23	25	28.6	28.985	N	51.375	E	38	*	4.8	1.1	71	SOUTHERN IRAN
	22	23	29	45.5&	59.959	N	153.032	W	104		4.2		53	SOUTHERN ALASKA. <AGS-P>.
	22	23	46	15.4	41.108	N	22.407	E	10	G		0.6	12	YUGOSLAVIA. MD 2.7 (ATH).
	22	23	57	08.8%	40.987	N	22.318	E	10	G		0.8	8	GREECE
	23	00	19	16.5	41.037	N	22.333	E	10	G		1.0	14	YUGOSLAVIA
	23	00	21	36.9?	35.66	N	78.47	E	33	N	4.1	0.5	8	EASTERN KASHMIR
	23	00	38	43.5%	41.101	N	22.473	E	10	G		0.4	7	YUGOSLAVIA
	23	00	46	28.2%	41.119	N	22.381	E	10	G		0.6	8	YUGOSLAVIA
	23	00	58	51.0?	44.60	N	6.84	E	10	G		0.4	4	FRANCE. ML 1.9 (GEN).
	23	01	05	02.8	41.018	N	22.497	E	10	G		1.2	22	YUGOSLAVIA. MD 3.1 (THE).
a	23	01	11	25.2	1.093	N	124.146	E	50	*	5.4 4.6	1.2	51	MINAHASSA PENINSULA
	23	01	11	50.0%	41.126	N	22.426	E	10	G		0.7	8	YUGOSLAVIA
	23	01	13	35.1%	40.989	N	22.435	E	10	G		1.5	5	GREECE
	23	01	20	42.4%	41.118	N	22.431	E	10	G		0.6	8	YUGOSLAVIA
	23	01	31	03.7%	41.115	N	22.386	E	10	G		0.7	8	YUGOSLAVIA
	23	01	43	22.5*	28.842	S	71.934	W	10	G		0.7	10	NEAR COAST OF CENTRAL CHILE
	23	01	50	58.4%	41.125	N	22.383	E	10	G		0.6	8	YUGOSLAVIA
	23	01	57	59.0?	44.51	N	7.50	E	10	G		0.6	4	NORTHERN ITALY
	23	02	25	09.7%	41.168	N	22.372	E	10	G		0.5	7	YUGOSLAVIA
	23	02	37	17.0%	41.143	N	22.428	E	10	G		0.6	8	YUGOSLAVIA
	23	02	45	13.4&	58.269	N	156.088	W	149				67	ALASKA PENINSULA. <AGS-P>.
	23	02	46	01.8%	41.102	N	22.391	E	10	G		0.5	7	YUGOSLAVIA
	23	03	04	06.8%	41.125	N	22.448	E	10	G		0.3	7	YUGOSLAVIA
	23	03	06	41.7	46.304	N	13.298	E	10	G		1.2	13	AUSTRIA. ML 2.5 (VIE). MD 2.5 (LJU).
	23	04	05	28.5%	41.136	N	22.366	E	10	G		0.9	8	YUGOSLAVIA
	23	04	23	05.7%	41.057	N	22.406	E	10	G		0.5	6	YUGOSLAVIA
	23	05	17	26.3%	41.106	N	22.391	E	10	G		0.4	7	YUGOSLAVIA
	23	05	36	16.2&	36.828	N	121.553	W	2				12	CENTRAL CALIFORNIA. <BRK>. ML 2.5 (BRK).
	23	05	42	14.3%	41.041	N	22.434	E	10	G		0.3	7	YUGOSLAVIA
	23	05	45	04.5&	36.828	N	121.557	W	1				16	CENTRAL CALIFORNIA. <BRK>. ML 3.1 (BRK). Possibly a double shock about 2.5 seconds apart (BRK).
	23	05	47	21.1%	41.134	N	22.378	E	10	G		0.8	8	YUGOSLAVIA
	23	05	49	54.8%	41.109	N	22.400	E	10	G		0.3	6	YUGOSLAVIA
	23	06	08	13.4?	30.50	N	14.98	W	10	G		0.3	4	CANARY ISLANDS REGION. MD 3.5 (MDD).
	23	06	35	30.0%	41.090	N	22.390	E	10	G		0.6	8	YUGOSLAVIA
	23	07	46	53.3	41.123	N	22.475	E	10	G		0.4	7	YUGOSLAVIA
	23	09	09	16.8%	41.100	N	22.480	E	10	G		0.6	7	YUGOSLAVIA
	23	09	41	14.1%	41.082	N	22.474	E	10	G		0.4	7	YUGOSLAVIA
	23	09	57	11.9?	39.11	N	27.66	E	10	G		0.0	4	TURKEY. MD 2.2 (ISK).
	23	10	04	36.3%	41.022	N	22.385	E	10	G		0.4	8	YUGOSLAVIA
	23	10	18	43.9	36.750	N	26.618	E	10	G		0.7	6	DODECANESE ISLANDS
	23	10	29	52.3%	41.124	N	22.432	E	10	G		0.5	7	YUGOSLAVIA

	23	10	39	32.2%	41.113	N	22.396	E	10	G		0.8	8	YUGOSLAVIA
	23	12	46	39.3	41.029	N	22.509	E	10	G		1.3	13	YUGOSLAVIA
	23	13	29	01.2%	41.125	N	22.431	E	10	G		0.6	7	YUGOSLAVIA
	23	13	53	26.0%	16.087	N	61.100	W	34	?		0.1	7	LEEWARD ISLANDS. ML 1.9 (FDF).
	23	14	12	10.5?	39.10	N	27.57	E	10	G		0.3	4	TURKEY. MD 2.5 (ISK).
	23	14	22	11.2%	41.039	N	22.419	E	12			0.5	8	YUGOSLAVIA
	23	14	43	30.7*	10.886	S	166.357	E	168	*	4.8	1.2	29	SANTA CRUZ ISLANDS
	23	15	02	03.7?	34.18	S	71.85	W	33	N		0.7	15	NEAR COAST OF CENTRAL CHILE
	23	15	56	51.0	41.059	N	22.463	E	10			0.9	10	YUGOSLAVIA
	23	16	08	31.3	41.055	N	22.440	E	10	G		1.1	9	YUGOSLAVIA
	23	16	19	36.3%	41.063	N	22.500	E	10	G		0.5	7	YUGOSLAVIA
	23	16	34	50.2%	39.621	N	26.215	E	10	G		0.3	8	TURKEY. MD 3.6 (ISK).
	23	16	39	16.5*	49.231	S	30.493	E	10	G	5.1 4.4	1.3	30	SOUTH OF AFRICA
	23	17	06	08.6*	31.912	S	71.670	W	27			0.9	12	NEAR COAST OF CENTRAL CHILE
	23	17	48	40.4	15.182	S	167.386	E	143		5.6	1.1	224	VANUATU ISLANDS
	23	18	35	53.1*	18.221	S	178.314	E	24			0.3	9	FIJI ISLANDS. MD 3.8 (SVA). Felt (V) at Navua, (IV) at Suva and (III) at Nausori.
	23	19	13	35.6	45.881	N	14.929	E	10	G		0.5	6	YUGOSLAVIA. MD 2.5 (TRI), 2.2 (LJU).
	23	19	16	39.7	38.813	N	16.094	E	10	G		1.3	13	SOUTHERN ITALY
	23	20	28	58.6	40.046	N	27.635	E	10	G		1.8	5	TURKEY. MD 3.1 (ISK).
	23	20	47	47.8	19.541	S	67.823	W	216	*	4.4	0.5	9	SOUTHERN BOLIVIA
	23	20	54	09.4%	41.095	N	22.407	E	10	G		0.4	6	YUGOSLAVIA
o	23	21	03	03.7	0.656	S	127.387	E	32	*	5.6 4.9	1.1	103	HALMAHERA
	23	21	25	48.4*	25.100	N	101.623	E	33	N	4.5	1.2	14	YUNNAN PROVINCE, CHINA
	23	21	28	50.7*	42.115	N	44.356	E	33	N	4.1	1.3	10	WESTERN CAUCASUS
	23	21	39	45.9	41.006	N	22.476	E	10	G		1.1	10	YUGOSLAVIA
	23	21	55	08.0%	41.062	N	22.454	E	10	G		0.3	6	YUGOSLAVIA
	23	22	40	11.1	41.029	N	22.492	E	10	G		1.0	9	YUGOSLAVIA
	23	23	14	52.1%	41.106	N	22.476	E	10	G		1.1	7	YUGOSLAVIA
	23	23	26	33.6%	15.044	N	60.507	W	33	N		0.2	10	LEEWARD ISLANDS. ML 2.9 (FDF).
	24	00	47	53.2%	41.106	N	22.451	E	10	G		0.6	7	YUGOSLAVIA
	24	01	02	15.1%	41.107	N	22.451	E	10	G		0.7	7	YUGOSLAVIA
	24	01	42	10.6&	63.030	N	149.464	W	85				33	CENTRAL ALASKA. <AGS-P>.
	24	02	06	41.9*	36.278	N	32.512	E	33	N		1.6	8	TURKEY
	24	02	34	05.0	41.104	N	22.464	E	9		3.7	1.1	59	YUGOSLAVIA. ML 4.0 (ATH).
	24	02	54	16.5	44.778	N	111.203	W	5	G	3.1	0.8	19	HEBGEN LAKE REGION. ML 4.0 (BUT). Felt (II) at West Yellowstone, Montana.
	24	02	57	49.6	44.773	N	111.233	W	5	G		0.4	10	HEBGEN LAKE REGION. ML 3.1 (BUT).
	24	03	08	36.0%	41.053	N	22.494	E	10	G		0.4	6	YUGOSLAVIA
	24	03	20	45.2	44.794	N	111.270	W	5	G		0.5	12	HEBGEN LAKE REGION. ML 3.0 (BUT).
	24	03	21	56.7%	41.126	N	22.437	E	10	G		0.5	7	YUGOSLAVIA
	24	04	05	40.5&	60.768	N	151.445	W	65				47	KENAI PENINSULA, ALASKA. <AGS-P>.
	24	04	13	20.0	44.782	N	111.263	W	5	G		0.6	11	HEBGEN LAKE REGION. ML 3.4 (BUT).
	24	04	16	02.9	44.773	N	111.253	W	5	G		0.4	10	HEBGEN LAKE REGION. ML 3.2 (BUT).
	24	04	20	50.6	44.769	N	111.249	W	5	G		0.5	11	HEBGEN LAKE REGION. ML 3.1 (BUT).
	24	04	21	22.7?	55.79	S	27.16	W	33	N	5.0	1.5	10	SOUTH SANOWICH ISLANDS REGION
	24	04	23	34.4&	60.050	N	153.169	W	131		3.4		71	SOUTHERN ALASKA. <AGS-P>.
	24	04	55	21.6*	7.921	S	108.787	E	46	?	4.9	1.1	27	JAVA
	24	05	47	16.1&	33.267	N	115.667	W	6	G			3	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.5 (PAS).
	24	06	31	57.9*	38.855	N	26.649	E	10	G		1.5	6	AEGEAN SEA
	24	06	32	08.2&	39.491	N	111.062	W	10		3.1		9	UTAH. <SLC-P>. ML 2.8 (SLC).
	24	07	05	02.4	29.146	N	51.299	E	33	N	4.0	1.1	13	SOUTHERN IRAN
	24	08	17	35.9?	11.97	N	59.18	W	33	N	3.3	0.4	12	NORTH ATLANTIC OCEAN. MD 3.8 (TRN).
o	24	08	22	46.3	19.253	S	173.499	W	31	D	5.3 5.1	1.4	67	TONGA ISLANDS. Mo=4.0*10**17 Nm (PPT).
	24	08	36	21.4%	44.232	N	7.420	E	10	G		0.8	6	NORTHERN ITALY. ML 1.8 (GEN).
	24	08	41	20.3%	46.235	N	2.761	E	10	G		0.9	5	FRANCE. ML 1.6 (LDG).
	24	09	32	52.2	54.019	N	164.337	W	53		4.8	0.9	50	UNIMAK ISLAND REGION
	24	09	56	51.3*	26.793	S	26.709	E	10	G		1.2	8	REPUBLIC OF SOUTH AFRICA. mbLg 3.8 (BUL).
	24	10	00	43.2?	14.73	N	60.92	W	10	G		0.5	4	WINDWARD ISLANDS. ML 2.5 (FDF).
	24	10	11	21.2?	39.10	N	27.55	E	10	G		0.1	4	TURKEY. MD 2.2 (ISK).
a	24	10	12	13.0	5.376	S	151.490	E	53	D	5.7	0.9	261	NEW BRITAIN REGION. Ms 6.0 (BRK). Mo=3.0*10**17 Nm (PPT). Felt (IV) at Robaul.
	24	10	23	46.0*	9.817	N	59.810	W	21		4.3	0.7	15	NORTH ATLANTIC OCEAN
	24	11	09	15.1%	38.756	N	27.503	E	10	G		1.3	7	TURKEY. MD 2.9 (ISK).
	24	11	19	14.1?	38.53	N	27.85	E	10	G		1.5	4	TURKEY. MD 2.5 (ISK).
	24	11	23	46.4&	37.397	N	121.758	W	2				13	CENTRAL CALIFORNIA. <BRK>. ML 2.5 (BRK).
	24	12	25	30.0?	16.53	S	69.44	W	214	?	4.2	0.3	6	PERU-BOLIVIA BORDER REGION
	24	12	37	40.1	39.738	N	143.075	E	44	*	4.9	1.2	62	OFF EAST COAST OF HONSHU, JAPAN
	24	13	39	02.9	41.032	N	22.374	E	10	G		1.0	11	YUGOSLAVIA
	24	13	46	45.0	41.035	N	22.384	E	10			0.7	9	YUGOSLAVIA
	24	13	46	51.0%	37.258	N	15.329	E	10	G		0.7	7	SICILY
	24	14	51	01.4	35.117	N	23.466	E	63		4.3	1.0	41	CRETE
	24	14	52	31.2?	52.99	S	22.44	E	10	G	4.8 4.5	1.2	19	SOUTH OF AFRICA
	24	15	09	39.0?	40.69	N	30.64	E	10	G		0.6	6	TURKEY. MD 2.5 (ISK).
	24	15	59	40.9?	53.07	S	22.24	E	10	G	4.9	1.2	10	SOUTH OF AFRICA
	24	16	26	27.2	21.026	S	11.485	W	10	G	4.9 4.5	0.9	34	SOUTH ATLANTIC RIDGE
	24	16	35	47.7%	43.081	N	0.401	W	10	G		0.3	7	PYRENEES. ML 1.0 (STR).
a	24	16	40	12.6	21.013	S	11.595	W	10	G	5.2 4.8	1.0	70	SOUTH ATLANTIC RIDGE
	24	19	03	40.2*	38.672	N	26.737	E	10	G		0.6	7	AEGEAN SEA. MD 3.1 (ISK).
o	24	19	15	46.8	5.643	S	146.381	E	57		5.3	0.9	112	EAST PAPUA NEW GUINEA REGION
	24	21	09	03.3	41.921	N	142.347	E	71		5.0	1.0	104	HOKKAIDO, JAPAN REGION
	24	21	35	45.1%	41.001	N	22.423	E	10	G		0.4	6	YUGOSLAVIA
	24	22	17	22.9*	33.268	S	178.279	W	33	N	5.1	1.2	18	SOUTH OF KERMADEC ISLANDS
	24	22	20	46.7*	33.327	S	179.022	W	33	N	4.6	1.4	9	SOUTH OF KERMADEC ISLANDS
	24	22	27	52.8&	61.687	N	150.748	W	53				34	SOUTHERN ALASKA. <AGS-P>.
	24	22	34	11.4&	61.972	N	148.917	W	15				35	SOUTHERN ALASKA. <AGS-P>.
	24	23	21	36.8*	52.918	S	22.424	E	10	G	4.6	1.2	19	SOUTH OF AFRICA
	24	23	26	09.2%	41.131	N	22.427	E	10	G		0.5	7	YUGOSLAVIA
	24	23	46	01.6%	41.123	N	22.433	E	10	G		0.6	8	YUGOSLAVIA
	25	00	32	16.6?	21.34	S	67.58	W	167	*	3.8	0.6	6	CHILE-BOLIVIA BORDER REGION
	25	00	51	11.6?	34.00	N	137.06	E	362	*	3.8	0.6	11	NEAR S COAST OF HONSHU, JAPAN
o	25	01	06	54.8	12.156	N	93.644	E	33	N	5.1 4.9	1.1	108	ANDAMAN ISLANDS REGION
	25	01	29	44.0%	41.051	N	22.353	E	10	G		0.4	6	YUGOSLAVIA

	25	01	57	37.3&	60.005	N	151.530	W	61			53	KENAI PENINSULA, ALASKA. <AGS-P>.
	25	01	57	52.6	13.746	N	120.217	E	59 *	4.8	0.9	57	MINDORO, PHILIPPINE ISLANDS. Felt at Manila and Tagaytay, Luzon.
	25	02	02	50.5?	15.09	S	72.70	W	89 ?	3.5	0.3	5	SOUTHERN PERU
	25	02	24	38.6*	16.742	N	99.685	W	33 N	4.2	0.7	14	NEAR COAST OF GUERRERO, MEXICO. Felt at Acapulco.
	25	02	57	30.1%	41.045	N	22.359	E	10 G		0.4	6	YUGOSLAVIA
	25	03	56	46.1	33.331	N	75.712	E	51 *	5.3	1.0	148	EASTERN KASHMIR. Felt in parts of Himachal Pradesh, India.
	25	04	07	31.7%	38.899	N	28.983	E	10 G		1.3	6	TURKEY. MD 2.7 (ISK).
	25	04	18	21.6%	41.051	N	22.464	E	10 G		0.6	6	YUGOSLAVIA
o	25	07	51	10.3?	40.73	S	85.76	W	10 G	4.7 4.8	1.2	21	WEST CHILE RISE
	25	08	23	18.2%	41.122	N	22.466	E	10 G		0.5	7	YUGOSLAVIA
	25	09	09	27.0%	39.133	N	27.578	E	10 G		0.6	5	TURKEY. MD 2.3 (ISK).
	25	09	18	17.4?	23.86	S	67.02	W	160 G		0.5	6	CHILE-ARGENTINA BORDER REGION
	25	09	46	09.6%	39.168	N	27.640	E	10 G		0.9	5	TURKEY. MD 2.5 (ISK).
	25	09	54	54.7*	23.890	N	121.577	E	33 N	4.4	1.1	23	TAIWAN
	25	10	05	38.8?	15.49	N	98.26	W	33 N		1.1	7	OFF COAST OF GUERRERO, MEXICO. Felt at Acapulco.
	25	10	26	18.6%	40.989	N	22.234	E	10 G		0.4	6	GREECE
	25	10	31	45.5%	40.864	N	22.275	E	10 G		0.5	9	GREECE
	25	10	41	59.7%	41.009	N	22.356	E	10 G		0.6	7	YUGOSLAVIA
	25	10	55	24.3%	41.016	N	22.353	E	10 G		0.6	7	YUGOSLAVIA
	25	11	22	47.7%	40.979	N	22.379	E	10 G		0.6	6	GREECE
	25	11	32	00.5?	0.28	S	77.48	W	10 G		0.6	6	ECUADOR
	25	11	47	37.8%	40.848	N	22.291	E	10 G		0.6	7	GREECE
	25	12	30	13.7	37.230	N	20.925	E	48 *	3.6	1.0	22	IONIAN SEA
	25	13	18	14.9*	24.041	N	121.635	E	33 N	4.3	1.5	13	TAIWAN
	25	13	30	59.3?	36.98	N	29.50	E	10 G		0.3	4	TURKEY. MD 3.3 (ISK).
	25	13	50	55.3?	37.41	N	21.36	E	10 G		1.5	6	SOUTHERN GREECE. MD 4.0 (ATH).
	25	14	01	28.9	49.134	N	6.889	E	7		0.7	13	GERMANY. MD 2.8 (STR).
o	25	14	21	53.2	23.766	N	121.592	E	18 D	5.6 5.7	1.2	164	TAIWAN
	25	14	30	09.3	23.781	N	121.629	E	37 *	5.3	1.1	56	TAIWAN
	25	14	43	12.2	42.569	N	12.733	E	12		0.8	30	CENTRAL ITALY. ML 3.4 (VIE).
	25	14	56	38.2	44.773	N	111 243	W	5 G	3.0	0.6	11	HEBGEN LAKE REGION. ML 3.9 (BUT).
	25	15	18	15.2*	10.647	N	62.510	W	33 N		0.7	14	NEAR COAST OF VENEZUELA. MD 3.7 (TRN).
	25	15	30	24.8*	2.436	N	128.522	E	80 ?	5.0	1.1	15	HALMAHERA
	25	15	32	48.0&	57.618	N	142.699	W	10 G			7	GULF OF ALASKA. <AGS-P>.
	25	18	11	04.2%	44.734	N	8.322	E	10 G		1.0	7	NORTHERN ITALY. ML 2.2 (GEN).
	25	18	44	46.1%	40.967	N	22.332	E	10 G		0.7	7	GREECE
	25	18	56	07.8?	41.87	N	14.01	E	10 G		0.3	4	SOUTHERN ITALY
	25	19	03	37.2	41.064	N	22.499	E	10 G		0.9	13	YUGOSLAVIA
	25	19	23	20.2%	41.095	N	22.463	E	10 G		0.6	8	YUGOSLAVIA
	25	19	27	05.9&	60.278	N	152.195	W	86			40	SOUTHERN ALASKA <AGS-P>.
	25	19	42	21.1	27.828	S	66.963	W	160	4.6	1.4	46	CATAMARCA PROVINCE, ARGENTINA
	25	19	59	19.3*	5.156	S	146.483	E	121 *	4.9	1.1	13	EAST PAPUA NEW GUINEA REGION
	25	19	59	44.1%	37.067	N	4.434	W	10 G		0.8	6	SPAIN. mbLg 2 1 (MDD).
	25	20	09	10.1*	62.635	N	124.111	W	10 G	4.3	1.2	12	NORTHWEST TERRITORIES, CANADA
	25	20	21	25.6	24.871	S	179.783	E	497	5.3	1.0	120	SOUTH OF FIJI ISLANDS
	25	20	24	14.7?	41.07	N	22.38	E	10 G		0.2	4	YUGOSLAVIA. MD 3.2 (ATH).
	25	21	00	30.4%	41.031	N	22.408	E	10 G		0.4	6	YUGOSLAVIA
o	25	22	59	21.0	0.726	S	127.445	E	42 *	5.3 4.4	1.1	58	HALMAHERA
	25	23	14	05.0	37.820	N	101.951	E	33 N	4.7	1.1	24	QINGHAI PROVINCE, CHINA
	25	23	25	33.7%	41.078	N	22.381	E	10 G		0.4	6	YUGOSLAVIA
	26	00	10	35.1?	31.29	S	138.82	E	10 G		0.2	4	SOUTH AUSTRALIA. ML 3.1 (CMS), 3.0 (BFD).
	26	00	20	37.2?	23.98	N	121.55	E	33 N	3.6	1.5	5	TAIWAN
	26	01	24	34.0	48.313	N	153.898	E	88 D	5.0	0.8	157	KURIL ISLANDS
	26	01	33	50.8?	39.14	N	28.04	E	10 G		0.6	4	TURKEY. MD 2.2 (ISK).
	26	01	38	59.4*	21.047	N	145.700	E	33 N	4.8	0.9	20	MARIANA ISLANDS REGION
o	26	01	59	36.3	0.668	S	127.337	E	39 *	5.3 5.0	1.1	51	HALMAHERA
	26	02	12	43.6%	41.027	N	22.379	E	10 G		0.6	7	YUGOSLAVIA
	26	03	35	57.6?	38.80	N	26.62	E	10 G		0.9	4	AEGEAN SEA. MD 3.0 (ISK).
	26	04	36	42.1*	8.229	S	118.651	E	117 ?	5.0	1.1	28	SUMBAWA ISLAND REGION
	26	05	00	28.0?	39.99	N	27.77	E	10 G		0.2	4	TURKEY
	26	05	04	52.3&	61.793	N	148.992	W	18			53	SOUTHERN ALASKA. <AGS-P>. ML 2.9 (PMR). Felt (III) at Palmer.
	26	05	58	30.6	5.136	S	78.303	W	33 N	4.6	1.1	25	NORTHERN PERU
	26	06	52	09.5?	41.00	N	22.30	E	10 G		0.4	5	YUGOSLAVIA
	26	06	55	43.2*	28.808	N	51.386	E	33 N	4.3	1.3	11	SOUTHERN IRAN
	26	07	01	01.2?	33.89	S	70.99	W	62 ?		0.5	7	CHILE-ARGENTINA BORDER REGION. Felt (II) at Santiaga, Chile.
	26	07	18	11.8&	61.755	N	149.947	W	36			42	SOUTHERN ALASKA. <AGS-P>.
	26	07	39	28.7&	59.329	N	152.996	W	96			26	SOUTHERN ALASKA. <AGS-P>.
	26	08	12	28.1	18.927	N	68.162	W	33 N	4.5	1.3	27	MONA PASSAGE
	26	09	12	29.0	39.201	N	24.526	E	10 G		0.8	15	AEGEAN SEA
	26	09	33	07.6	39.158	N	24.479	E	10 G		0.7	8	AEGEAN SEA. MD 3.1 (ATH).
	26	09	53	01.9	46.451	N	8.529	E	10 G		0.7	5	SWITZERLAND
	26	10	12	39.7%	39.168	N	27.590	E	10 G		0.4	5	TURKEY. MD 2.1 (ISK).
	26	10	20	35.0	45.529	N	7.540	E	5 G		1.2	16	NORTHERN ITALY. ML 2.5 (LDG).
	26	10	27	56.0%	39.092	N	27.647	E	10 G		0.1	5	TURKEY. MD 2.1 (ISK).
	26	12	32	40.8&	60.043	N	152.884	W	118			67	SOUTHERN ALASKA <AGS-P>.
	26	13	06	24.8	40.975	N	22.384	E	10		1.1	18	GREECE
	26	14	10	11.2%	36.930	N	29.776	E	10 G		1.0	7	TURKEY. MD 3.4 (ISK).
	26	14	19	46.1	52.637	N	160.987	E	33 N	4.9 4.6	1.0	73	OFF EAST COAST OF KAMCHATKA
	26	14	38	32.4%	39.158	N	27.651	E	10 G		1.0	5	TURKEY. MD 2.2 (ISK).
	26	14	50	57.7	52.736	N	160.903	E	44 D	5.1 4.5	1.2	147	OFF EAST COAST OF KAMCHATKA
	26	15	02	19.2	52.663	N	161.066	E	33 D	5.1	1.2	93	OFF EAST COAST OF KAMCHATKA
	26	15	03	10.5*	31.573	S	68.180	W	17 *	4.9	0.5	6	SAN JUAN PROVINCE, ARGENTINA
o	26	15	31	59.3	52.663	N	160.951	E	34 D	5.3 4.8	1.0	171	OFF EAST COAST OF KAMCHATKA
	26	15	37	21.9?	9.78	S	107.19	E	33 N	4.8	1.4	19	SOUTH OF JAVA
	26	16	13	33.9	40.238	N	28.910	E	10 G		0.5	13	TURKEY. MD 3.0 (ISK).
	26	16	14	55.8&	60.333	N	152.643	W	105			40	SOUTHERN ALASKA. <AGS-P>.
	26	16	17	59.5?	27.39	N	56.59	E	33 N	4.4	1.3	16	SOUTHERN IRAN
	26	16	19	27.8	10.159	N	126.030	E	70 *	4.7	1.1	29	PHILIPPINE ISLANDS REGION
	26	16	26	12.3	0.229	S	99.140	E	74 *	5.0	0.9	44	SOUTHERN SUMATERA

	26	16	46	41.5%	40.990	N	22.459	E	10	G		0.5	6	GREECE
	26	17	38	23.2%	40.035	N	20.878	E	10	G		1.2	6	GREECE-ALBANIA BORDER REGION
	26	19	23	07.1	40.669	N	30.305	E	10	G		1.2	10	TURKEY. MD 2.7 (ISK).
	26	20	09	51.9%	40.971	N	22.409	E	10	G		0.6	6	GREECE
	26	20	52	00.0%	42.554	N	12.696	E	10	G		0.9	7	CENTRAL ITALY
	26	21	59	29.5?	16.30	N	99.65	W	33	N		1.4	6	NEAR COAST OF GUERRERO, MEXICO
	26	22	26	13.9%	37.291	N	15.289	E	10	G		0.9	8	SICILY
	26	22	29	33.6%	37.250	N	15.300	E	10	G		0.9	5	SICILY
	26	22	29	48.4*	20.893	S	68.968	W	134	?	4.5	0.3	6	CHILE-BOLIVIA BORDER REGION
	26	22	47	13.6%	40.255	N	28.887	E	10	G		0.9	9	TURKEY. MD 2.4 (ISK).
	26	23	46	32.2%	40.963	N	22.412	E	10	G		0.3	7	GREECE
	27	02	00	52.7*	37.086	N	141.714	E	28	*		0.9	12	NEAR EAST COAST OF HONSHU, JAPAN
	27	03	05	19.9?	14.68	S	72.62	W	99	?	3.7	1.5	5	PERU
	27	03	09	42.7%	41.016	N	22.315	E	10	G		0.5	7	YUGOSLAVIA
	27	08	36	52.0	51.400	N	176.152	W	33	N	4.9	0.9	48	ANDREANOF ISLANDS, ALEUTIAN IS. Felt (IV) on Adak.
	27	10	14	24.8	19.429	S	177.482	W	581		5.1	1.0	45	FIJI ISLANDS REGION
	27	10	21	39.3%	39.101	N	27.640	E	10	G		0.5	5	TURKEY. MD 2.3 (ISK).
	27	11	08	03.2*	6.275	S	145.872	E	124		4.6	0.6	13	PAPUA NEW GUINEA
	27	12	10	33.7	45.630	N	11.108	E	5	G		0.8	12	NORTHERN ITALY. ML 2.6 (KBA).
	27	12	35	32.9%	40.886	N	22.473	E	10	G		0.7	5	GREECE
	27	12	39	29.0%	39.138	N	27.568	E	10	G		0.5	5	TURKEY. MD 2.5 (ISK).
	27	13	26	57.1	36.539	N	48.907	E	10	G	4.7	0.9	21	NORTHWESTERN IRAN. Felt at Rudbar.
a	27	13	35	10.0	6.873	S	129.542	E	181	G	5.6	0.9	262	BANDA SEA. Depth from broadband displacement seismograms.
	27	13	49	52.4&	36.050	N	119.983	W	6	G			6	CENTRAL CALIFORNIA. <PAS-P>. ML 2.6 (PAS).
	27	14	33	46.4&	48.787	N	122.278	W	0				35	WASHINGTON. <SEA>. CL 2.6 (SEA). Felt (III) at Acme and Everson. Also felt at Brownsville and neor Lake Whatcom.
	27	14	53	58.8%	40.169	N	27.577	E	10	G		1.4	5	TURKEY. MD 2.6 (ISK)
	27	15	13	39.2	41.040	N	22.476	E	10	G		1.4	14	YUGOSLAVIA
	27	15	56	46.6*	14.916	S	167.520	E	143	*	4.9	1.3	18	VANUATU ISLANDS
a	27	16	08	34.6	22.725	S	70.006	W	64	D	5.1	0.9	83	NEAR COAST OF NORTHERN CHILE. Felt (V) at Calama and (IV) at Tocopilla, Mejillanes, Antafagosta, Sierra Garda, Maria Elena and Pedra de Valdivia.
	27	16	10	34.1	54.207	N	160.092	E	106	D	5.1	0.8	156	NEAR EAST COAST OF KAMCHATKA
	27	16	53	06.1%	41.127	N	22.402	E	10	G		0.8	8	YUGOSLAVIA
	27	17	01	21.6?	52.36	N	161.07	E	33	N	5.1	1.4	15	OFF EAST COAST OF KAMCHATKA
	27	17	40	32.2	34.941	N	26.471	E	55		4.4	1.2	70	CRETE. MD 4.3 (ATH), 4.0 (HLW).
	27	17	48	01.8%	41.057	N	22.482	E	10	G		0.7	7	YUGOSLAVIA
	27	17	53	08.2&	59.529	N	152.848	W	92				31	SOUTHERN ALASKA. <AGS-P>.
	27	17	53	13.2%	15.348	N	61.056	W	33	N		0.8	8	LEEWARD ISLANDS. ML 2.5 (FDF).
a	27	18	01	41.7	19.530	S	168.814	E	59		5.2	1.1	137	VANUATU ISLANDS
	27	18	47	33.6%	41.122	N	22.455	E	10	G		0.9	8	YUGOSLAVIA
	27	18	49	54.8%	41.110	N	22.456	E	10	G		0.6	7	YUGOSLAVIA
	27	19	58	58.5%	37.714	N	15.117	E	10			0.7	9	SICILY
	27	20	54	57.7	24.018	S	66.474	W	206		4.5	0.8	36	SALTA PROVINCE, ARGENTINA
	27	21	12	49.3*	4.305	S	102.810	E	137	*	5.3	0.9	14	SOUTHERN SUMATERA
	27	21	17	35.3&	64.776	N	154.135	W	10	G			23	CENTRAL ALASKA. <AGS-P>.
	27	21	57	15.4%	41.129	N	22.411	E	10	G		0.8	8	YUGOSLAVIA
	27	22	13	11.4%	15.027	N	60.595	W	33	N		0.4	9	LEEWARD ISLANDS. ML 2.6 (FDF).
	27	22	25	03.8&	37.472	N	118.887	W	12				11	CALIFORNIA-NEVADA BORDER REGION. <BRK>. ML 2.7 (BRK).
	28	00	11	51.4%	46.051	N	3.045	E	10	G		0.8	8	FRANCE. ML 1.9 (LDG).
	28	00	26	14.9	42.913	N	78.302	E	33	N	4.4	0.4	13	ALMA-ATA REGION
	28	00	44	27.3	41.063	N	22.471	E	10	G		1.2	14	YUGOSLAVIA
	28	01	36	24.0	48.789	N	128.363	W	10	G	4.4	1.0	38	VANCOUVER ISLAND REGION
	28	01	39	24.0&	38.763	N	122.797	W	5				21	NORTHERN CALIFORNIA. <BRK>. ML 3.7 (BRK). Mo=1.1*10**15 Nm (BRK). Felt (IV) at Cobb and Lower Lake.
	28	01	42	35.9	52 609	N	160.987	E	33	N	5.1 4.6	1.1	144	OFF EAST COAST OF KAMCHATKA
	28	02	50	22.0*	23.114	N	121.604	E	33	N	4.2	1.2	12	TAIWAN
	28	03	27	30.1	41.435	N	141.989	E	73		4.9	1.1	85	HOKKAIDO, JAPAN REGION
	28	03	51	17.8%	42.482	N	12.450	E	10	G		1.4	5	CENTRAL ITALY
	28	04	03	53.6	37.106	N	49.227	E	10	G	5.0 4.4	1.2	106	CASPIAN SEA. Felt at Rudbar, Iran.
	28	04	15	39.8*	1.125	S	24.442	W	10	G	4.9 4.1	0.8	10	CENTRAL MID-ATLANTIC RIDGE
	28	05	04	49.1*	18.122	N	122.821	E	33	N	4.7 4.1	1.1	12	LUZON, PHILIPPINE ISLANDS
	28	06	08	57.1?	32.42	N	47.00	E	33	N	3.6	1.0	5	IRAN-IRAQ BORDER REGION
	28	06	35	59.0	62.977	N	148.749	W	85		5.3	0.7	221	CENTRAL ALASKA. Felt (IV) at Cantwell, Skwentna and Talkeetna. Felt (III) at Anchorage, Chickoloon, Palmer and Willow.
	28	07	40	09.8	52.541	N	161.022	E	24	D	5.1 5.0	0.9	123	OFF EAST COAST OF KAMCHATKA
	28	08	11	00.6*	23.081	N	93.873	E	33	N	4.4	1.0	15	BURMA-INDIA BORDER REGION
	28	08	25	08.0	5.727	S	151.889	E	42	*	5.1 4.3	0.8	36	NEW BRITAIN REGION
	28	08	49	46.0?	51.64	N	16.28	E	10	G		0.6	8	POLAND. ML 3.5 (GRF), 3.4 (VKA).
	28	09	51	37.8?	3.72	N	129.58	E	33	N	4.9	1.3	10	NORTH OF HALMAHERA
	28	10	21	05.3%	39.101	N	27.605	E	10	G		0.4	5	TURKEY. MD 2.5 (ISK).
	28	10	32	06.6*	0.892	S	127.342	E	33	N	4.8 4.1	0.8	11	HALMAHERA
	28	10	39	41.5&	58.589	N	137.102	W	0				6	SOUTHEASTERN ALASKA. <AGS-P>.
	28	10	46	29.8&	57.925	N	155.708	W	111				52	ALASKA PENINSULA. <AGS-P>.
	28	10	46	39.6%	41.067	N	22.533	E	10	G		0.8	7	YUGOSLAVIA
	28	11	01	14.8?	37.05	N	29.73	E	10	G		0.6	4	TURKEY. MD 2.4 (ISK).
	28	11	16	39.7	48.716	N	128.316	W	10	G	5.1 5.1	0.9	105	VANCOUVER ISLAND REGION
	28	11	29	21.8?	52.93	N	160.81	E	33	N	5.0	0.8	11	OFF EAST COAST OF KAMCHATKA
	28	11	46	44.2&	63.253	N	151.428	W	89				43	CENTRAL ALASKA. <AGS-P>.
	28	13	03	47.6	29.843	N	99.043	E	33	N	5.0	0.9	24	SICHUAN PROVINCE, CHINA
	28	14	20	15.1	23.822	N	125.359	E	33	N	4.7	0.9	32	SOUTHWESTERN RYUKYU ISLANDS
	28	14	34	53.0	6.152	S	131.368	E	33	N	4.8	0.9	19	TANIMBAR ISLANDS REGION
	28	15	47	28.6?	51.28	N	16.11	E	10	G		1.4	5	POLAND
	28	16	33	10.2	48.709	N	128.339	W	10	G	4.9 4.0	0.8	101	VANCOUVER ISLAND REGION
	28	16	42	55.4%	41.053	N	22.344	E	10	G		0.4	7	YUGOSLAVIA
	28	16	55	23.4&	57.976	N	145.925	W	10	G			10	GULF OF ALASKA. <AGS-P>.
	28	17	45	22.9*	21.479	S	68.259	W	92	?	4.2	1.4	7	CHILE-BOLIVIA BORDER REGION
	28	17	48	00.2*	3.437	N	128.584	E	37	?	5.1 3.9	1.0	22	NORTH OF HALMAHERA
	28	18	04	34.1%	39.903	N	23.993	E	10	G		0.4	8	AEGEAN SEA
	28	18	28	30.2?	37.08	N	29.60	E	10	G		0.6	4	TURKEY. MD 2.6 (ISK).

	28	18	47	41.9?	3.53	N	128.72	E	33	N	4.6		0.7	11	NORTH OF HALMAHERA
	28	19	03	13.8	30.020	S	71.210	W	75	•			0.9	20	NEAR COAST OF CENTRAL CHILE
	28	19	14	38.8%	41.122	N	22.435	E	10	G			0.8	8	YUGOSLAVIA
	28	19	21	16.2?	13.88	S	73.47	W	33	N			0.9	5	PERU
	28	19	40	00.3	47.942	N	144.929	E	463	•	4.3		0.8	34	SEA OF OKHOTSK
	28	19	43	14.8%	44.595	N	7.246	E	10	G			0.4	5	NORTHERN ITALY. ML 1.9 (GEN).
	28	20	30	09.1%	41.080	N	22.432	E	10	G			0.5	7	YUGOSLAVIA
	28	20	45	19.0	0.845	S	127.640	E	33	N	5.2	4.3	1.0	28	HALMAHERA
	28	22	11	48.4•	15.189	S	66.673	E	10	G	4.9		0.9	18	MID-INDIAN RISE
	28	22	23	16.7	37.582	N	21.985	E	10	G			0.8	16	SOUTHERN GREECE. ML 3.3 (ATH).
a	28	22	32	17.2	14.875	S	66.777	E	17	G	6.0	5.8	0.9	370	MID-INDIAN RISE. Two events about 5.3 seconds apart. Depth from broadband displacement seismograms, based on second event.
	28	23	05	28.9&	62.789	N	148.397	W	54					32	CENTRAL ALASKA. <AGS-P>.
	29	00	40	50.4	0.105	S	123.026	E	192	•	5.3		1.1	56	MINAHASSA PENINSULA
	29	01	55	13.7	3.272	N	77.443	W	90		4.5		1.0	28	NEAR WEST COAST OF COLOMBIA
	29	02	30	52.1•	68.425	N	18.279	W	10	G	4.5		1.3	12	ICELAND REGION
	29	02	57	42.7•	68.279	N	18.314	W	10	G	4.8	4.9	1.3	23	ICELAND REGION
	29	04	12	51.2•	37.948	N	20.548	E	10	G			1.0	14	IONIAN SEA. MD 3.6 (ATH).
	29	04	40	38.8	23.933	N	102.899	E	33	N	4.6		1.5	30	YUNNAN PROVINCE, CHINA
	29	05	13	10.9%	41.098	N	22.439	E	10	G			0.6	8	YUGOSLAVIA
	29	05	55	39.6%	41.023	N	22.410	E	10	G			0.5	6	YUGOSLAVIA
	29	05	58	53.9?	32.03	S	70.04	W	10	G			0.9	5	CHILE-ARGENTINA BORDER REGION
	29	06	31	37.4%	41.097	N	22.439	E	10	G			0.4	8	YUGOSLAVIA
	29	06	48	12.0%	38.910	N	15.920	E	10	G			0.3	8	SICILY
	29	07	20	17.2%	41.121	N	22.448	E	10				0.7	8	YUGOSLAVIA
	29	07	36	30.8	28.253	N	55.296	E	33	N	4.6		1.0	29	SOUTHERN IRAN
	29	08	33	20.3	45.565	N	26.539	E	162				0.6	17	ROMANIA
	29	09	36	51.6&	60.693	N	151.888	W	86					60	KENAI PENINSULA, ALASKA. <AGS-P>.
	29	09	38	16.5	41.102	N	22.467	E	10	G			0.3	6	YUGOSLAVIA
	29	10	49	44.5•	10.920	S	166.506	E	151	•	4.2		0.7	10	SANTA CRUZ ISLANDS
	29	10	59	25.6	46.366	N	12.533	E	10	G			1.1	6	NORTHERN ITALY. ML 2.4 (VIE).
	29	11	00	15.0?	30.83	S	117.04	E	10	G			0.4	4	WESTERN AUSTRALIA
	29	11	15	58.0?	44.40	N	7.10	E	10	G			0.7	4	NORTHERN ITALY. ML 1.7 (GEN).
	29	11	24	01.4%	41.063	N	22.470	E	10	G			0.6	6	YUGOSLAVIA
	29	11	36	10.2	44.111	N	149.092	E	33	N	4.8	4.0	0.9	66	KURIL ISLANDS
	29	11	55	27.3	56.166	N	164.206	E	33	N	4.5		0.9	34	KOMANDORSKY ISLANDS REGION
	29	11	59	00.7	40.926	N	22.397	E	9				0.7	9	GREECE. MD 2.9 (ATH).
	29	12	53	39.5&	63.422	N	150.777	W	38					48	CENTRAL ALASKA. <AGS-P>.
a	29	13	23	54.3	8.257	N	94.061	E	18	D	5.6	6.0	1.1	251	NICOBAR ISLANDS REGION
	29	13	25	52.5?	37.07	N	29.50	E	10	G			0.4	4	TURKEY. MD 3.0 (ISK).
	29	13	33	57.7•	37.932	N	28.038	E	10	G			1.4	8	TURKEY. ML 4.1 (ATH).
	29	14	12	05.1•	39.009	N	24.701	E	10	G			1.0	10	AEGEAN SEA. MD 2.9 (ATH).
	29	14	18	28.6•	30.177	N	138.810	E	446	•	3.4		0.7	12	SOUTH OF HONSHU, JAPAN
	29	14	26	58.3?	16.08	N	61.34	W	33	N			1 1	4	LEEWARD ISLANDS. ML 1.7 (FDF).
	29	14	34	30.5•	42.070	N	15.405	E	10	G			0.7	5	ADRIATIC SEA
	29	15	12	02.7?	14.93	N	145.59	E	245	•	4.7		0.7	16	MARIANA ISLANDS
	29	15	34	16.0	32.602	N	47.896	E	57		5.1		0.9	231	IRAN-IRAQ BORDER REGION
	29	15	45	01.9?	19.76	S	175.24	E	41	?	4.8		1.1	10	SOUTH OF FIJI ISLANDS
	29	16	25	32.6?	17.95	S	175.49	W	250	G	5.0		1.1	16	TONGA ISLANDS
	29	16	43	09.4	24.000	N	121.654	E	10	G	5.2		0.9	49	TAIWAN
	29	17	17	59.1•	32.383	S	70.072	W	33	N			1.1	6	CHILE-ARGENTINA BORDER REGION
	29	18	20	44.9•	17.207	N	101.109	W	25	•	4.4		1.4	13	NEAR COAST OF GUERRERO, MEXICO
	29	18	54	34.6	52.102	N	170.532	W	58	•	5.0		0.9	51	FOX ISLANDS, ALEUTIAN ISLANDS
	29	19	10	46.9	36.015	N	11.080	E	10	G	5.0		0.9	45	TUNISIA
	29	19	24	12.1	26.619	N	92.579	E	33	N	5.0		1.2	36	EASTERN INDIA
	29	19	32	36.7•	26.649	N	54.763	E	33	N	4.3		1.0	12	SOUTHERN IRAN
o	29	21	05	27 8	5.707	N	125.912	E	114	•	5.3		1.1	88	MINDANAO, PHILIPPINE ISLANDS
	29	21	05	45.1?	26.86	N	56.01	E	33	N	4.2		1.6	8	SOUTHERN IRAN
	29	22	44	36.5	8.803	S	118.826	E	139	•	4.8		1.2	42	SUMBAWA ISLAND REGION
	29	22	51	30.9%	41.075	N	22 418	E	7				0.6	8	YUGOSLAVIA
	29	22	54	31.7&	34.150	N	116.717	W	6	G				2	SOUTHERN CALIFORNIA. <PAS-P>. ML 2.7 (PAS).
	29	23	22	00.7%	39.264	N	29.320	E	10	G			1.1	7	TURKEY
	29	23	24	30.7	11.380	S	118.294	E	33	N	5.4		1.3	19	SOUTH OF SUMBAWA ISLAND
	29	23	25	16.1•	10.927	N	62.372	W	33	N			0.3	10	NEAR COAST OF VENEZUELA. MD 3.6 (TRN).
	30	00	24	38.7•	32.594	N	49.154	E	10	G	4.4		0.5	10	WESTERN IRAN
	30	00	37	47.5%	41.012	N	22.470	E	10	G			0.4	7	YUGOSLAVIA
a	30	00	39	38.5	5.546	S	147.145	E	200		5.2		0.9	224	EAST PAPUA NEW GUINEA REGION
	30	00	45	49.3	43.363	N	17.113	E	10	G			1.1	22	YUGOSLAVIA. ML 2.7 (TTG).
	30	00	51	29.9%	40.125	N	29.293	E	10	G			0.6	9	TURKEY. MD 2.5 (ISK).
	30	00	58	53.9?	32.13	S	70.25	W	10	G			0.3	5	CHILE-ARGENTINA BORDER REGION
	30	01	12	15.0	44.301	N	7.287	E	10	G			0.5	19	NORTHERN ITALY. ML 2.6 (LDG), 2.4 (GEN).
	30	01	30	54.5•	15.052	N	94.376	E	33	N	4.5		1.1	8	SOUTH BURMA
	30	01	40	56.0?	7.26	N	126.92	E	63	?	4.7		1.1	10	MINDANAO, PHILIPPINE ISLANDS
	30	01	54	10.7%	39.258	N	29.293	E	10	G			1.5	6	TURKEY. MD 2.4 (ISK).
	30	02	20	56.9&	47.474	N	121.812	W	17					91	WASHINGTON. <SEA>. CL 3.5 (SEA). Felt (III) at Snoqualmie. Also felt in the North Bend area.
	30	02	22	13.6?	33.83	S	70.33	W	117	?			0.7	8	CHILE-ARGENTINA BORDER REGION
	30	02	55	03.0&	59.506	N	151.703	W	52					37	KENAI PENINSULA, ALASKA. <AGS-P>.
	30	03	05	26.8	38.119	N	20.164	E	10	G	3.8		1.2	33	GREECE. ML 3.7 (ATH).
	30	03	19	32.2%	40.462	N	28.813	E	10	G			0 4	9	TURKEY. MD 2.5 (ISK).
	30	03	49	53.8•	71.428	N	8.319	W	10	G			1.3	8	JAN MAYEN ISLAND REGION
	30	04	00	38.9%	38.118	N	20.542	E	10	G			1.7	5	GREECE. MD 3.2 (ATH).
	30	04	04	30.3•	7.814	N	93.067	E	33	N	4.3		1.2	9	NICOBAR ISLANDS REGION
	30	04	56	41.6•	8.263	N	126.614	E	67	•	5.2		0.7	16	MINDANAO, PHILIPPINE ISLANDS
	30	05	19	33.7•	7.061	S	144.909	E	33	N	5.2		0 5	10	NEAR S COAST OF PAPUA NEW GUINEA
a	30	06	22	17.0	0.072	S	123.110	E	181		5.5		1.1	131	MINAHASSA PENINSULA
	30	06	45	46 1%	42.288	N	19.982	E	10	G			0.7	5	YUGOSLAVIA. ML 2.2 (TTG).
	30	07	01	07.2?	30.17	S	178.93	E	532	?	5.6		1.0	30	KERMADEC ISLANDS REGION
	30	07	33	36.0?	2.84	N	79.64	W	33	N	4.2		1.4	10	SOUTH OF PANAMA
	30	09	34	05.4	35.318	N	140.351	E	41	•	4.6	4.3	1 1	44	NEAR EAST COAST OF HONSHU, JAPAN
	30	09	36	43.7	8.419	N	94.123	E	33	N	4.6		1 3	25	NICOBAR ISLANDS REGION
	30	09	41	06.6?	15.78	N	60.74	W	33	N			0.3	6	LEEWARD ISLANDS. ML 2.4 (FDF).

	30	09	47	57.8	39.647	N	21.226	E	9			0.8	15	GREECE. MD 3.2 (ATH).
	30	10	11	50.5	44.834	N	7.309	E	10	G		1.0	32	NORTHERN ITALY. ML 2.8 (LDG), 2.7 (GEN).
	30	10	31	17.5*	23.944	N	121.860	E	10	G	5.2	1.4	24	TAIWAN
	30	10	37	30.3?	47.89	N	8.00	E	10	G		0.4	4	SWITZERLAND. ML 2.4 (LDG).
	30	10	48	10.4?	39.12	N	27.57	E	10	G		0.9	4	TURKEY. MD 2.5 (ISK).
	30	11	24	11.1?	41.04	N	22.36	E	10	G		0.5	4	YUGOSLAVIA
o	30	11	47	40.9	11.265	N	139.584	E	65	*	5.0	1.1	74	WEST CAROLINE ISLANDS
	30	11	50	52.8	43.764	N	16.506	E	15			0.8	27	YUGOSLAVIA. ML 3.0 (TTG).
	30	12	29	38.7	35.259	N	140.742	E	30		4.4	1.0	23	NEAR EAST COAST OF HONSHU, JAPAN
	30	13	05	12.1?	13.56	S	167.26	E	245	?	4.7	1.4	29	VANUATU ISLANDS
	30	14	15	41.5%	41.693	N	16.097	E	10	G		1.0	6	SOUTHERN ITALY
	30	14	31	43.8	20.737	S	173.493	W	33	N	5.1 5.0	1.2	46	TONGA ISLANDS
	30	15	43	41.1	6.441	S	154.535	E	74	*	4.8	0.7	14	SOLOMON ISLANDS
	30	15	53	34.2	19.090	N	121.267	E	33	N	4.5 4.2	0.9	29	PHILIPPINE ISLANDS REGION
	30	16	26	31.1?	16.56	N	61.33	W	33	N		0.5	6	LEEWARD ISLANDS. ML 2.0 (FDF).
	30	17	00	34.8%	41.190	N	22.218	E	10	G		0.3	7	YUGOSLAVIA
	30	18	22	04.9	44.316	N	7.300	E	11			0.8	15	NORTHERN ITALY. ML 2.1 (GEN), 2.0 (LDG).
f	30	19	14	18.9	5.097	S	150.967	E	179	G	6.6	1.2	341	NEW BRITAIN REGION. Mo=8.0*10**19 Nm (PPT). Some damage in the Hoskins area. Felt at Port Moresby and many ports of Papua New Guinea. Two events about 6 seconds apart. Depth from broadband displacement seismograms, based on first event.
	30	19	58	37.8*	20.275	S	168.581	E	33	N		1.4	12	LOYALTY ISLANDS
	30	20	04	28.6%	37.999	N	15.704	E	33	N		1.2	5	SICILY
	30	21	07	18.9	28.420	S	66.923	W	174	?		1.4	14	CATAMARCA PROVINCE, ARGENTINA
	30	21	30	29.2	18.668	N	107.016	W	33	N	5.2 4.8	0.9	125	OFF COAST OF JALISCO, MEXICO. Ms 4.7 (PAS).
	30	22	08	59.6%	43.020	N	12.557	E	10	G		1.1	7	CENTRAL ITALY
	30	22	28	02.2*	7.591	S	122.949	E	270	?	4.6	0.9	19	FLORES SEA
	30	23	05	11.1	35.319	N	140.331	E	55		4.9 4.7	1.1	128	NEAR EAST COAST OF HONSHU, JAPAN
	30	23	28	48.0	38.585	N	30.267	E	10	G		0.7	5	TURKEY. MD 3.1 (ISK).
	31	00	07	10.0?	17.15	S	68.63	W	179		4.3	0.5	7	BOLIVIA
	31	00	08	23.9	3.427	S	140.561	E	38	*	4.9	1.1	43	WEST IRIAN
	31	00	58	37.1*	44.626	N	17.027	E	10	G		0.9	5	YUGOSLAVIA. MD 3.1 (TRI).
	31	01	27	52.2&	63.671	N	156.988	W	16				28	CENTRAL ALASKA. <AGS-P>.
	31	02	38	43.1	6.807	N	72.984	W	155		5.2	0.9	193	NORTHERN COLOMBIA. Felt at Bogota, Bucaramanga, Ibague and Medellin.
	31	03	06	39.2%	61.853	N	4.250	E	10	G		1.3	8	SOUTHERN NORWAY. MD 2.5 (BER).
	31	03	33	50.7*	28.672	S	112.577	W	10	G	5.1	1.0	11	EASTER ISLAND REGION
	31	03	41	09.2%	39.124	N	16.824	E	10	G		0.7	9	SOUTHERN ITALY
	31	03	53	58.3&	47.579	N	72.556	W	18	G	4.2		16	SOUTHERN QUEBEC. <OTT-P>. mbLg 4.4 (OTT). Felt at La Tuque.
	31	04	13	39.9	44.875	N	17.427	E	10	G		1.0	25	YUGOSLAVIA. ML 3.1 (ZAG).
	31	04	58	45.2	41.008	N	22.337	E	11			0.7	16	YUGOSLAVIA. MD 3.3 (ATH).
	31	05	10	23.0?	26.79	N	128.06	E	33	N	3.8	1.2	5	RYUKYU ISLANDS
	31	05	41	45.4*	32.712	S	68.933	W	10	G		0.5	5	MENDOZA PROVINCE, ARGENTINA
	31	05	59	06.1&	63.213	N	150.639	W	132		2.7		34	CENTRAL ALASKA. <AGS-P>.
	31	08	26	37.3?	34.85	S	178.97	E	170	?	5.1	1.3	10	SOUTH OF KERMADEC ISLANDS
	31	08	55	59.8?	31.56	S	68.68	W	100	?		0.1	5	SAN JUAN PROVINCE, ARGENTINA
	31	08	57	58.8*	31.562	S	68.625	W	33	N		1.6	5	SAN JUAN PROVINCE, ARGENTINA
	31	09	00	06.5?	10.83	N	141.14	E	33	N	4.6	1.2	10	WEST CAROLINE ISLANDS
	31	09	25	27.4%	40.838	N	22.998	E	10	G		0.3	7	GREECE
	31	09	33	00.4&	60.615	N	150.403	W	39		2.5		48	KENAI PENINSULA, ALASKA. <AGS-P>.
	31	10	43	30.2?	5.72	S	152.74	E	23	?	4.4	1.2	10	NEW BRITAIN REGION
	31	10	49	01.6%	40.933	N	22.331	E	10	G		0.5	6	GREECE
	31	11	01	02.9	37.222	N	138.556	E	31		4.7	1.4	33	NEAR WEST COAST OF HONSHU, JAPAN
	31	11	03	04.8?	38.32	N	1.33	W	10	G		1.0	4	SPAIN
	31	12	23	08.8	14.280	S	167.366	E	219		5.0	1.0	120	VANUATU ISLANDS
	31	13	33	14.8?	17.29	S	68.80	W	198	*	4.3	1.4	9	BOLIVIA
	31	13	41	07.0%	40.964	N	22.417	E	10	G		0.9	10	GREECE
	31	13	41	55.1*	38.464	N	26.732	E	10	G		1.5	8	AEGEAN SEA. MD 3.1 (ISK), 3.1 (ATH).
	31	14	01	14.6%	41.090	N	22.409	E	10			0.5	8	YUGOSLAVIA
	31	14	30	16.7&	61.717	N	151.248	W	73		4.0		84	SOUTHERN ALASKA. <AGS-P>.
	31	15	34	12.3&	55.817	N	158.496	W	35				9	ALASKA PENINSULA. <PAL>.
	31	16	30	23.6*	17.248	S	174.361	W	33	N	5.1	1.2	41	TONGA ISLANDS
	31	17	39	45.9	41.244	N	22.761	E	10	G		0.7	15	YUGOSLAVIA. MD 3.1 (ATH).
	31	17	57	03.2	0.857	N	126.689	E	71	*	5.5	1.2	83	MOLUCCA PASSAGE
	31	17	58	02.7*	2.717	N	79.310	W	31		4.0 3.9	1.4	19	SOUTH OF PANAMA
	31	18	21	30.6&	62.711	N	154.760	W	6				35	CENTRAL ALASKA. <AGS-P>. ML 3.6 (PMR).
	31	19	45	12.3?	39.48	N	28.16	E	10	G		1.4	5	TURKEY MD 2.2 (ISK).
	31	19	57	48.5*	18.184	N	72.286	W	10	G	4.0 3.9	0.8	7	HAITI REGION
	31	20	12	06.9&	64.369	N	148.089	W	0				24	CENTRAL ALASKA. <AGS-P>. ML 3.2 (PMR).
	31	20	28	12.2&	44.729	N	111.210	W	5				19	HEBGEN LAKE REGION. <SLC-P>. ML 3.5 (BUT).
	31	20	33	06.3*	24.189	N	126.296	E	33	N	4.6	0.8	14	RYUKYU ISLANDS
	31	21	26	54.2%	42.285	N	13.739	E	10	G		0.3	5	CENTRAL ITALY
	31	21	32	29.3%	41.436	N	22.329	E	10	G		0.5	7	YUGOSLAVIA
	31	21	47	21.8?	0.45	N	126.42	E	33	N	5.0	0.3	7	MOLUCCA PASSAGE
	31	21	56	36.0&	59.375	N	152.669	W	74				10	SOUTHERN ALASKA. <AGS-P>.
	31	22	11	27.1%	49.519	N	0.229	W	10	G		0.6	11	FRANCE ML 2.7 (LDG).
o	31	22	11	30.3	21.953	S	174.818	E	10	D	5.5 5.1	1.2	144	VANUATU ISLANDS REGION
	31	23	06	45.5%	41.023	N	22.364	E	10	G		0.6	9	YUGOSLAVIA
	31	23	14	02.7%	41.767	N	15.974	E	10	G		0.8	7	SOUTHERN ITALY
	31	23	55	22.8%	40.777	N	21.609	E	10	G		1.0	7	GREECE

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 18 09 28.87  40.854N  73.553E  29km
   5.0mb ( 57 obs.)  4.6Msz (  9 obs.)
   KIRGHIZ SSR
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 10S, 17C
   Centroid Location:
   Origin Time        18:09:31.6 2.0
   Lat 40.62N 0.14 Lon  73.41E 0.16
   Dep  32.0 FIX Half-duration  1.5
   Principal Axes:
     Scale 10**16 Nm
     T  Val=  8.61  Plg=54  Azm= 56
     N       -0.67       33       263
     P       -7.94       13       164
   Best Double Couple:Mo=8.3*10**16
    NP1:Strike=218 Dip=43 Slip=  37
    NP2:        100      66       127

02 08 05 54.40  40.198N 143.466E  41km
   5.0mb ( 38 obs.)  5.2Msz ( 12 obs.)
   OFF EAST COAST OF HONSHU, JAPAN
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.:  9S, 16C
   Centroid Location:
   Origin Time        08:05:57.8 0.6
   Lat 40.34N 0.14 Lon 143.13E 0.10
   Dep  16.0 BDY Half-duration  1.7
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  1.83  Plg=55  Azm=280
     N        0.36        2        13
     P       -2.19       35       104
   Best Double Couple:Mo=2.0*10**17
    NP1:Strike=203 Dip=10 Slip= 100
    NP2:         13      80        88

02 08 44 02.03  26.722S 114.127W  10km
   5.3mb ( 23 obs.)  5.5Msz ( 11 obs.)
   EASTER ISLAND REGION
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 12S, 30C
   Centroid Location:
   Origin Time        08:44:10.5 0.3
   Lat 26.71S 0.03 Lon 114.16W 0.02
   Dep  15.0 FIX Half-duration  2.3
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  7.64  Plg= 3  Azm=229
     N       -1.42       87        30
     P       -6.23        1       139
   Best Double Couple:Mo=6.9*10**17
    NP1:Strike=274 Dip=87 Slip= 179
    NP2:          4      89         3

02 14 37 26.90  21.823S  68.333W 121km
   5.3mb ( 38 obs.)
   CHILE-BOLIVIA BORDER REGION
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 12S, 26C
   Centroid Location:
   Origin Time        14:37:36.2 0.5
   Lat 21.34S 0.07 Lon  68.80W 0.05
   Dep 133.6 2.5 Half-duration  1.6
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  1.24  Plg=12  Azm= 88
     N       -0.36       48       192
     P       -0.89       40       349
   Best Double Couple:Mo=1.1*10**17
    NP1:Strike=137 Dip=53 Slip=-157
    NP2:         33      72       -39

03 00 38 38.12   6.769N  72.974W 159km
   4.9mb ( 55 obs.)
   NORTHERN COLOMBIA
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.:  9S, 12C
   Centroid Location:
   Origin Time        00:38:40.1 1.0
   Lat  6.78N  FIX;Lon  72.95W  FIX
   Dep 158.2 4.0 Half-duration  1.5
   Principal Axes:
     Scale 10**16 Nm
     T  Val=  8.14  Plg=64  Azm= 77
     N        4.44        7       333
     P       -12.58       24       240
   Best Double Couple:Mo=1.0*10**17
    NP1:Strike=315 Dip=21 Slip=  71
    NP2:        155      70        97

03 05 48 17.90  22.727S 166.700E  12km
   5.7mb ( 33 obs.)  5.4Msz ( 16 obs.)
   NEW CALEDONIA
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 12S, 29C
   Centroid Location:
   Origin Time        05:48:22.2 0.4
   Lat 22.53S 0.05 Lon 166.71E 0.04
   Dep  15.0 BDY Half-duration  2.2
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  3.54  Plg= 8  Azm=279
     N       -1.20       24        12
     P       -2.34       65       172
   Best Double Couple:Mo=2.9*10**17
    NP1:Strike=343 Dip=43 Slip=-127
    NP2:        209      57       -61

04 09 12 51.82  43.729N  28.864W  16km
   5.2mb ( 58 obs.)  5.1Msz ( 15 obs.)
   NORTH ATLANTIC RIDGE
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 10S, 21C
   Centroid Location:
   Origin Time        09:13: 1.0 1.0
   Lat 44.15N 0.11 Lon  29.22W 0.09
   Dep  15.0 FIX Half-duration  2.1
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  2.31  Plg= 6  Azm=290
     N        0.01       14       199
     P       -2.32       74        43
   Best Double Couple:Mo=2.3*10**17
    NP1:Strike= 36 Dip=41 Slip= -68
    NP2:        188      53      -108

04 09 17 41.25   0.141S 125.097E  64km
   5.3mb ( 28 obs.)
   MOLUCCA SEA
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 12S, 28C
   Centroid Location:
   Origin Time        09:17:41.1 0.6
   Lat  0.03S 0.06 Lon 125.64E 0.06
   Dep  52.4 4.5 Half-duration  2.0
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  1.41  Plg=74  Azm=285
     N        0.06        5        32
     P       -1.47       15       123
   Best Double Couple:Mo=1.4*10**17
    NP1:Strike=220 Dip=30 Slip=  99
    NP2:         29      60        85

05 16 08 51.46   5.264S 131.370E  75km
   5.9mb ( 69 obs.)
   BANDA SEA
   FAULT PLANE SOLUTION: P-Waves
    NP1:Strike=320 Dip=65 Slip=-180
    NP2:         50      90      -335
   Principal Axes:
     T                  Plg=17  Azm=278
     P                     17       182
   Comment: The focal mechanism is
     moderately well controlled and
     corresponds to strike-slip
     faulting with a moderate
     normal component. The
     preferred fault plane is not
     determined.
   RADIATED ENERGY
    No. of sta:   5  Focal mech.  F
    Energy        4.3±1.9*10**13 Nm
   MOMENT TENSOR SOLUTION
   Dep  54            No. of sta:  8
   Principal Axes:
     Scale 10**18 Nm
     T  Val=  1.23  Plg= 1  Azm=293
     N       -0.11       75        28
     P       -1.12       15       203
   Best Double Couple:Mo=1.2*10**18
    NP1:Strike=339 Dip=79 Slip=-170
    NP2:        247      80       -12
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 14S, 30C
   Centroid Location:
   Origin Time        16:08:53.7 0.3
   Lat  5.06S 0.03 Lon 131.37E 0.03
   Dep  46.6 2.1 Half-duration  2.5
   Principal Axes:
     Scale 10**18 Nm
     T  Val=  1.34  Plg= 1  Azm=288
     N        0.18       78        24
     P       -1.53       12       198
   Best Double Couple:Mo=1.4*10**18
    NP1:Strike=333 Dip=80 Slip=-172
    NP2:        242      82       -10

07 08 25 03.03  16.993S 177.268W 414km
   5.6mb ( 66 obs.)
   FIJI ISLANDS REGION
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 11S, 29C
   Centroid Location:
   Origin Time        08:25:14.1 0.4
   Lat 16.35S 0.05 Lon 177.14W 0.03
   Dep 440.9 1.4 Half-duration  2.5
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  8.05  Plg=12  Azm=111
     N        2.34       47         8
     P       -10.39      40       212
   Best Double Couple:Mo=9.2*10**17
    NP1:Strike=243 Dip=52 Slip= -23
    NP2:        347      72      -140

07 09 38 16.46  37.220N 138.489E  10km
   5.4mb ( 57 obs.)  5.1Msz (  3 obs.)
   NEAR WEST COAST OF HONSHU, JAPAN
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.:  9S, 20C
   Centroid Location:
   Origin Time        09:38:19.3 0.8
   Lat 36.84N 0.14 Lon 138.43E 0.11
   Dep  15.0 FIX Half-duration  1.6
   Principal Axes:
     Scale 10**16 Nm
     T  Val=  8.78  Plg=76  Azm= 82
     N        0.79        7       198
     P       -9.56       13       290
   Best Double Couple:Mo=9.2*10**16
    NP1:Strike= 29 Dip=33 Slip= 102
    NP2:        194      58        82

07 23 08 13.31  21.041S 178.861W 570km
   5.3mb ( 36 obs.)
   FIJI ISLANDS REGION
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 12S, 24C
   Centroid Location:
   Origin Time        23:08:25.1 0.8
   Lat 20.44S 0.08 Lon 179.05W 0.05
   Dep 616.5 3.6 Half-duration  1.8
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  1.32  Plg=20  Azm=200
     N        0.51       22       101
     P       -1.83       60       328
   Best Double Couple:Mo=1.6*10**17
    NP1:Strike=322 Dip=32 Slip= -45
    NP2:         92      68      -114

08 00 38 13.11   6.670S 147.415E  79km
   5.4mb ( 12 obs.)
   EAST PAPUA NEW GUINEA REGION
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 13S, 27C
   Centroid Location:
   Origin Time        00:38:14.1 0.8
   Lat  6.81S 0.09 Lon 147.57E 0.07
   Dep  17.5 6.7 Half-duration  2.0
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  1.73  Plg=34  Azm= 62
     N       -0.12       29       310
     P       -1.61       43       190
   Best Double Couple:Mo=1.7*10**17
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   NP1:Strike=209 Dip=29 Slip= -10
   NP2:        308     85      -119

08 06 03 13.46  57.877S  25.152W  33km
   5.4mb ( 12 obs.)  4.8Msz (  3 obs.)
   SOUTH SANDWICH ISLANDS REGION
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 14S, 32C
   Centroid Location:
   Origin Time        06:03:19.8 0.5
   Lat 57.65S 0.13 Lon  24.95W 0.12
   Dep  28.4 BDY Half-duration  1.7
   Principal Axes:
     Scale 10**16 Nm
     T  Val=  7.58  Plg=63  Azm=297
     N        1.97       13       181
     P       -9.56       23        85
   Best Double Couple:Mo=8.6*10**16
    NP1:Strike=152 Dip=25 Slip=  59
    NP2:          5     69       103

09 15 36 26.92  54.881N 162.109E  26km
   5.7mb (115 obs.)  5.0Msz ( 20 obs.)
   NEAR EAST COAST OF KAMCHATKA
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 12S, 26C
   Centroid Location:
   Origin Time        15:36:32.9 0.2
   Lat 54.38N 0.05 Lon 162.75E 0.04
   Dep  52.6 3.0 Half-duration  2.0
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  1.74  Plg=72  Azm= 39
     N        0.37       16       190
     P       -2.11        8       282
   Best Double Couple:Mo=1.9*10**17
    NP1:Strike= 30 Dip=39 Slip= 116
    NP2:        178     55        71

10 01 15 54.93  20.143S 177.473W 376km
   5.0mb ( 31 obs.)
   FIJI ISLANDS REGION
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 10S, 23C
   Centroid Location:
   Origin Time        01:16: 1.2 1.4
   Lat 20.63S 0.19 Lon 177.18W 0.10
   Dep 388.5 4.9 Half-duration  1.6
   Principal Axes:
     Scale 10**16 Nm
     T  Val=  9.00  Plg=35  Azm= 95
     N       -1.30       23       202
     P       -7.70       46       318
   Best Double Couple.Mo=8.4*10**16
    NP1:Strike=127 Dip=24 Slip=-166
    NP2:         25     85       -67

10 09 34 33.03   5.940S 142.282E  32km
   5.8mb ( 33 obs.)  5 7Msz ( 32 obs.)
   PAPUA NEW GUINEA
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 14S, 34C
   Centroid Location:
   Origin Time        09:34:37.7 0.5
   Lat  5.79S 0.05 Lon 142.11E 0.03
   Dep  15.0 BDY Half-duration  2.6
   Principal Axes:
     Scale 10**18 Nm
     T  Val=  1.04  Plg=81  Azm=324
     N       -0.10        8       123
     P       -0.94        3       214
   Best Double Couple:Mo=1.0*10**18
    NP1:Strike=312 Dip=43 Slip= 102
    NP2:        116     49        79

10 16 20 15.45  34.836S 111.258W  10km
   4.9mb (  9 obs.)
   EASTER ISLAND CORDILLERA
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 12S, 19C
   Centroid Location:
   Origin Time        16:20:22.9 0.6
   Lat 35.05S 0.17 Lon 111.59W 0.08
   Dep  15.0 FIX Half-duration  1.7
   Principal Axes:
     Scale 10**16 Nm
     T  Val=  5.12  Plg= 0  Azm=254
     N       -1.89        0       164
     P       -3.22       90       180
   Best Double Couple:Mo=4.2*10**16
    NP1:Strike=344 Dip=45 Slip= -90
    NP2:        164     45       -90

11 01 11 03.84  22.164S 174.306W  38km
   5.1mb ( 18 obs.)  5.2Msz (  4 obs.)
   TONGA ISLANDS REGION
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 11S, 24C
   Centroid Location:
   Origin Time        01:11:10.2 0.7
   Lat 21.59S 0.12 Lon 174.11W 0.09
   Dep  15.0 FIX Half-duration  1.7
   Principal Axes:
     Scale 10**16 Nm
     T  Val= 12.00  Plg=61  Azm=320
     N        0.83        9       213
     P      -12.83       27       119
   Best Double Couple:Mo=1.2*10**17
    NP1:Strike=187 Dip=20 Slip=  63
    NP2:         36     73        99

11 08 57 34.41  13.161N  89.862W  32km
   5.0mb ( 30 obs.)  4.6Msz (  8 obs.)
   EL SALVADOR
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 11S, 22C
   Centroid Location:
   Origin Time        08:57:41.1 1.1
   Lat 12.97N 0.09 Lon  89.86W 0.11
   Dep  15.0 FIX Half-duration  1.6
   Principal Axes:
     Scale 10**16 Nm
     T  Val= 12.74  Plg=59  Azm=101
     N       -1.07       22       329
     P      -11.66       21       230
   Best Double Couple:Mo=1.2*10**17
    NP1:Strike=287 Dip=31 Slip=  44
    NP2:        157     69       113

11 14 41 42.55  15.461S 173.117W  13km
   5.8mb ( 42 obs.)  6.1Msz ( 31 obs.)
   TONGA ISLANDS
   FAULT PLANE SOLUTION: P-Waves
    NP1:Strike= 40 Dip=72 Slip=  23
    NP2:        303     68       161
   Principal Axes:
     T                Plg=29  Azm=262
     P                     3       171
   Comment: The focal mechanism is
     poorly controlled and
     corresponds to strike-slip
     faulting with a moderate
     reverse component. The
     preferred fault plane is not
     determined.
   RADIATED ENERGY
    No. of sta:   9  Focal mech.  M
    Energy        9.4±3.1*10**12 Nm
   MOMENT TENSOR SOLUTION
   Dep   4            No. of sta: 15
   Principal Axes:
     Scale 10**18 Nm
     T  Val=  4.00  Plg=43  Azm=274
     N        0.00       46        77
     P       -4.00        8       176
   Best Double Couple:Mo=4.0*10**18
    NP1:Strike=305 Dip=54 Slip= 152
    NP2:         53     68        39
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 12S, 32C
   Centroid Location:
   Origin Time        14:41:55.1 0.3
   Lat 14.98S 0.04 Lon 173.14W 0.03
   Dep  15.0 BDY Half-duration  3.0
   Principal Axes:
     Scale 10**18 Nm
     T  Val=  2.41  Plg=55  Azm=289
     N        0.10       11       183
     P       -2.51       33        86
   Best Double Couple:Mo=2.5*10**18
    NP1:Strike=140 Dip=16 Slip=  46
    NP2:          5     79       101

11 16 09 31.01  15.372S 173.052W  33km
   5.0mb ( 19 obs.)  5 4Msz (  6 obs.)
   TONGA ISLANDS
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 13S, 29C
   Centroid Location:
   Origin Time        16:09:39.8 1.2
   Lat 14.87S 0.16 Lon 173.04W 0.07
   Dep  15.0 FIX Half-duration  2.2
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  5.11  Plg=55  Azm=305
     N       -0.32       16       191
     P       -4.79       31        92
   Best Double Couple:Mo=4.9*10**17
    NP1:Strike=141 Dip=20 Slip=  38
    NP2:         15     78       106

12 03 25 51.23  27.115N 126.403E 158km
   5.4mb ( 84 obs.)
   EAST CHINA SEA
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 11S, 20C
   Centroid Location:
   Origin Time        03:25:52.8 0.8
   Lat 27.20N 0.08 Lon 126.12E 0.07
   Dep 160.7 2.1 Half-duration  2.0
   Principal Axes:
     Scale 10**16 Nm
     T  Val= 12.39  Plg=28  Azm=145
     N        2.47        1        54
     P      -14.86       62       323
   Best Double Couple:Mo=1.4*10**17
    NP1:Strike=237 Dip=17 Slip= -87
    NP2:         54     73       -91

12 07 21 05.70   5.864S 142.262E  33km
   5.5mb ( 28 obs.)
   PAPUA NEW GUINEA
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 13S, 23C
   Centroid Location:
   Origin Time        07:21:10.0 1.2
   Lat  5 61S 0.12 Lon 141.79E 0.09
   Dep  15.0 FIX Half-duration  1.5
   Principal Axes:
     Scale 10**16 Nm
     T  Val=  9.53  Plg=60  Azm=  7
     N       -0.66       11       117
     P       -8.87       27       213
   Best Double Couple:Mo=9.2*10**16
    NP1:Strike=329 Dip=20 Slip= 123
    NP2:        114     73        78

13 00 24 25.71  37.300N  15.438E  11km
   5.5mb ( 57 obs.)  5.3Msz (  2 obs.)
   SICILY
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 14S, 34C
   Centroid Location:
   Origin Time        00:24:34.1 0.6
   Lat 37.25N 0.06 Lon  14.90E 0.04
   Dep  15.0 FIX Half-duration  2.5
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  3.06  Plg=22  Azm=233
     N        0.43       64        17
     P       -3.49       14       137
   Best Double Couple:Mo=3.3*10**17
    NP1:Strike=274 Dip=64 Slip= 174
    NP2:          7     85        26

13 03 01 48.05  23.916N 121.636E  12km
   5.9mb ( 88 obs.)  6.2Msz ( 12 obs.)
   TAIWAN
   FAULT PLANE SOLUTION: P-Waves
    NP1:Strike= 55 Dip=74 Slip=  90
    NP2:        235     16        90
   Principal Axes:
     T                Plg=61  Azm=325
     P                    29       145
   Comment: The focal mechanism is
     poorly controlled and
     corresponds to reverse
     faulting. The preferred fault
     plane is NP2.
   RADIATED ENERGY
    No. of sta:   3  Focal mech.  F
    Energy        2.6±0.6*10**13 Nm
   MOMENT TENSOR SOLUTION
   Dep   2            No. of sta: 11
   Principal Axes:
     Scale 10**19 Nm
     T  Val=  1.08  Plg=56  Azm=337
```

```
    N        0.22       0       247
    P       -1.30      34       157
  Best Double Couple:Mo=1.2*10**19
   NP1:Strike=246 Dip=11 Slip=  89
   NP2:        67      79        90
  CENTROID, MOMENT TENSOR    (HRV)
  Data Used: GDSN
  L.P.B.: 12S, 28C  M.W.:  9S, 16C
  Centroid Location:
  Origin Time        03:01:52.5 0.3
  Lat 23.90N 0.03 Lon 121.47E 0.03
  Dep  15.0 BDY Half-duration  5.1
  Principal Axes:
    Scale 10**18 Nm
    T  Val=  3.01  Plg=64  Azm=323
    N        0.36       2       230
    P       -3.36      26       139
  Best Double Couple:Mo=3.2*10**18
   NP1:Strike=225 Dip=19 Slip=  85
   NP2:        50      71        92

13 12 26 40.75   1.116N 124.034E  33km
  6.0mb ( 65 obs.)  5.7Msz ( 30 obs.)
  MINAHASSA PENINSULA
  FAULT PLANE SOLUTION: P-Waves
   NP1:Strike=139 Dip=67 Slip= 123
   NP2:       260      39        38
  Principal Axes:
    T                Plg=55  Azm= 92
    P                    16      205
  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
    NP2.
  RADIATED ENERGY
   No. of sta:   4  Focal mech   M
   Energy        1.5±0.7*10**14 Nm
  MOMENT TENSOR SOLUTION
  Dep  23            No. of sta. 10
  Principal Axes:
    Scale 10**18 Nm
    T  Val=  2.50  Plg=63  Azm=144
    N        0.15      27       318
    P       -2.65       3        49
  Best Double Couple:Mo=2.6*10**18
   NP1:Strike=165 Dip=49 Slip= 127
   NP2:       296      53        55
  CENTROID, MOMENT TENSOR    (HRV)
  Data Used: GDSN
  L.P.B.: 15S, 35C
  Centroid Location:
  Origin Time        12:26:46.0 0.7
  Lat  1.38N 0.05 Lon 124.01E 0.04
  Dep  26.6 2.0 Half-duration  4.1
  Principal Axes:
    Scale 10**18 Nm
    T  Val=  1.46  Plg=83  Azm=111
    N        0.07       6       328
    P       -1.53       4       237
  Best Double Couple:Mo=1.5*10**18
   NP1:Strike=321 Dip=41 Slip=  81
   NP2:       153      49        97

13 19 50 17.88  23.722N 121.627E  10km
  5.9mb ( 64 obs.)  6.3Msz ( 22 obs.)
  TAIWAN
  FAULT PLANE SOLUTION. P-Waves
   NP1:Strike= 11 Dip=85 Slip= 166
   NP2.       102      76         5
  Principal Axes:
    T                Plg=13  Azm=326
    P                     6       57
  Comment: The focal mechanism is
    poorly controlled and
    corresponds to strike-slip
    faulting with a small reverse
    component. The preferred fault
    plane is not determined.
  RADIATED ENERGY
   No. of sta:   3  Focal mech.  F
   Energy        3.3±1.6*10**14 Nm
  MOMENT TENSOR SOLUTION
  Dep  55            No. of sta:  7
  Principal Axes:
    Scale 10**19 Nm
    T  Val=  1.16  Plg= 7  Azm=319
    N        0.00      82       171
    P       -1.16       4        50
  Best Double Couple:Mo=1.2*10**19
   NP1:Strike= 95 Dip=83 Slip=   2
   NP2:         4      88       173
  CENTROID, MOMENT TENSOR    (HRV)
  Data Used: GDSN
  L.P.B.: 10S, 23C  M.W.: 14S, 23C
  Centroid Location:
  Origin Time        19:50:29.0 0.3
  Lat 23.89N 0.02 Lon 121.84E 0.03
  Dep  17.5 1.3 Half-duration  6.0
  Principal Axes:
    Scale 10**18 Nm
    T  Val=  3.67  Plg=67  Azm=277
    N       -0.07       5        19
    P       -3.60      23       111
  Best Double Couple:Mo=3.6*10**18
   NP1:Strike=212 Dip=23 Slip= 104
   NP2:        17      68        84

13 22 39 22.38   6.020S 142.291E  33km
  5.5mb (  8 obs.)
  PAPUA NEW GUINEA
  CENTROID, MOMENT TENSOR    (HRV)
  Data Used: GDSN
  L.P.B.: 13S, 20C
  Centroid Location:
  Origin Time        22:39:26.4 1.6
  Lat  6.02S 0.18 Lon 142.22E 0.10
  Dep  15.0 FIX Half-duration  2.0
  Principal Axes:
    Scale 10**17 Nm
    T  Val=  2.29  Plg=59  Azm=129
    N       -0.58      25       349
    P       -1.72      18       251
  Best Double Couple:Mo=2.0*10**17
   NP1:Strike=308 Dip=35 Slip=  42
   NP2:       181      67       117

13 23 18 59.33  23.681N 121.625E  10km
  5.4mb ( 37 obs.)  5.7Msz (  2 obs.)
  TAIWAN
  CENTROID, MOMENT TENSOR    (HRV)
  Data Used: GDSN
  L.P.B.: 11S, 19C
  Centroid Location:
  Origin Time        23:19: 2.7 0.7
  Lat 23.81N 0.08 Lon 122.12E 0.11
  Dep  15.0 FIX Half-duration  3.4
  Principal Axes:
    Scale 10**17 Nm
    T  Val=  8.64  Plg=59  Azm=294
    N        0.37       1        27
    P       -9.01      31       117
  Best Double Couple.Mo=8.8*10**17
   NP1:Strike=212 Dip=14 Slip=  95
   NP2:        26      76        89

14 02 37 38.67  23.584N 121.677E  10km
  5.1mb ( 32 obs.)  4.9Msz (  4 obs.)
  TAIWAN
  CENTROID, MOMENT TENSOR    (HRV)
  Data Used: GDSN
  L.P.B.:  8S, 14C
  Centroid Location:
  Origin Time        02:37:38.1 0.9
  Lat 23.56N  FIX;Lon 121.73E  FIX
  Dep  15.0 FIX Half-duration  1.8
  Principal Axes:
    Scale 10**16 Nm
    T  Val= 10.57  Plg=51  Azm=280
    N       -0.33       6        18
    P      -10.23      38       113
  Best Double Couple:Mo=1.0*10**17
   NP1:Strike=241 Dip= 9 Slip= 133
   NP2:        17      83        84

14 03 21 26.82  39.347N  15.355E 276km
  5.3mb ( 42 obs.)
  SOUTHERN ITALY
  CENTROID, MOMENT TENSOR    (HRV)
  Data Used: GDSN
  L.P.B.:  8S, 15C
  Centroid Location:
  Origin Time        03:21:38.3 0.9
  Lat 39.30N  FIX;Lon  15.38E  FIX
  Dep 248.6 5.9 Half-duration  1.5
  Principal Axes:
    Scale 10**16 Nm
    T  Val= 12.79  Plg=38  Azm= 55
    N       -2.94       2       147
    P       -9.85      52       239
  Best Double Couple:Mo=1.1*10**17
   NP1:Strike=129 Dip= 7 Slip=-107
   NP2:       327      83       -88

14 11 22 39.33   9.691S  78.982W  38km
  5.3mb ( 43 obs.)  5.1Msz (  6 obs.)
  NEAR COAST OF NORTHERN PERU
  CENTROID, MOMENT TENSOR    (HRV)
  Data Used: GDSN
  L.P.B.: 13S, 28C
  Centroid Location:
  Origin Time        11:22:43.5 0.5
  Lat  9.65S 0.06 Lon  79.31W 0.07
  Dep  44.8 4.5 Half-duration  2.2
  Principal Axes:
    Scale 10**17 Nm
    T  Val=  2.96  Plg=50  Azm=159
    N       -0.26      40       338
    P       -2.69       1        68
  Best Double Couple:Mo=2.8*10**17
   NP1:Strike=191 Dip=57 Slip= 140
   NP2:       306      58        41

14 14 09 07.30   2.982S 136.488E  33km
  5.2mb ( 12 obs.)  5.1Msz (  5 obs.)
  WEST IRIAN REGION
  CENTROID, MOMENT TENSOR    (HRV)
  Data Used: GDSN
  L.P.B.: 16S, 35C
  Centroid Location:
  Origin Time        14:09:15.6 0.6
  Lat  2.43S 0.05 Lon 136.36E 0.04
  Dep  23.2 2.7 Half-duration  2.2
  Principal Axes:
    Scale 10**17 Nm
    T  Val=  1.99  Plg=61  Azm=186
    N        0.47       1       277
    P       -2.45      28         8
  Best Double Couple:Mo=2.2*10**17
   NP1:Strike= 99 Dip=17 Slip=  92
   NP2:       277      73        89

16 15 45 40.70  41.361N  43.715E  33km
  5.2mb ( 86 obs.)  5.0Msz ( 18 obs.)
  TURKEY-USSR BORDER REGION
  CENTROID, MOMENT TENSOR    (HRV)
  Data Used: GDSN
  L.P.B.: 16S, 38C
  Centroid Location:
  Origin Time        15:45:35.0 0.4
  Lat 40.53N 0.07 Lon  43.18E 0.05
  Dep  17.6 3.2 Half-duration  2.0
  Principal Axes:
    Scale 10**17 Nm
    T  Val=  2.05  Plg= 6  Azm=104
    N       -0.76      80       337
    P       -1.29       8       195
  Best Double Couple:Mo=1.7*10**17
   NP1:Strike=239 Dip=81 Slip=  -1
   NP2:       329      89      -171

16 20 28 50.61  19.467S 173.278W  33km
  5.2mb ( 27 obs.)  5.6Msz ( 21 obs.)
  TONGA ISLANDS
  CENTROID, MOMENT TENSOR    (HRV)
  Data Used: GDSN
  L.P.B.: 17S, 40C
  Centroid Location:
  Origin Time        20:28:50.7 0.3
  Lat 19.72S 0.04 Lon 172.56W 0.03
  Dep  15.0 FIX Half-duration  2.3
  Principal Axes:
    Scale 10**17 Nm
    T  Val=  3.61  Plg=72  Azm=311
    N        0.50       4       208
    P       -4.11      17       116
  Best Double Couple:Mo=3.9*10**17
   NP1:Strike=199 Dip=28 Slip=  81
   NP2:        30      63        95

16 22 18 49.88  29.044N  51.304E  15km
  5.3mb ( 75 obs.)  5.4Msz ( 13 obs.)
  SOUTHERN IRAN
  CENTROID, MOMENT TENSOR    (HRV)
  Data Used: GDSN
  L.P.B.: 15S, 36C
  Centroid Location:
  Origin Time        22:18:56.1 0.4
  Lat 29.05N  FIX;Lon  51.31E  FIX
  Dep  15.0 FIX Half-duration  2.5
  Principal Axes:
    Scale 10**17 Nm
    T  Val=  3.76  Plg=68  Azm= 48
    N        0.70       3       146
    P       -4.46      22       237
  Best Double Couple:Mo=4.1*10**17
   NP1:Strike=332 Dip=23 Slip=  97
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    NP2:        144      67        87

17 01 21 07.83   1.412N 123.230E  33km
   5.2mb (  5 obs.)
   MINAHASSA PENINSULA
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 13S, 22C
   Centroid Location:
   Origin Time        01:21: 7.1 0.9
   Lat  1.66N 0.08 Lon 123.42E 0.09
   Dep  33.0 FIX Half-duration  1.5
   Principal Axes:
     Scale 10**16 Nm
     T  Vol=  4.44  Plg=65  Azm=219
     N        1.73       12       101
     P       -6.17       21         6
   Best Double Couple:Mo=5.3*10**16
    NP1:Strike= 74 Dip=26 Slip=  61
    NP2:        286      67       104

17 01 43 48.65   1.298N 123.188E  33km
   5.4mb ( 19 obs.)  4.7Msz (  5 obs.)
   MINAHASSA PENINSULA
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 14S, 26C
   Centroid Location:
   Origin Time        01:43:45.4 0.6
   Lat  1.37N 0.07 Lon 123.14E 0.06
   Dep  18.1 3.3 Half-duration  2.0
   Principal Axes:
     Scale 10**17 Nm
     T  Vol=  1.92  Plg=65  Azm=194
     N        0.24        2       100
     P       -2.16       24         9
   Best Double Couple:Mo=2.0*10**17
    NP1:Strike= 94 Dip=21 Slip=  84
    NP2:        281      69        92

17 11 00 29.85   6.638N  81.926W  19km
   5.7mb ( 48 obs.)  5.9Msz ( 15 obs.)
   SOUTH OF PANAMA
   FAULT PLANE SOLUTION: P-Waves
    NP1:Strike=263 Dip=83 Slip= -15
    NP2:        355      75      -173
   Principal Axes:
     T                Plg= 5  Azm=310
     P                   16       218
   Comment: The focal mechanism is
     poorly controlled and
     corresponds to strike-slip
     faulting with a moderate
     normal component. The
     preferred fault plane is not
     determined.
   RADIATED ENERGY
    No. of sta:   3  Focal mech.  F
    Energy        5.5±1.0*10**13 Nm
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 14S, 39C
   Centroid Location:
   Origin Time        11:00:33.2 0.4
   Lat  6.85N 0.03 Lon  82.20W 0.03
   Dep  15.0 FIX Half-duration  5.1
   Principal Axes:
     Scale 10**18 Nm
     T  Vol=  3.21  Plg=25  Azm=314
     N       -0.77       62       104
     P       -2.44       13       218
   Best Double Couple:Mo=2.8*10**18
    NP1:Strike=354 Dip=63 Slip= 171
    NP2:         88      82        27

18 02 33 12.37  42.553S  16.140W  10km
   5.4mb ( 25 obs.)  5.4Msz (  6 obs.)
   SOUTH ATLANTIC RIDGE
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 17S, 31C
   Centroid Location:
   Origin Time        02:33:18.6 0.3
   Lat 42.85S 0.07 Lon  16.21W 0.06
   Dep  15.0 FIX Half-duration  1.8
   Principal Axes:
     Scale 10**17 Nm
     T  Vol=  1.27  Plg=13  Azm= 85
     N       -0.28        9       177
     P       -0.99       74       303
   Best Double Couple:Mo=1.1*10**17
    NP1:Strike=163 Dip=33 Slip=-107
    NP2:          3      58       -79

18 02 49 22.80  42.667S  15.948W  12km
   5.6mb ( 23 obs.)  5.4Msz (  8 obs.)
   TRISTAN DA CUNHA REGION
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 16S, 29C
   Centroid Location:
   Origin Time        02:49:31.6 0.4
   Lat 42.81S  FIX;Lon  16.03W  FIX
   Dep  15.0 FIX Half-duration  2.2
   Principal Axes:
     Scale 10**17 Nm
     T  Vol=  2.02  Plg= 7  Azm=106
     N       -0.58       14        14
     P       -1.44       74       222
   Best Double Couple:Mo=1.7*10**17
    NP1:Strike=212 Dip=40 Slip= -68
    NP2:          4      53      -107

18 04 39 11.82  23.766N 121.772E  10km
   5.0mb ( 24 obs.)  4.8Msz (  1 obs.)
   TAIWAN
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 12S, 17C
   Centroid Location:
   Origin Time        04:39:14.9 0.8
   Lat 24.09N 0.16 Lon 121.29E 0.21
   Dep  15.0 FIX Half-duration  1.5
   Principal Axes:
     Scale 10**17 Nm
     T  Vol=  1.26  Plg=50  Azm=288
     N       -0.10        0        19
     P       -1.16       40       109
   Best Double Couple:Mo=1.2*10**17
    NP1:Strike=202 Dip= 5 Slip=  94
    NP2:         19      85        90

18 15 01 23.73  40.421S  91.738W  18km
   5.2mb ( 14 obs.)  4.9Msz (  1 obs.)
   WEST CHILE RISE
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 16S, 33C
   Centroid Location:
   Origin Time        15:01:27.9 0.5
   Lat 40.43S  FIX;Lon  91.78W  FIX
   Dep  15.0 FIX Half-duration  1.7
   Principal Axes:
     Scale 10**16 Nm
     T  Vol=  8.30  Plg= 7  Azm=274
     N       -1.70        3         5
     P       -6.60       83       117
   Best Double Couple:Mo=7.4*10**16
    NP1:Strike=  1 Dip=38 Slip= -95
    NP2:        187      52       -86

19 00 20 24.78  23.701N 121.579E  10km
   5.2mb ( 40 obs.)  5.3Msz (  5 obs.)
   TAIWAN
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 11S, 20C
   Centroid Location:
   Origin Time        00:20:25.6 0.6
   Lat 23.95N 0.08 Lon 121.91E 0.11
   Dep  15.0 FIX Half-duration  2.2
   Principal Axes:
     Scale 10**17 Nm
     T  Vol=  2.59  Plg=59  Azm=305
     N        0.33        5       207
     P       -2.92       30       114
   Best Double Couple:Mo=2.8*10**17
    NP1:Strike=190 Dip=15 Slip=  72
    NP2:         28      75        95

19 07 34 22.18  27.369S 175.497W  41km
   5.3mb ( 13 obs.)  5.3Msz (  1 obs.)
   KERMADEC ISLANDS REGION
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 13S, 22C
   Centroid Location:
   Origin Time        07:34:22.8 0.7
   Lat 26.75S  FIX;Lon 175.91W  FIX
   Dep  15.0 FIX Half-duration  1.5
   Principal Axes:
     Scale 10**16 Nm
     T  Vol=  6.36  Plg= 0  Azm=246
     N       -0.91       39       156
     P       -5.45       51       336
   Best Double Couple:Mo=5.9*10**16
    NP1:Strike=  8 Dip=57 Slip= -41
    NP2:        124      57      -139

19 13 48 22.69  52.618N 160.716E  22km
   5.9mb (100 obs.)  5.6Msz ( 38 obs.)
   OFF EAST COAST OF KAMCHATKA
   RADIATED ENERGY
    No. of sta:   8  Focal mech.  C
    Energy        6.4±1.8*10**12 Nm
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 16S, 39C
   Centroid Location:
   Origin Time        13:48:28.9 0.2
   Lat 52.68N 0.02 Lon 161.22E 0.03
   Dep  28.6 1.5 Half-duration  4.0
   Principal Axes:
     Scale 10**17 Nm
     T  Vol=  8.15  Plg=78  Azm=339
     N        2.79        7       216
     P      -10.94       10       125
   Best Double Couple:Mo=9.5*10**17
    NP1:Strike=207 Dip=35 Slip=  79
    NP2:         41      55        98

19 23 38 35.65  23.669N 121.606E  10km
   5.3mb ( 44 obs.)  5.2Msz (  4 obs.)
   TAIWAN
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 10S, 19C
   Centroid Location:
   Origin Time        23:38:39.3 0.5
   Lat 23.78N 0.06 Lon 122.20E 0.11
   Dep  15.0 FIX Half-duration  1.9
   Principal Axes:
     Scale 10**17 Nm
     T  Vol=  1.71  Plg=65  Azm=298
     N        0.23        2       203
     P       -1.95       24       112
   Best Double Couple:Mo=1.8*10**17
    NP1:Strike=197 Dip=21 Slip=  84
    NP2:         24      69        92

20 07 02 59.35  37.612N  70.338E   8km
   5.5mb ( 73 obs.)  5.1Msz ( 10 obs.)
   AFGHANISTAN-USSR BORDER REGION
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 14S, 30C
   Centroid Location:
   Origin Time        07:03:11.7 0.9
   Lat 38.03N 0.08 Lon  70.48E 0.06
   Dep  76.9 3.0 Half-duration  2.5
   Principal Axes:
     Scale 10**17 Nm
     T  Vol=  3.02  Plg= 3  Azm=226
     N       -0.21       83       107
     P       -2.81        6       316
   Best Double Couple:Mo=2.9*10**17
    NP1:Strike=  1 Dip=83 Slip=  -2
    NP2:         91      88      -173

21 03 26 43.09  16.626S 177.556W  10km
   5.2mb ( 16 obs.)  5.5Msz ( 12 obs.)
   FIJI ISLANDS REGION
   CENTROID, MOMENT TENSOR     (HRV)
   Data Used: GDSN
   L.P.B.: 11S, 25C
   Centroid Location:
   Origin Time        03:26:46.4 0.6
   Lat 16.53S 0.05 Lon 176.95W 0.05
   Dep  15.0 FIX Half-duration  3.3
   Principal Axes:
     Scale 10**17 Nm
     T  Vol=  6.77  Plg= 7  Azm=273
     N        0.17       70        22
     P       -6.94       18       180
   Best Double Couple:Mo=6.9*10**17
    NP1:Strike=318 Dip=72 Slip=-171
    NP2:        225      82       -18

21 05 29 28.72  20.467S 174.161W  13km
   6.1mb ( 47 obs.)  6.2Msz ( 36 obs.)
   TONGA ISLANDS
   FAULT PLANE SOLUTION: P-Waves
    NP1:Strike= 30 Dip=90 Slip=   8
    NP2:        300      82       180
   Principal Axes:
     T                Plg= 6  Azm=255
     P                    6       165
   Comment: The focal mechanism is
     poorly controlled and
     corresponds to strike-slip
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    faulting with a small reverse
    component. The preferred fault
    plane is not determined.
  RADIATED ENERGY
   No. of sta:   9  Focal mech.  F
   Energy        9.5±2.9*10**14 Nm
  MOMENT TENSOR SOLUTION
  Dep  10            No. of sta: 11
  Principal Axes:
    Scale 10**19 Nm
    T  Val=  1.78  Plg= 6  Azm=254
    N        0.00      83       38
    P       -1.78       4      163
  Best Double Couple:Mo=1.8*10**19
   NP1:Strike=298 Dip=83 Slip= 179
   NP2:        29      89        7
  CENTROID, MOMENT TENSOR     (HRV)
  Data Used: GDSN
  L.P.B.: 12S, 31C
  Centraid Location:
  Origin Time        05:29:33.6 0.4
  Lat 20.91S 0.04 Lon 173.23W 0.03
  Dep  15.0 BDY Half-duration  4.3
  Principal Axes:
    Scale 10**18 Nm
    T  Val=  1.78  Plg=65  Azm=283
    N        0.11       4       21
    P       -1.89      24      112
  Best Double Couple:Mo=1.8*10**18
   NP1:Strike=210 Dip=21 Slip= 100
   NP2:        19      69       86

21 06 57 42.99  41.004N  22.300E  13km
  5.8mb ( 60 obs.)  5.9Msz ( 18 obs.)
  YUGOSLAVIA
  FAULT PLANE SOLUTION: P-Waves
   NP1:Strike=225 Dip=57 Slip= -63
   NP2:         2      42     -125
  Principal Axes:
    T                Plg= 8  Azm=296
    P                   66      187
  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:  13  Focal mech.  C
   Energy        7.5±1.0*10**12 Nm
  CENTROID, MOMENT TENSOR     (HRV)
  Data Used: GDSN
  L.P.B.: 12S, 32C
  Centraid Location:
  Origin Time        06:57:45.3 0.6
  Lat 40.27N 0.06 Lon  22.28E 0.04
  Dep  15.0 BDY Half-duration  4.5
  Principal Axes:
    Scale 10**18 Nm
    T  Val=  1.81  Plg= 5  Azm=146
    N       -0.22      12       55
    P       -1.59      77      260
  Best Double Couple:Mo=1.7*10**18
   NP1:Strike=249 Dip=41 Slip= -72
   NP2:        45      52     -105

21 11 38 18.07  20.597S 178.574W 599km
  5.2mb ( 43 obs.)
  FIJI ISLANDS REGION
  CENTROID, MOMENT TENSOR     (HRV)
  Data Used: GDSN
  L.P.B : 12S, 25C
  Centraid Location:
  Origin Time        11:38:26.1 0.9
  Lat 20.14S 0.09 Lon 178.73W 0.06
  Dep 622.1 3.8 Half-duration  2.1
  Principal Axes:
    Scale 10**17 Nm
    T  Val=  1.62  Plg=30  Azm=148
    N        0.18       7      243
    P       -1.80      59      345
  Best Double Couple:Mo=1.7*10**17
   NP1:Strike=216 Dip=16 Slip=-118
   NP2:        65      76      -82

21 12 55 45.53  18.891S 177.971W 457km
  5.3mb ( 51 obs.)
  FIJI ISLANDS REGION
  CENTROID, MOMENT TENSOR     (HRV)
  Data Used: GDSN
  L.P.B.: 12S, 27C
  Centraid Location:
  Origin Time        12:55:56.2 0.6
  Lat 18.40S 0.07 Lon 177 99W 0.04
  Dep 481.4 1.9 Half-duration  2.4
  Principal Axes:
    Scale 10**17 Nm
    T  Val=  3.34  Plg=51  Azm=179
    N       -0.44       6      276
    P       -2.90      38       10
  Best Double Couple:Mo=3.1*10**17
   NP1:Strike=137 Dip= 9 Slip= 131
   NP2:       275      84       84

21 18 31 43.83  32.696S  69.647W 116km
  5.3mb ( 25 obs.)
  MENDOZA PROVINCE, ARGENTINA
  CENTROID, MOMENT TENSOR     (HRV)
  Data Used: GDSN
  L.P.B.: 16S, 33C
  Centroid Location:
  Origin Time        18:31:50.7 0.3
  Lat 32.71S 0.04 Lon  69.70W 0.05
  Dep 130.1 2.0 Half-duration  2.1
  Principal Axes:
    Scale 10**17 Nm
    T  Val=  1.82  Plg=24  Azm=149
    N       -0.23      47       30
    P       -1.60      33      256
  Best Double Couple:Mo=1.7*10**17
   NP1:Strike=289 Dip=47 Slip=  -7
   NP2:        24      85     -137

21 20 34 43.38  20.296N  45.702W  10km
  5.1mb ( 35 obs.)  4.6Msz (  5 obs.)
  NORTH ATLANTIC RIDGE
  CENTROID, MOMENT TENSOR     (HRV)
  Data Used: GDSN
  L.P.B.: 12S, 23C
  Centraid Location:
  Origin Time        20:34.48.3 0.5
  Lat 20.25N  FIX;Lon  45.69W  FIX
  Dep  15.0 FIX Half-duration  1.8
  Principal Axes:
    Scale 10**16 Nm
    T  Val=  9.91  Plg=14  Azm=267
    N       -2.76      14      173
    P       -7.16      70       41
  Best Double Couple:Mo=8.5*10**16
   NP1:Strike= 16 Dip=33 Slip= -64
   NP2:       165      61     -106

22 17 27 54.84   9.869N  84.302W  17km
  5.3mb ( 59 obs.)  5.7Msz ( 19 obs.)
  COSTA RICA
  CENTROID, MOMENT TENSOR     (HRV)
  Data Used: GDSN
  L.P.B.: 13S, 32C
  Centraid Location:
  Origin Time        17:28: 1.6 0.4
  Lat 10.16N 0.03 Lon  84.64W 0.03
  Dep  15.0 FIX Half-duration  3.7
  Principal Axes:
    Scale 10**17 Nm
    T  Val= 11.00  Plg=15  Azm=105
    N       -1.39      67      234
    P       -9.61      17       10
  Best Double Couple:Mo=1.0*10**18
   NP1:Strike=147 Dip=67 Slip=-179
   NP2:        57      89      -23

22 19 01 41.81  14.948S 168.036E  27km
  5.8mb ( 45 obs.)  5.4Msz ( 18 obs.)
  VANUATU ISLANDS
  FAULT PLANE SOLUTION: P-Waves
   NP1:Strike= 16 Dip=69 Slip=  35
   NP2:       272      58      155
  Principal Axes:
    T                Plg=39  Azm=238
    P                    7      142
  Comment: The focal mechanism is
    poorly controlled and
    corresponds to strike-slip
    faulting with a moderate
    reverse component. The
    preferred fault plane is not
    determined.
  RADIATED ENERGY
   No. of sta:   9  Focal mech.  F
   Energy        9.9±2.4*10**12 Nm
  CENTROID, MOMENT TENSOR     (HRV)
  Data Used: GDSN
  L.P.B.. 12S, 25C
  Centraid Location:
  Origin Time        19:01:50.8 0 5
  Lat 14.27S 0.07 Lon 168 09E 0.06
  Dep  15.0 FIX Half-duration  2.8
  Principal Axes:
    Scale 10**17 Nm
    T  Val=  4.08  Plg=64  Azm=231
    N        0.62      14      352
    P       -4.70      22       88
  Best Double Couple:Mo=4.4*10**17
   NP1:Strike=203 Dip=26 Slip= 124
   NP2:       346      68       75

23 01 11 25.20   1.093N 124.146E  50km
  5.4mb ( 12 obs.)  4.6Msz (  4 obs.)
  MINAHASSA PENINSULA
  CENTROID, MOMENT TENSOR     (HRV)
  Data Used: GDSN
  L.P.B.: 13S, 24C
  Centroid Location:
  Origin Time        01:11:24.0 1.3
  Lat  1.30N 0.09 Lon 123.88E 0.07
  Dep  24.9 3.9 Half-duration  1.7
  Principal Axes:
    Scale 10**17 Nm
    T  Val=  1.29  Plg=77  Azm= 80
    N       -0.07       9      308
    P       -1.23      10      217
  Best Double Couple:Mo=1.3*10**17
   NP1:Strike=296 Dip=36 Slip=  75
   NP2:       134      55      101

23 21 03 03.77   0.656S 127.387E  32km
  5.6mb ( 29 obs )  4.9Msz (  8 obs.)
  HALMAHERA
  CENTROID, MOMENT TENSOR     (HRV)
  Data Used: GDSN
  L.P.B.: 16S, 35C
  Centroid Location:
  Origin Time        21:03: 3.8 0.4
  Lat  0.26S 0.05 Lon 127.81E 0.06
  Dep  35.6 2.9 Half-duration  2.0
  Principal Axes:
    Scale 10**17 Nm
    T  Val=  2.66  Plg= 4  Azm=131
    N       -0.24      42      225
    P       -2.42      48       37
  Best Double Couple:Mo=2.5*10**17
   NP1:Strike=186 Dip=55 Slip=-144
   NP2:        74      61      -41

24 08 22 46.39  19.253S 173.499W  31km
  5.3mb ( 22 obs.)  5.1Msz ( 11 obs.)
  TONGA ISLANDS
  CENTROID, MOMENT TENSOR     (HRV)
  Data Used: GDSN
  L.P.B.: 11S, 19C
  Centroid Location:
  Origin Time        08:22:48.8 1.3
  Lat 19.63S 0.11 Lon 172.78W 0.09
  Dep  15.0 FIX Half-duration  1.6
  Principal Axes:
    Scale 10**16 Nm
    T  Val=  9.23  Plg=70  Azm=258
    N        0.85      10       16
    P      -10.08      17      109
  Best Double Couple:Mo=9.6*10**16
   NP1:Strike=214 Dip=29 Slip= 111
   NP2:        11      63       79

24 10 12 13.06   5.376S 151.490E  53km
  5.7mb ( 52 obs.)
  NEW BRITAIN REGION
  CENTROID, MOMENT TENSOR     (HRV)
  Data Used: GDSN
  L.P.B.: 14S, 33C
  Centroid Location:
  Origin Time        10:12:20.6 0.5
  Lat  5.24S 0.04 Lon 151.93E 0.03
  Dep  49.0 FIX Half-duration  3.7
  Principal Axes:
    Scale 10**17 Nm
    T  Val=  8.26  Plg=60  Azm= 48
    N        1.69      28      250
    P       -9.95      10      155
  Best Double Couple:Mo=9.1*10**17
   NP1:Strike=216 Dip=43 Slip=  46
   NP2:        88      60      123

24 16 40 12.67  21.013S  11.595W  10km
  5.2mb ( 30 obs.)  4.8Msz (  5 obs.)
  SOUTH ATLANTIC RIDGE
  CENTROID, MOMENT TENSOR     (HRV)
  Data Used: GDSN
  L.P.B.: 16S, 30C
  Centroid Location:
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   Origin Time        16:40:19.8 0.8
   Lat 21.00S 0.14 Lon  11.51W 0.06
   Dep  15.0 FIX Half-duration  1.9
   Principal Axes:
     Scale 10**16 Nm
     T  Val=  8.02  Plg= 0  Azm=256
     N       -1.49       0       166
     P       -6.53      90       180
   Best Double Couple:Mo=7.3*10**16
    NP1:Strike=346 Dip=45 Slip= -90
    NP2:        166     45       -90

24 19 15 46.82   5.643S 146.381E  57km
   5.3mb ( 27 obs.)
   EAST PAPUA NEW GUINEA REGION
   CENTROID, MOMENT TENSOR    (HRV)
   Data Used: GDSN
   L.P.B.: 11S, 20C
   Centroid Location:
   Origin Time        19:15:54.2 0.6
   Lat  5.41S 0.06 Lon 146.21E 0.05
   Dep  65.0 FIX Half-duration  1.9
   Principal Axes:
     Scale 10**16 Nm
     T  Val= 11.75  Plg=35  Azm=272
     N        2.72      37       150
     P      -14.47      33        30
   Best Double Couple:Mo=1.3*10**17
    NP1:Strike= 62 Dip=37 Slip=   2
    NP2:        331     89       127

25 01 06 54.82  12.156N  93.644E  33km
   5.1mb ( 38 obs.)  4.9Msz (  8 obs.)
   ANDAMAN ISLANDS REGION
   CENTROID, MOMENT TENSOR    (HRV)
   Data Used: GDSN
   L.P.B.: 11S, 20C
   Centroid Location:
   Origin Time        01:06:56.3 1.4
   Lat 12.36N 0.11 Lon  93.47E 0.07
   Dep  17.1 3.3 Half-duration  1.7
   Principal Axes:
     Scale 10**16 Nm
     T  Val=  8.97  Plg= 3  Azm=166
     N        2.24      21        75
     P      -11.21      69       265
   Best Double Couple:Mo=1.0*10**17
    NP1:Strike=277 Dip=46 Slip= -61
    NP2:         58     51      -117

25 07 51 10.30  40.73 S  85.76 W  10km
   4.7mb (  6 obs.)  4.8Msz (  3 obs.)
   WEST CHILE RISE
   CENTROID, MOMENT TENSOR    (HRV)
   Data Used: GDSN
   L.P.B.: 15S, 34C
   Centroid Location:
   Origin Time        07:51:11.4 0.2
   Lat 41.26S 0.03 Lon  86.41W 0.04
   Dep  15.0 FIX Half-duration  2.6
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  4.38  Plg= 8  Azm= 42
     N       -0.23      69       289
     P       -4.15      19       134
   Best Double Couple Mo=4.3*10**17
    NP1:Strike=177 Dip=71 Slip=  -8
    NP2:        269     83      -161

25 14 21 53.22  23.766N 121.592E  18km
   5.6mb ( 43 obs.)  5.7Msz ( 10 obs.)
   TAIWAN
   CENTROID, MOMENT TENSOR    (HRV)
   Data Used: GDSN
   L.P.B.:  9S, 20C
   Centroid Location:
   Origin Time        14:21:58.5 0.2
   Lat 23.96N 0.05 Lon 122.24E 0.08
   Dep  15.0 FIX Half-duration  3.3
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  6.15  Plg=71  Azm=294
     N        2.91       8        50
     P       -9.06      16       143
   Best Double Couple:Mo=7.6*10**17
    NP1:Strike=245 Dip=29 Slip= 107
    NP2:         46     62        81

25 22 59 21.02   0.726S 127.445E  42km
   5.3mb ( 19 obs.)  4.4Msz (  2 obs.)
   HALMAHERA
   CENTROID, MOMENT TENSOR    (HRV)
   Data Used: GDSN
   L.P.B.:  9S, 18C
   Centroid Location
   Origin Time        22:59:19.3 1.0
   Lat  0.73S 0 14 Lon 127.36E 0.15
   Dep  33.0 FIX Half-duration  1.5
   Principal Axes:
     Scale 10**16 Nm
     T  Val=  4.14  Plg=15  Azm=287
     N        0.71      15       192
     P       -4.85      68        59
   Best Double Couple.Mo=4.5*10**16
    NP1:Strike= 37 Dip=33 Slip= -61
    NP2:        184     62      -108

26 01 59 36.38   0.668S 127.337E  39km
   5.3mb ( 18 obs.)  5.0Msz (  6 obs.)
   HALMAHERA
   CENTROID, MOMENT TENSOR    (HRV)
   Data Used: GDSN
   L.P.B.: 15S, 31C
   Centroid Location:
   Origin Time        01:59:34.9 0.4
   Lat  0.61S 0.06 Lon 127.54E 0.06
   Dep  43.6 3.2 Half-duration  2.5
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  2.98  Plg= 6  Azm=306
     N       -0.74      44       210
     P       -2.24      45        42
   Best Double Couple:Mo=2.6*10**17
    NP1:Strike= 73 Dip=55 Slip= -32
    NP2:        182     65      -140

26 15 31 59.36  52.663N 160.951E  34km
   5.3mb ( 60 obs.)  4.8Msz (  5 obs.)
   OFF EAST COAST OF KAMCHATKA
   CENTROID, MOMENT TENSOR    (HRV)
   Data Used: GDSN
   L.P.B.: 13S, 24C
   Centroid Location:
   Origin Time        15:32: 5.2 0.7
   Lat 52.69N  FIX;Lon 161.14E  FIX
   Dep  33.0 FIX Half-duration  1.5
   Principal Axes:
     Scale 10**16 Nm
     T  Val=  5.73  Plg=64  Azm=359
     N        1.84      22       213
     P       -7.57      13       117
   Best Double Couple:Mo=6.7*10**16
    NP1:Strike=181 Dip=37 Slip=  52
    NP2:         45     61       115

27 13 35 10.09   6.873S 129.542E 181km
   5.6mb ( 51 obs.)
   BANDA SEA
   FAULT PLANE SOLUTION: P-Waves
    NP1:Strike= 55 Dip=65 Slip=  45
    NP2:        302     50       147
   Principal Axes:
     T                Plg=49  Azm=276
     P                    9       175
   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:   5  Focal mech.  F
    Energy        4.3±1.2*10**12 Nm
   MOMENT TENSOR SOLUTION
   Dep 195            No. of sta:  7
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  5.57  Plg=38  Azm=281
     N        0.10      49        77
     P       -5.67      12       181
   Best Double Couple:Mo=5.6*10**17
    NP1:Strike=314 Dip=54 Slip= 159
    NP2:         57     73        38
   CENTROID, MOMENT TENSOR    (HRV)
   Data Used: GDSN
   L.P.B.: 18S, 41C
   Centroid Location:
   Origin Time        13:35:14.3 0.4
   Lat  6.82S 0.03 Lon 129.67E 0.03
   Dep 194.1 1.2 Half-duration  2.7
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  4.82  Plg=45  Azm=279
     N       -1.10      41        70
     P       -3.72      15       173
   Best Double Couple.Mo=4.3*10**17
    NP1:Strike=305 Dip=47 Slip= 154
    NP2:         53     72        46

27 16 08 34.67  22.725S  70.006W  64km
   5.1mb ( 18 obs.)
   NEAR COAST OF NORTHERN CHILE
   CENTROID, MOMENT TENSOR    (HRV)
   Data Used: GDSN
   L.P.B.: 16S, 31C
   Centroid Location:
   Origin Time        16:08:41.8 0.3
   Lat 22.42S 0.04 Lon  70.18W 0.05
   Dep  63.9 4.2 Half-duration  2.0
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  1.96  Plg=29  Azm=108
     N       -0.28      13        10
     P       -1.68      58       260
   Best Double Couple:Mo=1.8*10**17
    NP1:Strike=229 Dip=20 Slip= -50
    NP2:          7     75      -103

27 18 01 41.73  19.530S 168.814E  59km
   5.2mb ( 30 obs.)
   VANUATU ISLANDS
   CENTROID, MOMENT TENSOR    (HRV)
   Data Used: GDSN
   L.P.B.: 15S, 33C
   Centroid Location:
   Origin Time        18:01:48.4 0.7
   Lat 19.23S 0.07 Lon 168.40E 0.04
   Dep  45.1 3.3 Half-duration  1.9
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  1.19  Plg=83  Azm=150
     N        0.35       6       359
     P       -1.55       3       269
   Best Double Couple:Mo=1.4*10**17
    NP1:Strike=352 Dip=42 Slip=  81
    NP2:        185     49        98

28 22 32 17.27  14.875S  66.777E  17km
   6.0mb ( 76 obs.)  5.8Msz ( 24 obs.)
   MID-INDIAN RISE
   FAULT PLANE SOLUTION: P-Waves
    NP1:Strike=165 Dip=86 Slip=  -2
    NP2:        255     88      -176
   Principal Axes:
     T                Plg= 1  Azm= 30
     P                    4       120
   Comment: The focal mechanism is
     moderately well controlled and
     corresponds to strike-slip
     faulting. The preferred fault
     plane is not determined.
   RADIATED ENERGY
    No. of sta:   8  Focal mech.  F
    Energy        5.7±1.7*10**14 Nm
   MOMENT TENSOR SOLUTION
   Dep  18            No. of sta:  7
   Principal Axes:
     Scale 10**18 Nm
     T  Val=  1.64  Plg= 4  Azm= 16
     N        0.13      84       149
     P       -1.77       4       286
   Best Double Couple:Mo=1.7*10**18
    NP1:Strike= 61 Dip=84 Slip=-180
    NP2:        331     90        -6
   CENTROID, MOMENT TENSOR    (HRV)
   Data Used: GDSN
   L.P.B.: 19S, 45C
   Centroid Location:
   Origin Time        22:32:20.9 0.3
   Lat 15.03S 0.03 Lon  66.73E 0.03
   Dep  15.0 FIX Half-duration  3.0
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  8.99  Plg=10  Azm= 49
     N       -0.40      27       314
     P       -8.59      61       157
   Best Double Couple:Mo=8.8*10**17
    NP1:Strike=168 Dip=42 Slip= -48
    NP2:        297     60      -121

29 13 23 54.32   8.257N  94.061E  18km
   5.6mb ( 76 obs.)  6.0Msz ( 17 obs.)
   NICOBAR ISLANDS REGION
   CENTROID, MOMENT TENSOR    (HRV)
   Data Used: GDSN
   L.P.B.: 18S, 41C
   Centroid Location:
   Origin Time        13:23:55.2 0.3
   Lat  8.14N 0.02 Lon  93.93E 0.03
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   Dep  21.0 FIX Half-duration  4.4
   Principal Axes:
     Scale 10**18 Nm
     T  Val=  1.57  Plg= 3  Azm=302
     N       -0.14       86       90
     P       -1.43        2      212
   Best Double Couple:Mo=1.5*10**18
    NP1:Strike=347 Dip=86 Slip= 179
    NP2:         77     89        4

29 21 05 27.80   5.707N 125.912E 114km
   5.3mb ( 33 abs.)
   MINDANAO, PHILIPPINE ISLANDS
   CENTROID, MOMENT TENSOR    (HRV)
   Data Used: GDSN
   L.P.B.: 16S, 30C
   Centroid Location:
   Origin Time       21:05:30.1 0.5
   Lat  5.70N 0.05 Lon 126.01E 0.07
   Dep 107.5 4.4 Half-duration  1.5
   Principal Axes:
     Scale 10**16 Nm
     T  Val=  7.52  Plg=58  Azm=259
     N        1.03        7        1
     P       -8.56       31       95
   Best Double Couple:Mo=8.0*10**16
    NP1:Strike=208 Dip=16 Slip= 118
    NP2:        359     76       82

30 00 39 38.53   5.546S 147.145E 200km
   5.2mb ( 40 abs.)
   EAST PAPUA NEW GUINEA REGION
   CENTROID, MOMENT TENSOR    (HRV)
   Data Used: GDSN
   L.P.B.: 15S, 28C
   Centroid Location:
   Origin Time       00:39:43.9 0.8
   Lat  5.47S 0.08 Lon 146.98E 0.06
   Dep 190.4 1.9 Half-duration  2.0
   Principal Axes:
     Scale 10**16 Nm
     T  Val= 12.78  Plg=53  Azm= 78
     N       -1.01       35      240
     P      -11.77        9      336
   Best Double Couple:Ma=1.2*10**17
    NP1:Strike=100 Dip=47 Slip= 142
    NP2:        218     63       50

30 06 22 17.01   0.072S 123.110E 181km
   5.5mb ( 44 abs.)
   MINAHASSA PENINSULA
   CENTROID, MOMENT TENSOR    (HRV)
   Data Used: GDSN
   L.P.B.: 15S, 29C
   Centroid Location:
   Origin Time       06:22:17.0 0.5
   Lat  0.08N 0.06 Lon 123.39E 0.06
   Dep 150.5 1.8 Half-duration  2.0
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  1.83  Plg=64  Azm=356
     N       -0.48        5      255
     P       -1.35       26      163
   Best Double Couple:Mo=1.6*10**17
    NP1:Strike=241 Dip=20 Slip=  75
    NP2:         77     71       95

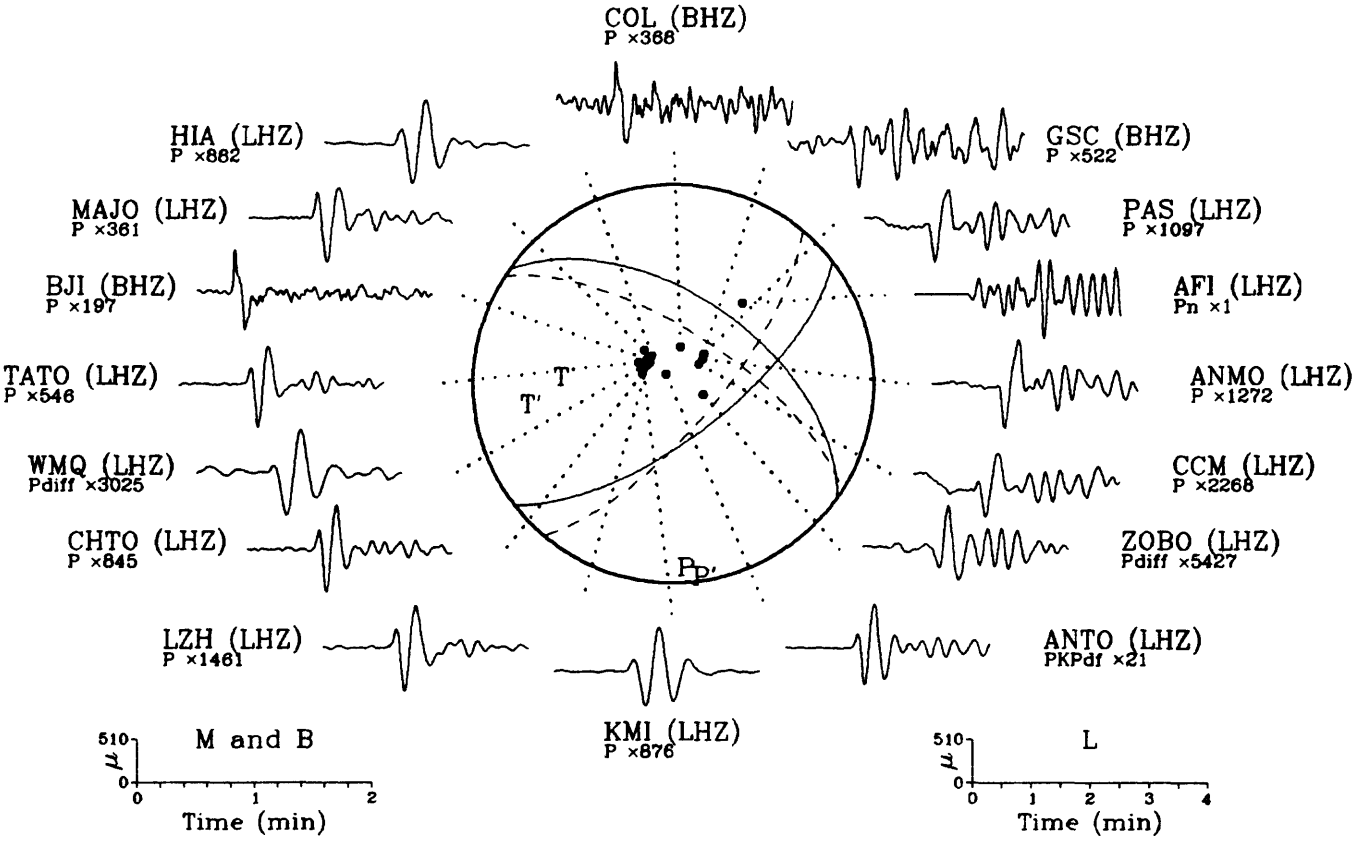
30 11 47 40.95  11.265N 139.584E  65km
   5.0mb ( 21 abs.)
   WEST CAROLINE ISLANDS
   CENTROID, MOMENT TENSOR    (HRV)
   Data Used: GDSN
   L.P.B.: 15S, 25C
   Centroid Location:
   Origin Time       11:47:41.6 1.4
   Lat 11.31N 0.15 Lon 139.17E 0.08
   Dep  33.0 FIX Half-duration  1.5
   Principal Axes:
     Scale 10**16 Nm
     T  Val=  6.46  Plg= 4  Azm= 51
     N       -1.32       64      313
     P       -5.14       25      143
   Best Double Couple:Mo=5.8*10**16
    NP1:Strike=184 Dip=70 Slip= -16
    NP2:        280     75     -159

30 19 14 18.93   5.097S 150.967E 179km
   6.6mb ( 44 abs.)
   NEW BRITAIN REGION
   FAULT PLANE SOLUTION: P-Waves
    NP1:Strike= 65 Dip=70 Slip= 144
    NP2:        169     56       24
   Principal Axes:
     T                Plg=39  Azm= 23
     P                     9      120
   Comment: The focal mechanism is
     moderately well controlled and
     corresponds to strike-slip
     faulting with a large reverse
     component. The preferred fault
     plane is not determined.
   RADIATED ENERGY
    No. of sta:  11  Focal mech.  M
    Energy        3.2±0.8*10**15 Nm
   MOMENT TENSOR SOLUTION
   Dep 198          No. of sta: 15
   Principal Axes:
     Scale 10**20 Nm
     T  Val=  1.93  Plg=38  Azm= 23
     N        0.04       51      219
     P       -1.98        8      119
   Best Double Couple:Mo=2.0*10**20
    NP1:Strike=168 Dip=58 Slip=  23
    NP2:         66     70      146
   CENTROID, MOMENT TENSOR    (HRV)
   Data Used: GDSN
   L.P.B.: 17S, 48C  M.W.: 12S, 35C
   Centroid Location:
   Origin Time       19:14:36.2 0.1
   Lat  5.23S 0.01 Lon 150.73E 0.01
   Dep 204.8 1.0 Half-duration 18.0
   Principal Axes:
     Scale 10**20 Nm
     T  Val=  1.61  Plg=42  Azm= 47
     N        0.28       36      275
     P       -1.90       26      164
   Best Double Couple:Ma=1.8*10**20
    NP1:Strike=204 Dip=38 Slip=  16
    NP2:        102     80      127

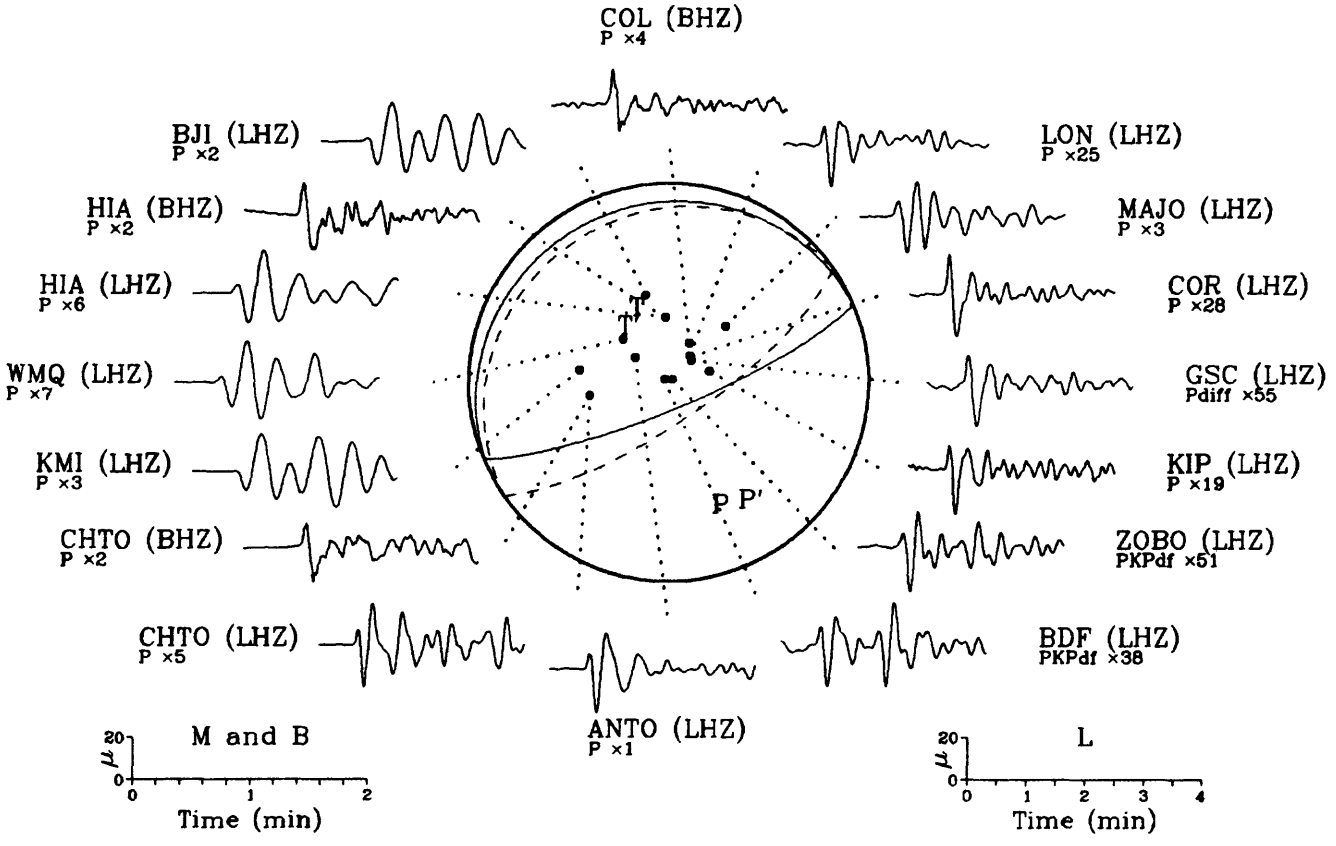
31 22 11 30.33  21.953S 174.818E  10km
   5.5mb ( 30 abs.)  5.1Msz (  6 abs.)
   VANUATU ISLANDS REGION
   CENTROID, MOMENT TENSOR    (HRV)
   Data Used: GDSN
   L.P.B.: 12S, 28C
   Centroid Location:
   Origin Time       22:11:39.0 0.4
   Lat 21.96S 0.05 Lon 174.86E 0.04
   Dep  15.0 FIX Half-duration  2.2
   Principal Axes:
     Scale 10**17 Nm
     T  Val=  2.77  Plg=24  Azm=122
     N        0.13       26       20
     P       -2.90       54      249
   Best Double Couple:Mo=2.8*10**17
    NP1:Strike=253 Dip=32 Slip= -33
    NP2:         12     73     -117
```

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

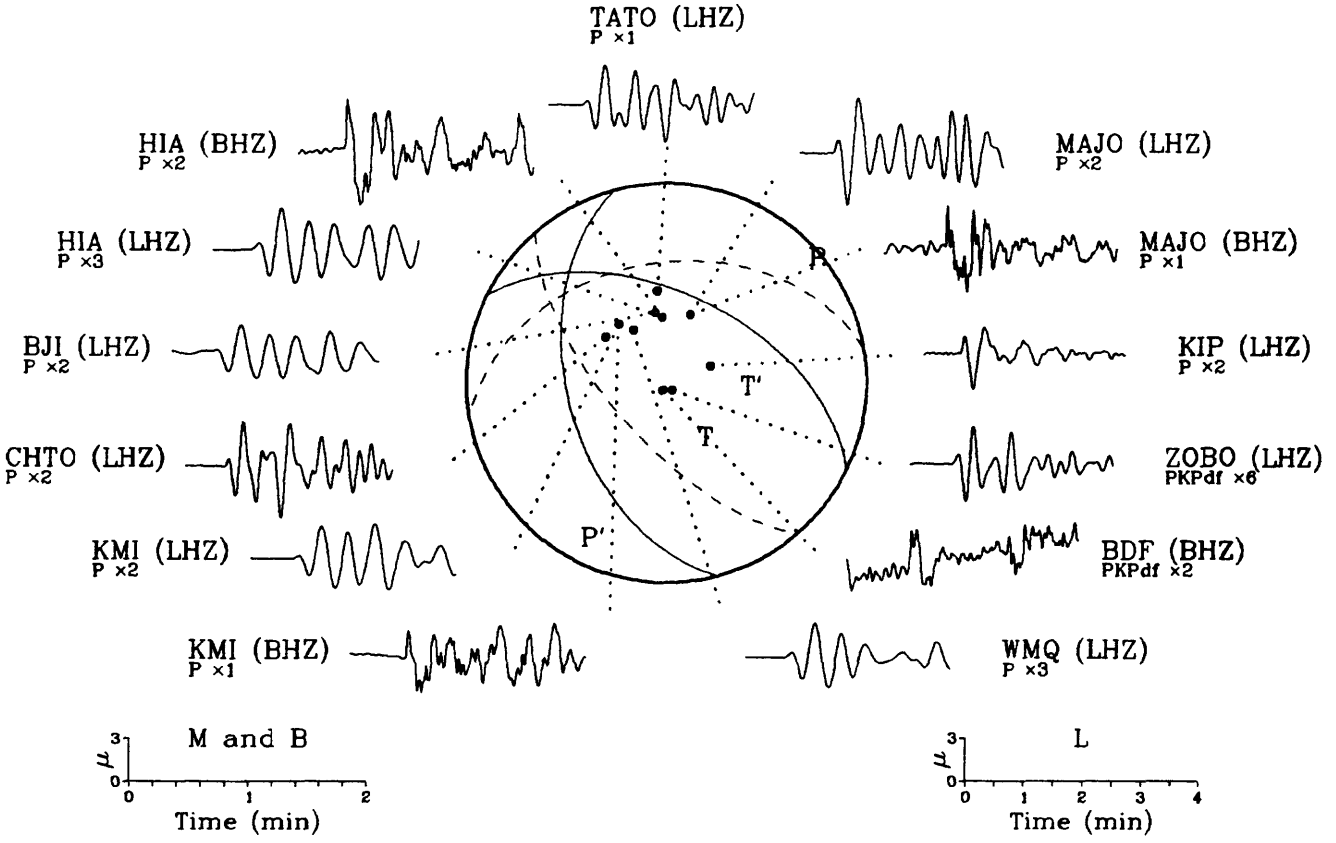
11 December 1990 14:41:42.55
Tonga Islands



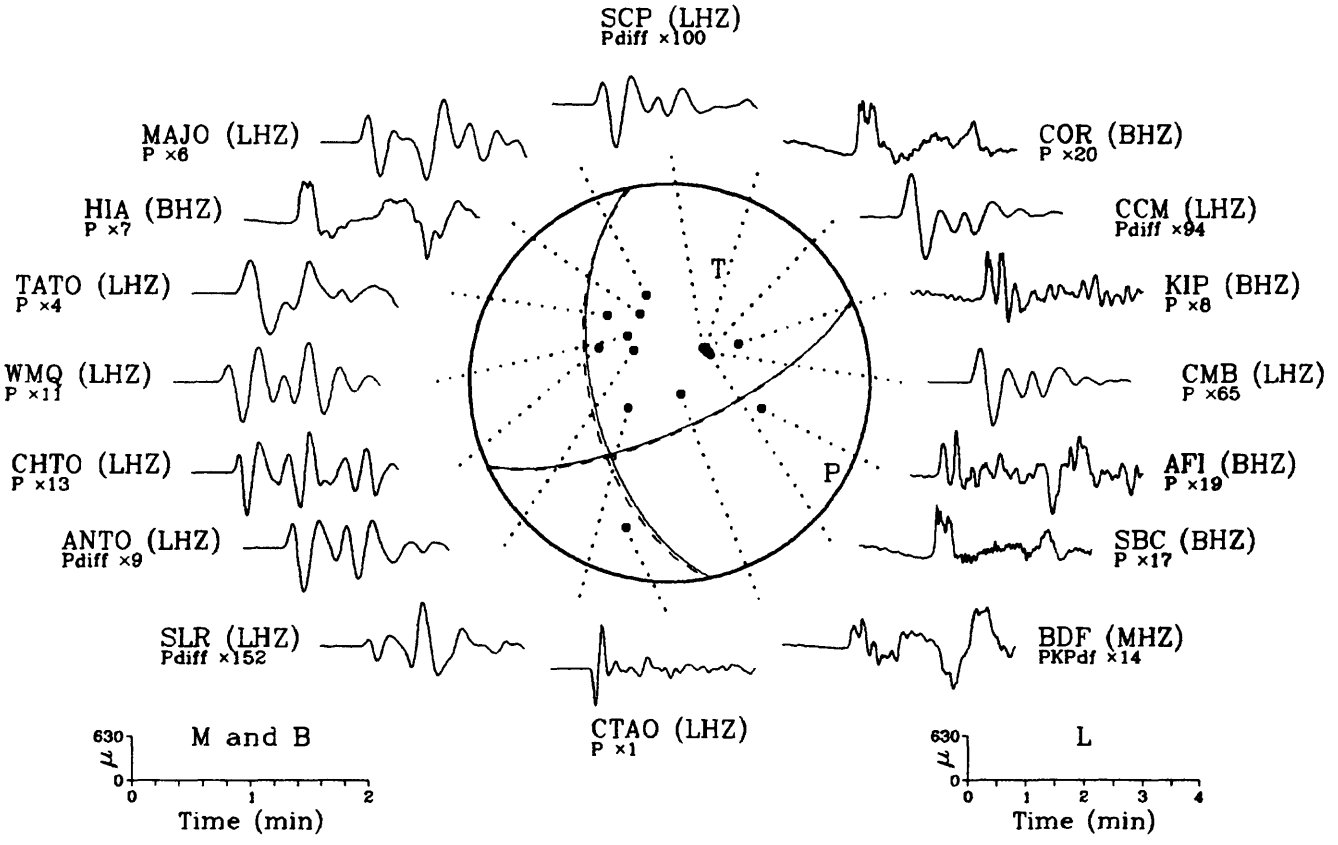
13 December 1990 03:01:48.05
Taiwan



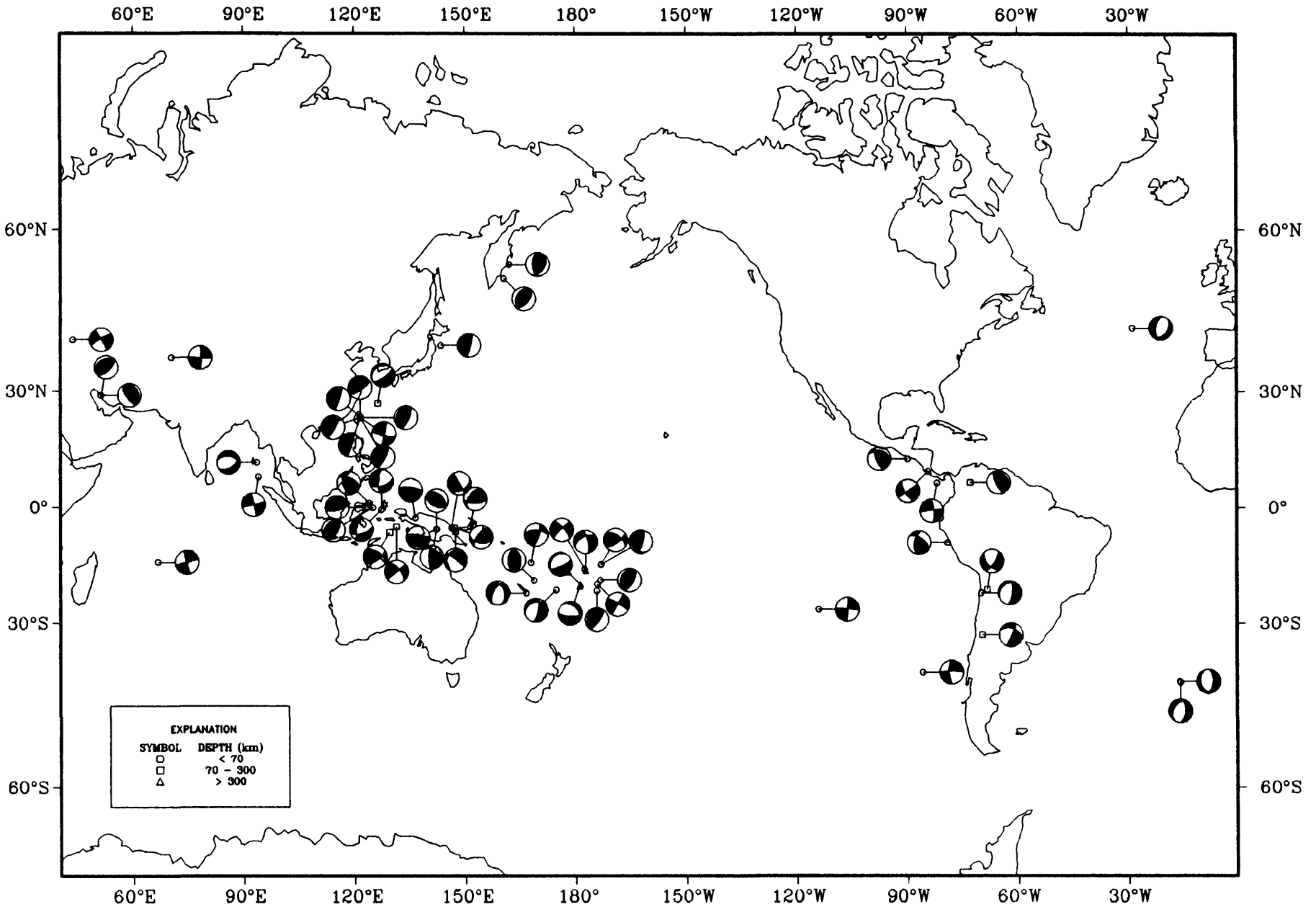
13 December 1990 12:26:40.75
Minahassa Peninsula

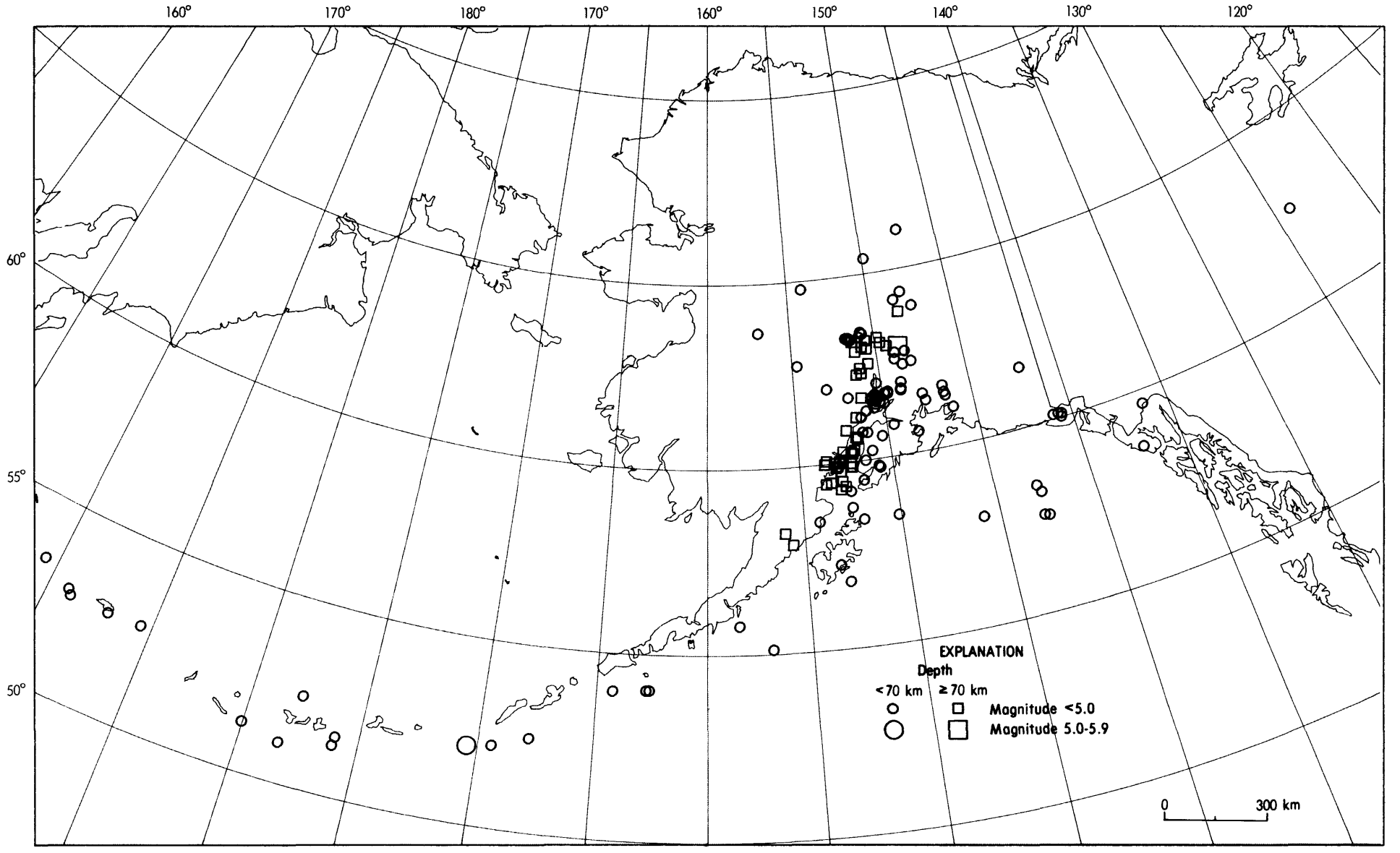


30 December 1990 19:14:18.93
New Britain Region

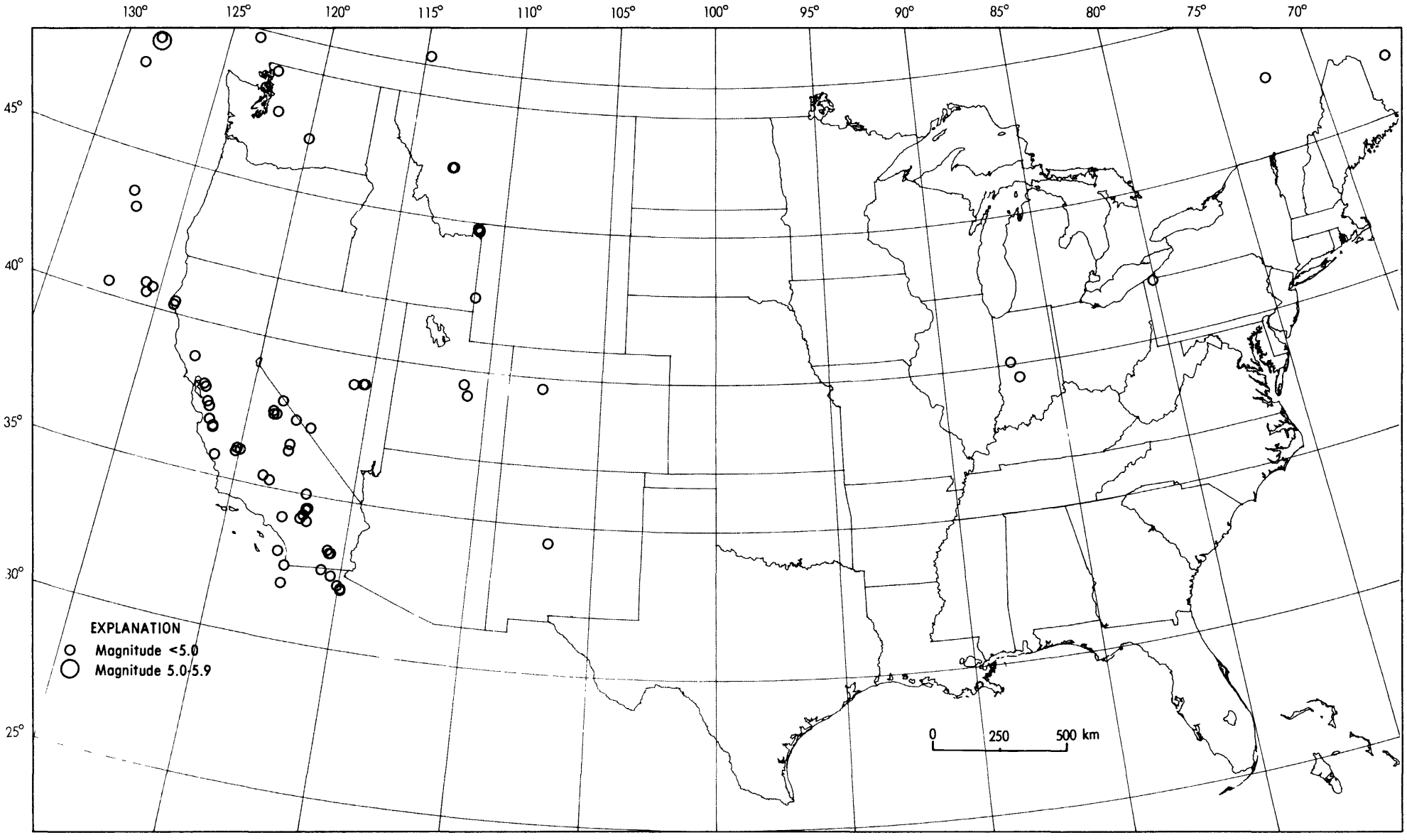


Earthquake Focal Mechanisms for December 1990

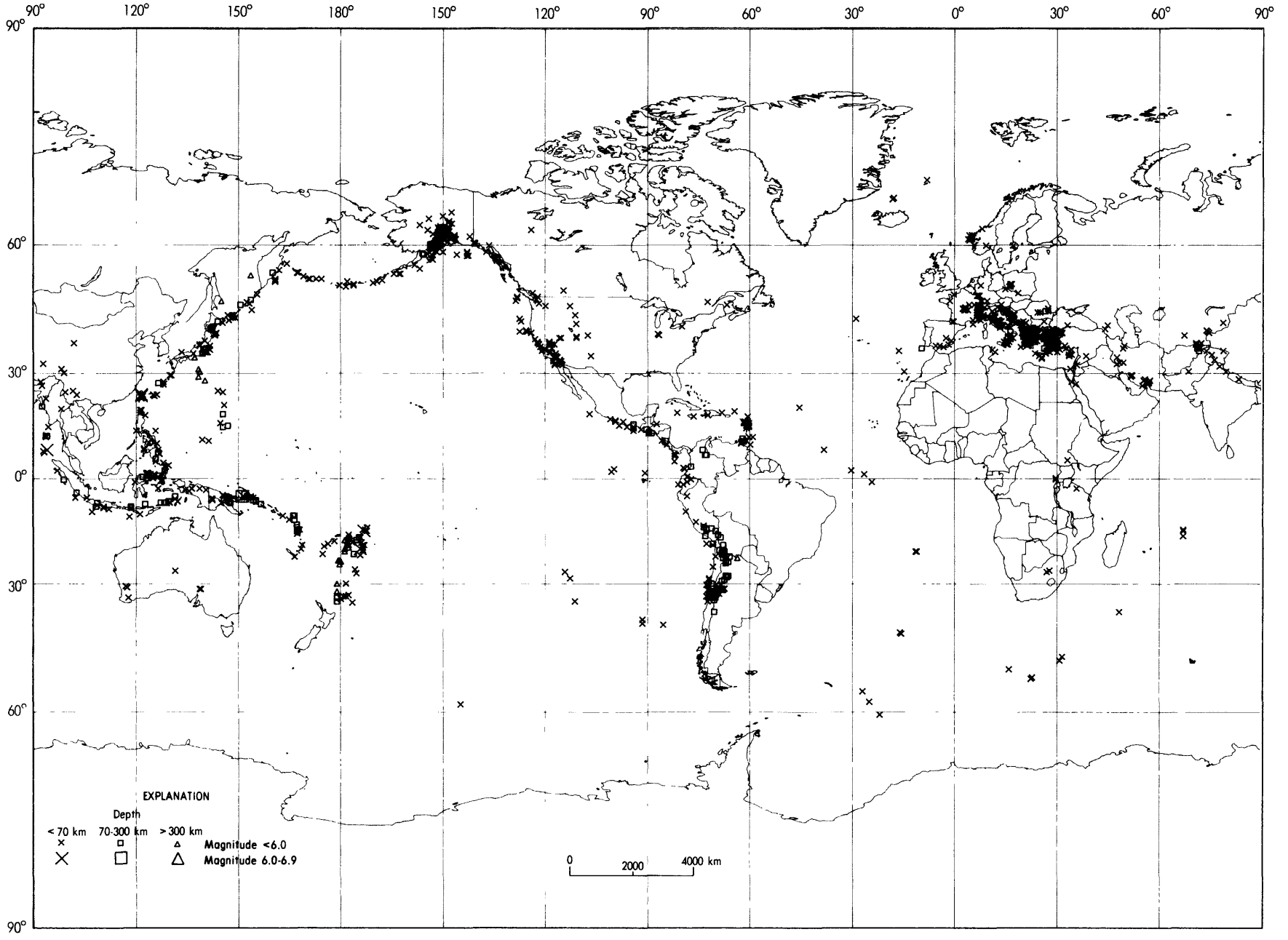




Earthquake epicenters in Alaska and adjacent regions for December, 1990 (C. Stover).



Earthquake epicenters in the conterminous United States and adjacent regions for December, 1990 (C. Stover).



Earthquakes located in December, 1990 (C. Stover).